

Data Set: V:\1755\active\175569038\geotechnical\report\Appendix Documents\Appendix E - Slope Monitoring Data  
 Date: 11/11/09  
 Time: 08:53:29

PROJECT INFORMATION

Company: Stantec  
 Client: TVA  
 Project: 175569038  
 Location: John Sevier  
 Test Date: 5/6/09  
 Test Well: BA-1

AQUIFER DATA

Saturated Thickness: 15.73 ft  
 Anisotropy Ratio (Kz/Kr): 0.33

SLUG TEST WELL DATA

Test Well: BA-1

X Location: 0. ft  
 Y Location: 0. ft

Initial Displacement: 5.254 ft  
 Static Water Column Height: 13.83 ft  
 Casing Radius: 0.0417 ft  
 Well Radius: 0.0417 ft  
 Well Skin Radius: 0.3333 ft  
 Screen Length: 10. ft  
 Total Well Penetration Depth: 13.83 ft

No. of Observations: 1049

Time (min)	Observation Data		Displacement (ft)
	Displacement (ft)	Time (min)	
0.01667	5.25	8.767	1.433
0.03333	5.247	8.783	1.425
0.05	5.238	8.8	1.419
0.06667	5.228	8.817	1.417
0.08333	5.22	8.833	1.411
0.1	5.215	8.85	1.407
0.1167	5.204	8.867	1.403
0.1333	5.193	8.883	1.4
0.15	5.183	8.9	1.394
0.1667	5.17	8.917	1.391
0.1833	5.163	8.933	1.384
0.2	5.153	8.95	1.382
0.2167	5.145	8.967	1.377
0.2333	5.133	8.983	1.375
0.25	5.122	9.	1.373
0.2667	5.111	9.017	1.363
0.2833	5.099	9.033	1.359
0.3	5.087	9.05	1.36
0.3167	5.079	9.067	1.354
0.3333	5.066	9.083	1.35
0.35	5.056	9.1	1.347
0.3667	5.045	9.117	1.34
0.3833	5.032	9.133	1.337
0.4	5.024	9.15	1.333
0.4167	5.017	9.167	1.329
0.4333	5.003	9.183	1.327
0.45	4.992	9.2	1.32
0.4667	4.978	9.217	1.318
0.4833	4.967	9.233	1.315
0.5	4.958	9.25	1.309
0.5167	4.947	9.267	1.306

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<u>Time (min)</u>	<u>Displacement (ft)</u>	<u>Time (min)</u>	<u>Displacement (ft)</u>
0.5333	4.936	9.283	1.303
0.55	4.925	9.3	1.299
0.5667	4.913	9.317	1.294
0.5833	4.902	9.333	1.288
0.6	4.896	9.35	1.284
0.6167	4.882	9.367	1.28
0.6333	4.868	9.383	1.275
0.65	4.86	9.4	1.274
0.6667	4.845	9.417	1.269
0.6833	4.84	9.433	1.265
0.7	4.828	9.45	1.262
0.7167	4.817	9.467	1.259
0.7333	4.806	9.483	1.253
0.75	4.795	9.5	1.248
0.7667	4.783	9.517	1.245
0.7854	4.771	9.533	1.24
0.8021	4.76	9.55	1.238
0.8187	4.749	9.567	1.232
0.8354	4.733	9.583	1.231
0.85	4.73	9.6	1.225
0.8667	4.717	9.617	1.224
0.8833	4.706	9.633	1.217
0.9	4.697	9.65	1.214
0.9167	4.689	9.667	1.209
0.9333	4.676	9.683	1.207
0.95	4.665	9.7	1.205
0.9667	4.656	9.717	1.2
0.9833	4.646	9.733	1.196
1.	4.635	9.75	1.191
1.017	4.621	9.767	1.19
1.033	4.611	9.783	1.185
1.05	4.604	9.8	1.182
1.067	4.59	9.817	1.177
1.083	4.581	9.833	1.173
1.1	4.569	9.85	1.168
1.117	4.561	9.867	1.166
1.133	4.549	9.883	1.161
1.15	4.541	9.9	1.158
1.167	4.529	9.917	1.154
1.183	4.52	9.933	1.149
1.2	4.509	9.95	1.146
1.217	4.499	9.967	1.146
1.233	4.486	9.983	1.141
1.25	4.476	10.	1.136
1.267	4.466	10.02	1.134
1.283	4.458	10.03	1.13
1.3	4.45	10.05	1.127
1.325	4.433	10.07	1.122
1.333	4.427	10.08	1.118
1.351	4.415	10.1	1.117
1.368	4.405	10.12	1.113
1.389	4.394	10.13	1.11
1.402	4.386	10.15	1.102
1.418	4.372	10.17	1.101
1.435	4.361	10.18	1.101
1.452	4.35	10.2	1.095
1.468	4.341	10.22	1.091
1.485	4.331	10.23	1.089
1.502	4.323	10.25	1.084
1.518	4.314	10.27	1.078
1.535	4.303	10.28	1.076
1.552	4.294	10.3	1.073
1.567	4.289	10.32	1.072
1.583	4.275	10.33	1.068
1.6	4.268	10.35	1.066
1.617	4.259	10.37	1.062
1.633	4.249	10.38	1.057

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<u>Time (min)</u>	<u>Displacement (ft)</u>	<u>Time (min)</u>	<u>Displacement (ft)</u>
1.65	4.237	10.4	1.053
1.667	4.23	10.42	1.049
1.683	4.22	10.43	1.044
1.7	4.211	10.45	1.043
1.717	4.201	10.47	1.037
1.733	4.189	10.48	1.036
1.75	4.18	10.5	1.031
1.767	4.175	10.52	1.028
1.783	4.163	10.53	1.025
1.8	4.153	10.55	1.023
1.817	4.143	10.57	1.018
1.833	4.135	10.58	1.014
1.85	4.125	10.6	1.009
1.867	4.111	10.62	1.009
1.883	4.101	10.63	1.006
1.9	4.094	10.65	1.002
1.917	4.085	10.67	0.999
1.933	4.077	10.68	0.997
1.95	4.067	10.7	0.991
1.967	4.056	10.72	0.986
1.983	4.049	10.73	0.983
2.	4.035	10.75	0.982
2.017	4.027	10.77	0.977
2.033	4.02	10.78	0.975
2.05	4.011	10.8	0.97
2.067	4.	10.82	0.97
2.083	3.994	10.83	0.965
2.1	3.981	10.85	0.963
2.117	3.973	10.87	0.958
2.133	3.963	10.88	0.955
2.15	3.957	10.9	0.952
2.167	3.946	10.92	0.95
2.183	3.936	10.93	0.947
2.2	3.929	10.95	0.94
2.217	3.92	10.97	0.937
2.233	3.91	10.98	0.937
2.25	3.898	11.	0.932
2.267	3.895	11.02	0.93
2.283	3.884	11.03	0.926
2.3	3.874	11.05	0.924
2.317	3.866	11.07	0.919
2.333	3.854	11.08	0.914
2.35	3.845	11.1	0.912
2.367	3.838	11.12	0.911
2.383	3.83	11.13	0.906
2.4	3.82	11.15	0.904
2.417	3.814	11.17	0.901
2.433	3.803	11.18	0.898
2.45	3.793	11.2	0.893
2.467	3.785	11.22	0.888
2.483	3.777	11.23	0.888
2.5	3.769	11.25	0.886
2.517	3.759	11.27	0.881
2.533	3.751	11.28	0.879
2.55	3.739	11.3	0.876
2.567	3.733	11.32	0.871
2.583	3.725	11.33	0.871
2.6	3.713	11.35	0.865
2.617	3.706	11.37	0.861
2.633	3.699	11.38	0.857
2.65	3.688	11.4	0.854
2.667	3.678	11.42	0.852
2.683	3.673	11.43	0.851
2.7	3.661	11.45	0.844
2.717	3.653	11.47	0.84
2.733	3.646	11.48	0.838
2.75	3.638	11.5	0.836

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<u>Time (min)</u>	<u>Displacement (ft)</u>	<u>Time (min)</u>	<u>Displacement (ft)</u>
2.767	3.629	11.52	0.828
2.783	3.621	11.53	0.828
2.8	3.61	11.55	0.825
2.817	3.604	11.57	0.825
2.833	3.595	11.58	0.821
2.85	3.586	11.6	0.821
2.867	3.578	11.62	0.819
2.883	3.571	11.63	0.817
2.9	3.563	11.65	0.813
2.917	3.552	11.67	0.808
2.933	3.544	11.68	0.807
2.95	3.535	11.7	0.801
2.967	3.529	11.72	0.799
2.983	3.522	11.73	0.797
3.	3.514	11.75	0.793
3.017	3.506	11.77	0.79
3.033	3.495	11.78	0.788
3.05	3.485	11.8	0.785
3.067	3.479	11.82	0.782
3.083	3.47	11.83	0.777
3.1	3.461	11.85	0.777
3.117	3.456	11.87	0.775
3.133	3.447	11.88	0.773
3.15	3.437	11.9	0.767
3.167	3.43	11.92	0.766
3.183	3.423	11.93	0.765
3.2	3.413	11.95	0.76
3.217	3.406	11.97	0.759
3.233	3.398	11.98	0.756
3.25	3.391	12.	0.751
3.267	3.383	12.02	0.75
3.283	3.373	12.03	0.745
3.3	3.367	12.05	0.742
3.317	3.358	12.07	0.739
3.333	3.348	12.08	0.741
3.35	3.343	12.1	0.733
3.367	3.334	12.12	0.733
3.383	3.325	12.13	0.727
3.4	3.318	12.15	0.724
3.417	3.31	12.17	0.725
3.433	3.301	12.18	0.722
3.45	3.296	12.2	0.718
3.467	3.285	12.22	0.716
3.483	3.279	12.23	0.711
3.5	3.269	12.25	0.71
3.517	3.265	12.27	0.708
3.533	3.261	12.28	0.704
3.55	3.25	12.3	0.704
3.567	3.241	12.32	0.698
3.583	3.235	12.33	0.694
3.6	3.224	12.35	0.694
3.617	3.221	12.37	0.691
3.633	3.212	12.38	0.688
3.65	3.205	12.4	0.687
3.667	3.196	12.42	0.685
3.683	3.187	12.43	0.683
3.7	3.183	12.45	0.679
3.717	3.176	12.47	0.674
3.733	3.165	12.48	0.674
3.75	3.158	12.5	0.671
3.767	3.153	12.52	0.669
3.783	3.142	12.53	0.665
3.8	3.135	12.55	0.662
3.817	3.129	12.57	0.661
3.833	3.122	12.58	0.655
3.85	3.113	12.6	0.65
3.867	3.103	12.62	0.653

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<u>Time (min)</u>	<u>Displacement (ft)</u>	<u>Time (min)</u>	<u>Displacement (ft)</u>
3.883	3.098	12.63	0.648
3.9	3.089	12.65	0.643
3.917	3.083	12.67	0.638
3.933	3.077	12.68	0.638
3.95	3.068	12.7	0.636
3.967	3.061	12.72	0.634
3.983	3.052	12.73	0.633
4.	3.045	12.75	0.63
4.017	3.039	12.77	0.627
4.033	3.028	12.78	0.625
4.05	3.026	12.8	0.622
4.067	3.019	12.82	0.622
4.083	3.007	12.83	0.62
4.1	2.998	12.85	0.615
4.117	2.993	12.87	0.613
4.133	2.988	12.88	0.607
4.15	2.981	12.9	0.61
4.167	2.973	12.92	0.606
4.183	2.969	12.93	0.604
4.2	2.96	12.95	0.6
4.217	2.953	12.97	0.601
4.233	2.944	12.98	0.596
4.25	2.938	13.	0.594
4.267	2.93	13.02	0.593
4.283	2.924	13.03	0.588
4.3	2.916	13.05	0.586
4.317	2.91	13.07	0.581
4.333	2.903	13.08	0.582
4.35	2.895	13.1	0.578
4.367	2.889	13.12	0.576
4.383	2.881	13.13	0.573
4.4	2.874	13.15	0.571
4.417	2.868	13.17	0.569
4.433	2.858	13.18	0.566
4.45	2.851	13.2	0.567
4.467	2.847	13.22	0.561
4.483	2.839	13.23	0.559
4.5	2.833	13.25	0.558
4.517	2.822	13.27	0.554
4.533	2.817	13.28	0.55
4.55	2.812	13.3	0.551
4.567	2.805	13.32	0.548
4.583	2.799	13.33	0.542
4.6	2.788	13.35	0.541
4.617	2.785	13.37	0.542
4.633	2.779	13.38	0.54
4.65	2.767	13.4	0.535
4.667	2.759	13.42	0.534
4.683	2.758	13.43	0.532
4.7	2.747	13.45	0.529
4.717	2.74	13.47	0.529
4.733	2.735	13.48	0.525
4.75	2.73	13.5	0.524
4.767	2.725	13.52	0.519
4.783	2.715	13.53	0.517
4.8	2.71	13.55	0.517
4.817	2.704	13.57	0.509
4.833	2.696	13.58	0.514
4.85	2.691	13.6	0.508
4.867	2.682	13.62	0.506
4.883	2.678	13.63	0.502
4.9	2.669	13.65	0.504
4.917	2.665	13.67	0.499
4.933	2.659	13.68	0.498
4.95	2.653	13.7	0.495
4.967	2.644	13.72	0.49
4.983	2.634	13.73	0.491

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<u>Time (min)</u>	<u>Displacement (ft)</u>	<u>Time (min)</u>	<u>Displacement (ft)</u>
5.	2.629	13.75	0.487
5.017	2.626	13.77	0.487
5.033	2.618	13.78	0.484
5.05	2.609	13.8	0.483
5.067	2.604	13.82	0.48
5.083	2.596	13.83	0.478
5.1	2.592	13.85	0.476
5.117	2.586	13.87	0.472
5.133	2.578	13.88	0.471
5.15	2.57	13.9	0.47
5.167	2.566	13.92	0.465
5.183	2.559	13.93	0.462
5.2	2.553	13.95	0.462
5.217	2.545	13.97	0.458
5.233	2.539	13.98	0.458
5.25	2.535	14.	0.456
5.267	2.529	14.02	0.454
5.283	2.52	14.03	0.453
5.3	2.512	14.05	0.447
5.317	2.508	14.07	0.448
5.333	2.504	14.08	0.445
5.35	2.496	14.1	0.442
5.367	2.49	14.12	0.441
5.383	2.485	14.13	0.439
5.4	2.478	14.15	0.436
5.417	2.473	14.17	0.438
5.433	2.465	14.18	0.433
5.45	2.457	14.2	0.43
5.467	2.455	14.22	0.429
5.483	2.447	14.23	0.426
5.5	2.442	14.25	0.424
5.517	2.434	14.27	0.422
5.533	2.43	14.28	0.419
5.55	2.42	14.3	0.416
5.567	2.415	14.32	0.415
5.583	2.41	14.33	0.415
5.6	2.403	14.35	0.412
5.617	2.395	14.37	0.411
5.633	2.391	14.38	0.409
5.65	2.386	14.4	0.405
5.667	2.378	14.42	0.405
5.683	2.372	14.43	0.401
5.7	2.368	14.45	0.4
5.717	2.359	14.47	0.397
5.733	2.353	14.48	0.395
5.75	2.347	14.5	0.392
5.767	2.343	14.52	0.392
5.783	2.338	14.53	0.39
5.8	2.332	14.55	0.388
5.817	2.324	14.57	0.385
5.833	2.318	14.58	0.383
5.85	2.315	14.6	0.382
5.867	2.305	14.62	0.379
5.883	2.302	14.63	0.378
5.9	2.295	14.65	0.373
5.917	2.29	14.67	0.371
5.933	2.284	14.68	0.374
5.95	2.278	14.7	0.368
5.967	2.271	14.72	0.369
5.983	2.265	14.73	0.368
6.	2.26	14.75	0.364
6.017	2.255	14.77	0.36
6.033	2.25	14.78	0.362
6.05	2.241	14.8	0.358
6.067	2.235	14.82	0.355
6.083	2.231	14.83	0.353
6.1	2.224	14.85	0.356

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<u>Time (min)</u>	<u>Displacement (ft)</u>	<u>Time (min)</u>	<u>Displacement (ft)</u>
6.117	2.22	14.87	0.351
6.133	2.213	14.88	0.349
6.15	2.207	14.9	0.348
6.167	2.205	14.92	0.344
6.183	2.198	14.93	0.343
6.2	2.192	14.95	0.342
6.217	2.183	14.97	0.339
6.233	2.179	14.98	0.338
6.25	2.168	15.	0.335
6.267	2.166	15.02	0.33
6.283	2.161	15.03	0.333
6.3	2.156	15.05	0.33
6.317	2.15	15.07	0.33
6.333	2.144	15.08	0.328
6.35	2.136	15.1	0.325
6.367	2.133	15.12	0.322
6.383	2.128	15.13	0.321
6.4	2.122	15.15	0.317
6.417	2.118	15.17	0.319
6.433	2.111	15.18	0.314
6.45	2.107	15.2	0.313
6.467	2.1	15.22	0.309
6.483	2.094	15.23	0.311
6.5	2.089	15.25	0.307
6.517	2.083	15.27	0.307
6.533	2.08	15.28	0.306
6.55	2.072	15.3	0.303
6.567	2.065	15.32	0.3
6.583	2.062	15.33	0.298
6.6	2.054	15.35	0.298
6.617	2.052	15.37	0.296
6.633	2.046	15.38	0.296
6.65	2.038	15.4	0.291
6.667	2.036	15.42	0.29
6.683	2.032	15.43	0.288
6.7	2.022	15.45	0.285
6.717	2.017	15.47	0.286
6.733	2.012	15.48	0.283
6.75	2.009	15.5	0.282
6.767	2.	15.52	0.281
6.783	1.994	15.53	0.278
6.8	1.99	15.55	0.276
6.817	1.985	15.57	0.275
6.833	1.979	15.58	0.274
6.85	1.976	15.6	0.274
6.867	1.968	15.62	0.269
6.883	1.968	15.63	0.273
6.9	1.961	15.65	0.266
6.917	1.956	15.67	0.265
6.933	1.951	15.68	0.261
6.95	1.944	15.7	0.259
6.967	1.94	15.72	0.26
6.983	1.935	15.73	0.26
7.	1.928	15.75	0.257
7.017	1.925	15.77	0.255
7.033	1.917	15.78	0.254
7.05	1.914	15.8	0.249
7.067	1.907	15.82	0.25
7.083	1.904	15.83	0.25
7.1	1.894	15.85	0.245
7.117	1.892	15.87	0.245
7.133	1.887	15.88	0.244
7.15	1.883	15.9	0.243
7.167	1.874	15.92	0.241
7.183	1.871	15.93	0.24
7.2	1.868	15.95	0.237
7.217	1.862	15.97	0.234

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<u>Time (min)</u>	<u>Displacement (ft)</u>	<u>Time (min)</u>	<u>Displacement (ft)</u>
7.233	1.857	15.98	0.235
7.25	1.852	16.	0.232
7.267	1.844	16.02	0.231
7.283	1.843	16.03	0.23
7.3	1.837	16.05	0.228
7.317	1.833	16.07	0.228
7.333	1.825	16.08	0.223
7.35	1.821	16.1	0.222
7.367	1.816	16.12	0.222
7.383	1.81	16.13	0.218
7.4	1.805	16.15	0.219
7.417	1.802	16.17	0.218
7.433	1.796	16.18	0.214
7.45	1.79	16.2	0.215
7.467	1.786	16.22	0.21
7.483	1.781	16.23	0.211
7.5	1.777	16.25	0.206
7.517	1.773	16.27	0.207
7.533	1.767	16.28	0.207
7.55	1.763	16.3	0.205
7.567	1.758	16.32	0.204
7.583	1.752	16.33	0.2
7.6	1.747	16.35	0.203
7.617	1.743	16.37	0.197
7.633	1.738	16.38	0.195
7.65	1.734	16.4	0.196
7.667	1.731	16.42	0.197
7.683	1.722	16.43	0.191
7.7	1.717	16.45	0.19
7.717	1.712	16.47	0.189
7.733	1.708	16.48	0.186
7.75	1.704	16.5	0.186
7.767	1.699	16.52	0.182
7.783	1.694	16.53	0.182
7.8	1.687	16.55	0.183
7.817	1.684	16.57	0.181
7.833	1.683	16.58	0.179
7.85	1.677	16.6	0.178
7.867	1.672	16.62	0.176
7.883	1.665	16.63	0.176
7.901	1.66	16.65	0.172
7.917	1.656	16.67	0.174
7.933	1.652	16.68	0.168
7.95	1.645	16.7	0.165
7.967	1.639	16.72	0.167
7.983	1.636	16.73	0.164
8.	1.632	16.75	0.163
8.017	1.626	16.77	0.164
8.033	1.625	16.78	0.162
8.05	1.619	16.8	0.161
8.067	1.613	16.82	0.158
8.083	1.609	16.83	0.156
8.1	1.603	16.85	0.157
8.117	1.598	16.87	0.154
8.133	1.597	16.88	0.156
8.15	1.59	16.9	0.153
8.167	1.586	16.92	0.15
8.183	1.585	16.93	0.147
8.2	1.574	16.95	0.148
8.217	1.569	16.97	0.145
8.233	1.567	16.98	0.143
8.25	1.565	17.	0.144
8.267	1.56	17.02	0.143
8.283	1.553	17.03	0.138
8.3	1.549	17.06	0.139
8.317	1.546	17.07	0.137
8.333	1.543	17.09	0.133



<u>Time (min)</u>	<u>Displacement (ft)</u>	<u>Time (min)</u>	<u>Displacement (ft)</u>
8.35	1.537	17.11	0.133
8.367	1.533	17.12	0.129
8.383	1.527	17.14	0.13
8.4	1.522	17.16	0.127
8.417	1.519	17.17	0.127
8.433	1.515	17.19	0.127
8.45	1.512	17.21	0.122
8.467	1.506	17.22	0.124
8.483	1.502	17.24	0.122
8.5	1.496	17.26	0.118
8.517	1.491	17.27	0.12
8.533	1.489	17.29	0.117
8.55	1.486	17.31	0.123
8.567	1.48	17.32	0.116
8.583	1.474	17.33	0.119
8.6	1.472	17.35	0.117
8.617	1.467	17.37	0.116
8.633	1.465	17.38	0.113
8.65	1.459	17.4	0.12
8.667	1.454	17.42	0.111
8.683	1.449	17.43	0.106
8.7	1.446	17.45	0.106
8.717	1.437	17.47	0.107
8.733	1.436	17.48	0.108
8.75	1.432		

SOLUTION

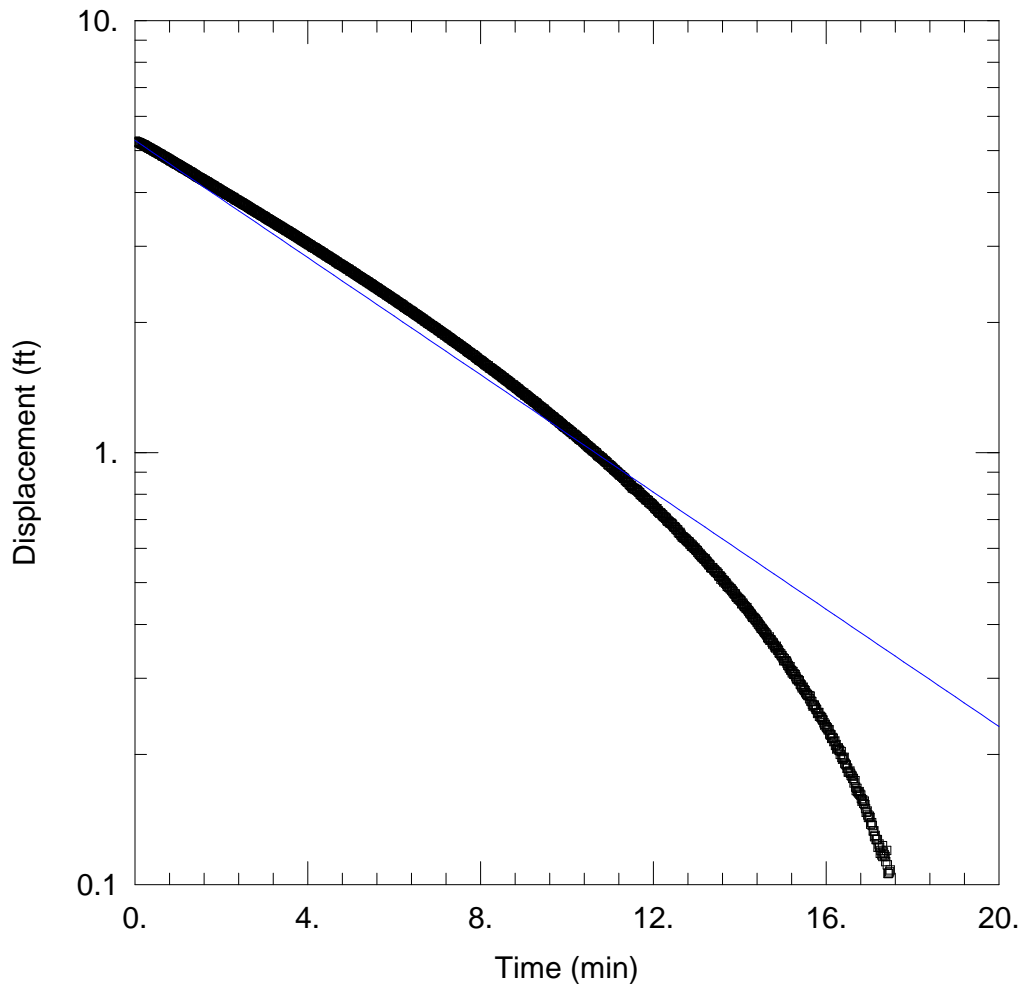
Slug Test  
 Aquifer Model: Unconfined  
 Solution Method: Bouwer-Rice  
 ln(Re/rw): 4.728

VISUAL ESTIMATION RESULTS

Estimated Parameters

<u>Parameter</u>	<u>Estimate</u>	
K	3.042E-5	cm/sec
y0	5.278	ft

$T = K*b = 0.01458 \text{ cm}^2/\text{sec}$



WELL TEST ANALYSIS

Data Set: V:\1755\active\175569038\geotechnical\field\_data\Slug Test\AQTESOLV Files\BA-1.aqt  
 Date: 10/22/09 Time: 10:03:25

PROJECT INFORMATION

Company: Stantec  
 Client: TVA  
 Project: 175569038  
 Location: John Sevier  
 Test Well: BA-1  
 Test Date: 5/6/09

AQUIFER DATA

Saturated Thickness: 15.73 ft Anisotropy Ratio (Kz/Kr): 0.33

WELL DATA (BA-1)

Initial Displacement: 5.254 ft Static Water Column Height: 13.83 ft  
 Total Well Penetration Depth: 13.83 ft Screen Length: 10 ft  
 Casing Radius: 0.0417 ft Well Radius: 0.0417 ft

SOLUTION

Aquifer Model: Unconfined Solution Method: Bouwer-Rice  
 K = 3.042E-5 cm/sec  $y_0$  = 5.278 ft

Data Set: V:\1755\active\175569038\geotechnical\report\Appendix Documents\Appendix E - Slope Monitoring Data  
 Date: 11/11/09  
 Time: 08:54:07

PROJECT INFORMATION

Company: Stantec  
 Client: TVA  
 Project: 175569038  
 Location: John Sevier  
 Test Date: 5/6/09  
 Test Well: BA-2

AQUIFER DATA

Saturated Thickness: 24.46 ft  
 Anisotropy Ratio (Kz/Kr): 0.33

SLUG TEST WELL DATA

Test Well: BA-2

X Location: 0. ft  
 Y Location: 0. ft

Initial Displacement: 7.521 ft  
 Static Water Column Height: 14.06 ft  
 Casing Radius: 0.0417 ft  
 Well Radius: 0.0417 ft  
 Well Skin Radius: 0.3333 ft  
 Screen Length: 10. ft  
 Total Well Penetration Depth: 14.06 ft

No. of Observations: 1733

Time (min)	Observation Data		Displacement (ft)
	Displacement (ft)	Time (min)	
0.0167	7.5	14.46	2.07
0.03335	7.491	14.48	2.069
0.05003	7.477	14.49	2.065
0.06672	7.46	14.51	2.062
0.0834	7.447	14.53	2.055
0.1001	7.433	14.54	2.053
0.1168	7.418	14.56	2.048
0.1334	7.407	14.57	2.048
0.1416	7.4	14.59	2.039
0.1583	7.386	14.61	2.042
0.175	7.374	14.63	2.039
0.1916	7.362	14.64	2.033
0.2083	7.348	14.66	2.027
0.225	7.333	14.68	2.022
0.2416	7.322	14.69	2.022
0.2583	7.306	14.71	2.019
0.275	7.296	14.73	2.016
0.2916	7.28	14.74	2.014
0.3083	7.271	14.76	2.01
0.325	7.258	14.78	2.007
0.3416	7.245	14.79	2.004
0.3583	7.232	14.81	1.999
0.375	7.22	14.82	1.995
0.3916	7.213	14.84	1.991
0.4083	7.199	14.86	1.99
0.425	7.186	14.88	1.989
0.4416	7.172	14.89	1.985
0.4583	7.162	14.91	1.979
0.475	7.151	14.93	1.976
0.4916	7.141	14.94	1.974
0.5083	7.124	14.96	1.968

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<u>Time (min)</u>	<u>Displacement (ft)</u>	<u>Time (min)</u>	<u>Displacement (ft)</u>
0.525	7.117	14.98	1.965
0.5416	7.106	14.99	1.963
0.5583	7.096	15.01	1.957
0.575	7.083	15.03	1.955
0.5916	7.072	15.04	1.952
0.6083	7.061	15.06	1.951
0.625	7.052	15.07	1.944
0.6416	7.039	15.09	1.941
0.6583	7.027	15.11	1.937
0.675	7.018	15.13	1.936
0.6916	7.007	15.14	1.932
0.7083	6.999	15.16	1.929
0.725	6.989	15.18	1.926
0.7416	6.973	15.19	1.919
0.7583	6.965	15.21	1.919
0.775	6.954	15.23	1.916
0.7916	6.945	15.24	1.913
0.8083	6.934	15.26	1.906
0.825	6.925	15.28	1.905
0.8416	6.911	15.29	1.904
0.8583	6.902	15.31	1.9
0.875	6.891	15.32	1.896
0.8916	6.883	15.34	1.895
0.9083	6.871	15.36	1.89
0.925	6.859	15.38	1.885
0.9416	6.85	15.39	1.881
0.9583	6.841	15.41	1.879
0.975	6.831	15.43	1.878
0.9916	6.823	15.44	1.875
1.008	6.81	15.46	1.87
1.025	6.798	15.48	1.868
1.046	6.786	15.49	1.864
1.062	6.776	15.51	1.862
1.079	6.765	15.53	1.859
1.096	6.754	15.54	1.855
1.112	6.746	15.56	1.852
1.129	6.737	15.57	1.847
1.146	6.726	15.59	1.847
1.162	6.713	15.61	1.839
1.179	6.705	15.63	1.84
1.196	6.691	15.64	1.835
1.212	6.684	15.66	1.834
1.229	6.676	15.68	1.831
1.246	6.666	15.69	1.826
1.262	6.656	15.71	1.822
1.279	6.645	15.73	1.821
1.292	6.639	15.74	1.816
1.308	6.631	15.76	1.811
1.325	6.626	15.78	1.81
1.342	6.61	15.79	1.807
1.358	6.603	15.81	1.803
1.375	6.594	15.82	1.8
1.392	6.584	15.84	1.798
1.408	6.574	15.86	1.796
1.425	6.565	15.88	1.792
1.442	6.556	15.89	1.792
1.458	6.545	15.91	1.786
1.475	6.538	15.93	1.785
1.492	6.526	15.94	1.781
1.508	6.519	15.96	1.776
1.525	6.508	15.98	1.773
1.542	6.501	15.99	1.772
1.558	6.487	16.01	1.77
1.575	6.482	16.02	1.764
1.592	6.471	16.04	1.758
1.608	6.459	16.06	1.758
1.625	6.452	16.07	1.754

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<u>Time (min)</u>	<u>Displacement (ft)</u>	<u>Time (min)</u>	<u>Displacement (ft)</u>
1.642	6.442	16.09	1.751
1.658	6.433	16.11	1.75
1.675	6.424	16.13	1.746
1.692	6.415	16.14	1.741
1.708	6.402	16.16	1.738
1.725	6.397	16.18	1.736
1.742	6.385	16.19	1.733
1.758	6.376	16.21	1.731
1.775	6.368	16.23	1.728
1.792	6.358	16.24	1.726
1.808	6.35	16.26	1.721
1.825	6.343	16.27	1.717
1.842	6.33	16.29	1.715
1.858	6.322	16.31	1.713
1.875	6.314	16.32	1.709
1.892	6.306	16.34	1.705
1.908	6.296	16.36	1.704
1.925	6.288	16.38	1.7
1.942	6.278	16.39	1.698
1.958	6.269	16.41	1.695
1.975	6.258	16.43	1.693
1.992	6.254	16.44	1.686
2.008	6.242	16.46	1.685
2.025	6.236	16.48	1.68
2.042	6.227	16.49	1.684
2.058	6.214	16.51	1.676
2.075	6.207	16.52	1.674
2.092	6.198	16.54	1.672
2.108	6.191	16.56	1.668
2.125	6.182	16.57	1.664
2.142	6.17	16.59	1.661
2.158	6.159	16.61	1.659
2.175	6.155	16.63	1.657
2.192	6.147	16.64	1.653
2.208	6.136	16.66	1.648
2.225	6.13	16.68	1.647
2.242	6.121	16.69	1.643
2.258	6.111	16.71	1.64
2.275	6.104	16.73	1.639
2.292	6.094	16.74	1.633
2.308	6.085	16.76	1.633
2.325	6.079	16.77	1.63
2.342	6.071	16.79	1.627
2.358	6.058	16.81	1.624
2.375	6.052	16.82	1.621
2.392	6.046	16.84	1.617
2.408	6.032	16.86	1.614
2.425	6.028	16.88	1.609
2.442	6.015	16.89	1.608
2.458	6.01	16.91	1.606
2.475	6.001	16.93	1.605
2.492	5.99	16.94	1.602
2.508	5.985	16.96	1.6
2.525	5.975	16.98	1.594
2.542	5.966	16.99	1.593
2.558	5.957	17.01	1.587
2.575	5.953	17.02	1.586
2.592	5.943	17.04	1.581
2.608	5.935	17.06	1.581
2.625	5.923	17.07	1.578
2.642	5.92	17.09	1.573
2.658	5.907	17.11	1.573
2.675	5.903	17.13	1.568
2.692	5.894	17.14	1.566
2.708	5.886	17.16	1.563
2.725	5.877	17.18	1.558
2.742	5.869	17.19	1.556

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<u>Time (min)</u>	<u>Displacement (ft)</u>	<u>Time (min)</u>	<u>Displacement (ft)</u>
2.758	5.86	17.21	1.554
2.775	5.85	17.23	1.551
2.792	5.842	17.24	1.549
2.808	5.833	17.26	1.546
2.825	5.828	17.27	1.545
2.842	5.82	17.29	1.543
2.858	5.81	17.31	1.536
2.875	5.802	17.32	1.536
2.892	5.795	17.34	1.534
2.908	5.788	17.36	1.53
2.925	5.778	17.38	1.525
2.942	5.769	17.39	1.522
2.958	5.762	17.41	1.522
2.975	5.752	17.43	1.52
2.992	5.747	17.44	1.513
3.008	5.738	17.46	1.514
3.025	5.728	17.48	1.507
3.042	5.723	17.49	1.51
3.058	5.715	17.51	1.505
3.075	5.704	17.52	1.497
3.092	5.701	17.54	1.499
3.108	5.692	17.56	1.498
3.125	5.684	17.57	1.494
3.142	5.676	17.59	1.49
3.158	5.666	17.61	1.486
3.175	5.658	17.63	1.482
3.192	5.65	17.64	1.484
3.208	5.64	17.66	1.478
3.225	5.632	17.68	1.477
3.242	5.625	17.69	1.474
3.258	5.62	17.71	1.47
3.275	5.612	17.73	1.466
3.292	5.6	17.74	1.467
3.308	5.595	17.76	1.462
3.325	5.589	17.77	1.459
3.342	5.576	17.79	1.459
3.358	5.569	17.81	1.456
3.375	5.565	17.82	1.455
3.392	5.556	17.84	1.45
3.408	5.549	17.86	1.446
3.425	5.542	17.88	1.444
3.442	5.535	17.89	1.439
3.458	5.525	17.91	1.439
3.475	5.518	17.93	1.435
3.492	5.509	17.94	1.432
3.508	5.504	17.96	1.428
3.525	5.496	17.98	1.429
3.542	5.486	17.99	1.425
3.558	5.476	18.01	1.422
3.575	5.472	18.02	1.421
3.592	5.461	18.04	1.417
3.608	5.457	18.06	1.414
3.625	5.446	18.07	1.409
3.642	5.44	18.09	1.407
3.658	5.433	18.11	1.405
3.675	5.427	18.13	1.404
3.692	5.419	18.14	1.4
3.708	5.409	18.16	1.4
3.725	5.402	18.18	1.397
3.742	5.395	18.19	1.391
3.758	5.383	18.21	1.39
3.775	5.381	18.23	1.387
3.792	5.371	18.24	1.381
3.808	5.363	18.26	1.383
3.825	5.358	18.27	1.38
3.842	5.347	18.29	1.378
3.858	5.34	18.31	1.374

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<u>Time (min)</u>	<u>Displacement (ft)</u>	<u>Time (min)</u>	<u>Displacement (ft)</u>
3.875	5.334	18.32	1.373
3.892	5.328	18.34	1.371
3.908	5.321	18.36	1.368
3.925	5.314	18.38	1.362
3.942	5.305	18.39	1.362
3.958	5.297	18.41	1.358
3.975	5.289	18.43	1.357
3.992	5.282	18.44	1.355
4.008	5.277	18.46	1.347
4.025	5.267	18.48	1.349
4.042	5.258	18.49	1.349
4.058	5.254	18.51	1.343
4.075	5.245	18.52	1.341
4.092	5.237	18.54	1.336
4.108	5.229	18.56	1.335
4.125	5.223	18.57	1.332
4.142	5.213	18.59	1.33
4.158	5.207	18.61	1.33
4.175	5.2	18.63	1.326
4.192	5.196	18.64	1.323
4.208	5.186	18.66	1.319
4.225	5.178	18.68	1.319
4.242	5.174	18.69	1.316
4.258	5.168	18.71	1.312
4.275	5.16	18.73	1.311
4.292	5.153	18.74	1.307
4.308	5.147	18.76	1.305
4.325	5.14	18.77	1.299
4.342	5.133	18.79	1.296
4.358	5.124	18.81	1.297
4.375	5.118	18.82	1.295
4.392	5.109	18.84	1.29
4.408	5.104	18.86	1.289
4.425	5.099	18.88	1.286
4.442	5.091	18.89	1.284
4.458	5.082	18.91	1.283
4.475	5.075	18.93	1.28
4.492	5.072	18.94	1.277
4.508	5.062	18.96	1.276
4.525	5.056	18.98	1.274
4.542	5.049	18.99	1.268
4.558	5.043	19.01	1.265
4.575	5.034	19.02	1.265
4.592	5.024	19.04	1.262
4.608	5.023	19.06	1.258
4.625	5.013	19.07	1.26
4.642	5.006	19.09	1.253
4.658	5.	19.11	1.252
4.675	4.994	19.13	1.252
4.692	4.986	19.14	1.249
4.708	4.979	19.16	1.243
4.725	4.974	19.18	1.245
4.742	4.967	19.19	1.241
4.758	4.959	19.21	1.239
4.775	4.954	19.23	1.237
4.792	4.945	19.24	1.232
4.808	4.939	19.26	1.229
4.825	4.93	19.27	1.229
4.842	4.925	19.29	1.225
4.858	4.92	19.31	1.226
4.875	4.913	19.32	1.219
4.892	4.906	19.34	1.219
4.908	4.9	19.36	1.217
4.925	4.891	19.38	1.214
4.942	4.886	19.39	1.213
4.958	4.878	19.41	1.211
4.975	4.872	19.43	1.208

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<u>Time (min)</u>	<u>Displacement (ft)</u>	<u>Time (min)</u>	<u>Displacement (ft)</u>
4.992	4.867	19.44	1.202
5.008	4.86	19.46	1.199
5.025	4.853	19.48	1.2
5.042	4.844	19.49	1.198
5.058	4.841	19.51	1.195
5.075	4.833	19.52	1.191
5.092	4.826	19.54	1.192
5.108	4.82	19.56	1.188
5.125	4.81	19.57	1.185
5.142	4.808	19.6	1.181
5.158	4.799	19.61	1.176
5.175	4.792	19.63	1.178
5.192	4.788	19.65	1.175
5.208	4.781	19.66	1.17
5.225	4.774	19.68	1.168
5.242	4.766	19.7	1.173
5.258	4.76	19.71	1.164
5.275	4.755	19.73	1.161
5.292	4.747	19.75	1.157
5.308	4.74	19.76	1.154
5.325	4.734	19.78	1.154
5.342	4.727	19.8	1.149
5.358	4.719	19.81	1.148
5.375	4.712	19.83	1.148
5.392	4.706	19.84	1.143
5.408	4.7	19.86	1.142
5.425	4.694	19.88	1.144
5.442	4.69	19.89	1.141
5.458	4.679	19.91	1.136
5.475	4.675	19.93	1.133
5.492	4.669	19.94	1.133
5.508	4.664	19.96	1.13
5.525	4.656	19.98	1.128
5.542	4.649	19.99	1.127
5.558	4.643	20.01	1.125
5.575	4.634	20.02	1.123
5.592	4.628	20.04	1.119
5.608	4.622	20.06	1.118
5.625	4.616	20.07	1.116
5.642	4.612	20.09	1.114
5.658	4.603	20.11	1.111
5.675	4.598	20.13	1.109
5.692	4.59	20.14	1.106
5.708	4.585	20.16	1.104
5.725	4.578	20.18	1.1
5.742	4.574	20.19	1.099
5.758	4.564	20.21	1.098
5.775	4.56	20.23	1.093
5.792	4.553	20.24	1.093
5.808	4.547	20.26	1.092
5.825	4.536	20.27	1.087
5.842	4.535	20.29	1.088
5.858	4.53	20.31	1.083
5.875	4.521	20.32	1.081
5.892	4.515	20.34	1.078
5.908	4.507	20.36	1.079
5.925	4.499	20.38	1.075
5.942	4.496	20.39	1.072
5.958	4.492	20.41	1.073
5.975	4.484	20.43	1.068
5.992	4.479	20.44	1.067
6.008	4.471	20.46	1.061
6.025	4.465	20.48	1.058
6.042	4.459	20.49	1.059
6.058	4.452	20.51	1.058
6.075	4.444	20.52	1.054
6.092	4.439	20.54	1.049



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<u>Time (min)</u>	<u>Displacement (ft)</u>	<u>Time (min)</u>	<u>Displacement (ft)</u>
6.108	4.435	20.56	1.051
6.125	4.429	20.57	1.051
6.142	4.421	20.59	1.044
6.158	4.415	20.61	1.044
6.175	4.408	20.63	1.039
6.192	4.403	20.64	1.037
6.208	4.396	20.66	1.035
6.225	4.393	20.68	1.035
6.242	4.386	20.69	1.034
6.258	4.378	20.71	1.03
6.275	4.371	20.73	1.029
6.292	4.364	20.74	1.027
6.308	4.36	20.76	1.024
6.325	4.353	20.77	1.022
6.342	4.35	20.79	1.018
6.358	4.343	20.81	1.014
6.375	4.336	20.82	1.017
6.392	4.331	20.84	1.013
6.408	4.322	20.86	1.012
6.425	4.318	20.88	1.007
6.442	4.309	20.89	1.006
6.458	4.306	20.91	1.006
6.475	4.297	20.93	1.006
6.492	4.295	20.94	1.001
6.508	4.286	20.96	1.001
6.525	4.278	20.98	0.997
6.542	4.274	20.99	0.994
6.558	4.268	21.01	0.993
6.575	4.262	21.02	0.986
6.592	4.258	21.04	0.987
6.608	4.25	21.06	0.986
6.625	4.244	21.07	0.98
6.642	4.239	21.09	0.984
6.658	4.231	21.11	0.982
6.675	4.226	21.13	0.979
6.692	4.221	21.14	0.972
6.708	4.216	21.16	0.974
6.725	4.21	21.18	0.969
6.742	4.206	21.2	0.968
6.758	4.195	21.21	0.964
6.775	4.194	21.23	0.965
6.792	4.187	21.25	0.956
6.808	4.18	21.26	0.96
6.825	4.174	21.28	0.956
6.842	4.167	21.3	0.954
6.858	4.163	21.31	0.951
6.875	4.154	21.33	0.948
6.892	4.149	21.35	0.945
6.908	4.144	21.36	0.945
6.925	4.137	21.38	0.944
6.942	4.133	21.39	0.942
6.958	4.125	21.41	0.943
6.975	4.12	21.43	0.942
6.992	4.117	21.44	0.939
7.008	4.109	21.46	0.935
7.025	4.103	21.48	0.934
7.042	4.098	21.49	0.93
7.058	4.091	21.51	0.929
7.075	4.085	21.52	0.927
7.092	4.08	21.54	0.924
7.108	4.075	21.56	0.924
7.125	4.069	21.57	0.923
7.142	4.06	21.59	0.921
7.158	4.059	21.61	0.918
7.175	4.05	21.63	0.914
7.192	4.044	21.64	0.916
7.208	4.039	21.66	0.912

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<u>Time (min)</u>	<u>Displacement (ft)</u>	<u>Time (min)</u>	<u>Displacement (ft)</u>
7.225	4.032	21.68	0.912
7.242	4.029	21.69	0.908
7.258	4.021	21.71	0.904
7.275	4.015	21.73	0.904
7.292	4.009	21.74	0.899
7.308	4.	21.76	0.9
7.325	3.998	21.77	0.899
7.342	3.993	21.79	0.896
7.358	3.987	21.81	0.891
7.375	3.98	21.82	0.891
7.392	3.976	21.84	0.892
7.408	3.971	21.86	0.885
7.425	3.966	21.88	0.883
7.442	3.956	21.89	0.882
7.458	3.953	21.91	0.879
7.475	3.947	21.93	0.88
7.492	3.942	21.94	0.878
7.508	3.936	21.96	0.876
7.525	3.928	21.98	0.872
7.542	3.925	21.99	0.873
7.558	3.917	22.01	0.867
7.575	3.914	22.02	0.866
7.592	3.909	22.04	0.864
7.608	3.902	22.06	0.862
7.625	3.897	22.07	0.861
7.642	3.891	22.09	0.858
7.658	3.884	22.11	0.859
7.675	3.881	22.13	0.858
7.692	3.875	22.14	0.853
7.708	3.866	22.16	0.85
7.725	3.861	22.18	0.849
7.742	3.856	22.19	0.847
7.758	3.851	22.21	0.847
7.775	3.847	22.23	0.845
7.792	3.842	22.24	0.843
7.808	3.838	22.26	0.844
7.825	3.827	22.27	0.84
7.842	3.823	22.29	0.836
7.858	3.819	22.31	0.833
7.875	3.814	22.32	0.832
7.892	3.807	22.34	0.832
7.908	3.8	22.36	0.83
7.925	3.797	22.38	0.825
7.942	3.792	22.39	0.823
7.958	3.786	22.41	0.825
7.975	3.78	22.43	0.82
7.992	3.773	22.44	0.819
8.008	3.771	22.46	0.816
8.025	3.764	22.48	0.816
8.042	3.756	22.49	0.815
8.058	3.75	22.51	0.809
8.075	3.75	22.52	0.81
8.092	3.742	22.54	0.81
8.108	3.738	22.56	0.805
8.125	3.729	22.57	0.806
8.142	3.724	22.59	0.798
8.158	3.723	22.61	0.804
8.175	3.713	22.63	0.798
8.192	3.707	22.64	0.797
8.208	3.706	22.66	0.795
8.225	3.694	22.68	0.791
8.242	3.695	22.69	0.791
8.258	3.691	22.71	0.791
8.275	3.683	22.73	0.788
8.292	3.677	22.74	0.787
8.308	3.673	22.76	0.785
8.325	3.667	22.77	0.784

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<u>Time (min)</u>	<u>Displacement (ft)</u>	<u>Time (min)</u>	<u>Displacement (ft)</u>
8.342	3.66	22.79	0.781
8.358	3.656	22.81	0.779
8.375	3.652	22.82	0.777
8.392	3.647	22.84	0.775
8.408	3.638	22.86	0.769
8.425	3.636	22.88	0.771
8.442	3.629	22.89	0.768
8.458	3.625	22.91	0.764
8.475	3.62	22.93	0.766
8.492	3.612	22.94	0.762
8.508	3.607	22.96	0.762
8.525	3.604	22.98	0.76
8.542	3.598	22.99	0.758
8.558	3.591	23.01	0.756
8.575	3.589	23.02	0.755
8.592	3.585	23.04	0.752
8.608	3.576	23.06	0.751
8.625	3.572	23.07	0.749
8.642	3.565	23.09	0.746
8.658	3.561	23.11	0.744
8.675	3.556	23.13	0.744
8.692	3.553	23.14	0.742
8.708	3.547	23.16	0.741
8.725	3.539	23.18	0.736
8.742	3.533	23.19	0.737
8.758	3.527	23.21	0.734
8.775	3.524	23.23	0.733
8.792	3.516	23.24	0.731
8.808	3.515	23.26	0.729
8.825	3.509	23.27	0.73
8.842	3.505	23.29	0.724
8.858	3.499	23.31	0.722
8.875	3.494	23.32	0.721
8.892	3.487	23.34	0.721
8.908	3.482	23.36	0.719
8.925	3.478	23.38	0.716
8.942	3.473	23.39	0.716
8.958	3.466	23.41	0.713
8.975	3.463	23.43	0.71
8.992	3.46	23.44	0.712
9.008	3.452	23.46	0.708
9.025	3.447	23.48	0.706
9.042	3.445	23.49	0.707
9.058	3.434	23.51	0.703
9.075	3.43	23.52	0.703
9.092	3.426	23.54	0.697
9.108	3.424	23.56	0.699
9.125	3.418	23.57	0.693
9.142	3.41	23.59	0.695
9.158	3.407	23.61	0.691
9.175	3.402	23.63	0.693
9.192	3.398	23.64	0.688
9.208	3.39	23.66	0.686
9.225	3.387	23.68	0.688
9.242	3.38	23.69	0.684
9.258	3.375	23.71	0.684
9.275	3.374	23.73	0.681
9.292	3.367	23.74	0.679
9.308	3.361	23.76	0.678
9.325	3.354	23.77	0.677
9.342	3.352	23.79	0.673
9.358	3.345	23.81	0.673
9.375	3.342	23.82	0.671
9.392	3.337	23.84	0.669
9.408	3.332	23.86	0.67
9.425	3.327	23.88	0.667
9.442	3.319	23.89	0.664

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<u>Time (min)</u>	<u>Displacement (ft)</u>	<u>Time (min)</u>	<u>Displacement (ft)</u>
9.458	3.316	23.91	0.664
9.475	3.312	23.93	0.662
9.492	3.312	23.94	0.66
9.508	3.299	23.96	0.659
9.525	3.297	23.98	0.658
9.542	3.293	23.99	0.653
9.558	3.29	24.01	0.65
9.575	3.282	24.02	0.651
9.592	3.276	24.04	0.65
9.616	3.279	24.06	0.647
9.633	3.266	24.07	0.647
9.649	3.261	24.09	0.645
9.666	3.256	24.11	0.643
9.683	3.25	24.13	0.641
9.7	3.242	24.14	0.638
9.716	3.237	24.16	0.636
9.733	3.233	24.18	0.635
9.75	3.23	24.19	0.635
9.766	3.223	24.21	0.633
9.783	3.22	24.23	0.63
9.8	3.212	24.24	0.631
9.816	3.211	24.26	0.626
9.833	3.204	24.28	0.626
9.842	3.2	24.3	0.625
9.858	3.198	24.31	0.624
9.875	3.195	24.32	0.621
9.892	3.186	24.34	0.622
9.908	3.183	24.36	0.618
9.925	3.182	24.38	0.616
9.942	3.177	24.39	0.615
9.958	3.171	24.41	0.613
9.975	3.168	24.43	0.61
9.992	3.163	24.44	0.609
10.01	3.156	24.46	0.607
10.03	3.154	24.48	0.609
10.04	3.147	24.49	0.606
10.06	3.14	24.51	0.605
10.07	3.139	24.52	0.602
10.09	3.133	24.54	0.6
10.11	3.128	24.56	0.6
10.13	3.126	24.57	0.597
10.14	3.12	24.59	0.596
10.16	3.115	24.61	0.596
10.18	3.112	24.63	0.593
10.19	3.105	24.64	0.591
10.21	3.102	24.66	0.591
10.23	3.097	24.68	0.592
10.24	3.092	24.69	0.588
10.26	3.086	24.71	0.585
10.28	3.083	24.73	0.585
10.29	3.075	24.74	0.58
10.31	3.072	24.76	0.578
10.32	3.071	24.77	0.577
10.34	3.064	24.79	0.577
10.36	3.06	24.81	0.577
10.38	3.056	24.82	0.577
10.39	3.051	24.84	0.575
10.41	3.048	24.86	0.572
10.43	3.042	24.88	0.571
10.44	3.038	24.89	0.568
10.46	3.033	24.91	0.567
10.48	3.026	24.93	0.565
10.49	3.023	24.94	0.564
10.51	3.017	24.96	0.561
10.53	3.015	24.98	0.562
10.54	3.008	24.99	0.56
10.56	3.003	25.01	0.556

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<u>Time (min)</u>	<u>Displacement (ft)</u>	<u>Time (min)</u>	<u>Displacement (ft)</u>
10.57	3.	25.02	0.557
10.59	2.996	25.04	0.555
10.61	2.993	25.06	0.555
10.63	2.986	25.07	0.551
10.64	2.981	25.09	0.551
10.66	2.978	25.11	0.548
10.68	2.973	25.13	0.544
10.69	2.968	25.14	0.545
10.71	2.963	25.16	0.546
10.73	2.96	25.18	0.543
10.74	2.954	25.19	0.542
10.76	2.949	25.21	0.538
10.78	2.943	25.23	0.539
10.79	2.941	25.24	0.536
10.81	2.934	25.26	0.536
10.82	2.931	25.27	0.532
10.84	2.928	25.29	0.531
10.86	2.922	25.31	0.531
10.88	2.918	25.32	0.529
10.89	2.911	25.34	0.53
10.91	2.91	25.36	0.524
10.93	2.902	25.38	0.526
10.94	2.899	25.39	0.523
10.96	2.894	25.41	0.522
10.98	2.888	25.43	0.52
10.99	2.886	25.44	0.52
11.01	2.88	25.46	0.517
11.03	2.879	25.48	0.515
11.04	2.872	25.49	0.516
11.06	2.871	25.51	0.515
11.07	2.863	25.52	0.509
11.09	2.859	25.54	0.513
11.11	2.854	25.56	0.508
11.13	2.851	25.57	0.508
11.14	2.847	25.59	0.504
11.16	2.843	25.61	0.506
11.18	2.838	25.63	0.503
11.19	2.834	25.64	0.502
11.21	2.828	25.66	0.502
11.23	2.821	25.68	0.499
11.24	2.818	25.69	0.496
11.26	2.814	25.71	0.496
11.28	2.81	25.73	0.495
11.29	2.808	25.74	0.492
11.31	2.802	25.76	0.491
11.32	2.802	25.77	0.491
11.34	2.793	25.79	0.491
11.36	2.79	25.81	0.486
11.38	2.782	25.82	0.486
11.39	2.78	25.84	0.485
11.41	2.777	25.86	0.484
11.43	2.774	25.88	0.483
11.44	2.768	25.89	0.48
11.46	2.764	25.91	0.48
11.48	2.758	25.93	0.477
11.49	2.754	25.94	0.478
11.51	2.748	25.96	0.472
11.53	2.747	25.98	0.473
11.54	2.742	25.99	0.472
11.56	2.738	26.01	0.474
11.57	2.736	26.02	0.471
11.59	2.728	26.04	0.467
11.61	2.724	26.06	0.467
11.63	2.718	26.07	0.467
11.64	2.715	26.09	0.462
11.66	2.712	26.11	0.464
11.68	2.707	26.13	0.46

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<u>Time (min)</u>	<u>Displacement (ft)</u>	<u>Time (min)</u>	<u>Displacement (ft)</u>
11.69	2.707	26.14	0.46
11.71	2.698	26.16	0.458
11.73	2.696	26.18	0.455
11.74	2.696	26.19	0.455
11.76	2.686	26.21	0.455
11.78	2.682	26.23	0.453
11.79	2.679	26.24	0.452
11.81	2.677	26.26	0.447
11.82	2.67	26.27	0.449
11.84	2.666	26.29	0.449
11.86	2.665	26.31	0.448
11.88	2.657	26.32	0.445
11.89	2.655	26.34	0.444
11.91	2.651	26.36	0.443
11.93	2.643	26.38	0.441
11.94	2.641	26.39	0.439
11.96	2.638	26.41	0.435
11.98	2.63	26.43	0.435
11.99	2.628	26.44	0.435
12.01	2.623	26.46	0.431
12.03	2.618	26.48	0.432
12.04	2.614	26.49	0.432
12.06	2.616	26.51	0.43
12.07	2.61	26.52	0.429
12.09	2.605	26.54	0.424
12.11	2.599	26.56	0.425
12.13	2.596	26.57	0.424
12.14	2.589	26.59	0.424
12.16	2.586	26.61	0.42
12.18	2.586	26.63	0.421
12.19	2.579	26.64	0.42
12.21	2.577	26.66	0.419
12.23	2.573	26.68	0.415
12.24	2.569	26.7	0.415
12.26	2.565	26.71	0.41
12.28	2.559	26.73	0.411
12.29	2.557	26.75	0.408
12.31	2.552	26.76	0.409
12.32	2.548	26.78	0.407
12.34	2.543	26.8	0.404
12.36	2.541	26.81	0.402
12.38	2.536	26.83	0.404
12.39	2.534	26.84	0.401
12.41	2.53	26.86	0.4
12.43	2.525	26.88	0.401
12.44	2.521	26.89	0.398
12.46	2.517	26.91	0.396
12.48	2.511	26.93	0.396
12.49	2.509	26.94	0.395
12.51	2.503	26.96	0.393
12.53	2.503	26.98	0.392
12.54	2.497	26.99	0.39
12.56	2.493	27.01	0.39
12.57	2.489	27.02	0.386
12.59	2.486	27.04	0.39
12.61	2.48	27.06	0.385
12.63	2.474	27.07	0.385
12.64	2.473	27.09	0.384
12.66	2.469	27.11	0.382
12.68	2.467	27.13	0.381
12.69	2.463	27.14	0.38
12.71	2.458	27.16	0.376
12.73	2.455	27.18	0.376
12.74	2.45	27.19	0.378
12.76	2.445	27.21	0.376
12.78	2.442	27.23	0.379
12.79	2.437	27.24	0.373

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<u>Time (min)</u>	<u>Displacement (ft)</u>	<u>Time (min)</u>	<u>Displacement (ft)</u>
12.81	2.433	27.26	0.372
12.82	2.431	27.27	0.371
12.84	2.424	27.29	0.37
12.86	2.422	27.31	0.369
12.88	2.419	27.32	0.363
12.89	2.411	27.34	0.364
12.91	2.41	27.36	0.366
12.93	2.406	27.38	0.362
12.94	2.402	27.39	0.365
12.96	2.398	27.41	0.361
12.98	2.393	27.43	0.358
12.99	2.392	27.44	0.359
13.01	2.391	27.46	0.357
13.03	2.384	27.48	0.355
13.04	2.381	27.49	0.355
13.06	2.376	27.51	0.353
13.07	2.373	27.52	0.35
13.09	2.369	27.54	0.348
13.11	2.365	27.56	0.351
13.13	2.36	27.57	0.347
13.14	2.358	27.59	0.346
13.16	2.352	27.61	0.347
13.18	2.351	27.63	0.345
13.19	2.344	27.64	0.345
13.21	2.342	27.66	0.342
13.23	2.337	27.68	0.342
13.24	2.335	27.69	0.338
13.26	2.33	27.71	0.339
13.28	2.326	27.73	0.337
13.29	2.325	27.74	0.338
13.31	2.32	27.76	0.332
13.32	2.314	27.77	0.333
13.34	2.312	27.79	0.331
13.36	2.309	27.81	0.333
13.38	2.305	27.82	0.331
13.39	2.3	27.84	0.328
13.41	2.299	27.86	0.327
13.43	2.289	27.88	0.326
13.44	2.289	27.89	0.326
13.46	2.285	27.91	0.324
13.48	2.283	27.93	0.322
13.49	2.276	27.94	0.32
13.51	2.274	27.96	0.32
13.53	2.27	27.98	0.319
13.54	2.267	27.99	0.321
13.56	2.263	28.01	0.315
13.57	2.259	28.02	0.315
13.59	2.257	28.04	0.315
13.61	2.254	28.06	0.314
13.63	2.25	28.07	0.317
13.64	2.246	28.09	0.308
13.66	2.241	28.11	0.31
13.68	2.236	28.13	0.307
13.69	2.235	28.14	0.311
13.71	2.229	28.16	0.306
13.73	2.228	28.18	0.306
13.74	2.225	28.19	0.303
13.76	2.219	28.21	0.304
13.78	2.216	28.23	0.303
13.79	2.211	28.24	0.301
13.81	2.209	28.26	0.301
13.82	2.204	28.27	0.301
13.84	2.2	28.29	0.3
13.86	2.201	28.31	0.297
13.88	2.195	28.32	0.292
13.89	2.19	28.34	0.293
13.91	2.187	28.36	0.291

<u>Time (min)</u>	<u>Displacement (ft)</u>	<u>Time (min)</u>	<u>Displacement (ft)</u>
13.93	2.179	28.38	0.291
13.94	2.18	28.39	0.292
13.96	2.175	28.41	0.289
13.98	2.17	28.43	0.29
13.99	2.171	28.44	0.29
14.01	2.166	28.46	0.286
14.03	2.162	28.48	0.285
14.04	2.158	28.49	0.286
14.06	2.156	28.51	0.282
14.07	2.153	28.52	0.281
14.09	2.147	28.54	0.282
14.11	2.145	28.56	0.279
14.13	2.14	28.57	0.281
14.14	2.136	28.59	0.275
14.16	2.133	28.61	0.278
14.18	2.132	28.63	0.276
14.19	2.128	28.64	0.272
14.21	2.124	28.66	0.272
14.23	2.119	28.68	0.271
14.24	2.117	28.69	0.269
14.26	2.115	28.71	0.268
14.28	2.11	28.73	0.271
14.29	2.106	28.75	0.272
14.31	2.101	28.76	0.266
14.32	2.093	28.78	0.266
14.34	2.096	28.79	0.265
14.36	2.089	28.81	0.261
14.38	2.088	28.82	0.263
14.4	2.083	28.84	0.262
14.42	2.076	28.86	0.258
14.43	2.076	28.88	0.259
14.44	2.075		

SOLUTION

Slug Test  
 Aquifer Model: Unconfined  
 Solution Method: Bouwer-Rice  
 ln(Re/rw): 4.578

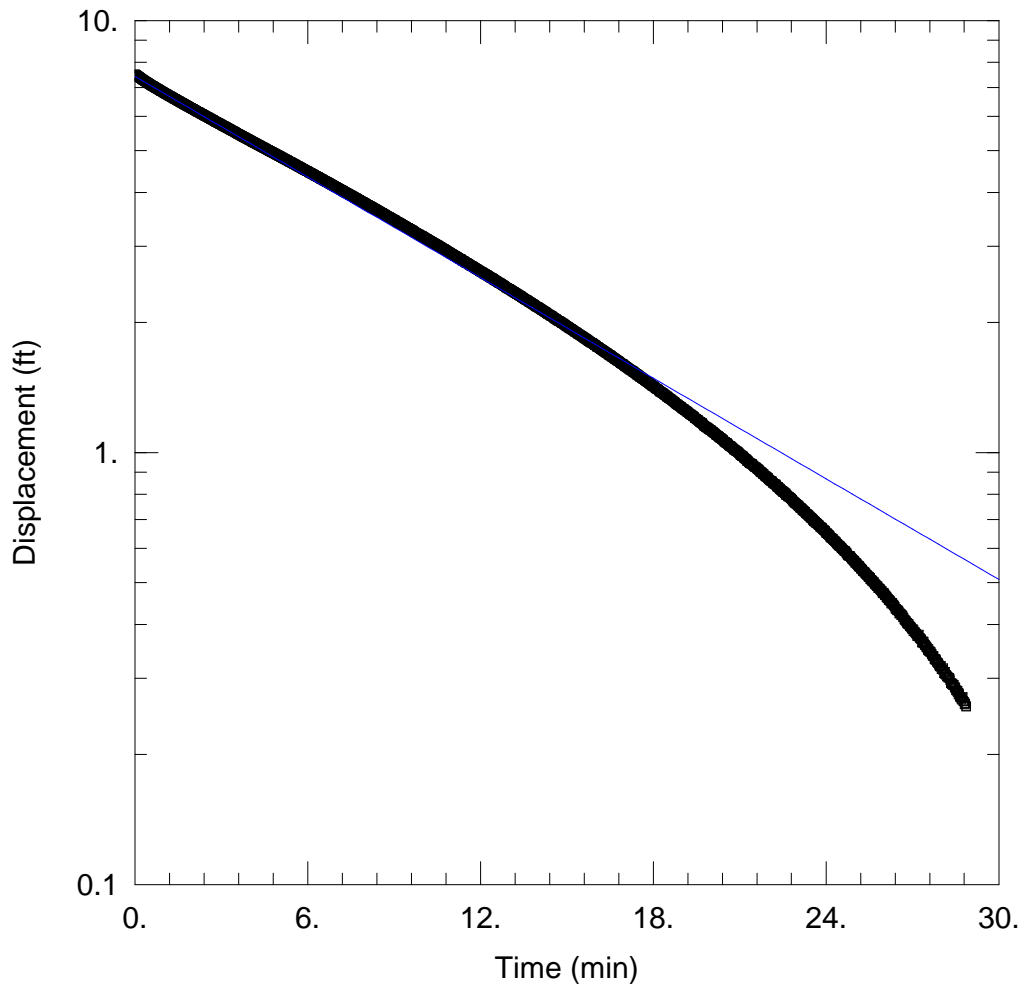
VISUAL ESTIMATION RESULTS

Estimated Parameters

<u>Parameter</u>	<u>Estimate</u>	
K	1.681E-5	cm/sec
y0	7.425	ft

$T = K \cdot b = 0.01253 \text{ cm}^2/\text{sec}$





WELL TEST ANALYSIS

Data Set: V:\1755\active\175569038\geotechnical\field\_data\Slug Test\AQTESOLV Files\BA-2.aqt  
 Date: 10/22/09 Time: 10:04:26

PROJECT INFORMATION

Company: Stantec  
 Client: TVA  
 Project: 175569038  
 Location: John Sevier  
 Test Well: BA-2  
 Test Date: 5/6/09

AQUIFER DATA

Saturated Thickness: 24.46 ft Anisotropy Ratio (Kz/Kr): 0.33

WELL DATA (BA-2)

Initial Displacement: 7.521 ft Static Water Column Height: 14.06 ft  
 Total Well Penetration Depth: 14.06 ft Screen Length: 10. ft  
 Casing Radius: 0.0417 ft Well Radius: 0.0417 ft

SOLUTION

Aquifer Model: Unconfined Solution Method: Bouwer-Rice  
 K = 1.681E-5 cm/sec  $y_0$  = 7.425 ft

Data Set: V:\1755\active\175569038\geotechnical\report\Appendix Documents\Appendix E - Slope Monitoring Data  
 Date: 11/11/09  
 Time: 08:54:31

PROJECT INFORMATION

Company: Stantec  
 Client: TVA  
 Project: 175569038  
 Location: John Sevier  
 Test Date: 5/6/09  
 Test Well: BA-3

AQUIFER DATA

Saturated Thickness: 18.36 ft  
 Anisotropy Ratio (Kz/Kr): 0.33

SLUG TEST WELL DATA

Test Well: BA-3

X Location: 0. ft  
 Y Location: 0. ft

Initial Displacement: 6.444 ft  
 Static Water Column Height: 16.16 ft  
 Casing Radius: 0.0417 ft  
 Well Radius: 0.0417 ft  
 Well Skin Radius: 0.333 ft  
 Screen Length: 10. ft  
 Total Well Penetration Depth: 16.16 ft

No. of Observations: 915

Time (min)	Observation Data		Displacement (ft)
	Displacement (ft)	Time (min)	
0.01672	6.441	7.648	1.556
0.0334	6.44	7.665	1.547
0.05008	6.425	7.681	1.543
0.06675	6.408	7.698	1.539
0.08345	6.389	7.715	1.533
0.1001	6.374	7.731	1.53
0.1168	6.357	7.748	1.523
0.1335	6.339	7.765	1.522
0.1502	6.321	7.781	1.511
0.1669	6.298	7.798	1.509
0.1835	6.282	7.815	1.504
0.2002	6.261	7.831	1.497
0.2147	6.248	7.848	1.491
0.2313	6.231	7.865	1.487
0.248	6.211	7.881	1.48
0.2647	6.194	7.898	1.476
0.2813	6.173	7.915	1.47
0.298	6.157	7.931	1.464
0.3147	6.137	7.948	1.455
0.3313	6.124	7.965	1.453
0.348	6.102	7.981	1.449
0.3647	6.087	7.998	1.443
0.3813	6.063	8.015	1.436
0.398	6.047	8.031	1.434
0.4147	6.03	8.048	1.429
0.4313	6.014	8.065	1.42
0.448	5.996	8.081	1.416
0.4647	5.98	8.098	1.412
0.4813	5.958	8.115	1.405
0.498	5.944	8.131	1.403
0.5147	5.927	8.148	1.396

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<u>Time (min)</u>	<u>Displacement (ft)</u>	<u>Time (min)</u>	<u>Displacement (ft)</u>
0.5313	5.911	8.165	1.39
0.548	5.895	8.181	1.384
0.5647	5.876	8.198	1.378
0.5813	5.855	8.215	1.376
0.598	5.842	8.231	1.368
0.6147	5.826	8.248	1.363
0.6313	5.806	8.265	1.358
0.648	5.792	8.281	1.355
0.6647	5.776	8.298	1.353
0.6813	5.757	8.315	1.348
0.698	5.742	8.331	1.341
0.7147	5.726	8.348	1.333
0.7313	5.709	8.365	1.328
0.748	5.691	8.381	1.324
0.7647	5.676	8.398	1.318
0.7813	5.661	8.415	1.317
0.798	5.646	8.431	1.31
0.8147	5.629	8.448	1.306
0.8313	5.608	8.465	1.301
0.848	5.595	8.481	1.297
0.8647	5.582	8.498	1.291
0.8813	5.566	8.515	1.284
0.898	5.549	8.531	1.282
0.9147	5.53	8.548	1.277
0.9313	5.517	8.565	1.271
0.948	5.501	8.581	1.267
0.9647	5.484	8.598	1.264
0.9813	5.469	8.615	1.257
0.998	5.453	8.631	1.25
1.015	5.437	8.648	1.246
1.031	5.425	8.665	1.244
1.048	5.408	8.681	1.24
1.065	5.393	8.698	1.236
1.081	5.38	8.715	1.228
1.098	5.365	8.731	1.223
1.115	5.346	8.748	1.219
1.131	5.331	8.765	1.214
1.148	5.319	8.781	1.211
1.165	5.303	8.798	1.205
1.181	5.286	8.815	1.202
1.198	5.271	8.831	1.198
1.215	5.253	8.848	1.194
1.231	5.24	8.865	1.188
1.248	5.226	8.881	1.183
1.265	5.212	8.898	1.179
1.281	5.195	8.915	1.174
1.298	5.18	8.931	1.17
1.315	5.164	8.948	1.166
1.331	5.152	8.965	1.16
1.348	5.137	8.981	1.153
1.365	5.122	8.998	1.152
1.381	5.109	9.015	1.146
1.398	5.094	9.031	1.143
1.415	5.08	9.048	1.139
1.431	5.066	9.065	1.135
1.448	5.046	9.081	1.131
1.465	5.03	9.098	1.127
1.481	5.025	9.115	1.121
1.498	5.008	9.131	1.115
1.515	4.989	9.148	1.111
1.531	4.978	9.165	1.105
1.548	4.962	9.181	1.104
1.565	4.95	9.198	1.1
1.581	4.936	9.215	1.096
1.598	4.924	9.231	1.093
1.615	4.909	9.248	1.086
1.631	4.893	9.265	1.083

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<u>Time (min)</u>	<u>Displacement (ft)</u>	<u>Time (min)</u>	<u>Displacement (ft)</u>
1.648	4.88	9.281	1.076
1.665	4.868	9.298	1.072
1.681	4.853	9.315	1.071
1.698	4.838	9.331	1.065
1.715	4.823	9.348	1.06
1.731	4.811	9.365	1.055
1.748	4.8	9.381	1.053
1.765	4.786	9.398	1.049
1.781	4.77	9.415	1.043
1.798	4.757	9.431	1.041
1.815	4.742	9.448	1.037
1.831	4.729	9.465	1.031
1.848	4.715	9.481	1.03
1.865	4.703	9.498	1.022
1.881	4.687	9.515	1.022
1.898	4.674	9.531	1.017
1.915	4.66	9.548	1.012
1.931	4.649	9.565	1.006
1.948	4.635	9.581	1.002
1.965	4.624	9.598	0.999
1.981	4.609	9.615	0.993
1.998	4.595	9.631	0.99
2.015	4.579	9.648	0.987
2.031	4.571	9.665	0.983
2.048	4.557	9.681	0.982
2.065	4.546	9.698	0.975
2.081	4.532	9.715	0.97
2.098	4.518	9.731	0.967
2.115	4.505	9.748	0.966
2.131	4.491	9.765	0.96
2.148	4.479	9.781	0.958
2.165	4.464	9.798	0.955
2.181	4.453	9.815	0.949
2.198	4.441	9.831	0.944
2.215	4.43	9.848	0.944
2.231	4.417	9.865	0.935
2.248	4.403	9.881	0.932
2.265	4.389	9.898	0.933
2.281	4.377	9.915	0.924
2.298	4.364	9.931	0.922
2.315	4.351	9.948	0.92
2.331	4.338	9.965	0.915
2.348	4.331	9.981	0.911
2.365	4.312	10.	0.907
2.381	4.302	10.01	0.903
2.398	4.29	10.03	0.897
2.415	4.277	10.05	0.898
2.431	4.264	10.06	0.896
2.448	4.251	10.08	0.889
2.465	4.241	10.1	0.886
2.481	4.227	10.11	0.88
2.498	4.216	10.13	0.881
2.515	4.206	10.15	0.874
2.531	4.189	10.16	0.872
2.548	4.177	10.18	0.868
2.565	4.166	10.2	0.864
2.581	4.154	10.21	0.861
2.598	4.143	10.23	0.856
2.615	4.13	10.25	0.855
2.631	4.119	10.26	0.846
2.648	4.104	10.28	0.848
2.665	4.093	10.3	0.843
2.681	4.083	10.31	0.838
2.698	4.072	10.33	0.836
2.715	4.058	10.35	0.829
2.731	4.048	10.36	0.832
2.748	4.033	10.38	0.824

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<u>Time (min)</u>	<u>Displacement (ft)</u>	<u>Time (min)</u>	<u>Displacement (ft)</u>
2.765	4.024	10.4	0.821
2.781	4.008	10.41	0.817
2.798	4.001	10.43	0.813
2.815	3.986	10.45	0.814
2.831	3.979	10.46	0.805
2.848	3.966	10.48	0.805
2.865	3.954	10.5	0.801
2.881	3.942	10.51	0.797
2.898	3.93	10.53	0.794
2.915	3.918	10.55	0.793
2.931	3.91	10.56	0.784
2.948	3.896	10.58	0.783
2.965	3.884	10.6	0.78
2.981	3.87	10.61	0.777
2.998	3.86	10.63	0.774
3.015	3.852	10.65	0.774
3.031	3.838	10.66	0.767
3.048	3.828	10.68	0.765
3.065	3.815	10.7	0.761
3.081	3.805	10.71	0.756
3.098	3.794	10.73	0.756
3.115	3.781	10.75	0.754
3.131	3.774	10.76	0.751
3.148	3.762	10.78	0.747
3.165	3.747	10.8	0.74
3.181	3.737	10.81	0.741
3.198	3.724	10.83	0.736
3.215	3.715	10.85	0.734
3.231	3.703	10.86	0.73
3.248	3.696	10.88	0.724
3.265	3.684	10.9	0.72
3.281	3.67	10.91	0.722
3.303	3.656	10.93	0.714
3.32	3.657	10.95	0.712
3.337	3.631	10.96	0.71
3.353	3.625	10.98	0.706
3.37	3.613	11.	0.703
3.387	3.604	11.01	0.7
3.403	3.59	11.03	0.7
3.42	3.581	11.05	0.693
3.437	3.568	11.06	0.693
3.453	3.556	11.08	0.69
3.47	3.547	11.1	0.687
3.487	3.537	11.11	0.684
3.503	3.525	11.13	0.68
3.52	3.514	11.15	0.677
3.537	3.505	11.16	0.674
3.553	3.495	11.18	0.671
3.57	3.482	11.2	0.67
3.587	3.474	11.21	0.666
3.603	3.462	11.23	0.663
3.62	3.453	11.25	0.659
3.637	3.442	11.26	0.658
3.654	3.434	11.28	0.655
3.67	3.421	11.3	0.652
3.687	3.411	11.31	0.647
3.704	3.399	11.33	0.645
3.72	3.389	11.35	0.643
3.737	3.379	11.36	0.639
3.754	3.368	11.38	0.636
3.77	3.358	11.4	0.63
3.787	3.347	11.41	0.63
3.804	3.341	11.43	0.627
3.82	3.33	11.45	0.624
3.837	3.316	11.46	0.62
3.854	3.308	11.48	0.619
3.87	3.297	11.5	0.615

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<u>Time (min)</u>	<u>Displacement (ft)</u>	<u>Time (min)</u>	<u>Displacement (ft)</u>
3.887	3.285	11.51	0.61
3.904	3.278	11.53	0.609
3.92	3.27	11.55	0.605
3.937	3.257	11.56	0.604
3.954	3.245	11.58	0.604
3.97	3.234	11.6	0.6
3.987	3.225	11.61	0.596
4.004	3.215	11.63	0.594
4.021	3.204	11.65	0.588
4.037	3.195	11.66	0.586
4.054	3.186	11.68	0.587
4.071	3.18	11.7	0.582
4.087	3.167	11.71	0.582
4.104	3.157	11.73	0.575
4.121	3.146	11.75	0.573
4.131	3.138	11.76	0.571
4.148	3.133	11.78	0.568
4.171	3.115	11.8	0.566
4.187	3.105	11.81	0.564
4.204	3.095	11.83	0.561
4.221	3.088	11.85	0.556
4.237	3.079	11.86	0.556
4.254	3.069	11.88	0.554
4.271	3.058	11.9	0.55
4.287	3.051	11.91	0.549
4.304	3.038	11.93	0.547
4.321	3.03	11.95	0.543
4.337	3.028	11.96	0.541
4.354	3.011	11.98	0.538
4.371	2.997	12.	0.534
4.387	2.99	12.01	0.533
4.404	2.982	12.03	0.53
4.421	2.972	12.05	0.526
4.438	2.963	12.06	0.523
4.454	2.954	12.08	0.523
4.471	2.945	12.1	0.519
4.488	2.935	12.11	0.516
4.504	2.929	12.13	0.513
4.521	2.915	12.15	0.511
4.538	2.908	12.16	0.51
4.554	2.9	12.18	0.506
4.571	2.889	12.2	0.505
4.588	2.878	12.21	0.503
4.604	2.871	12.23	0.498
4.621	2.86	12.25	0.501
4.638	2.852	12.26	0.494
4.654	2.843	12.28	0.493
4.671	2.833	12.3	0.49
4.688	2.824	12.31	0.489
4.704	2.813	12.33	0.485
4.721	2.806	12.35	0.483
4.738	2.796	12.36	0.482
4.754	2.787	12.38	0.476
4.771	2.779	12.4	0.473
4.788	2.771	12.41	0.474
4.805	2.766	12.43	0.469
4.821	2.752	12.45	0.468
4.838	2.743	12.46	0.466
4.855	2.736	12.48	0.465
4.871	2.729	12.5	0.46
4.888	2.721	12.51	0.458
4.905	2.71	12.53	0.457
4.921	2.703	12.55	0.455
4.938	2.69	12.56	0.454
4.955	2.684	12.58	0.452
4.971	2.677	12.6	0.446
4.988	2.668	12.61	0.445

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<u>Time (min)</u>	<u>Displacement (ft)</u>	<u>Time (min)</u>	<u>Displacement (ft)</u>
5.005	2.657	12.63	0.442
5.021	2.65	12.65	0.442
5.038	2.642	12.66	0.438
5.055	2.634	12.68	0.435
5.071	2.624	12.7	0.434
5.088	2.613	12.71	0.43
5.105	2.605	12.73	0.431
5.122	2.595	12.75	0.429
5.138	2.589	12.76	0.426
5.148	2.588	12.78	0.422
5.172	2.57	12.8	0.421
5.188	2.564	12.81	0.418
5.205	2.556	12.83	0.415
5.222	2.548	12.85	0.414
5.238	2.54	12.86	0.41
5.255	2.531	12.88	0.41
5.272	2.524	12.9	0.406
5.288	2.516	12.91	0.408
5.305	2.51	12.93	0.403
5.322	2.499	12.95	0.402
5.338	2.493	12.96	0.401
5.355	2.494	12.98	0.396
5.372	2.477	13.	0.396
5.388	2.465	13.01	0.393
5.405	2.457	13.03	0.391
5.422	2.45	13.05	0.389
5.438	2.441	13.06	0.386
5.455	2.433	13.08	0.384
5.472	2.428	13.1	0.384
5.489	2.419	13.11	0.38
5.505	2.41	13.13	0.379
5.522	2.402	13.15	0.377
5.539	2.398	13.16	0.372
5.555	2.387	13.18	0.374
5.572	2.378	13.2	0.372
5.589	2.372	13.21	0.369
5.598	2.38	13.23	0.368
5.615	2.379	13.25	0.365
5.631	2.371	13.26	0.362
5.648	2.364	13.28	0.362
5.665	2.355	13.3	0.359
5.681	2.349	13.31	0.358
5.698	2.34	13.33	0.355
5.715	2.332	13.36	0.351
5.731	2.323	13.37	0.35
5.748	2.313	13.39	0.349
5.765	2.303	13.41	0.342
5.781	2.294	13.42	0.34
5.798	2.286	13.44	0.339
5.815	2.276	13.46	0.339
5.831	2.267	13.47	0.335
5.848	2.257	13.49	0.333
5.865	2.249	13.51	0.333
5.881	2.238	13.52	0.33
5.898	2.235	13.54	0.337
5.915	2.228	13.56	0.326
5.931	2.216	13.56	0.327
5.948	2.212	13.58	0.325
5.965	2.204	13.6	0.323
5.981	2.197	13.61	0.32
5.998	2.19	13.63	0.317
6.015	2.186	13.65	0.319
6.031	2.175	13.66	0.315
6.048	2.168	13.68	0.316
6.065	2.163	13.7	0.313
6.081	2.155	13.71	0.31
6.098	2.148	13.73	0.307

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<u>Time (min)</u>	<u>Displacement (ft)</u>	<u>Time (min)</u>	<u>Displacement (ft)</u>
6.115	2.143	13.75	0.308
6.131	2.133	13.76	0.305
6.148	2.127	13.78	0.303
6.165	2.118	13.8	0.301
6.181	2.112	13.81	0.299
6.198	2.106	13.83	0.298
6.215	2.095	13.85	0.294
6.231	2.092	13.86	0.292
6.248	2.085	13.88	0.293
6.265	2.076	13.9	0.294
6.281	2.069	13.91	0.286
6.298	2.061	13.93	0.288
6.315	2.058	13.95	0.286
6.331	2.047	13.96	0.286
6.348	2.038	13.98	0.282
6.365	2.037	14.	0.281
6.381	2.03	14.01	0.28
6.398	2.021	14.03	0.277
6.415	2.014	14.05	0.275
6.431	2.009	14.06	0.273
6.448	2.	14.08	0.268
6.465	1.994	14.1	0.267
6.481	1.985	14.11	0.272
6.498	1.981	14.13	0.265
6.515	1.972	14.15	0.268
6.531	1.967	14.16	0.265
6.548	1.962	14.18	0.262
6.565	1.954	14.2	0.261
6.581	1.949	14.21	0.263
6.598	1.94	14.23	0.258
6.615	1.935	14.25	0.257
6.631	1.925	14.26	0.255
6.648	1.919	14.28	0.251
6.665	1.914	14.3	0.252
6.681	1.907	14.31	0.248
6.698	1.9	14.33	0.247
6.715	1.898	14.35	0.246
6.731	1.89	14.36	0.244
6.748	1.884	14.38	0.242
6.765	1.877	14.4	0.241
6.781	1.867	14.41	0.239
6.798	1.862	14.43	0.238
6.815	1.858	14.45	0.238
6.831	1.847	14.46	0.239
6.848	1.845	14.48	0.236
6.865	1.84	14.5	0.228
6.881	1.83	14.51	0.231
6.898	1.826	14.53	0.227
6.915	1.818	14.55	0.227
6.931	1.81	14.56	0.224
6.948	1.805	14.58	0.225
6.965	1.798	14.6	0.223
6.981	1.792	14.61	0.222
6.998	1.787	14.63	0.219
7.015	1.781	14.65	0.217
7.031	1.775	14.66	0.218
7.048	1.769	14.68	0.216
7.065	1.763	14.7	0.213
7.081	1.756	14.71	0.213
7.098	1.75	14.73	0.211
7.115	1.744	14.75	0.211
7.131	1.736	14.76	0.209
7.148	1.732	14.78	0.206
7.165	1.724	14.8	0.208
7.181	1.719	14.81	0.208
7.198	1.714	14.83	0.202
7.215	1.71	14.85	0.201



<u>Time (min)</u>	<u>Displacement (ft)</u>	<u>Time (min)</u>	<u>Displacement (ft)</u>
7.231	1.7	14.86	0.201
7.248	1.694	14.88	0.198
7.265	1.688	14.9	0.197
7.281	1.683	14.91	0.194
7.298	1.676	14.93	0.19
7.315	1.671	14.95	0.189
7.331	1.664	14.96	0.187
7.348	1.659	14.98	0.187
7.365	1.654	15.	0.187
7.381	1.647	15.01	0.182
7.398	1.643	15.03	0.182
7.415	1.638	15.05	0.179
7.431	1.631	15.06	0.179
7.448	1.624	15.08	0.176
7.465	1.615	15.1	0.179
7.481	1.613	15.11	0.178
7.498	1.608	15.13	0.179
7.515	1.601	15.15	0.176
7.531	1.595	15.16	0.175
7.548	1.592	15.18	0.174
7.565	1.586	15.2	0.177
7.581	1.579	15.21	0.169
7.598	1.57	15.23	0.165
7.615	1.568	15.25	0.167
7.631	1.563		

SOLUTION

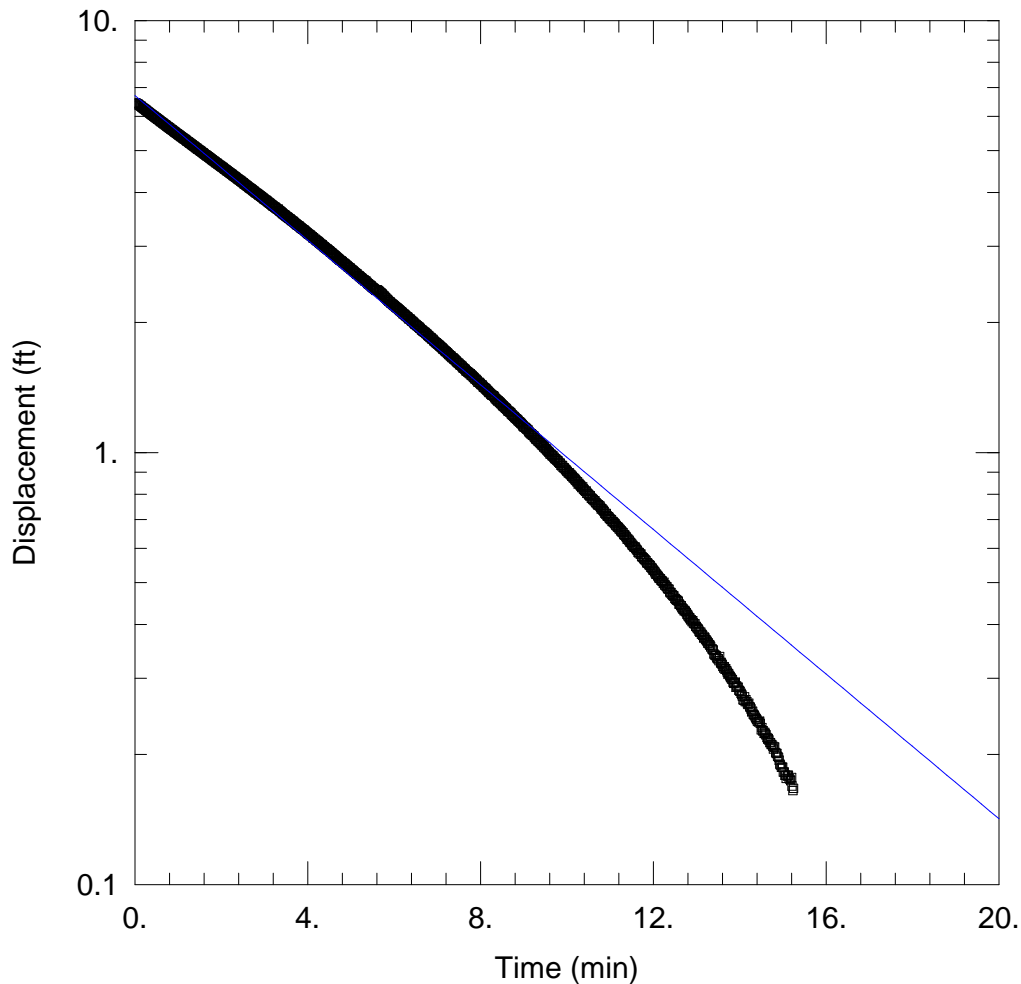
Slug Test  
 Aquifer Model: Unconfined  
 Solution Method: Bouwer-Rice  
 ln(Re/rw): 4.807

VISUAL ESTIMATION RESULTS

Estimated Parameters

<u>Parameter</u>	<u>Estimate</u>	
K	3.804E-5	cm/sec
y0	6.703	ft

$T = K*b = 0.02129 \text{ cm}^2/\text{sec}$



WELL TEST ANALYSIS

Data Set: V:\1755\active\175569038\geotechnical\field\_data\Slug Test\AQTESOLV Files\BA-3.aqt  
 Date: 10/22/09 Time: 10:03:55

PROJECT INFORMATION

Company: Stantec  
 Client: TVA  
 Project: 175569038  
 Location: John Sevier  
 Test Well: BA-3  
 Test Date: 5/6/09

AQUIFER DATA

Saturated Thickness: 18.36 ft Anisotropy Ratio (Kz/Kr): 0.33

WELL DATA (BA-3)

Initial Displacement: 6.444 ft Static Water Column Height: 16.16 ft  
 Total Well Penetration Depth: 16.16 ft Screen Length: 10 ft  
 Casing Radius: 0.0417 ft Well Radius: 0.0417 ft

SOLUTION

Aquifer Model: Unconfined Solution Method: Bouwer-Rice  
 K = 3.804E-5 cm/sec  $y_0$  = 6.703 ft

Data Set: V:\1755\active\175569038\geotechnical\report\Appendix Documents\Appendix E - Slope Monitoring Data  
 Date: 11/11/09  
 Time: 08:54:49

PROJECT INFORMATION

Company: Stantec  
 Client: TVA  
 Project: 175569038  
 Location: John Sevier  
 Test Date: 5/6/09  
 Test Well: BA-5

AQUIFER DATA

Saturated Thickness: 18.93 ft  
 Anisotropy Ratio (Kz/Kr): 0.33

SLUG TEST WELL DATA

Test Well: BA-5

X Location: 0. ft  
 Y Location: 0. ft

Initial Displacement: 0.268 ft  
 Static Water Column Height: 3.33 ft  
 Casing Radius: 0.0417 ft  
 Well Radius: 0.0417 ft  
 Well Skin Radius: 0.333 ft  
 Screen Length: 10. ft  
 Total Well Penetration Depth: 10. ft

No. of Observations: 79

Time (min)	Observation Data		Displacement (ft)
	Displacement (ft)	Time (min)	
0.0167	0.231	0.6806	0.033
0.03335	0.22	0.6973	0.029
0.05005	0.205	0.714	0.031
0.06675	0.177	0.7307	0.029
0.08343	0.158	0.7473	0.026
0.1001	0.145	0.764	0.023
0.1168	0.137	0.7807	0.032
0.1335	0.126	0.7974	0.023
0.1502	0.12	0.8141	0.02
0.1668	0.117	0.8307	0.022
0.1835	0.112	0.8474	0.02
0.2002	0.105	0.8641	0.02
0.2169	0.102	0.8808	0.016
0.2335	0.097	0.8975	0.019
0.2502	0.095	0.9142	0.015
0.2669	0.089	0.9308	0.014
0.2745	0.089	0.9475	0.013
0.2912	0.086	0.9642	0.013
0.3079	0.083	0.9809	0.015
0.3245	0.081	0.9976	0.011
0.3412	0.075	1.014	0.009
0.3579	0.072	1.031	0.009
0.3745	0.07	1.048	0.003
0.3915	0.068	1.064	0.007
0.4078	0.065	1.081	0.002
0.4245	0.059	1.098	0.007
0.4412	0.06	1.114	0.009
0.4578	0.057	1.131	0.006
0.4745	0.056	1.148	0.006
0.4912	0.052	1.164	0.004
0.5079	0.052	1.181	0.006

<u>Time (min)</u>	<u>Displacement (ft)</u>	<u>Time (min)</u>	<u>Displacement (ft)</u>
0.5245	0.048	1.192	0.006
0.5471	0.046	1.208	0.008
0.5638	0.043	1.225	0.009
0.5825	0.042	1.241	0.007
0.5972	0.041	1.258	0.006
0.6139	0.041	1.276	0.001
0.6306	0.036	1.291	0.001
0.6473	0.035	1.308	0.004
0.664	0.034		

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SOLUTION

Slug Test  
 Aquifer Model: Confined  
 Solution Method: Bouwer-Rice  
 ln(Re/rw): 4.389

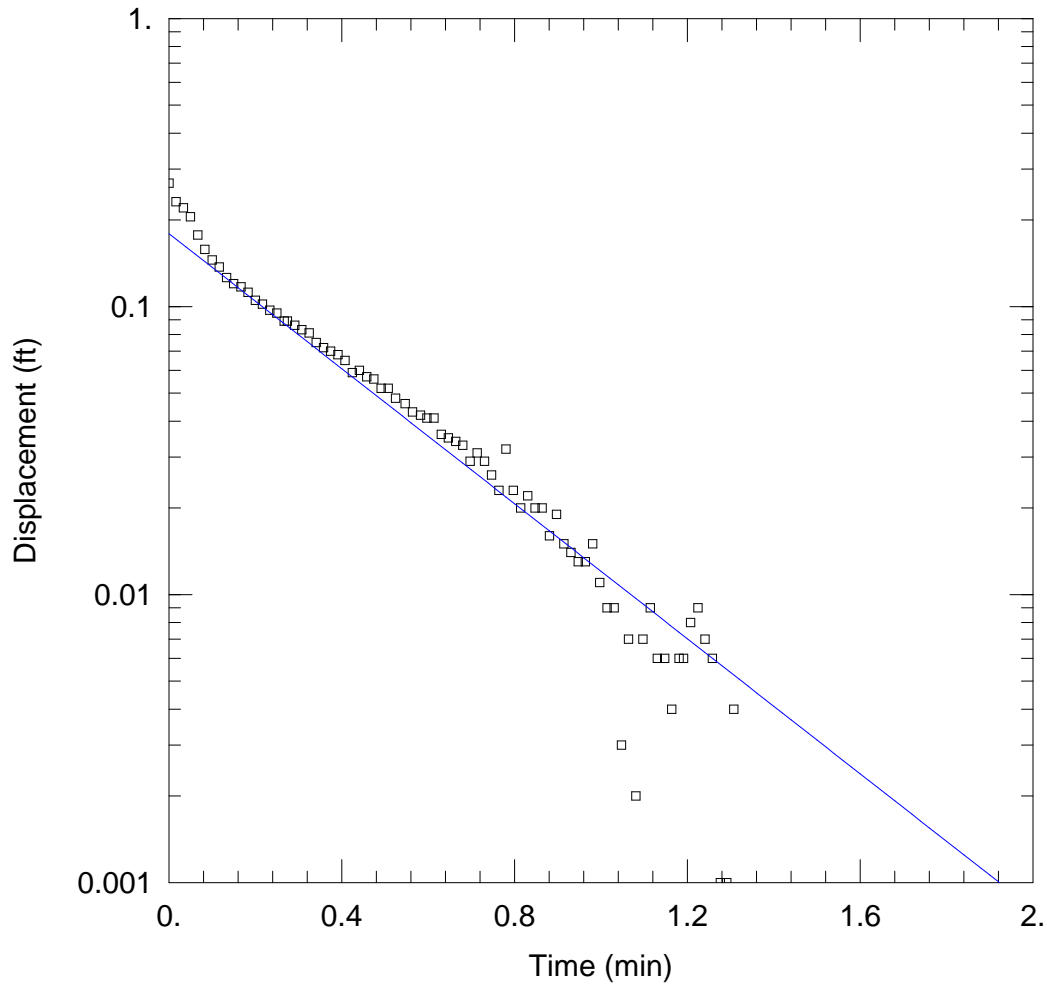
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VISUAL ESTIMATION RESULTS

Estimated Parameters

<u>Parameter</u>	<u>Estimate</u>	
K	0.0004866	cm/sec
y0	0.1791	ft

$T = K \cdot b = 0.2808 \text{ cm}^2/\text{sec}$



WELL TEST ANALYSIS

Data Set: V:\1755\active\175569038\geotechnical\field\_data\Slug Test\AQTESOLV Files\BA-5.aqt  
 Date: 10/22/09 Time: 10:09:32

PROJECT INFORMATION

Company: Stantec  
 Client: TVA  
 Project: 175569038  
 Location: John Sevier  
 Test Well: BA-5  
 Test Date: 5/6/09

AQUIFER DATA

Saturated Thickness: 18.93 ft Anisotropy Ratio (Kz/Kr): 0.33

WELL DATA (BA-5)

Initial Displacement: 0.268 ft Static Water Column Height: 3.33 ft  
 Total Well Penetration Depth: 10. ft Screen Length: 10. ft  
 Casing Radius: 0.0417 ft Well Radius: 0.0417 ft

SOLUTION

Aquifer Model: Confined Solution Method: Bouwer-Rice  
 K = 0.0004866 cm/sec y0 = 0.1791 ft

Data Set: V:\1755\active\175569038\geotechnical\report\Appendix Documents\Appendix E - Slope Monitoring Data  
 Date: 11/11/09  
 Time: 08:55:08

PROJECT INFORMATION

Company: Stantec  
 Client: TVA  
 Project: 175569038  
 Location: John Sevier  
 Test Date: 5/6/09  
 Test Well: BA-8

AQUIFER DATA

Saturated Thickness: 21.97 ft  
 Anisotropy Ratio (Kz/Kr): 0.33

SLUG TEST WELL DATA

Test Well: BA-8

X Location: 0. ft  
 Y Location: 0. ft

Initial Displacement: 3.427 ft  
 Static Water Column Height: 16.27 ft  
 Casing Radius: 0.0417 ft  
 Well Radius: 0.0417 ft  
 Well Skin Radius: 0.333 ft  
 Screen Length: 10. ft  
 Total Well Penetration Depth: 16.27 ft

No. of Observations: 1924

Time (min)	Observation Data		Displacement (ft)
	Displacement (ft)	Time (min)	
0.01667	3.424	16.05	1.346
0.03333	3.422	16.07	1.341
0.05	3.419	16.08	1.344
0.06667	3.413	16.1	1.342
0.08333	3.41	16.12	1.336
0.1	3.409	16.13	1.337
0.1167	3.404	16.15	1.336
0.1333	3.399	16.17	1.335
0.15	3.397	16.18	1.332
0.1667	3.396	16.2	1.335
0.1833	3.384	16.22	1.334
0.2	3.383	16.23	1.331
0.2167	3.381	16.25	1.331
0.2333	3.368	16.27	1.327
0.25	3.365	16.28	1.326
0.2667	3.366	16.3	1.325
0.2833	3.362	16.32	1.322
0.3	3.357	16.33	1.319
0.3167	3.353	16.35	1.321
0.3333	3.347	16.37	1.318
0.35	3.344	16.38	1.317
0.3667	3.343	16.4	1.318
0.387	3.334	16.42	1.319
0.4	3.335	16.43	1.317
0.4167	3.328	16.45	1.313
0.4333	3.329	16.47	1.311
0.45	3.321	16.48	1.313
0.4726	3.313	16.5	1.311
0.4892	3.312	16.52	1.309
0.5059	3.305	16.53	1.308
0.5226	3.3	16.55	1.306

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<u>Time (min)</u>	<u>Displacement (ft)</u>	<u>Time (min)</u>	<u>Displacement (ft)</u>
0.5393	3.302	16.57	1.305
0.556	3.295	16.58	1.304
0.5726	3.291	16.6	1.304
0.5893	3.287	16.62	1.303
0.606	3.293	16.63	1.301
0.6227	3.28	16.65	1.298
0.6393	3.273	16.67	1.298
0.6561	3.271	16.68	1.299
0.6727	3.268	16.7	1.294
0.6894	3.264	16.72	1.295
0.7061	3.26	16.73	1.291
0.7228	3.255	16.75	1.295
0.7395	3.252	16.77	1.294
0.7561	3.249	16.78	1.292
0.7728	3.246	16.8	1.289
0.7895	3.244	16.82	1.287
0.8062	3.234	16.83	1.285
0.8228	3.235	16.85	1.284
0.8396	3.227	16.87	1.283
0.8562	3.227	16.88	1.28
0.8729	3.221	16.9	1.28
0.8896	3.219	16.92	1.279
0.9063	3.21	16.93	1.275
0.9167	3.213	16.95	1.277
0.9333	3.21	16.97	1.275
0.95	3.208	16.98	1.274
0.9667	3.204	17.	1.274
0.9833	3.198	17.02	1.273
1.	3.197	17.03	1.27
1.017	3.194	17.05	1.271
1.033	3.19	17.07	1.269
1.05	3.187	17.09	1.279
1.067	3.185	17.1	1.264
1.083	3.18	17.12	1.262
1.1	3.174	17.14	1.261
1.117	3.17	17.15	1.262
1.133	3.168	17.17	1.259
1.15	3.162	17.19	1.256
1.167	3.159	17.2	1.257
1.183	3.155	17.22	1.254
1.2	3.152	17.24	1.254
1.217	3.151	17.25	1.253
1.233	3.146	17.27	1.252
1.25	3.142	17.28	1.255
1.267	3.139	17.3	1.249
1.283	3.135	17.32	1.251
1.3	3.134	17.33	1.252
1.317	3.131	17.35	1.248
1.333	3.125	17.37	1.247
1.35	3.123	17.38	1.244
1.367	3.12	17.4	1.247
1.383	3.117	17.42	1.246
1.4	3.112	17.43	1.244
1.417	3.11	17.45	1.243
1.433	3.105	17.47	1.239
1.45	3.098	17.48	1.241
1.467	3.098	17.5	1.239
1.483	3.094	17.52	1.236
1.5	3.09	17.53	1.236
1.517	3.085	17.55	1.235
1.533	3.084	17.57	1.235
1.55	3.08	17.58	1.23
1.567	3.075	17.6	1.234
1.583	3.07	17.62	1.232
1.6	3.071	17.63	1.228
1.617	3.068	17.65	1.225
1.633	3.065	17.67	1.224

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<u>Time (min)</u>	<u>Displacement (ft)</u>	<u>Time (min)</u>	<u>Displacement (ft)</u>
1.65	3.06	17.68	1.221
1.667	3.056	17.7	1.224
1.683	3.051	17.72	1.221
1.7	3.048	17.73	1.218
1.717	3.047	17.75	1.22
1.733	3.042	17.77	1.219
1.75	3.041	17.78	1.214
1.767	3.038	17.8	1.217
1.783	3.032	17.82	1.217
1.8	3.033	17.83	1.211
1.817	3.028	17.85	1.212
1.833	3.024	17.87	1.209
1.85	3.024	17.88	1.209
1.867	3.018	17.9	1.206
1.883	3.012	17.92	1.209
1.9	3.011	17.93	1.208
1.917	3.008	17.95	1.203
1.933	3.003	17.97	1.203
1.95	3.002	17.98	1.204
1.967	3.	18.	1.202
1.983	2.995	18.02	1.2
2.	2.993	18.03	1.2
2.017	2.991	18.05	1.199
2.033	2.987	18.07	1.198
2.05	2.984	18.08	1.196
2.067	2.979	18.1	1.193
2.083	2.977	18.12	1.194
2.1	2.974	18.13	1.19
2.117	2.972	18.15	1.191
2.133	2.967	18.17	1.192
2.15	2.965	18.18	1.186
2.167	2.962	18.2	1.188
2.183	2.958	18.22	1.189
2.2	2.955	18.23	1.184
2.217	2.95	18.25	1.185
2.233	2.951	18.27	1.181
2.25	2.945	18.28	1.179
2.267	2.944	18.3	1.186
2.283	2.939	18.32	1.178
2.3	2.939	18.33	1.18
2.317	2.934	18.35	1.179
2.333	2.931	18.37	1.174
2.35	2.927	18.38	1.176
2.367	2.924	18.4	1.176
2.383	2.923	18.42	1.174
2.4	2.92	18.43	1.173
2.417	2.917	18.45	1.165
2.433	2.913	18.47	1.167
2.45	2.909	18.48	1.169
2.467	2.908	18.5	1.167
2.483	2.905	18.52	1.165
2.5	2.9	18.53	1.166
2.517	2.898	18.55	1.164
2.533	2.897	18.57	1.163
2.55	2.892	18.58	1.158
2.567	2.89	18.6	1.16
2.583	2.884	18.62	1.158
2.6	2.886	18.63	1.156
2.617	2.881	18.65	1.156
2.633	2.878	18.67	1.155
2.65	2.874	18.68	1.155
2.667	2.874	18.7	1.153
2.683	2.869	18.72	1.151
2.7	2.865	18.73	1.151
2.717	2.863	18.75	1.151
2.733	2.861	18.77	1.148
2.75	2.857	18.78	1.146



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<u>Time (min)</u>	<u>Displacement (ft)</u>	<u>Time (min)</u>	<u>Displacement (ft)</u>
2.767	2.855	18.8	1.147
2.783	2.852	18.82	1.143
2.8	2.849	18.83	1.143
2.817	2.845	18.85	1.142
2.833	2.843	18.87	1.142
2.85	2.84	18.88	1.144
2.867	2.838	18.9	1.141
2.883	2.833	18.92	1.137
2.9	2.831	18.93	1.138
2.917	2.828	18.95	1.138
2.933	2.824	18.97	1.133
2.95	2.822	18.98	1.133
2.967	2.82	19.	1.133
2.983	2.814	19.02	1.133
3.	2.815	19.03	1.13
3.017	2.811	19.05	1.129
3.033	2.808	19.07	1.127
3.05	2.806	19.08	1.125
3.067	2.804	19.1	1.125
3.083	2.798	19.12	1.124
3.1	2.798	19.13	1.124
3.117	2.792	19.15	1.123
3.133	2.792	19.17	1.121
3.15	2.789	19.18	1.12
3.167	2.787	19.2	1.12
3.183	2.784	19.22	1.119
3.2	2.777	19.23	1.119
3.217	2.776	19.25	1.116
3.233	2.774	19.27	1.114
3.25	2.773	19.28	1.114
3.267	2.768	19.3	1.113
3.283	2.766	19.32	1.112
3.3	2.763	19.33	1.11
3.317	2.762	19.35	1.108
3.333	2.754	19.37	1.108
3.35	2.753	19.38	1.11
3.367	2.752	19.4	1.106
3.391	2.748	19.42	1.103
3.408	2.744	19.43	1.104
3.425	2.742	19.45	1.101
3.441	2.733	19.47	1.101
3.458	2.734	19.48	1.104
3.475	2.732	19.5	1.101
3.491	2.73	19.52	1.102
3.508	2.726	19.53	1.098
3.525	2.722	19.55	1.096
3.541	2.718	19.57	1.097
3.558	2.714	19.58	1.095
3.575	2.712	19.6	1.098
3.591	2.72	19.62	1.091
3.608	2.709	19.63	1.091
3.625	2.704	19.65	1.091
3.633	2.705	19.67	1.091
3.65	2.703	19.68	1.089
3.667	2.704	19.7	1.089
3.683	2.699	19.72	1.086
3.7	2.697	19.73	1.084
3.717	2.693	19.75	1.087
3.733	2.692	19.77	1.083
3.75	2.686	19.78	1.084
3.767	2.682	19.8	1.078
3.783	2.682	19.82	1.08
3.8	2.68	19.83	1.081
3.817	2.678	19.85	1.079
3.833	2.672	19.87	1.078
3.85	2.671	19.88	1.078
3.867	2.672	19.9	1.073

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<u>Time (min)</u>	<u>Displacement (ft)</u>	<u>Time (min)</u>	<u>Displacement (ft)</u>
3.883	2.668	19.92	1.073
3.9	2.662	19.93	1.074
3.917	2.664	19.95	1.072
3.933	2.658	19.97	1.071
3.95	2.655	19.98	1.068
3.967	2.655	20.	1.071
3.983	2.649	20.02	1.069
4.	2.649	20.03	1.068
4.017	2.647	20.05	1.063
4.033	2.645	20.07	1.067
4.05	2.64	20.08	1.064
4.067	2.637	20.1	1.063
4.083	2.633	20.12	1.062
4.1	2.635	20.13	1.061
4.117	2.633	20.15	1.061
4.133	2.633	20.17	1.06
4.15	2.626	20.18	1.056
4.167	2.618	20.2	1.055
4.183	2.621	20.22	1.054
4.2	2.617	20.23	1.054
4.217	2.617	20.25	1.055
4.233	2.614	20.27	1.054
4.25	2.61	20.28	1.052
4.267	2.607	20.3	1.051
4.283	2.608	20.32	1.049
4.3	2.604	20.33	1.047
4.317	2.6	20.35	1.045
4.333	2.598	20.37	1.047
4.35	2.593	20.38	1.046
4.367	2.597	20.4	1.043
4.383	2.59	20.42	1.042
4.4	2.584	20.43	1.042
4.417	2.583	20.45	1.043
4.433	2.583	20.47	1.039
4.45	2.577	20.48	1.04
4.467	2.577	20.5	1.037
4.483	2.573	20.52	1.038
4.5	2.572	20.53	1.036
4.517	2.569	20.55	1.035
4.533	2.567	20.57	1.033
4.55	2.564	20.58	1.036
4.567	2.563	20.6	1.031
4.583	2.559	20.62	1.032
4.6	2.558	20.63	1.031
4.617	2.555	20.65	1.032
4.633	2.553	20.67	1.03
4.65	2.551	20.68	1.03
4.667	2.546	20.7	1.028
4.683	2.548	20.72	1.027
4.7	2.541	20.73	1.024
4.717	2.538	20.75	1.024
4.733	2.537	20.77	1.023
4.75	2.535	20.78	1.022
4.767	2.534	20.8	1.021
4.783	2.53	20.82	1.019
4.8	2.529	20.83	1.017
4.817	2.524	20.85	1.02
4.833	2.524	20.87	1.016
4.85	2.52	20.88	1.014
4.867	2.519	20.9	1.015
4.883	2.514	20.92	1.015
4.9	2.512	20.93	1.012
4.917	2.511	20.95	1.013
4.933	2.508	20.97	1.009
4.95	2.503	20.98	1.009
4.967	2.506	21.	1.01
4.983	2.502	21.02	1.006

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<u>Time (min)</u>	<u>Displacement (ft)</u>	<u>Time (min)</u>	<u>Displacement (ft)</u>
5.	2.5	21.03	1.006
5.017	2.497	21.05	1.005
5.033	2.497	21.07	1.006
5.05	2.492	21.08	1.003
5.067	2.491	21.1	1.006
5.083	2.485	21.12	1.003
5.1	2.485	21.13	1.001
5.117	2.48	21.15	1.
5.133	2.478	21.17	0.998
5.15	2.476	21.18	0.999
5.167	2.475	21.2	0.998
5.183	2.473	21.22	0.997
5.2	2.469	21.23	0.995
5.217	2.47	21.25	0.992
5.233	2.465	21.27	0.99
5.25	2.462	21.28	0.991
5.267	2.459	21.3	0.989
5.283	2.459	21.32	0.99
5.3	2.455	21.33	0.988
5.317	2.456	21.35	0.988
5.333	2.451	21.37	0.986
5.35	2.449	21.38	0.986
5.367	2.448	21.4	0.984
5.383	2.444	21.42	0.984
5.4	2.44	21.43	0.983
5.417	2.438	21.45	0.981
5.433	2.437	21.47	0.982
5.45	2.434	21.48	0.979
5.467	2.431	21.5	0.979
5.483	2.43	21.52	0.978
5.5	2.425	21.53	0.973
5.517	2.426	21.55	0.976
5.533	2.422	21.57	0.975
5.55	2.419	21.58	0.976
5.567	2.416	21.6	0.971
5.583	2.416	21.62	0.972
5.6	2.413	21.63	0.972
5.617	2.413	21.65	0.97
5.633	2.41	21.67	0.971
5.65	2.409	21.68	0.967
5.667	2.406	21.7	0.97
5.683	2.404	21.72	0.969
5.7	2.402	21.73	0.965
5.717	2.397	21.75	0.965
5.733	2.395	21.77	0.965
5.75	2.393	21.78	0.964
5.767	2.393	21.8	0.961
5.783	2.39	21.82	0.959
5.8	2.387	21.83	0.961
5.817	2.382	21.85	0.958
5.833	2.381	21.87	0.958
5.85	2.378	21.88	0.958
5.867	2.378	21.9	0.954
5.883	2.377	21.92	0.953
5.9	2.371	21.93	0.955
5.917	2.369	21.95	0.952
5.933	2.368	21.97	0.952
5.95	2.366	21.98	0.952
5.967	2.363	22.	0.95
5.983	2.362	22.02	0.948
6.	2.362	22.03	0.945
6.017	2.358	22.05	0.946
6.033	2.353	22.07	0.946
6.05	2.352	22.08	0.945
6.067	2.352	22.1	0.945
6.083	2.352	22.12	0.944
6.1	2.346	22.13	0.941

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<u>Time (min)</u>	<u>Displacement (ft)</u>	<u>Time (min)</u>	<u>Displacement (ft)</u>
6.117	2.345	22.15	0.943
6.133	2.342	22.17	0.939
6.15	2.338	22.18	0.939
6.167	2.337	22.2	0.939
6.183	2.334	22.22	0.937
6.2	2.332	22.23	0.938
6.217	2.331	22.25	0.936
6.233	2.328	22.27	0.935
6.25	2.323	22.28	0.932
6.267	2.323	22.3	0.93
6.283	2.319	22.32	0.931
6.3	2.32	22.33	0.932
6.317	2.316	22.35	0.93
6.333	2.311	22.37	0.93
6.35	2.313	22.38	0.928
6.367	2.308	22.4	0.928
6.383	2.304	22.42	0.924
6.4	2.305	22.43	0.927
6.417	2.303	22.45	0.925
6.433	2.3	22.47	0.922
6.45	2.3	22.48	0.924
6.467	2.293	22.5	0.921
6.483	2.293	22.52	0.921
6.5	2.292	22.53	0.922
6.517	2.291	22.55	0.919
6.533	2.29	22.57	0.917
6.55	2.285	22.58	0.916
6.569	2.284	22.6	0.917
6.586	2.281	22.62	0.914
6.603	2.274	22.63	0.912
6.619	2.273	22.65	0.916
6.636	2.273	22.67	0.914
6.653	2.272	22.68	0.912
6.667	2.27	22.7	0.911
6.683	2.266	22.72	0.908
6.7	2.266	22.73	0.911
6.717	2.264	22.75	0.907
6.733	2.263	22.77	0.906
6.75	2.259	22.78	0.903
6.767	2.256	22.8	0.905
6.783	2.258	22.82	0.903
6.8	2.255	22.83	0.904
6.817	2.254	22.85	0.901
6.833	2.251	22.87	0.902
6.85	2.245	22.88	0.9
6.867	2.245	22.9	0.901
6.883	2.241	22.92	0.895
6.9	2.242	22.93	0.896
6.917	2.24	22.95	0.894
6.933	2.235	22.97	0.895
6.95	2.234	22.98	0.894
6.967	2.232	23.	0.896
6.983	2.229	23.02	0.891
7.	2.225	23.03	0.892
7.017	2.223	23.05	0.89
7.033	2.223	23.07	0.891
7.05	2.222	23.08	0.889
7.067	2.22	23.1	0.889
7.083	2.22	23.12	0.888
7.1	2.215	23.13	0.885
7.117	2.214	23.15	0.888
7.133	2.213	23.17	0.885
7.15	2.21	23.18	0.884
7.167	2.206	23.2	0.883
7.183	2.206	23.22	0.884
7.2	2.204	23.23	0.88
7.217	2.201	23.25	0.877

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<u>Time (min)</u>	<u>Displacement (ft)</u>	<u>Time (min)</u>	<u>Displacement (ft)</u>
7.233	2.2	23.27	0.876
7.25	2.196	23.28	0.877
7.267	2.195	23.3	0.877
7.283	2.193	23.32	0.877
7.3	2.192	23.33	0.874
7.317	2.19	23.35	0.874
7.333	2.187	23.37	0.871
7.35	2.182	23.38	0.872
7.367	2.182	23.4	0.883
7.383	2.182	23.42	0.87
7.4	2.177	23.44	0.869
7.417	2.178	23.45	0.866
7.433	2.178	23.47	0.868
7.45	2.175	23.49	0.865
7.467	2.172	23.5	0.861
7.483	2.169	23.52	0.863
7.5	2.168	23.54	0.861
7.517	2.166	23.55	0.866
7.533	2.161	23.57	0.866
7.55	2.162	23.58	0.866
7.567	2.158	23.6	0.861
7.583	2.157	23.62	0.858
7.6	2.156	23.63	0.858
7.617	2.151	23.65	0.859
7.633	2.152	23.67	0.855
7.65	2.149	23.68	0.859
7.667	2.146	23.7	0.852
7.683	2.146	23.72	0.856
7.7	2.141	23.73	0.854
7.717	2.141	23.75	0.858
7.733	2.14	23.77	0.856
7.75	2.137	23.78	0.849
7.767	2.136	23.8	0.85
7.783	2.132	23.82	0.849
7.8	2.132	23.83	0.847
7.817	2.129	23.85	0.851
7.833	2.128	23.87	0.845
7.85	2.124	23.88	0.845
7.867	2.124	23.9	0.848
7.883	2.119	23.92	0.848
7.9	2.118	23.93	0.845
7.917	2.118	23.95	0.842
7.933	2.117	23.97	0.845
7.95	2.114	23.98	0.842
7.967	2.112	24.	0.838
7.983	2.111	24.02	0.839
8.	2.106	24.03	0.836
8.017	2.104	24.05	0.839
8.033	2.104	24.07	0.834
8.05	2.106	24.08	0.833
8.067	2.1	24.1	0.834
8.083	2.097	24.12	0.83
8.1	2.096	24.13	0.835
8.117	2.093	24.15	0.834
8.133	2.092	24.17	0.831
8.15	2.092	24.18	0.831
8.167	2.089	24.2	0.826
8.183	2.087	24.22	0.827
8.2	2.087	24.23	0.828
8.217	2.083	24.25	0.829
8.233	2.082	24.27	0.825
8.25	2.08	24.28	0.826
8.267	2.076	24.3	0.823
8.283	2.075	24.32	0.824
8.3	2.075	24.33	0.82
8.317	2.071	24.35	0.823
8.333	2.068	24.37	0.82

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<u>Time (min)</u>	<u>Displacement (ft)</u>	<u>Time (min)</u>	<u>Displacement (ft)</u>
8.35	2.069	24.38	0.819
8.367	2.066	24.4	0.818
8.383	2.065	24.42	0.818
8.4	2.062	24.43	0.818
8.417	2.056	24.45	0.816
8.433	2.058	24.47	0.814
8.45	2.055	24.48	0.811
8.467	2.05	24.5	0.815
8.483	2.053	24.52	0.812
8.5	2.051	24.53	0.81
8.517	2.046	24.55	0.813
8.533	2.044	24.57	0.811
8.55	2.042	24.58	0.808
8.567	2.044	24.6	0.81
8.583	2.038	24.62	0.808
8.6	2.037	24.63	0.809
8.617	2.035	24.65	0.808
8.633	2.032	24.67	0.805
8.65	2.034	24.68	0.805
8.667	2.032	24.7	0.804
8.683	2.028	24.72	0.804
8.7	2.028	24.73	0.801
8.717	2.025	24.75	0.802
8.733	2.023	24.77	0.802
8.75	2.022	24.78	0.798
8.767	2.022	24.8	0.798
8.783	2.018	24.82	0.797
8.8	2.015	24.83	0.798
8.817	2.013	24.85	0.797
8.833	2.011	24.87	0.796
8.85	2.01	24.88	0.797
8.867	2.007	24.9	0.795
8.883	2.003	24.92	0.794
8.9	2.006	24.93	0.794
8.917	1.999	24.95	0.794
8.933	2.003	24.97	0.789
8.95	1.998	24.98	0.79
8.967	1.999	25.	0.788
8.983	1.994	25.02	0.788
9.	1.99	25.03	0.784
9.017	1.991	25.05	0.788
9.033	1.987	25.07	0.786
9.05	1.987	25.08	0.785
9.067	1.987	25.1	0.782
9.083	1.984	25.12	0.783
9.1	1.979	25.13	0.78
9.117	1.977	25.15	0.781
9.133	1.975	25.17	0.78
9.15	1.973	25.18	0.781
9.167	1.972	25.2	0.777
9.183	1.973	25.22	0.78
9.2	1.97	25.23	0.777
9.217	1.971	25.25	0.774
9.233	1.964	25.27	0.774
9.25	1.963	25.28	0.773
9.267	1.96	25.3	0.772
9.283	1.96	25.32	0.773
9.3	1.957	25.33	0.772
9.317	1.956	25.35	0.773
9.333	1.952	25.37	0.769
9.35	1.949	25.38	0.768
9.367	1.953	25.4	0.766
9.383	1.948	25.42	0.766
9.4	1.945	25.43	0.767
9.417	1.945	25.45	0.766
9.433	1.941	25.47	0.766
9.45	1.944	25.48	0.766

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<u>Time (min)</u>	<u>Displacement (ft)</u>	<u>Time (min)</u>	<u>Displacement (ft)</u>
9.467	1.938	25.5	0.767
9.483	1.941	25.52	0.763
9.5	1.939	25.53	0.761
9.517	1.933	25.55	0.761
9.533	1.927	25.57	0.759
9.55	1.93	25.58	0.759
9.567	1.927	25.6	0.756
9.583	1.926	25.62	0.758
9.6	1.924	25.63	0.756
9.617	1.923	25.65	0.755
9.633	1.923	25.67	0.757
9.65	1.917	25.68	0.754
9.667	1.918	25.7	0.752
9.683	1.917	25.72	0.755
9.7	1.915	25.73	0.754
9.717	1.911	25.75	0.751
9.733	1.912	25.77	0.752
9.75	1.91	25.78	0.749
9.767	1.903	25.8	0.749
9.783	1.905	25.82	0.745
9.8	1.905	25.83	0.746
9.817	1.901	25.85	0.744
9.833	1.899	25.87	0.745
9.85	1.899	25.88	0.744
9.867	1.894	25.9	0.746
9.883	1.894	25.92	0.745
9.9	1.893	25.93	0.742
9.917	1.89	25.95	0.742
9.933	1.886	25.97	0.741
9.95	1.887	25.98	0.741
9.967	1.881	26.	0.74
9.983	1.885	26.02	0.739
10.	1.88	26.03	0.735
10.02	1.88	26.05	0.739
10.03	1.879	26.07	0.736
10.05	1.875	26.08	0.736
10.07	1.873	26.1	0.734
10.08	1.872	26.12	0.734
10.1	1.871	26.13	0.737
10.12	1.869	26.15	0.733
10.13	1.869	26.17	0.732
10.15	1.865	26.18	0.729
10.17	1.863	26.2	0.732
10.18	1.862	26.22	0.728
10.2	1.859	26.23	0.73
10.22	1.861	26.25	0.725
10.23	1.857	26.27	0.728
10.25	1.855	26.28	0.728
10.27	1.853	26.3	0.726
10.28	1.85	26.32	0.727
10.3	1.85	26.33	0.722
10.32	1.847	26.35	0.72
10.33	1.848	26.37	0.723
10.35	1.845	26.38	0.719
10.37	1.844	26.4	0.718
10.38	1.844	26.42	0.719
10.4	1.839	26.43	0.718
10.42	1.838	26.45	0.719
10.43	1.837	26.47	0.718
10.45	1.835	26.48	0.715
10.47	1.833	26.5	0.715
10.48	1.83	26.52	0.716
10.5	1.828	26.53	0.714
10.52	1.827	26.55	0.715
10.53	1.83	26.57	0.712
10.55	1.824	26.58	0.711
10.57	1.822	26.6	0.71

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<u>Time (min)</u>	<u>Displacement (ft)</u>	<u>Time (min)</u>	<u>Displacement (ft)</u>
10.58	1.819	26.62	0.711
10.6	1.82	26.63	0.712
10.62	1.82	26.65	0.711
10.63	1.815	26.67	0.708
10.65	1.813	26.69	0.707
10.67	1.812	26.71	0.706
10.68	1.813	26.72	0.707
10.7	1.809	26.73	0.706
10.72	1.808	26.75	0.707
10.73	1.806	26.77	0.703
10.75	1.802	26.78	0.702
10.77	1.802	26.8	0.703
10.78	1.799	26.82	0.704
10.8	1.798	26.83	0.702
10.82	1.796	26.85	0.698
10.83	1.798	26.87	0.699
10.85	1.788	26.88	0.702
10.87	1.794	26.9	0.698
10.88	1.79	26.92	0.698
10.9	1.788	26.93	0.697
10.92	1.789	26.95	0.692
10.93	1.789	26.97	0.695
10.95	1.785	26.98	0.693
10.97	1.784	27.	0.691
10.98	1.781	27.02	0.691
11.	1.776	27.03	0.691
11.02	1.778	27.05	0.688
11.03	1.777	27.07	0.693
11.05	1.774	27.08	0.688
11.07	1.773	27.1	0.685
11.08	1.772	27.12	0.687
11.1	1.769	27.13	0.687
11.12	1.769	27.15	0.687
11.13	1.768	27.17	0.684
11.15	1.765	27.18	0.685
11.17	1.765	27.2	0.686
11.18	1.763	27.22	0.683
11.2	1.762	27.23	0.682
11.22	1.759	27.25	0.681
11.23	1.755	27.27	0.678
11.25	1.755	27.28	0.679
11.27	1.753	27.3	0.681
11.28	1.749	27.32	0.678
11.3	1.751	27.33	0.679
11.32	1.749	27.35	0.68
11.33	1.748	27.37	0.675
11.35	1.745	27.38	0.675
11.37	1.745	27.4	0.674
11.38	1.743	27.42	0.674
11.4	1.743	27.43	0.674
11.42	1.738	27.45	0.673
11.43	1.739	27.47	0.671
11.45	1.737	27.48	0.672
11.47	1.736	27.5	0.672
11.48	1.735	27.52	0.671
11.5	1.73	27.53	0.67
11.52	1.732	27.55	0.667
11.53	1.73	27.57	0.669
11.55	1.729	27.58	0.666
11.57	1.727	27.6	0.667
11.58	1.725	27.62	0.666
11.6	1.722	27.63	0.665
11.62	1.723	27.65	0.663
11.63	1.718	27.67	0.664
11.65	1.719	27.68	0.662
11.67	1.715	27.7	0.66
11.68	1.713	27.72	0.66



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<u>Time (min)</u>	<u>Displacement (ft)</u>	<u>Time (min)</u>	<u>Displacement (ft)</u>
11.7	1.713	27.73	0.66
11.72	1.712	27.75	0.658
11.73	1.708	27.77	0.661
11.75	1.709	27.78	0.66
11.77	1.708	27.8	0.658
11.78	1.707	27.82	0.655
11.8	1.704	27.83	0.655
11.82	1.702	27.85	0.654
11.83	1.701	27.87	0.658
11.85	1.7	27.88	0.653
11.87	1.696	27.9	0.65
11.88	1.696	27.92	0.648
11.9	1.697	27.93	0.656
11.92	1.696	27.95	0.652
11.93	1.692	27.97	0.649
11.95	1.692	27.98	0.649
11.97	1.687	28.	0.649
11.98	1.689	28.02	0.646
12.	1.683	28.03	0.646
12.02	1.685	28.05	0.647
12.03	1.686	28.07	0.644
12.05	1.684	28.08	0.644
12.07	1.678	28.1	0.646
12.08	1.679	28.12	0.643
12.1	1.68	28.13	0.644
12.12	1.678	28.15	0.639
12.13	1.674	28.17	0.642
12.15	1.673	28.18	0.643
12.17	1.67	28.2	0.638
12.18	1.666	28.22	0.637
12.2	1.67	28.23	0.64
12.22	1.665	28.25	0.64
12.23	1.667	28.27	0.638
12.25	1.66	28.28	0.636
12.27	1.661	28.3	0.633
12.28	1.661	28.32	0.633
12.3	1.656	28.33	0.632
12.32	1.655	28.35	0.633
12.33	1.656	28.37	0.633
12.35	1.658	28.38	0.633
12.37	1.652	28.4	0.63
12.38	1.652	28.42	0.63
12.4	1.652	28.43	0.628
12.42	1.65	28.45	0.627
12.43	1.646	28.47	0.628
12.45	1.643	28.48	0.626
12.47	1.644	28.5	0.629
12.48	1.643	28.52	0.623
12.5	1.638	28.53	0.622
12.52	1.638	28.55	0.622
12.53	1.636	28.57	0.621
12.55	1.631	28.58	0.622
12.57	1.637	28.6	0.625
12.58	1.63	28.62	0.621
12.6	1.633	28.63	0.622
12.62	1.63	28.65	0.619
12.63	1.628	28.67	0.616
12.65	1.623	28.68	0.614
12.67	1.623	28.7	0.617
12.68	1.624	28.72	0.616
12.7	1.625	28.73	0.615
12.72	1.62	28.75	0.617
12.73	1.618	28.77	0.613
12.75	1.618	28.78	0.615
12.77	1.616	28.8	0.612
12.78	1.612	28.82	0.611
12.8	1.614	28.83	0.61

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<u>Time (min)</u>	<u>Displacement (ft)</u>	<u>Time (min)</u>	<u>Displacement (ft)</u>
12.82	1.611	28.85	0.611
12.83	1.61	28.87	0.611
12.85	1.61	28.88	0.607
12.87	1.609	28.9	0.607
12.88	1.608	28.92	0.609
12.9	1.605	28.93	0.604
12.92	1.603	28.95	0.605
12.93	1.602	28.97	0.603
12.95	1.598	28.98	0.603
12.97	1.599	29.	0.605
12.98	1.594	29.02	0.605
13.	1.597	29.03	0.607
13.02	1.59	29.05	0.603
13.03	1.59	29.07	0.604
13.05	1.59	29.08	0.598
13.07	1.589	29.1	0.601
13.08	1.588	29.12	0.601
13.1	1.589	29.13	0.596
13.12	1.583	29.15	0.593
13.13	1.583	29.17	0.597
13.15	1.583	29.18	0.592
13.17	1.58	29.2	0.596
13.18	1.58	29.22	0.597
13.2	1.577	29.23	0.594
13.22	1.574	29.25	0.597
13.23	1.576	29.27	0.593
13.25	1.571	29.28	0.591
13.27	1.571	29.3	0.59
13.28	1.571	29.32	0.587
13.3	1.568	29.33	0.59
13.32	1.568	29.35	0.591
13.33	1.566	29.37	0.587
13.35	1.566	29.38	0.591
13.37	1.566	29.4	0.588
13.38	1.563	29.42	0.585
13.41	1.559	29.43	0.586
13.42	1.559	29.45	0.584
13.44	1.556	29.47	0.583
13.46	1.55	29.48	0.584
13.47	1.555	29.5	0.583
13.49	1.55	29.52	0.583
13.51	1.549	29.53	0.583
13.52	1.547	29.55	0.582
13.54	1.544	29.57	0.578
13.56	1.543	29.58	0.579
13.57	1.544	29.6	0.578
13.59	1.542	29.62	0.579
13.61	1.539	29.63	0.576
13.62	1.539	29.65	0.576
13.64	1.536	29.67	0.575
13.65	1.539	29.68	0.574
13.67	1.537	29.7	0.574
13.68	1.536	29.72	0.573
13.7	1.539	29.73	0.574
13.72	1.531	29.75	0.574
13.73	1.533	29.77	0.573
13.75	1.532	29.78	0.572
13.77	1.524	29.8	0.568
13.78	1.523	29.82	0.572
13.8	1.525	29.83	0.571
13.82	1.522	29.85	0.568
13.83	1.523	29.87	0.568
13.85	1.521	29.88	0.565
13.87	1.52	29.9	0.569
13.88	1.522	29.92	0.566
13.9	1.517	29.93	0.563
13.92	1.514	29.95	0.563

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<u>Time (min)</u>	<u>Displacement (ft)</u>	<u>Time (min)</u>	<u>Displacement (ft)</u>
13.93	1.515	29.97	0.565
13.95	1.513	29.98	0.563
13.97	1.511	30.	0.566
13.98	1.507	30.02	0.567
14.	1.51	30.03	0.559
14.02	1.508	30.05	0.561
14.03	1.507	30.07	0.56
14.05	1.504	30.08	0.558
14.07	1.501	30.1	0.558
14.08	1.502	30.12	0.557
14.1	1.498	30.13	0.558
14.12	1.496	30.15	0.556
14.13	1.497	30.17	0.556
14.15	1.493	30.18	0.554
14.17	1.496	30.2	0.554
14.18	1.493	30.22	0.553
14.2	1.491	30.23	0.553
14.22	1.49	30.25	0.552
14.23	1.489	30.27	0.553
14.25	1.488	30.28	0.552
14.27	1.488	30.3	0.55
14.28	1.483	30.32	0.547
14.3	1.482	30.33	0.545
14.32	1.485	30.35	0.547
14.33	1.483	30.37	0.547
14.35	1.479	30.38	0.548
14.37	1.479	30.4	0.551
14.38	1.478	30.42	0.546
14.4	1.472	30.43	0.543
14.42	1.474	30.45	0.543
14.43	1.474	30.47	0.546
14.45	1.47	30.48	0.545
14.47	1.473	30.5	0.539
14.48	1.469	30.52	0.542
14.5	1.467	30.53	0.542
14.52	1.465	30.55	0.538
14.53	1.465	30.57	0.538
14.55	1.462	30.58	0.541
14.57	1.462	30.6	0.54
14.58	1.46	30.62	0.54
14.6	1.462	30.63	0.535
14.62	1.457	30.65	0.537
14.63	1.456	30.67	0.536
14.65	1.457	30.68	0.535
14.67	1.453	30.7	0.532
14.68	1.452	30.72	0.535
14.7	1.451	30.73	0.537
14.72	1.45	30.75	0.532
14.73	1.449	30.77	0.535
14.75	1.443	30.78	0.531
14.77	1.444	30.8	0.528
14.78	1.443	30.82	0.526
14.8	1.443	30.83	0.528
14.82	1.441	30.85	0.53
14.83	1.44	30.87	0.529
14.85	1.439	30.88	0.528
14.87	1.437	30.9	0.528
14.88	1.437	30.92	0.522
14.9	1.433	30.93	0.526
14.92	1.434	30.95	0.523
14.93	1.433	30.97	0.522
14.95	1.43	30.98	0.524
14.97	1.426	31.	0.522
14.98	1.428	31.02	0.523
15.	1.427	31.03	0.516
15.02	1.427	31.05	0.526
15.03	1.425	31.07	0.516

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
15.05	1.423	31.08	0.517
15.07	1.422	31.1	0.519
15.08	1.419	31.12	0.518
15.1	1.418	31.13	0.514
15.12	1.415	31.15	0.517
15.13	1.416	31.17	0.517
15.15	1.415	31.18	0.519
15.17	1.416	31.2	0.513
15.18	1.411	31.22	0.513
15.2	1.41	31.23	0.516
15.22	1.41	31.25	0.511
15.23	1.409	31.27	0.511
15.25	1.408	31.28	0.513
15.27	1.405	31.3	0.51
15.28	1.405	31.32	0.512
15.3	1.404	31.33	0.51
15.32	1.398	31.35	0.509
15.33	1.4	31.37	0.509
15.35	1.397	31.38	0.508
15.37	1.396	31.4	0.51
15.38	1.395	31.42	0.505
15.4	1.396	31.43	0.507
15.42	1.391	31.45	0.505
15.43	1.393	31.47	0.507
15.45	1.391	31.48	0.505
15.47	1.387	31.5	0.502
15.48	1.388	31.52	0.503
15.5	1.383	31.53	0.501
15.52	1.388	31.55	0.502
15.53	1.38	31.57	0.5
15.55	1.383	31.58	0.497
15.57	1.384	31.6	0.502
15.58	1.376	31.62	0.503
15.6	1.377	31.63	0.499
15.62	1.376	31.65	0.5
15.63	1.379	31.67	0.508
15.65	1.374	31.68	0.495
15.67	1.374	31.7	0.494
15.68	1.372	31.72	0.496
15.7	1.371	31.74	0.494
15.72	1.371	31.75	0.494
15.73	1.37	31.77	0.492
15.75	1.368	31.79	0.492
15.77	1.367	31.8	0.487
15.78	1.368	31.82	0.489
15.8	1.364	31.84	0.489
15.82	1.358	31.85	0.487
15.83	1.36	31.87	0.486
15.85	1.358	31.89	0.495
15.87	1.359	31.9	0.49
15.88	1.358	31.92	0.486
15.9	1.353	31.93	0.489
15.92	1.355	31.95	0.493
15.93	1.354	31.97	0.488
15.95	1.352	31.98	0.489
15.97	1.352	32.	0.493
15.98	1.35	32.02	0.484
16.	1.347	32.03	0.486
16.02	1.343	32.05	0.486
16.03	1.347	32.07	0.481

SOLUTION

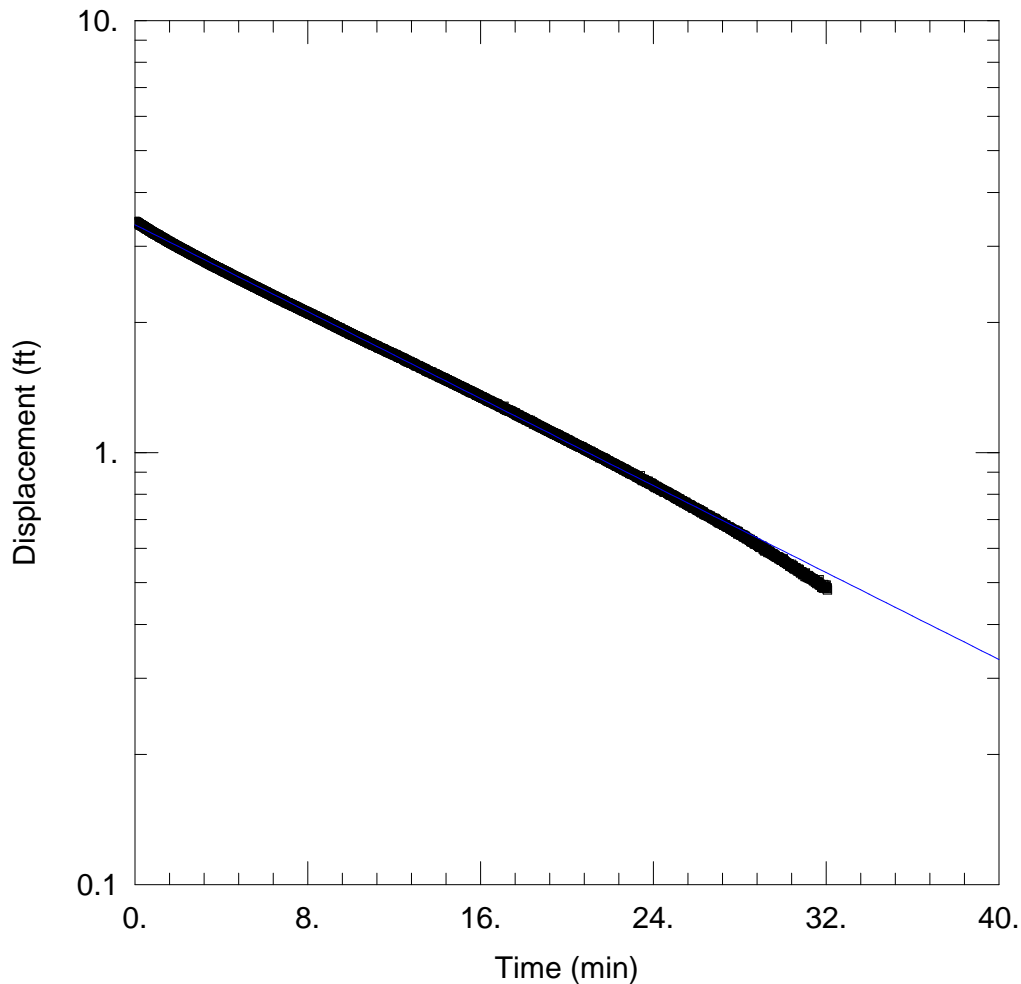
Slug Test  
 Aquifer Model: Unconfined  
 Solution Method: Bouwer-Rice  
 ln(Re/rw): 4.713

VISUAL ESTIMATION RESULTS

Estimated Parameters

<u>Parameter</u>	<u>Estimate</u>	
K	1.121E-5	cm/sec
y0	3.368	ft

$T = K*b = 0.007507 \text{ cm}^2/\text{sec}$



### WELL TEST ANALYSIS

Data Set: V:\1755\active\175569038\geotechnical\field\_data\Slug Test\AQTESOLV Files\BA-8.aqt  
 Date: 10/22/09 Time: 10:09:53

### PROJECT INFORMATION

Company: Stantec  
 Client: TVA  
 Project: 175569038  
 Location: John Sevier  
 Test Well: BA-8  
 Test Date: 5/6/09

### AQUIFER DATA

Saturated Thickness: 21.97 ft Anisotropy Ratio (Kz/Kr): 0.33

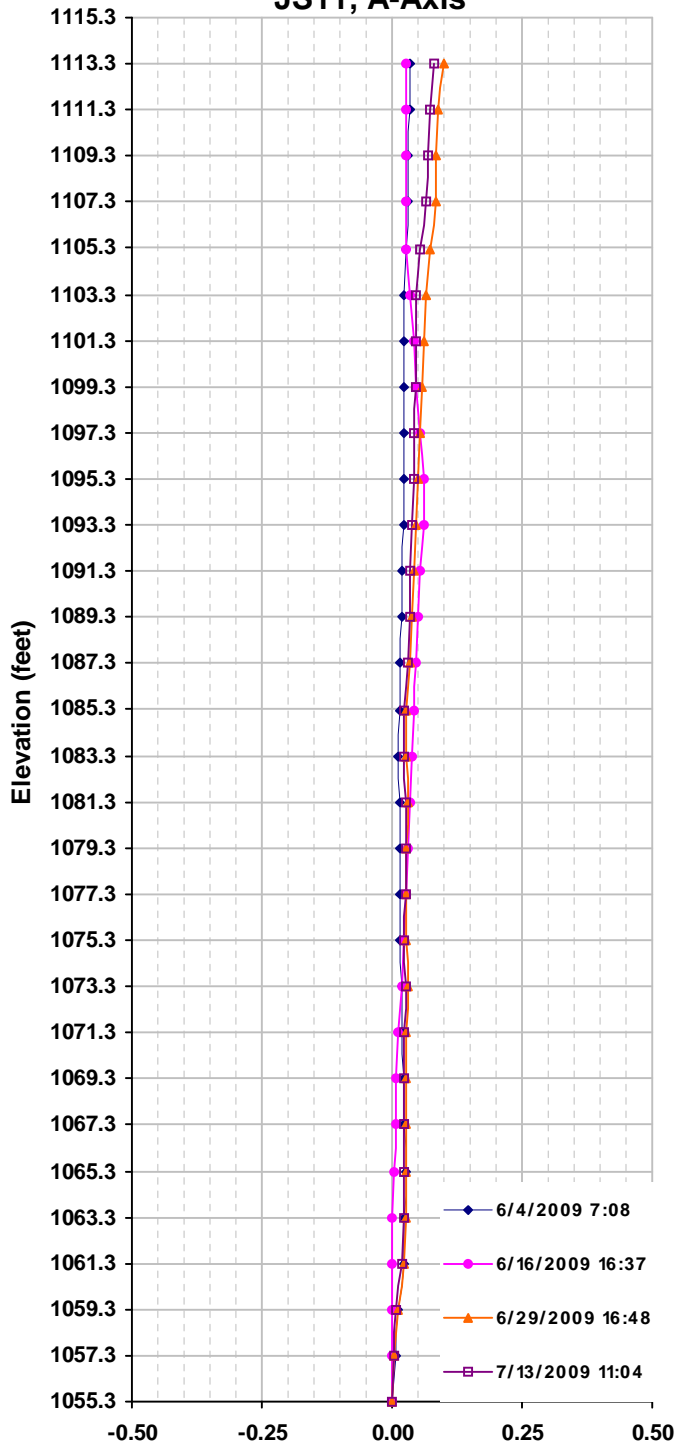
### WELL DATA (BA-8)

Initial Displacement: 3.427 ft Static Water Column Height: 16.27 ft  
 Total Well Penetration Depth: 16.27 ft Screen Length: 10. ft  
 Casing Radius: 0.0417 ft Well Radius: 0.0417 ft

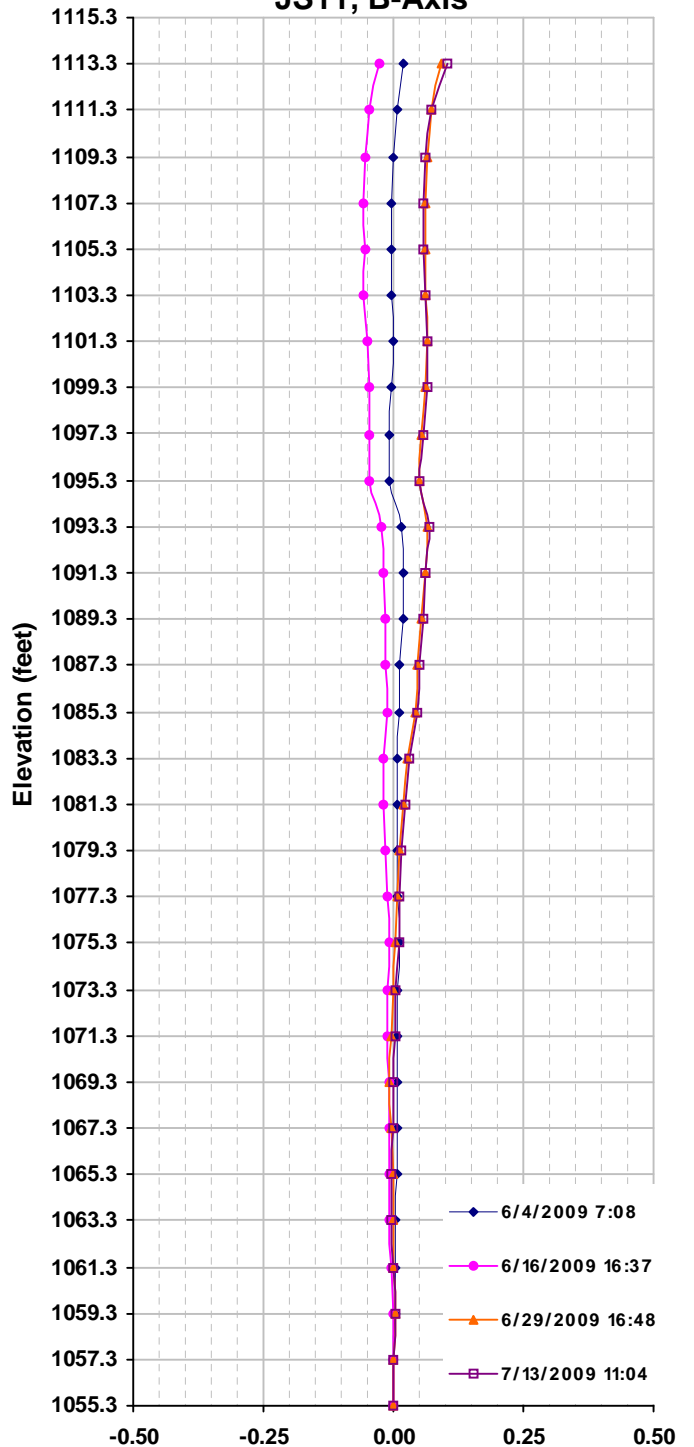
### SOLUTION

Aquifer Model: Unconfined Solution Method: Bouwer-Rice  
 K = 1.121E-5 cm/sec y0 = 3.368 ft

JS11, A-Axis

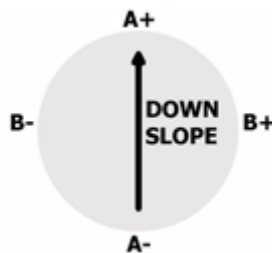


JS11, B-Axis



Cumulative Displacement (in) from 5/19/2009

Cumulative Displacement (in) from 5/19/2009



John Sevier Fossil Plant

Rogersville, TN

175569038

7/16/2009

**SITE** JSF  
**INSTALLATION** JS11  
**DESCRIPTION**

**CURRENT SURVEY** 6/4/2009 7:08:54 AM

**INITIAL SURVEY** 5/19/2009 11:40:58 AM

**DATE PRINTED** 7/15/2009 7:45:22 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-2	21	-0.0138	3	25	-0.0132	0.0006	0.0336
4	43	-26	0.0414	50	-22	0.0432	0.0018	0.0330
6	58	-33	0.0546	57	-35	0.0552	0.0006	0.0312
8	25	-1	0.0156	29	-3	0.0192	0.0036	0.0306
10	-121	146	-0.1602	-118	143	-0.1566	0.0036	0.0270
12	-309	330	-0.3834	-307	331	-0.3828	0.0006	0.0234
14	-463	487	-0.5700	-462	489	-0.5706	-0.0006	0.0228
16	-639	662	-0.7806	-638	662	-0.7800	0.0006	0.0234
18	-845	870	-1.0290	-846	870	-1.0296	-0.0006	0.0228
20	-1060	1081	-1.2846	-1057	1081	-1.2828	0.0018	0.0234
22	-1081	1104	-1.3110	-1079	1102	-1.3086	0.0024	0.0216
24	-974	999	-1.1838	-974	998	-1.1832	0.0006	0.0192
26	-942	965	-1.1442	-941	963	-1.1424	0.0018	0.0186
28	-955	979	-1.1604	-953	977	-1.1580	0.0024	0.0168
30	-997	1022	-1.2114	-995	1021	-1.2096	0.0018	0.0144
32	-967	990	-1.1742	-969	991	-1.1760	-0.0018	0.0126
34	-898	923	-1.0926	-897	923	-1.0920	0.0006	0.0144
36	-809	829	-0.9828	-809	830	-0.9834	-0.0006	0.0138
38	-702	724	-0.8556	-702	726	-0.8568	-0.0012	0.0144
40	-576	601	-0.7062	-579	606	-0.7110	-0.0048	0.0156
42	-462	486	-0.5688	-462	486	-0.5688	0.0000	0.0204
44	-366	391	-0.4542	-367	392	-0.4554	-0.0012	0.0204
46	-271	292	-0.3378	-272	295	-0.3402	-0.0024	0.0216
48	-178	201	-0.2274	-179	202	-0.2286	-0.0012	0.0240
50	-91	117	-0.1248	-90	116	-0.1236	0.0012	0.0252
52	-78	102	-0.1080	-76	101	-0.1062	0.0018	0.0240
54	-219	244	-0.2778	-210	236	-0.2676	0.0102	0.0222
56	-327	351	-0.4068	-323	347	-0.4020	0.0048	0.0120
58	-399	425	-0.4944	-391	421	-0.4872	0.0072	0.0072
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000



**SITE** JSF  
**INSTALLATION** JS11  
**DESCRIPTION**

**CURRENT SURVEY** 6/16/2009 4:37:00 PM

**INITIAL SURVEY** 5/19/2009 11:40:58 AM

**DATE PRINTED** 7/15/2009 7:45:22 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-2	21	-0.0138	-18	1	-0.0114	0.0024	0.0276
4	43	-26	0.0414	27	-42	0.0414	0.0000	0.0252
6	58	-33	0.0546	37	-52	0.0534	-0.0012	0.0252
8	25	-1	0.0156	5	-19	0.0144	-0.0012	0.0264
10	-121	146	-0.1602	-148	133	-0.1686	-0.0084	0.0276
12	-309	330	-0.3834	-332	317	-0.3894	-0.0060	0.0360
14	-463	487	-0.5700	-486	474	-0.5760	-0.0060	0.0420
16	-639	662	-0.7806	-663	648	-0.7866	-0.0060	0.0480
18	-845	870	-1.0290	-871	855	-1.0356	-0.0066	0.0540
20	-1060	1081	-1.2846	-1080	1064	-1.2864	-0.0018	0.0606
22	-1081	1104	-1.3110	-1093	1079	-1.3032	0.0078	0.0624
24	-974	999	-1.1838	-989	976	-1.1790	0.0048	0.0546
26	-942	965	-1.1442	-957	943	-1.1400	0.0042	0.0498
28	-955	979	-1.1604	-971	956	-1.1562	0.0042	0.0456
30	-997	1022	-1.2114	-1016	1000	-1.2096	0.0018	0.0414
32	-967	990	-1.1742	-983	968	-1.1706	0.0036	0.0396
34	-898	923	-1.0926	-912	900	-1.0872	0.0054	0.0360
36	-809	829	-0.9828	-823	808	-0.9786	0.0042	0.0306
38	-702	724	-0.8556	-717	701	-0.8508	0.0048	0.0264
40	-576	601	-0.7062	-593	579	-0.7032	0.0030	0.0216
42	-462	486	-0.5688	-477	462	-0.5634	0.0054	0.0186
44	-366	391	-0.4542	-382	369	-0.4506	0.0036	0.0132
46	-271	292	-0.3378	-285	272	-0.3342	0.0036	0.0096
48	-178	201	-0.2274	-196	180	-0.2256	0.0018	0.0060
50	-91	117	-0.1248	-108	95	-0.1218	0.0030	0.0042
52	-78	102	-0.1080	-98	83	-0.1086	-0.0006	0.0012
54	-219	244	-0.2778	-237	224	-0.2766	0.0012	0.0018
56	-327	351	-0.4068	-345	332	-0.4062	0.0006	0.0006
58	-399	425	-0.4944	-419	405	-0.4944	0.0000	0.0000
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS11  
**DESCRIPTION**

**CURRENT SURVEY** 6/29/2009 4:48:46 PM

**INITIAL SURVEY** 5/19/2009 11:40:58 AM

**DATE PRINTED** 7/15/2009 7:45:22 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-2	21	-0.0138	-4	2	-0.0036	0.0102	0.1002
4	43	-26	0.0414	38	-37	0.0450	0.0036	0.0900
6	58	-33	0.0546	48	-49	0.0582	0.0036	0.0864
8	25	-1	0.0156	21	-21	0.0252	0.0096	0.0828
10	-121	146	-0.1602	-125	128	-0.1518	0.0084	0.0732
12	-309	330	-0.3834	-317	317	-0.3804	0.0030	0.0648
14	-463	487	-0.5700	-471	474	-0.5670	0.0030	0.0618
16	-639	662	-0.7806	-647	646	-0.7758	0.0048	0.0588
18	-845	870	-1.0290	-854	854	-1.0248	0.0042	0.0540
20	-1060	1081	-1.2846	-1067	1066	-1.2798	0.0048	0.0498
22	-1081	1104	-1.3110	-1090	1090	-1.3080	0.0030	0.0450
24	-974	999	-1.1838	-984	985	-1.1814	0.0024	0.0420
26	-942	965	-1.1442	-951	949	-1.1400	0.0042	0.0396
28	-955	979	-1.1604	-962	961	-1.1538	0.0066	0.0354
30	-997	1022	-1.2114	-1009	1010	-1.2114	0.0000	0.0288
32	-967	990	-1.1742	-981	979	-1.1760	-0.0018	0.0288
34	-898	923	-1.0926	-907	911	-1.0908	0.0018	0.0306
36	-809	829	-0.9828	-820	818	-0.9828	0.0000	0.0288
38	-702	724	-0.8556	-713	711	-0.8544	0.0012	0.0288
40	-576	601	-0.7062	-590	591	-0.7086	-0.0024	0.0276
42	-462	486	-0.5688	-473	472	-0.5670	0.0018	0.0300
44	-366	391	-0.4542	-377	379	-0.4536	0.0006	0.0282
46	-271	292	-0.3378	-282	282	-0.3384	-0.0006	0.0276
48	-178	201	-0.2274	-190	188	-0.2268	0.0006	0.0282
50	-91	117	-0.1248	-103	103	-0.1236	0.0012	0.0276
52	-78	102	-0.1080	-87	87	-0.1044	0.0036	0.0264
54	-219	244	-0.2778	-223	223	-0.2676	0.0102	0.0228
56	-327	351	-0.4068	-333	333	-0.3996	0.0072	0.0126
58	-399	425	-0.4944	-409	406	-0.4890	0.0054	0.0054
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS11  
**DESCRIPTION**

**CURRENT SURVEY** 7/13/2009 11:04:35 AM

**INITIAL SURVEY** 5/19/2009 11:40:58 AM

**DATE PRINTED** 7/15/2009 7:45:22 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-2	21	-0.0138	-3	8	-0.0066	0.0072	0.0792
4	43	-26	0.0414	42	-33	0.0450	0.0036	0.0720
6	58	-33	0.0546	51	-47	0.0588	0.0042	0.0684
8	25	-1	0.0156	24	-19	0.0258	0.0102	0.0642
10	-121	146	-0.1602	-124	131	-0.1530	0.0072	0.0540
12	-309	330	-0.3834	-318	321	-0.3834	0.0000	0.0468
14	-463	487	-0.5700	-471	478	-0.5694	0.0006	0.0468
16	-639	662	-0.7806	-646	649	-0.7770	0.0036	0.0462
18	-845	870	-1.0290	-855	858	-1.0278	0.0012	0.0426
20	-1060	1081	-1.2846	-1067	1070	-1.2822	0.0024	0.0414
22	-1081	1104	-1.3110	-1087	1091	-1.3068	0.0042	0.0390
24	-974	999	-1.1838	-983	987	-1.1820	0.0018	0.0348
26	-942	965	-1.1442	-950	952	-1.1412	0.0030	0.0330
28	-955	979	-1.1604	-959	962	-1.1526	0.0078	0.0300
30	-997	1022	-1.2114	-1009	1013	-1.2132	-0.0018	0.0222
32	-967	990	-1.1742	-979	981	-1.1760	-0.0018	0.0240
34	-898	923	-1.0926	-907	913	-1.0920	0.0006	0.0258
36	-809	829	-0.9828	-818	820	-0.9828	0.0000	0.0252
38	-702	724	-0.8556	-710	714	-0.8544	0.0012	0.0252
40	-576	601	-0.7062	-589	592	-0.7086	-0.0024	0.0240
42	-462	486	-0.5688	-471	474	-0.5670	0.0018	0.0264
44	-366	391	-0.4542	-376	381	-0.4542	0.0000	0.0246
46	-271	292	-0.3378	-280	282	-0.3372	0.0006	0.0246
48	-178	201	-0.2274	-188	190	-0.2268	0.0006	0.0240
50	-91	117	-0.1248	-101	104	-0.1230	0.0018	0.0234
52	-78	102	-0.1080	-86	89	-0.1050	0.0030	0.0216
54	-219	244	-0.2778	-222	226	-0.2688	0.0090	0.0186
56	-327	351	-0.4068	-333	336	-0.4014	0.0054	0.0096
58	-399	425	-0.4944	-407	410	-0.4902	0.0042	0.0042
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS11  
**DESCRIPTION**

**CURRENT SURVEY** 6/4/2009 7:08:54 AM

**INITIAL SURVEY** 5/19/2009 11:40:58 AM

**DATE PRINTED** 7/15/2009 7:45:35 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	346	-346	0.4152	357	-353	0.4260	0.0108	0.0174
4	578	-561	0.6834	591	-562	0.6918	0.0084	0.0066
6	684	-646	0.7980	687	-649	0.8016	0.0036	-0.0018
8	680	-641	0.7926	680	-641	0.7926	0.0000	-0.0054
10	553	-534	0.6522	549	-534	0.6498	-0.0024	-0.0054
12	395	-362	0.4542	396	-358	0.4524	-0.0018	-0.0030
14	333	-295	0.3768	334	-296	0.3780	0.0012	-0.0012
16	275	-245	0.3120	282	-246	0.3168	0.0048	-0.0024
18	219	-179	0.2388	219	-181	0.2400	0.0012	-0.0072
20	145	-168	0.1878	147	-127	0.1644	-0.0234	-0.0084
22	145	-110	0.1530	143	-107	0.1500	-0.0030	0.0150
24	175	-137	0.1872	175	-136	0.1866	-0.0006	0.0180
26	139	-94	0.1398	140	-103	0.1458	0.0060	0.0186
28	99	-59	0.0948	99	-59	0.0948	0.0000	0.0126
30	33	-15	0.0288	35	-19	0.0324	0.0036	0.0126
32	27	12	0.0090	25	11	0.0084	-0.0006	0.0090
34	92	-56	0.0888	90	-59	0.0894	0.0006	0.0096
36	198	-162	0.2160	196	-164	0.2160	0.0000	0.0090
38	294	-261	0.3330	293	-258	0.3306	-0.0024	0.0090
40	291	-276	0.3402	293	-278	0.3426	0.0024	0.0114
42	296	-259	0.3330	295	-261	0.3336	0.0006	0.0090
44	322	-280	0.3612	321	-282	0.3618	0.0006	0.0084
46	355	-315	0.4020	354	-318	0.4032	0.0012	0.0078
48	395	-359	0.4524	393	-358	0.4506	-0.0018	0.0066
50	351	-321	0.4032	357	-325	0.4092	0.0060	0.0084
52	315	-280	0.3570	316	-279	0.3570	0.0000	0.0024
54	336	-299	0.3810	334	-298	0.3792	-0.0018	0.0024
56	366	-332	0.4188	371	-334	0.4230	0.0042	0.0042
58	347	-309	0.3936	346	-310	0.3936	0.0000	0.0000
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS11  
**DESCRIPTION**

**CURRENT SURVEY** 6/16/2009 4:37:00 PM

**INITIAL SURVEY** 5/19/2009 11:40:58 AM

**DATE PRINTED** 7/15/2009 7:45:35 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	346	-346	0.4152	362	-361	0.4338	0.0186	-0.0258
4	578	-561	0.6834	577	-576	0.6918	0.0084	-0.0444
6	684	-646	0.7980	668	-668	0.8016	0.0036	-0.0528
8	680	-641	0.7926	659	-659	0.7908	-0.0018	-0.0564
10	553	-534	0.6522	547	-544	0.6546	0.0024	-0.0546
12	395	-362	0.4542	373	-372	0.4470	-0.0072	-0.0570
14	333	-295	0.3768	314	-310	0.3744	-0.0024	-0.0498
16	275	-245	0.3120	262	-259	0.3126	0.0006	-0.0474
18	219	-179	0.2388	198	-196	0.2364	-0.0024	-0.0480
20	145	-168	0.1878	141	-137	0.1668	-0.0210	-0.0456
22	145	-110	0.1530	124	-122	0.1476	-0.0054	-0.0246
24	175	-137	0.1872	155	-152	0.1842	-0.0030	-0.0192
26	139	-94	0.1398	117	-116	0.1398	0.0000	-0.0162
28	99	-59	0.0948	75	-75	0.0900	-0.0048	-0.0162
30	33	-15	0.0288	34	-30	0.0384	0.0096	-0.0114
32	27	12	0.0090	6	-5	0.0066	-0.0024	-0.0210
34	92	-56	0.0888	73	-71	0.0864	-0.0024	-0.0186
36	198	-162	0.2160	178	-177	0.2130	-0.0030	-0.0162
38	294	-261	0.3330	273	-274	0.3282	-0.0048	-0.0132
40	291	-276	0.3402	289	-284	0.3438	0.0036	-0.0084
42	296	-259	0.3330	277	-275	0.3312	-0.0018	-0.0120
44	322	-280	0.3612	301	-300	0.3606	-0.0006	-0.0102
46	355	-315	0.4020	335	-333	0.4008	-0.0012	-0.0096
48	395	-359	0.4524	375	-376	0.4506	-0.0018	-0.0084
50	351	-321	0.4032	338	-338	0.4056	0.0024	-0.0066
52	315	-280	0.3570	296	-293	0.3534	-0.0036	-0.0090
54	336	-299	0.3810	314	-315	0.3774	-0.0036	-0.0054
56	366	-332	0.4188	350	-348	0.4188	0.0000	-0.0018
58	347	-309	0.3936	327	-326	0.3918	-0.0018	-0.0018
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS11  
**DESCRIPTION**

**CURRENT SURVEY** 6/29/2009 4:48:46 PM

**INITIAL SURVEY** 5/19/2009 11:40:58 AM

**DATE PRINTED** 7/15/2009 7:45:35 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	346	-346	0.4152	374	-351	0.4350	0.0198	0.0930
4	578	-561	0.6834	602	-552	0.6924	0.0090	0.0732
6	684	-646	0.7980	697	-638	0.8010	0.0030	0.0642
8	680	-641	0.7926	689	-631	0.7920	-0.0006	0.0612
10	553	-534	0.6522	560	-525	0.6510	-0.0012	0.0618
12	395	-362	0.4542	405	-347	0.4512	-0.0030	0.0630
14	333	-295	0.3768	345	-288	0.3798	0.0030	0.0660
16	275	-245	0.3120	293	-240	0.3198	0.0078	0.0630
18	219	-179	0.2388	233	-174	0.2442	0.0054	0.0552
20	145	-168	0.1878	162	-125	0.1722	-0.0156	0.0498
22	145	-110	0.1530	163	-101	0.1584	0.0054	0.0654
24	175	-137	0.1872	192	-130	0.1932	0.0060	0.0600
26	139	-94	0.1398	154	-94	0.1488	0.0090	0.0540
28	99	-59	0.0948	112	-52	0.0984	0.0036	0.0450
30	33	-15	0.0288	54	-20	0.0444	0.0156	0.0414
32	27	12	0.0090	44	17	0.0162	0.0072	0.0258
34	92	-56	0.0888	107	-54	0.0966	0.0078	0.0186
36	198	-162	0.2160	213	-155	0.2208	0.0048	0.0108
38	294	-261	0.3330	309	-250	0.3354	0.0024	0.0060
40	291	-276	0.3402	303	-273	0.3456	0.0054	0.0036
42	296	-259	0.3330	308	-251	0.3354	0.0024	-0.0018
44	322	-280	0.3612	331	-274	0.3630	0.0018	-0.0042
46	355	-315	0.4020	358	-307	0.3990	-0.0030	-0.0060
48	395	-359	0.4524	403	-347	0.4500	-0.0024	-0.0030
50	351	-321	0.4032	363	-310	0.4038	0.0006	-0.0006
52	315	-280	0.3570	325	-267	0.3552	-0.0018	-0.0012
54	336	-299	0.3810	341	-289	0.3780	-0.0030	0.0006
56	366	-332	0.4188	380	-323	0.4218	0.0030	0.0036
58	347	-309	0.3936	350	-307	0.3942	0.0006	0.0006
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS11  
**DESCRIPTION**

**CURRENT SURVEY** 7/13/2009 11:04:35 AM

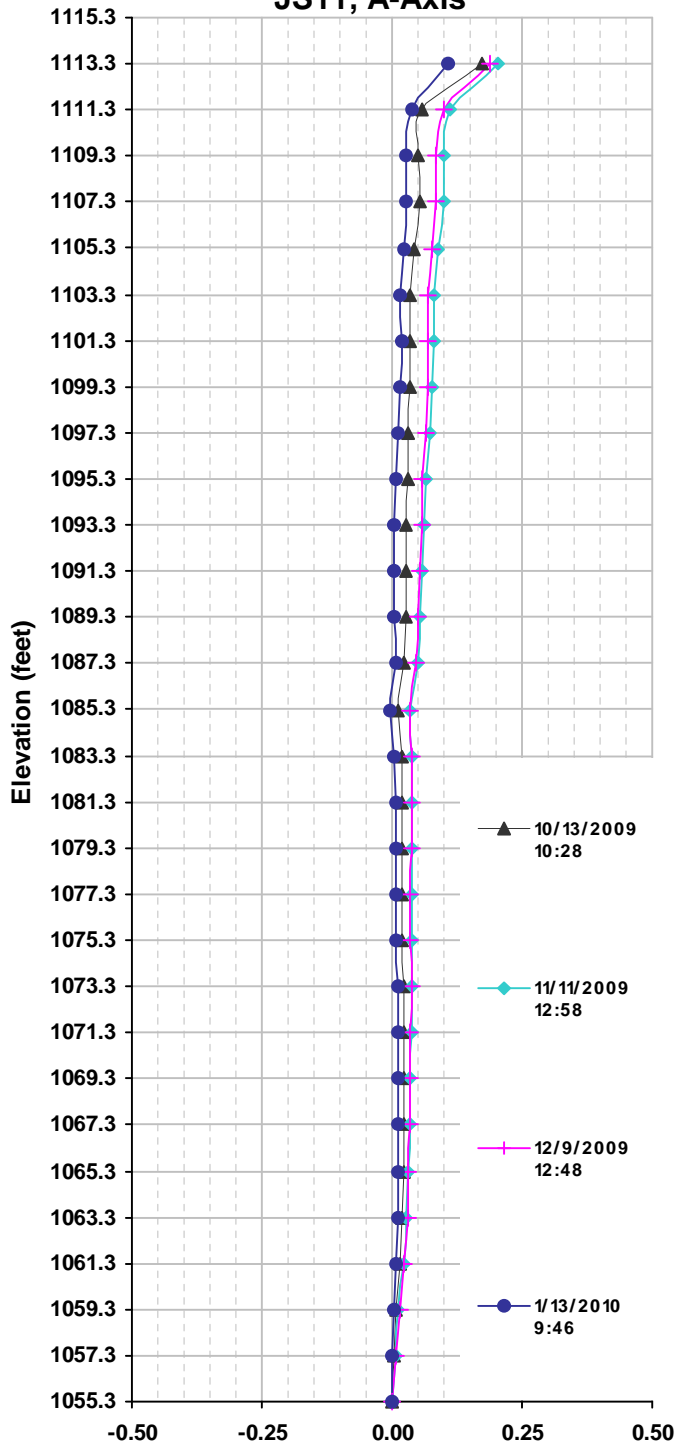
**INITIAL SURVEY** 5/19/2009 11:40:58 AM

**DATE PRINTED** 7/15/2009 7:45:35 AM

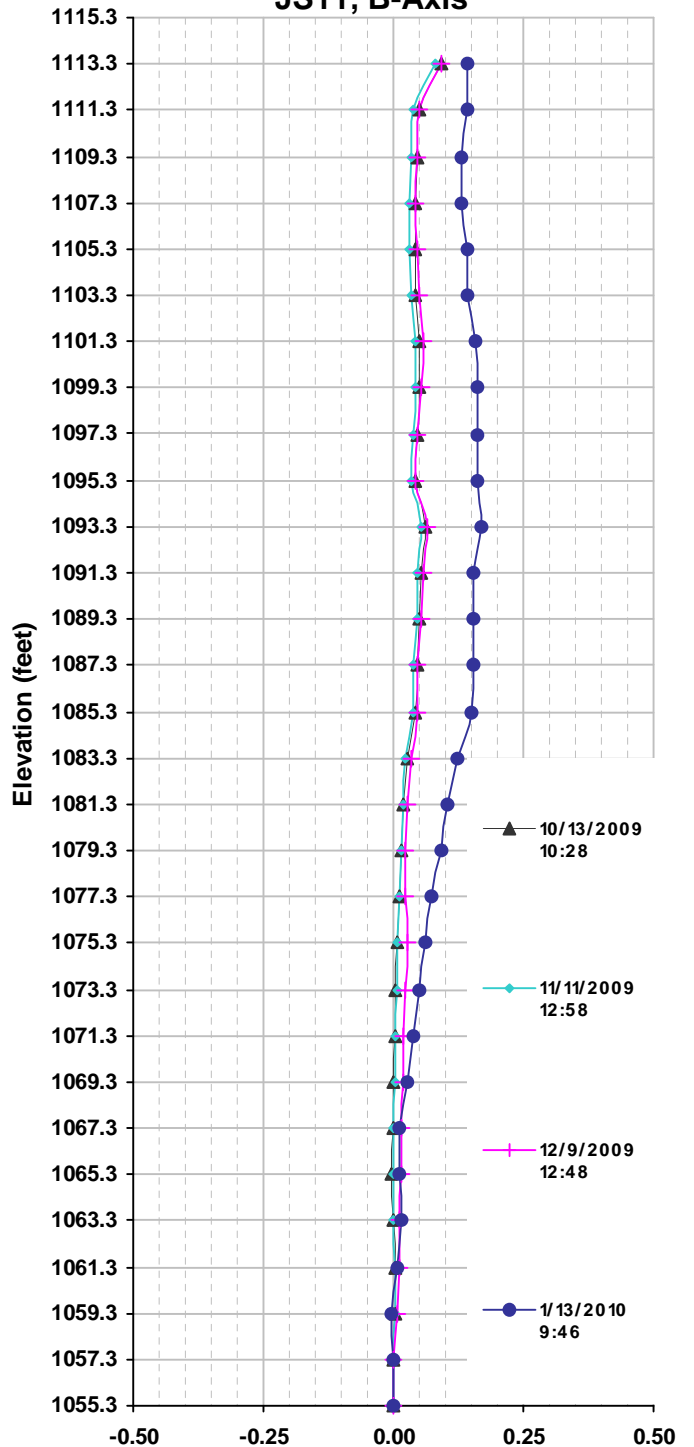
Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	346	-346	0.4152	390	-355	0.4470	0.0318	0.1056
4	578	-561	0.6834	606	-552	0.6948	0.0114	0.0738
6	684	-646	0.7980	701	-637	0.8028	0.0048	0.0624
8	680	-641	0.7926	691	-628	0.7914	-0.0012	0.0576
10	553	-534	0.6522	561	-522	0.6498	-0.0024	0.0588
12	395	-362	0.4542	406	-343	0.4494	-0.0048	0.0612
14	333	-295	0.3768	347	-285	0.3792	0.0024	0.0660
16	275	-245	0.3120	295	-235	0.3180	0.0060	0.0636
18	219	-179	0.2388	236	-173	0.2454	0.0066	0.0576
20	145	-168	0.1878	164	-120	0.1704	-0.0174	0.0510
22	145	-110	0.1530	165	-99	0.1584	0.0054	0.0684
24	175	-137	0.1872	193	-129	0.1932	0.0060	0.0630
26	139	-94	0.1398	154	-93	0.1482	0.0084	0.0570
28	99	-59	0.0948	115	-49	0.0984	0.0036	0.0486
30	33	-15	0.0288	55	-19	0.0444	0.0156	0.0450
32	27	12	0.0090	46	18	0.0168	0.0078	0.0294
34	92	-56	0.0888	109	-51	0.0960	0.0072	0.0216
36	198	-162	0.2160	213	-153	0.2196	0.0036	0.0144
38	294	-261	0.3330	307	-249	0.3336	0.0006	0.0108
40	291	-276	0.3402	305	-271	0.3456	0.0054	0.0102
42	296	-259	0.3330	310	-249	0.3354	0.0024	0.0048
44	322	-280	0.3612	334	-273	0.3642	0.0030	0.0024
46	355	-315	0.4020	367	-305	0.4032	0.0012	-0.0006
48	395	-359	0.4524	409	-347	0.4536	0.0012	-0.0018
50	351	-321	0.4032	362	-311	0.4038	0.0006	-0.0030
52	315	-280	0.3570	326	-266	0.3552	-0.0018	-0.0036
54	336	-299	0.3810	341	-287	0.3768	-0.0042	-0.0018
56	366	-332	0.4188	383	-322	0.4230	0.0042	0.0024
58	347	-309	0.3936	353	-300	0.3918	-0.0018	-0.0018
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000

JS11, A-Axis

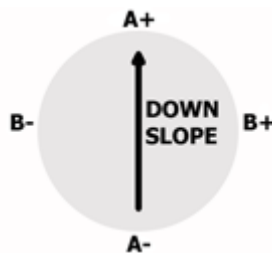


JS11, B-Axis



Cumulative Displacement (in) from 5/19/2009

Cumulative Displacement (in) from 5/19/2009



John Sevier Fossil Plant

Rogersville, TN

175569038

1/13/2010



**SITE** JSF  
**INSTALLATION** JS11  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 10:28:24 AM

**INITIAL SURVEY** 5/19/2009 11:40:58 AM

**DATE PRINTED** 1/13/2010 1:10:59 PM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-2	21	-0.0138	91	-79	0.1020	0.1158	0.1740
4	43	-26	0.0414	47	-33	0.0480	0.0066	0.0582
6	58	-33	0.0546	48	-40	0.0528	-0.0018	0.0516
8	25	-1	0.0156	27	-17	0.0264	0.0108	0.0534
10	-121	146	-0.1602	-120	132	-0.1512	0.0090	0.0426
12	-309	330	-0.3834	-317	325	-0.3852	-0.0018	0.0336
14	-463	487	-0.5700	-470	481	-0.5706	-0.0006	0.0354
16	-639	662	-0.7806	-644	651	-0.7770	0.0036	0.0360
18	-845	870	-1.0290	-851	860	-1.0266	0.0024	0.0324
20	-1060	1081	-1.2846	-1065	1074	-1.2834	0.0012	0.0300
22	-1081	1104	-1.3110	-1087	1095	-1.3092	0.0018	0.0288
24	-974	999	-1.1838	-981	991	-1.1832	0.0006	0.0270
26	-942	965	-1.1442	-949	955	-1.1424	0.0018	0.0264
28	-955	979	-1.1604	-953	961	-1.1484	0.0120	0.0246
30	-997	1022	-1.2114	-1009	1019	-1.2168	-0.0054	0.0126
32	-967	990	-1.1742	-975	984	-1.1754	-0.0012	0.0180
34	-898	923	-1.0926	-905	915	-1.0920	0.0006	0.0192
36	-809	829	-0.9828	-816	823	-0.9834	-0.0006	0.0186
38	-702	724	-0.8556	-710	717	-0.8562	-0.0006	0.0192
40	-576	601	-0.7062	-587	597	-0.7104	-0.0042	0.0198
42	-462	486	-0.5688	-470	476	-0.5676	0.0012	0.0240
44	-366	391	-0.4542	-374	383	-0.4542	0.0000	0.0228
46	-271	292	-0.3378	-278	286	-0.3384	-0.0006	0.0228
48	-178	201	-0.2274	-186	192	-0.2268	0.0006	0.0234
50	-91	117	-0.1248	-98	106	-0.1224	0.0024	0.0228
52	-78	102	-0.1080	-83	91	-0.1044	0.0036	0.0204
54	-219	244	-0.2778	-221	229	-0.2700	0.0078	0.0168
56	-327	351	-0.4068	-331	338	-0.4014	0.0054	0.0090
58	-399	425	-0.4944	-405	413	-0.4908	0.0036	0.0036
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS11  
**DESCRIPTION**

**CURRENT SURVEY** 11/11/2009 12:58:38 PM

**INITIAL SURVEY** 5/19/2009 11:40:58 AM

**DATE PRINTED** 1/13/2010 1:10:59 PM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-2	21	-0.0138	67	-65	0.0792	0.0930	0.2034
4	43	-26	0.0414	47	-42	0.0534	0.0120	0.1104
6	58	-33	0.0546	45	-45	0.0540	-0.0006	0.0984
8	25	-1	0.0156	23	-21	0.0264	0.0108	0.0990
10	-121	146	-0.1602	-124	129	-0.1518	0.0084	0.0882
12	-309	330	-0.3834	-319	319	-0.3828	0.0006	0.0798
14	-463	487	-0.5700	-473	474	-0.5682	0.0018	0.0792
16	-639	662	-0.7806	-648	645	-0.7758	0.0048	0.0774
18	-845	870	-1.0290	-851	851	-1.0212	0.0078	0.0726
20	-1060	1081	-1.2846	-1067	1067	-1.2804	0.0042	0.0648
22	-1081	1104	-1.3110	-1089	1089	-1.3068	0.0042	0.0606
24	-974	999	-1.1838	-984	986	-1.1820	0.0018	0.0564
26	-942	965	-1.1442	-951	950	-1.1406	0.0036	0.0546
28	-955	979	-1.1604	-954	955	-1.1454	0.0150	0.0510
30	-997	1022	-1.2114	-1012	1014	-1.2156	-0.0042	0.0360
32	-967	990	-1.1742	-979	978	-1.1742	0.0000	0.0402
34	-898	923	-1.0926	-907	911	-1.0908	0.0018	0.0402
36	-809	829	-0.9828	-819	818	-0.9822	0.0006	0.0384
38	-702	724	-0.8556	-712	712	-0.8544	0.0012	0.0378
40	-576	601	-0.7062	-589	592	-0.7086	-0.0024	0.0366
42	-462	486	-0.5688	-471	473	-0.5664	0.0024	0.0390
44	-366	391	-0.4542	-376	378	-0.4524	0.0018	0.0366
46	-271	292	-0.3378	-280	281	-0.3366	0.0012	0.0348
48	-178	201	-0.2274	-188	188	-0.2256	0.0018	0.0336
50	-91	117	-0.1248	-100	102	-0.1212	0.0036	0.0318
52	-78	102	-0.1080	-86	86	-0.1032	0.0048	0.0282
54	-219	244	-0.2778	-223	223	-0.2676	0.0102	0.0234
56	-327	351	-0.4068	-333	333	-0.3996	0.0072	0.0132
58	-399	425	-0.4944	-407	407	-0.4884	0.0060	0.0060
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS11  
**DESCRIPTION**

**CURRENT SURVEY** 12/9/2009 12:48:04 PM

**INITIAL SURVEY** 5/19/2009 11:40:58 AM

**DATE PRINTED** 1/13/2010 1:10:59 PM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-2	21	-0.0138	72	-57	0.0774	0.0912	0.1896
4	43	-26	0.0414	54	-37	0.0546	0.0132	0.0984
6	58	-33	0.0546	51	-39	0.0540	-0.0006	0.0852
8	25	-1	0.0156	27	-14	0.0246	0.0090	0.0858
10	-121	146	-0.1602	-119	135	-0.1524	0.0078	0.0768
12	-309	330	-0.3834	-314	327	-0.3846	-0.0012	0.0690
14	-463	487	-0.5700	-466	482	-0.5688	0.0012	0.0702
16	-639	662	-0.7806	-643	654	-0.7782	0.0024	0.0690
18	-845	870	-1.0290	-844	859	-1.0218	0.0072	0.0666
20	-1060	1081	-1.2846	-1062	1076	-1.2828	0.0018	0.0594
22	-1081	1104	-1.3110	-1082	1095	-1.3062	0.0048	0.0576
24	-974	999	-1.1838	-978	991	-1.1814	0.0024	0.0528
26	-942	965	-1.1442	-945	958	-1.1418	0.0024	0.0504
28	-955	979	-1.1604	-948	962	-1.1460	0.0144	0.0480
30	-997	1022	-1.2114	-1006	1022	-1.2168	-0.0054	0.0336
32	-967	990	-1.1742	-973	985	-1.1748	-0.0006	0.0390
34	-898	923	-1.0926	-901	917	-1.0908	0.0018	0.0396
36	-809	829	-0.9828	-810	825	-0.9810	0.0018	0.0378
38	-702	724	-0.8556	-705	719	-0.8544	0.0012	0.0360
40	-576	601	-0.7062	-586	598	-0.7104	-0.0042	0.0348
42	-462	486	-0.5688	-465	478	-0.5658	0.0030	0.0390
44	-366	391	-0.4542	-370	386	-0.4536	0.0006	0.0360
46	-271	292	-0.3378	-273	288	-0.3366	0.0012	0.0354
48	-178	201	-0.2274	-181	195	-0.2256	0.0018	0.0342
50	-91	117	-0.1248	-95	109	-0.1224	0.0024	0.0324
52	-78	102	-0.1080	-78	93	-0.1026	0.0054	0.0300
54	-219	244	-0.2778	-216	229	-0.2670	0.0108	0.0246
56	-327	351	-0.4068	-326	340	-0.3996	0.0072	0.0138
58	-399	425	-0.4944	-400	413	-0.4878	0.0066	0.0066
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS11  
**DESCRIPTION**

**CURRENT SURVEY** 1/13/2010 9:46:50 AM

**INITIAL SURVEY** 5/19/2009 11:40:58 AM

**DATE PRINTED** 1/13/2010 1:10:59 PM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-2	21	-0.0138	46	-47	0.0558	0.0696	0.1092
4	43	-26	0.0414	45	-47	0.0552	0.0138	0.0396
6	58	-33	0.0546	41	-45	0.0516	-0.0030	0.0258
8	25	-1	0.0156	17	-19	0.0216	0.0060	0.0288
10	-121	146	-0.1602	-127	129	-0.1536	0.0066	0.0228
12	-309	330	-0.3834	-321	320	-0.3846	-0.0012	0.0162
14	-463	487	-0.5700	-474	475	-0.5694	0.0006	0.0174
16	-639	662	-0.7806	-646	646	-0.7752	0.0054	0.0168
18	-845	870	-1.0290	-853	855	-1.0248	0.0042	0.0114
20	-1060	1081	-1.2846	-1069	1069	-1.2828	0.0018	0.0072
22	-1081	1104	-1.3110	-1092	1091	-1.3098	0.0012	0.0054
24	-974	999	-1.1838	-986	989	-1.1850	-0.0012	0.0042
26	-942	965	-1.1442	-954	954	-1.1448	-0.0006	0.0054
28	-955	979	-1.1604	-958	958	-1.1496	0.0108	0.0060
30	-997	1022	-1.2114	-1016	1016	-1.2192	-0.0078	-0.0048
32	-967	990	-1.1742	-983	981	-1.1784	-0.0042	0.0030
34	-898	923	-1.0926	-912	912	-1.0944	-0.0018	0.0072
36	-809	829	-0.9828	-820	819	-0.9834	-0.0006	0.0090
38	-702	724	-0.8556	-714	712	-0.8556	0.0000	0.0096
40	-576	601	-0.7062	-590	593	-0.7098	-0.0036	0.0096
42	-462	486	-0.5688	-474	472	-0.5676	0.0012	0.0132
44	-366	391	-0.4542	-379	379	-0.4548	-0.0006	0.0120
46	-271	292	-0.3378	-282	282	-0.3384	-0.0006	0.0126
48	-178	201	-0.2274	-191	188	-0.2274	0.0000	0.0132
50	-91	117	-0.1248	-102	102	-0.1224	0.0024	0.0132
52	-78	102	-0.1080	-90	88	-0.1068	0.0012	0.0108
54	-219	244	-0.2778	-229	226	-0.2730	0.0048	0.0096
56	-327	351	-0.4068	-338	335	-0.4038	0.0030	0.0048
58	-399	425	-0.4944	-411	410	-0.4926	0.0018	0.0018
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS11  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 10:28:24 AM

**INITIAL SURVEY** 5/19/2009 11:40:58 AM

**DATE PRINTED** 1/13/2010 1:11:23 PM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	346	-346	0.4152	398	-364	0.4572	0.0420	0.0930
4	578	-561	0.6834	596	-549	0.6870	0.0036	0.0510
6	684	-646	0.7980	701	-639	0.8040	0.0060	0.0474
8	680	-641	0.7926	691	-629	0.7920	-0.0006	0.0414
10	553	-534	0.6522	562	-523	0.6510	-0.0012	0.0420
12	395	-362	0.4542	401	-342	0.4458	-0.0084	0.0432
14	333	-295	0.3768	344	-286	0.3780	0.0012	0.0516
16	275	-245	0.3120	291	-235	0.3156	0.0036	0.0504
18	219	-179	0.2388	234	-174	0.2448	0.0060	0.0468
20	145	-168	0.1878	161	-120	0.1686	-0.0192	0.0408
22	145	-110	0.1530	163	-101	0.1584	0.0054	0.0600
24	175	-137	0.1872	189	-129	0.1908	0.0036	0.0546
26	139	-94	0.1398	149	-93	0.1452	0.0054	0.0510
28	99	-59	0.0948	115	-50	0.0990	0.0042	0.0456
30	33	-15	0.0288	54	-18	0.0432	0.0144	0.0414
32	27	12	0.0090	44	19	0.0150	0.0060	0.0270
34	92	-56	0.0888	107	-48	0.0930	0.0042	0.0210
36	198	-162	0.2160	213	-153	0.2196	0.0036	0.0168
38	294	-261	0.3330	310	-251	0.3366	0.0036	0.0132
40	291	-276	0.3402	305	-269	0.3444	0.0042	0.0096
42	296	-259	0.3330	307	-251	0.3348	0.0018	0.0054
44	322	-280	0.3612	333	-273	0.3636	0.0024	0.0036
46	355	-315	0.4020	367	-306	0.4038	0.0018	0.0012
48	395	-359	0.4524	409	-348	0.4542	0.0018	-0.0006
50	351	-321	0.4032	359	-311	0.4020	-0.0012	-0.0024
52	315	-280	0.3570	322	-267	0.3534	-0.0036	-0.0012
54	336	-299	0.3810	345	-289	0.3804	-0.0006	0.0024
56	366	-332	0.4188	381	-323	0.4224	0.0036	0.0030
58	347	-309	0.3936	355	-300	0.3930	-0.0006	-0.0006
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS11  
**DESCRIPTION**

**CURRENT SURVEY** 11/11/2009 12:58:38 PM

**INITIAL SURVEY** 5/19/2009 11:40:58 AM

**DATE PRINTED** 1/13/2010 1:11:23 PM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	346	-346	0.4152	400	-366	0.4596	0.0444	0.0822
4	578	-561	0.6834	601	-545	0.6876	0.0042	0.0378
6	684	-646	0.7980	701	-635	0.8016	0.0036	0.0336
8	680	-641	0.7926	691	-626	0.7902	-0.0024	0.0300
10	553	-534	0.6522	565	-519	0.6504	-0.0018	0.0324
12	395	-362	0.4542	403	-339	0.4452	-0.0090	0.0342
14	333	-295	0.3768	346	-283	0.3774	0.0006	0.0432
16	275	-245	0.3120	293	-231	0.3144	0.0024	0.0426
18	219	-179	0.2388	237	-172	0.2454	0.0066	0.0402
20	145	-168	0.1878	164	-117	0.1686	-0.0192	0.0336
22	145	-110	0.1530	166	-98	0.1584	0.0054	0.0528
24	175	-137	0.1872	190	-127	0.1902	0.0030	0.0474
26	139	-94	0.1398	151	-90	0.1446	0.0048	0.0444
28	99	-59	0.0948	113	-46	0.0954	0.0006	0.0396
30	33	-15	0.0288	58	-15	0.0438	0.0150	0.0390
32	27	12	0.0090	46	21	0.0150	0.0060	0.0240
34	92	-56	0.0888	110	-44	0.0924	0.0036	0.0180
36	198	-162	0.2160	215	-151	0.2196	0.0036	0.0144
38	294	-261	0.3330	312	-247	0.3354	0.0024	0.0108
40	291	-276	0.3402	306	-265	0.3426	0.0024	0.0084
42	296	-259	0.3330	311	-246	0.3342	0.0012	0.0060
44	322	-280	0.3612	334	-270	0.3624	0.0012	0.0048
46	355	-315	0.4020	370	-304	0.4044	0.0024	0.0036
48	395	-359	0.4524	411	-345	0.4536	0.0012	0.0012
50	351	-321	0.4032	363	-310	0.4038	0.0006	0.0000
52	315	-280	0.3570	327	-262	0.3534	-0.0036	-0.0006
54	336	-299	0.3810	350	-285	0.3810	0.0000	0.0030
56	366	-332	0.4188	383	-319	0.4212	0.0024	0.0030
58	347	-309	0.3936	359	-298	0.3942	0.0006	0.0006
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS11  
**DESCRIPTION**

**CURRENT SURVEY** 12/9/2009 12:48:04 PM

**INITIAL SURVEY** 5/19/2009 11:40:58 AM

**DATE PRINTED** 1/13/2010 1:11:23 PM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	346	-346	0.4152	399	-365	0.4584	0.0432	0.0930
4	578	-561	0.6834	598	-545	0.6858	0.0024	0.0498
6	684	-646	0.7980	701	-636	0.8022	0.0042	0.0474
8	680	-641	0.7926	690	-626	0.7896	-0.0030	0.0432
10	553	-534	0.6522	561	-521	0.6492	-0.0030	0.0462
12	395	-362	0.4542	405	-341	0.4476	-0.0066	0.0492
14	333	-295	0.3768	347	-283	0.3780	0.0012	0.0558
16	275	-245	0.3120	295	-237	0.3192	0.0072	0.0546
18	219	-179	0.2388	238	-171	0.2454	0.0066	0.0474
20	145	-168	0.1878	161	-113	0.1644	-0.0234	0.0408
22	145	-110	0.1530	165	-98	0.1578	0.0048	0.0642
24	175	-137	0.1872	194	-126	0.1920	0.0048	0.0594
26	139	-94	0.1398	154	-90	0.1464	0.0066	0.0546
28	99	-59	0.0948	116	-43	0.0954	0.0006	0.0480
30	33	-15	0.0288	58	-11	0.0414	0.0126	0.0474
32	27	12	0.0090	47	22	0.0150	0.0060	0.0348
34	92	-56	0.0888	111	-45	0.0936	0.0048	0.0288
36	198	-162	0.2160	211	-149	0.2160	0.0000	0.0240
38	294	-261	0.3330	307	-245	0.3312	-0.0018	0.0240
40	291	-276	0.3402	308	-266	0.3444	0.0042	0.0258
42	296	-259	0.3330	313	-246	0.3354	0.0024	0.0216
44	322	-280	0.3612	337	-268	0.3630	0.0018	0.0192
46	355	-315	0.4020	371	-302	0.4038	0.0018	0.0174
48	395	-359	0.4524	411	-343	0.4524	0.0000	0.0156
50	351	-321	0.4032	370	-309	0.4074	0.0042	0.0156
52	315	-280	0.3570	331	-262	0.3558	-0.0012	0.0114
54	336	-299	0.3810	353	-287	0.3840	0.0030	0.0126
56	366	-332	0.4188	389	-324	0.4278	0.0090	0.0096
58	347	-309	0.3936	359	-298	0.3942	0.0006	0.0006
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS11  
**DESCRIPTION**

**CURRENT SURVEY** 1/13/2010 9:46:50 AM

**INITIAL SURVEY** 5/19/2009 11:40:58 AM

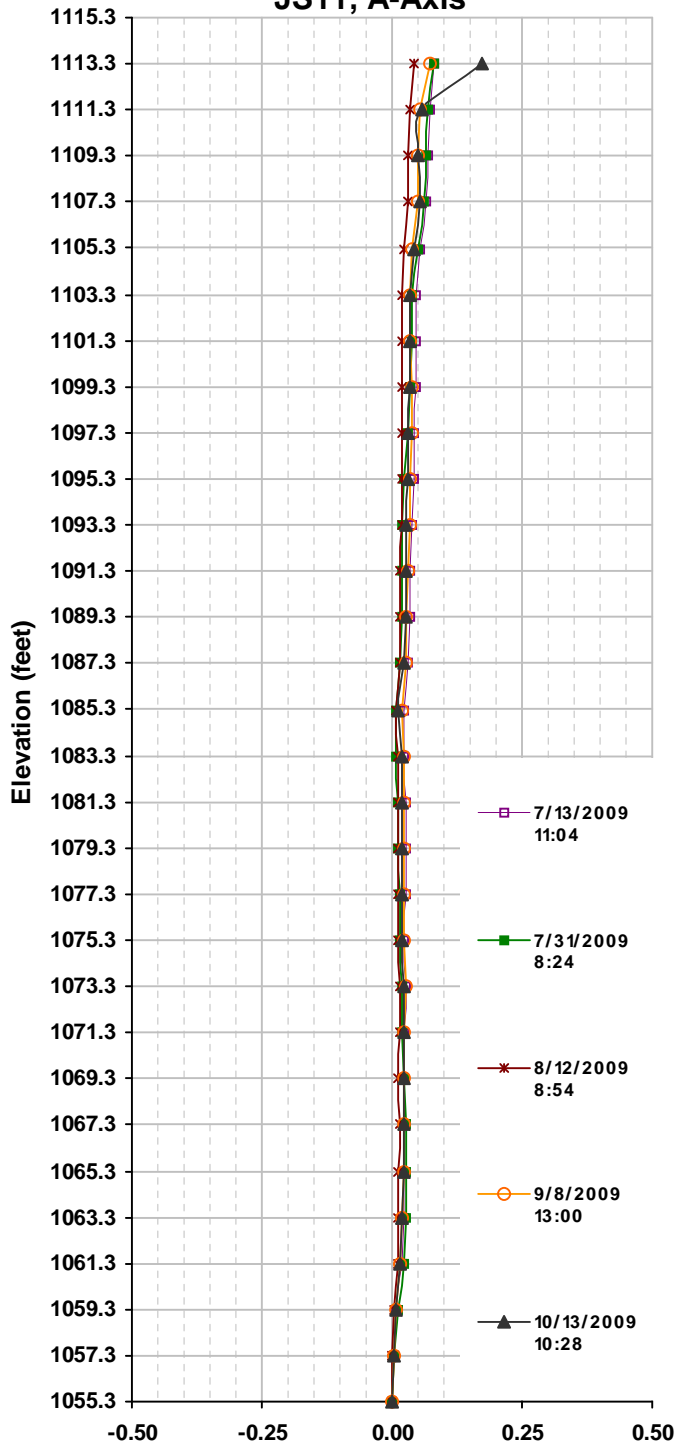
**DATE PRINTED** 1/13/2010 1:11:23 PM

Data Reduction for B Axis:

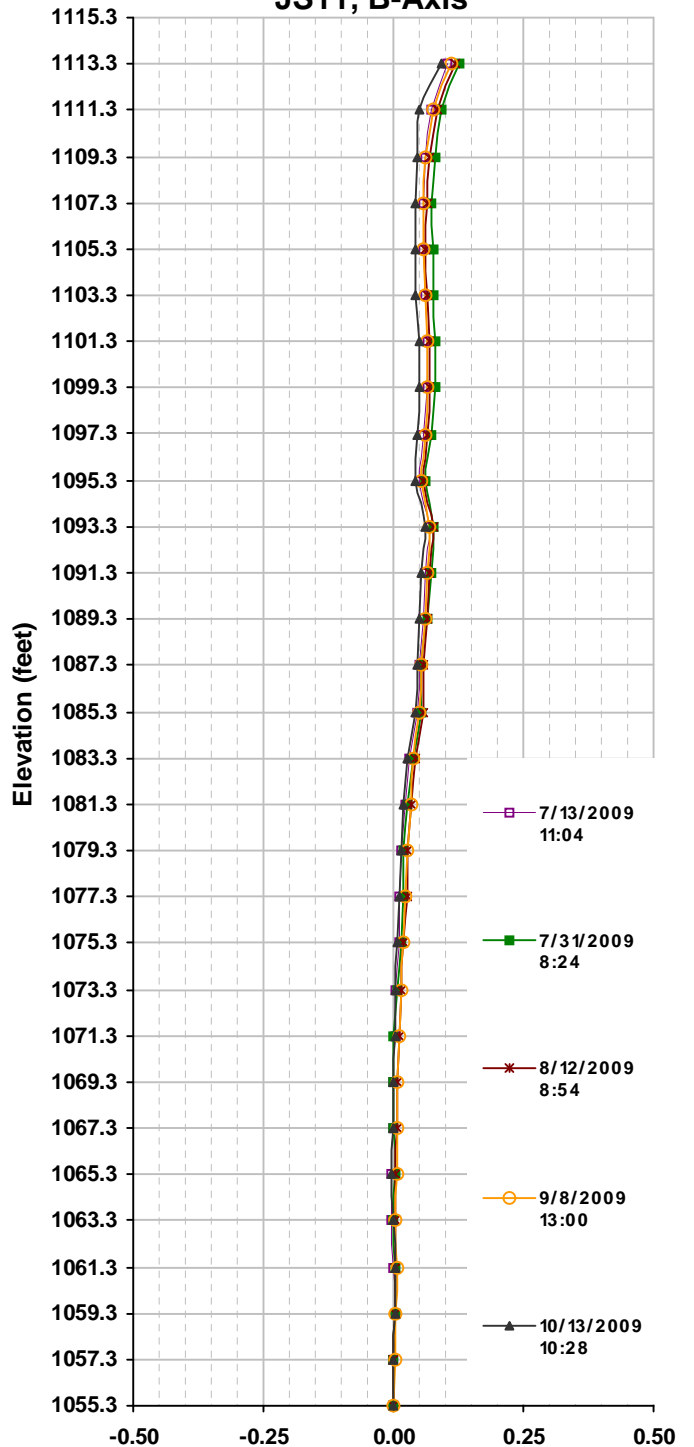
Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	346	-346	0.4152	344	-350	0.4164	0.0012	0.1422
4	578	-561	0.6834	576	-582	0.6948	0.0114	0.1410
6	684	-646	0.7980	649	-677	0.7956	-0.0024	0.1296
8	680	-641	0.7926	639	-666	0.7830	-0.0096	0.1320
10	553	-534	0.6522	547	-541	0.6528	0.0006	0.1416
12	395	-362	0.4542	356	-373	0.4374	-0.0168	0.1410
14	333	-295	0.3768	301	-322	0.3738	-0.0030	0.1578
16	275	-245	0.3120	247	-269	0.3096	-0.0024	0.1608
18	219	-179	0.2388	188	-215	0.2418	0.0030	0.1632
20	145	-168	0.1878	139	-160	0.1794	-0.0084	0.1602
22	145	-110	0.1530	130	-152	0.1692	0.0162	0.1686
24	175	-137	0.1872	142	-165	0.1842	-0.0030	0.1524
26	139	-94	0.1398	104	-129	0.1398	0.0000	0.1554
28	99	-59	0.0948	69	-97	0.0996	0.0048	0.1554
30	33	-15	0.0288	34	-57	0.0546	0.0258	0.1506
32	27	12	0.0090	16	-33	0.0294	0.0204	0.1248
34	92	-56	0.0888	75	-95	0.1020	0.0132	0.1044
36	198	-162	0.2160	187	-201	0.2328	0.0168	0.0912
38	294	-261	0.3330	276	-298	0.3444	0.0114	0.0744
40	291	-276	0.3402	281	-305	0.3516	0.0114	0.0630
42	296	-259	0.3330	278	-299	0.3462	0.0132	0.0516
44	322	-280	0.3612	299	-325	0.3744	0.0132	0.0384
46	355	-315	0.4020	336	-358	0.4164	0.0144	0.0252
48	395	-359	0.4524	361	-389	0.4500	-0.0024	0.0108
50	351	-321	0.4032	322	-348	0.4020	-0.0012	0.0132
52	315	-280	0.3570	292	-317	0.3654	0.0084	0.0144
54	336	-299	0.3810	312	-339	0.3906	0.0096	0.0060
56	366	-332	0.4188	332	-360	0.4152	-0.0036	-0.0036
58	347	-309	0.3936	315	-341	0.3936	0.0000	0.0000
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000



JS11, A-Axis

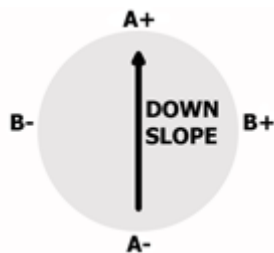


JS11, B-Axis



Cumulative Displacement (in) from 5/19/2009

Cumulative Displacement (in) from 5/19/2009



John Sevier Fossil Plant

Rogersville, TN

175569038

10/15/2009

**SITE** JSF  
**INSTALLATION** JS11  
**DESCRIPTION**

**CURRENT SURVEY** 7/13/2009 11:04:35 AM

**INITIAL SURVEY** 5/19/2009 11:40:58 AM

**DATE PRINTED** 10/15/2009 10:15:38 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-2	21	-0.0138	-3	8	-0.0066	0.0072	0.0792
4	43	-26	0.0414	42	-33	0.0450	0.0036	0.0720
6	58	-33	0.0546	51	-47	0.0588	0.0042	0.0684
8	25	-1	0.0156	24	-19	0.0258	0.0102	0.0642
10	-121	146	-0.1602	-124	131	-0.1530	0.0072	0.0540
12	-309	330	-0.3834	-318	321	-0.3834	0.0000	0.0468
14	-463	487	-0.5700	-471	478	-0.5694	0.0006	0.0468
16	-639	662	-0.7806	-646	649	-0.7770	0.0036	0.0462
18	-845	870	-1.0290	-855	858	-1.0278	0.0012	0.0426
20	-1060	1081	-1.2846	-1067	1070	-1.2822	0.0024	0.0414
22	-1081	1104	-1.3110	-1087	1091	-1.3068	0.0042	0.0390
24	-974	999	-1.1838	-983	987	-1.1820	0.0018	0.0348
26	-942	965	-1.1442	-950	952	-1.1412	0.0030	0.0330
28	-955	979	-1.1604	-959	962	-1.1526	0.0078	0.0300
30	-997	1022	-1.2114	-1009	1013	-1.2132	-0.0018	0.0222
32	-967	990	-1.1742	-979	981	-1.1760	-0.0018	0.0240
34	-898	923	-1.0926	-907	913	-1.0920	0.0006	0.0258
36	-809	829	-0.9828	-818	820	-0.9828	0.0000	0.0252
38	-702	724	-0.8556	-710	714	-0.8544	0.0012	0.0252
40	-576	601	-0.7062	-589	592	-0.7086	-0.0024	0.0240
42	-462	486	-0.5688	-471	474	-0.5670	0.0018	0.0264
44	-366	391	-0.4542	-376	381	-0.4542	0.0000	0.0246
46	-271	292	-0.3378	-280	282	-0.3372	0.0006	0.0246
48	-178	201	-0.2274	-188	190	-0.2268	0.0006	0.0240
50	-91	117	-0.1248	-101	104	-0.1230	0.0018	0.0234
52	-78	102	-0.1080	-86	89	-0.1050	0.0030	0.0216
54	-219	244	-0.2778	-222	226	-0.2688	0.0090	0.0186
56	-327	351	-0.4068	-333	336	-0.4014	0.0054	0.0096
58	-399	425	-0.4944	-407	410	-0.4902	0.0042	0.0042
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS11  
**DESCRIPTION**

**CURRENT SURVEY** 7/31/2009 8:24:23 AM

**INITIAL SURVEY** 5/19/2009 11:40:58 AM

**DATE PRINTED** 10/15/2009 10:15:38 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-2	21	-0.0138	2	3	-0.0006	0.0132	0.0816
4	43	-26	0.0414	43	-33	0.0456	0.0042	0.0684
6	58	-33	0.0546	51	-45	0.0576	0.0030	0.0642
8	25	-1	0.0156	27	-19	0.0276	0.0120	0.0612
10	-121	146	-0.1602	-120	131	-0.1506	0.0096	0.0492
12	-309	330	-0.3834	-314	321	-0.3810	0.0024	0.0396
14	-463	487	-0.5700	-468	478	-0.5676	0.0024	0.0372
16	-639	662	-0.7806	-643	649	-0.7752	0.0054	0.0348
18	-845	870	-1.0290	-850	856	-1.0236	0.0054	0.0294
20	-1060	1081	-1.2846	-1063	1071	-1.2804	0.0042	0.0240
22	-1081	1104	-1.3110	-1089	1094	-1.3098	0.0012	0.0198
24	-974	999	-1.1838	-982	990	-1.1832	0.0006	0.0186
26	-942	965	-1.1442	-949	954	-1.1418	0.0024	0.0180
28	-955	979	-1.1604	-957	963	-1.1520	0.0084	0.0156
30	-997	1022	-1.2114	-1007	1015	-1.2132	-0.0018	0.0072
32	-967	990	-1.1742	-978	983	-1.1766	-0.0024	0.0090
34	-898	923	-1.0926	-908	915	-1.0938	-0.0012	0.0114
36	-809	829	-0.9828	-817	823	-0.9840	-0.0012	0.0126
38	-702	724	-0.8556	-712	715	-0.8562	-0.0006	0.0138
40	-576	601	-0.7062	-590	597	-0.7122	-0.0060	0.0144
42	-462	486	-0.5688	-472	475	-0.5682	0.0006	0.0204
44	-366	391	-0.4542	-377	385	-0.4572	-0.0030	0.0198
46	-271	292	-0.3378	-282	287	-0.3414	-0.0036	0.0228
48	-178	201	-0.2274	-189	194	-0.2298	-0.0024	0.0264
50	-91	117	-0.1248	-100	107	-0.1242	0.0006	0.0288
52	-78	102	-0.1080	-83	91	-0.1044	0.0036	0.0282
54	-219	244	-0.2778	-217	226	-0.2658	0.0120	0.0246
56	-327	351	-0.4068	-329	337	-0.3996	0.0072	0.0126
58	-399	425	-0.4944	-404	411	-0.4890	0.0054	0.0054
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS11  
**DESCRIPTION**

**CURRENT SURVEY** 8/12/2009 8:54:29 AM  
**INITIAL SURVEY** 5/19/2009 11:40:58 AM  
**DATE PRINTED** 10/15/2009 10:15:38 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-2	21	-0.0138	-3	3	-0.0036	0.0102	0.0432
4	43	-26	0.0414	38	-33	0.0426	0.0012	0.0330
6	58	-33	0.0546	46	-46	0.0552	0.0006	0.0318
8	25	-1	0.0156	21	-20	0.0246	0.0090	0.0312
10	-121	146	-0.1602	-127	132	-0.1554	0.0048	0.0222
12	-309	330	-0.3834	-322	320	-0.3852	-0.0018	0.0174
14	-463	487	-0.5700	-475	478	-0.5718	-0.0018	0.0192
16	-639	662	-0.7806	-650	649	-0.7794	0.0012	0.0210
18	-845	870	-1.0290	-857	858	-1.0290	0.0000	0.0198
20	-1060	1081	-1.2846	-1071	1070	-1.2846	0.0000	0.0198
22	-1081	1104	-1.3110	-1090	1090	-1.3080	0.0030	0.0198
24	-974	999	-1.1838	-986	987	-1.1838	0.0000	0.0168
26	-942	965	-1.1442	-953	952	-1.1430	0.0012	0.0168
28	-955	979	-1.1604	-960	959	-1.1514	0.0090	0.0156
30	-997	1022	-1.2114	-1013	1014	-1.2162	-0.0048	0.0066
32	-967	990	-1.1742	-980	979	-1.1754	-0.0012	0.0114
34	-898	923	-1.0926	-909	911	-1.0920	0.0006	0.0126
36	-809	829	-0.9828	-819	818	-0.9822	0.0006	0.0120
38	-702	724	-0.8556	-714	713	-0.8562	-0.0006	0.0114
40	-576	601	-0.7062	-590	592	-0.7092	-0.0030	0.0120
42	-462	486	-0.5688	-473	473	-0.5676	0.0012	0.0150
44	-366	391	-0.4542	-377	379	-0.4536	0.0006	0.0138
46	-271	292	-0.3378	-282	282	-0.3384	-0.0006	0.0132
48	-178	201	-0.2274	-189	188	-0.2262	0.0012	0.0138
50	-91	117	-0.1248	-103	103	-0.1236	0.0012	0.0126
52	-78	102	-0.1080	-89	89	-0.1068	0.0012	0.0114
54	-219	244	-0.2778	-228	227	-0.2730	0.0048	0.0102
56	-327	351	-0.4068	-336	336	-0.4032	0.0036	0.0054
58	-399	425	-0.4944	-411	410	-0.4926	0.0018	0.0018
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS11  
**DESCRIPTION**

**CURRENT SURVEY** 9/8/2009 1:00:03 PM

**INITIAL SURVEY** 5/19/2009 11:40:58 AM

**DATE PRINTED** 10/15/2009 10:15:38 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-2	21	-0.0138	4	0	0.0024	0.0162	0.0714
4	43	-26	0.0414	44	-32	0.0456	0.0042	0.0552
6	58	-33	0.0546	49	-43	0.0552	0.0006	0.0510
8	25	-1	0.0156	25	-18	0.0258	0.0102	0.0504
10	-121	146	-0.1602	-123	134	-0.1542	0.0060	0.0402
12	-309	330	-0.3834	-319	323	-0.3852	-0.0018	0.0342
14	-463	487	-0.5700	-473	481	-0.5724	-0.0024	0.0360
16	-639	662	-0.7806	-647	651	-0.7788	0.0018	0.0384
18	-845	870	-1.0290	-854	860	-1.0284	0.0006	0.0366
20	-1060	1081	-1.2846	-1066	1071	-1.2822	0.0024	0.0360
22	-1081	1104	-1.3110	-1087	1092	-1.3074	0.0036	0.0336
24	-974	999	-1.1838	-982	989	-1.1826	0.0012	0.0300
26	-942	965	-1.1442	-951	954	-1.1430	0.0012	0.0288
28	-955	979	-1.1604	-956	961	-1.1502	0.0102	0.0276
30	-997	1022	-1.2114	-1010	1016	-1.2156	-0.0042	0.0174
32	-967	990	-1.1742	-978	981	-1.1754	-0.0012	0.0216
34	-898	923	-1.0926	-905	914	-1.0914	0.0012	0.0228
36	-809	829	-0.9828	-817	821	-0.9828	0.0000	0.0216
38	-702	724	-0.8556	-711	715	-0.8556	0.0000	0.0216
40	-576	601	-0.7062	-588	595	-0.7098	-0.0036	0.0216
42	-462	486	-0.5688	-470	474	-0.5664	0.0024	0.0252
44	-366	391	-0.4542	-374	381	-0.4530	0.0012	0.0228
46	-271	292	-0.3378	-279	285	-0.3384	-0.0006	0.0216
48	-178	201	-0.2274	-187	191	-0.2268	0.0006	0.0222
50	-91	117	-0.1248	-100	105	-0.1230	0.0018	0.0216
52	-78	102	-0.1080	-85	90	-0.1050	0.0030	0.0198
54	-219	244	-0.2778	-223	227	-0.2700	0.0078	0.0168
56	-327	351	-0.4068	-331	337	-0.4008	0.0060	0.0090
58	-399	425	-0.4944	-407	412	-0.4914	0.0030	0.0030
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS11  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 10:28:24 AM

**INITIAL SURVEY** 5/19/2009 11:40:58 AM

**DATE PRINTED** 10/15/2009 10:15:38 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-2	21	-0.0138	91	-79	0.1020	0.1158	0.1740
4	43	-26	0.0414	47	-33	0.0480	0.0066	0.0582
6	58	-33	0.0546	48	-40	0.0528	-0.0018	0.0516
8	25	-1	0.0156	27	-17	0.0264	0.0108	0.0534
10	-121	146	-0.1602	-120	132	-0.1512	0.0090	0.0426
12	-309	330	-0.3834	-317	325	-0.3852	-0.0018	0.0336
14	-463	487	-0.5700	-470	481	-0.5706	-0.0006	0.0354
16	-639	662	-0.7806	-644	651	-0.7770	0.0036	0.0360
18	-845	870	-1.0290	-851	860	-1.0266	0.0024	0.0324
20	-1060	1081	-1.2846	-1065	1074	-1.2834	0.0012	0.0300
22	-1081	1104	-1.3110	-1087	1095	-1.3092	0.0018	0.0288
24	-974	999	-1.1838	-981	991	-1.1832	0.0006	0.0270
26	-942	965	-1.1442	-949	955	-1.1424	0.0018	0.0264
28	-955	979	-1.1604	-953	961	-1.1484	0.0120	0.0246
30	-997	1022	-1.2114	-1009	1019	-1.2168	-0.0054	0.0126
32	-967	990	-1.1742	-975	984	-1.1754	-0.0012	0.0180
34	-898	923	-1.0926	-905	915	-1.0920	0.0006	0.0192
36	-809	829	-0.9828	-816	823	-0.9834	-0.0006	0.0186
38	-702	724	-0.8556	-710	717	-0.8562	-0.0006	0.0192
40	-576	601	-0.7062	-587	597	-0.7104	-0.0042	0.0198
42	-462	486	-0.5688	-470	476	-0.5676	0.0012	0.0240
44	-366	391	-0.4542	-374	383	-0.4542	0.0000	0.0228
46	-271	292	-0.3378	-278	286	-0.3384	-0.0006	0.0228
48	-178	201	-0.2274	-186	192	-0.2268	0.0006	0.0234
50	-91	117	-0.1248	-98	106	-0.1224	0.0024	0.0228
52	-78	102	-0.1080	-83	91	-0.1044	0.0036	0.0204
54	-219	244	-0.2778	-221	229	-0.2700	0.0078	0.0168
56	-327	351	-0.4068	-331	338	-0.4014	0.0054	0.0090
58	-399	425	-0.4944	-405	413	-0.4908	0.0036	0.0036
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS11  
**DESCRIPTION**

**CURRENT SURVEY** 7/13/2009 11:04:35 AM

**INITIAL SURVEY** 5/19/2009 11:40:58 AM

**DATE PRINTED** 10/15/2009 10:15:52 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	346	-346	0.4152	390	-355	0.4470	0.0318	0.1056
4	578	-561	0.6834	606	-552	0.6948	0.0114	0.0738
6	684	-646	0.7980	701	-637	0.8028	0.0048	0.0624
8	680	-641	0.7926	691	-628	0.7914	-0.0012	0.0576
10	553	-534	0.6522	561	-522	0.6498	-0.0024	0.0588
12	395	-362	0.4542	406	-343	0.4494	-0.0048	0.0612
14	333	-295	0.3768	347	-285	0.3792	0.0024	0.0660
16	275	-245	0.3120	295	-235	0.3180	0.0060	0.0636
18	219	-179	0.2388	236	-173	0.2454	0.0066	0.0576
20	145	-168	0.1878	164	-120	0.1704	-0.0174	0.0510
22	145	-110	0.1530	165	-99	0.1584	0.0054	0.0684
24	175	-137	0.1872	193	-129	0.1932	0.0060	0.0630
26	139	-94	0.1398	154	-93	0.1482	0.0084	0.0570
28	99	-59	0.0948	115	-49	0.0984	0.0036	0.0486
30	33	-15	0.0288	55	-19	0.0444	0.0156	0.0450
32	27	12	0.0090	46	18	0.0168	0.0078	0.0294
34	92	-56	0.0888	109	-51	0.0960	0.0072	0.0216
36	198	-162	0.2160	213	-153	0.2196	0.0036	0.0144
38	294	-261	0.3330	307	-249	0.3336	0.0006	0.0108
40	291	-276	0.3402	305	-271	0.3456	0.0054	0.0102
42	296	-259	0.3330	310	-249	0.3354	0.0024	0.0048
44	322	-280	0.3612	334	-273	0.3642	0.0030	0.0024
46	355	-315	0.4020	367	-305	0.4032	0.0012	-0.0006
48	395	-359	0.4524	409	-347	0.4536	0.0012	-0.0018
50	351	-321	0.4032	362	-311	0.4038	0.0006	-0.0030
52	315	-280	0.3570	326	-266	0.3552	-0.0018	-0.0036
54	336	-299	0.3810	341	-287	0.3768	-0.0042	-0.0018
56	366	-332	0.4188	383	-322	0.4230	0.0042	0.0024
58	347	-309	0.3936	353	-300	0.3918	-0.0018	-0.0018
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS11  
**DESCRIPTION**

**CURRENT SURVEY** 7/31/2009 8:24:23 AM

**INITIAL SURVEY** 5/19/2009 11:40:58 AM

**DATE PRINTED** 10/15/2009 10:15:52 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	346	-346	0.4152	390	-358	0.4488	0.0336	0.1260
4	578	-561	0.6834	607	-553	0.6960	0.0126	0.0924
6	684	-646	0.7980	701	-638	0.8034	0.0054	0.0798
8	680	-641	0.7926	691	-627	0.7908	-0.0018	0.0744
10	553	-534	0.6522	562	-522	0.6504	-0.0018	0.0762
12	395	-362	0.4542	405	-345	0.4500	-0.0042	0.0780
14	333	-295	0.3768	348	-285	0.3798	0.0030	0.0822
16	275	-245	0.3120	297	-235	0.3192	0.0072	0.0792
18	219	-179	0.2388	237	-177	0.2484	0.0096	0.0720
20	145	-168	0.1878	163	-124	0.1722	-0.0156	0.0624
22	145	-110	0.1530	164	-100	0.1584	0.0054	0.0780
24	175	-137	0.1872	193	-130	0.1938	0.0066	0.0726
26	139	-94	0.1398	157	-94	0.1506	0.0108	0.0660
28	99	-59	0.0948	115	-48	0.0978	0.0030	0.0552
30	33	-15	0.0288	57	-17	0.0444	0.0156	0.0522
32	27	12	0.0090	45	15	0.0180	0.0090	0.0366
34	92	-56	0.0888	106	-53	0.0954	0.0066	0.0276
36	198	-162	0.2160	211	-155	0.2196	0.0036	0.0210
38	294	-261	0.3330	307	-251	0.3348	0.0018	0.0174
40	291	-276	0.3402	306	-273	0.3474	0.0072	0.0156
42	296	-259	0.3330	309	-257	0.3396	0.0066	0.0084
44	322	-280	0.3612	332	-271	0.3618	0.0006	0.0018
46	355	-315	0.4020	367	-303	0.4020	0.0000	0.0012
48	395	-359	0.4524	407	-345	0.4512	-0.0012	0.0012
50	351	-321	0.4032	365	-311	0.4056	0.0024	0.0024
52	315	-280	0.3570	326	-264	0.3540	-0.0030	0.0000
54	336	-299	0.3810	346	-287	0.3798	-0.0012	0.0030
56	366	-332	0.4188	382	-320	0.4212	0.0024	0.0042
58	347	-309	0.3936	360	-299	0.3954	0.0018	0.0018
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000



**SITE** JSF  
**INSTALLATION** JS11  
**DESCRIPTION**

**CURRENT SURVEY** 8/12/2009 8:54:29 AM

**INITIAL SURVEY** 5/19/2009 11:40:58 AM

**DATE PRINTED** 10/15/2009 10:15:52 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	346	-346	0.4152	392	-362	0.4524	0.0372	0.1200
4	578	-561	0.6834	606	-553	0.6954	0.0120	0.0828
6	684	-646	0.7980	702	-640	0.8052	0.0072	0.0708
8	680	-641	0.7926	691	-631	0.7932	0.0006	0.0636
10	553	-534	0.6522	561	-525	0.6516	-0.0006	0.0630
12	395	-362	0.4542	403	-343	0.4476	-0.0066	0.0636
14	333	-295	0.3768	346	-284	0.3780	0.0012	0.0702
16	275	-245	0.3120	293	-236	0.3174	0.0054	0.0690
18	219	-179	0.2388	234	-175	0.2454	0.0066	0.0636
20	145	-168	0.1878	160	-121	0.1686	-0.0192	0.0570
22	145	-110	0.1530	163	-102	0.1590	0.0060	0.0762
24	175	-137	0.1872	191	-129	0.1920	0.0048	0.0702
26	139	-94	0.1398	151	-92	0.1458	0.0060	0.0654
28	99	-59	0.0948	112	-50	0.0972	0.0024	0.0594
30	33	-15	0.0288	54	-18	0.0432	0.0144	0.0570
32	27	12	0.0090	45	17	0.0168	0.0078	0.0426
34	92	-56	0.0888	107	-51	0.0948	0.0060	0.0348
36	198	-162	0.2160	211	-155	0.2196	0.0036	0.0288
38	294	-261	0.3330	310	-253	0.3378	0.0048	0.0252
40	291	-276	0.3402	303	-271	0.3444	0.0042	0.0204
42	296	-259	0.3330	310	-251	0.3366	0.0036	0.0162
44	322	-280	0.3612	334	-274	0.3648	0.0036	0.0126
46	355	-315	0.4020	368	-307	0.4050	0.0030	0.0090
48	395	-359	0.4524	409	-349	0.4548	0.0024	0.0060
50	351	-321	0.4032	362	-311	0.4038	0.0006	0.0036
52	315	-280	0.3570	326	-266	0.3552	-0.0018	0.0030
54	336	-299	0.3810	346	-288	0.3804	-0.0006	0.0048
56	366	-332	0.4188	383	-323	0.4236	0.0048	0.0054
58	347	-309	0.3936	358	-299	0.3942	0.0006	0.0006
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS11  
**DESCRIPTION**

**CURRENT SURVEY** 9/8/2009 1:00:03 PM

**INITIAL SURVEY** 5/19/2009 11:40:58 AM

**DATE PRINTED** 10/15/2009 10:15:52 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	346	-346	0.4152	393	-357	0.4500	0.0348	0.1134
4	578	-561	0.6834	613	-552	0.6990	0.0156	0.0786
6	684	-646	0.7980	705	-637	0.8052	0.0072	0.0630
8	680	-641	0.7926	691	-626	0.7902	-0.0024	0.0558
10	553	-534	0.6522	565	-519	0.6504	-0.0018	0.0582
12	395	-362	0.4542	405	-340	0.4470	-0.0072	0.0600
14	333	-295	0.3768	347	-282	0.3774	0.0006	0.0672
16	275	-245	0.3120	296	-234	0.3180	0.0060	0.0666
18	219	-179	0.2388	239	-171	0.2460	0.0072	0.0606
20	145	-168	0.1878	165	-121	0.1716	-0.0162	0.0534
22	145	-110	0.1530	166	-97	0.1578	0.0048	0.0696
24	175	-137	0.1872	195	-125	0.1920	0.0048	0.0648
26	139	-94	0.1398	155	-90	0.1470	0.0072	0.0600
28	99	-59	0.0948	116	-45	0.0966	0.0018	0.0528
30	33	-15	0.0288	58	-9	0.0402	0.0114	0.0510
32	27	12	0.0090	49	23	0.0156	0.0066	0.0396
34	92	-56	0.0888	111	-45	0.0936	0.0048	0.0330
36	198	-162	0.2160	217	-150	0.2202	0.0042	0.0282
38	294	-261	0.3330	313	-247	0.3360	0.0030	0.0240
40	291	-276	0.3402	308	-267	0.3450	0.0048	0.0210
42	296	-259	0.3330	314	-247	0.3366	0.0036	0.0162
44	322	-280	0.3612	338	-269	0.3642	0.0030	0.0126
46	355	-315	0.4020	371	-301	0.4032	0.0012	0.0096
48	395	-359	0.4524	413	-345	0.4548	0.0024	0.0084
50	351	-321	0.4032	366	-310	0.4056	0.0024	0.0060
52	315	-280	0.3570	329	-262	0.3546	-0.0024	0.0036
54	336	-299	0.3810	351	-285	0.3816	0.0006	0.0060
56	366	-332	0.4188	385	-318	0.4218	0.0030	0.0054
58	347	-309	0.3936	362	-298	0.3960	0.0024	0.0024
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS11  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 10:28:24 AM

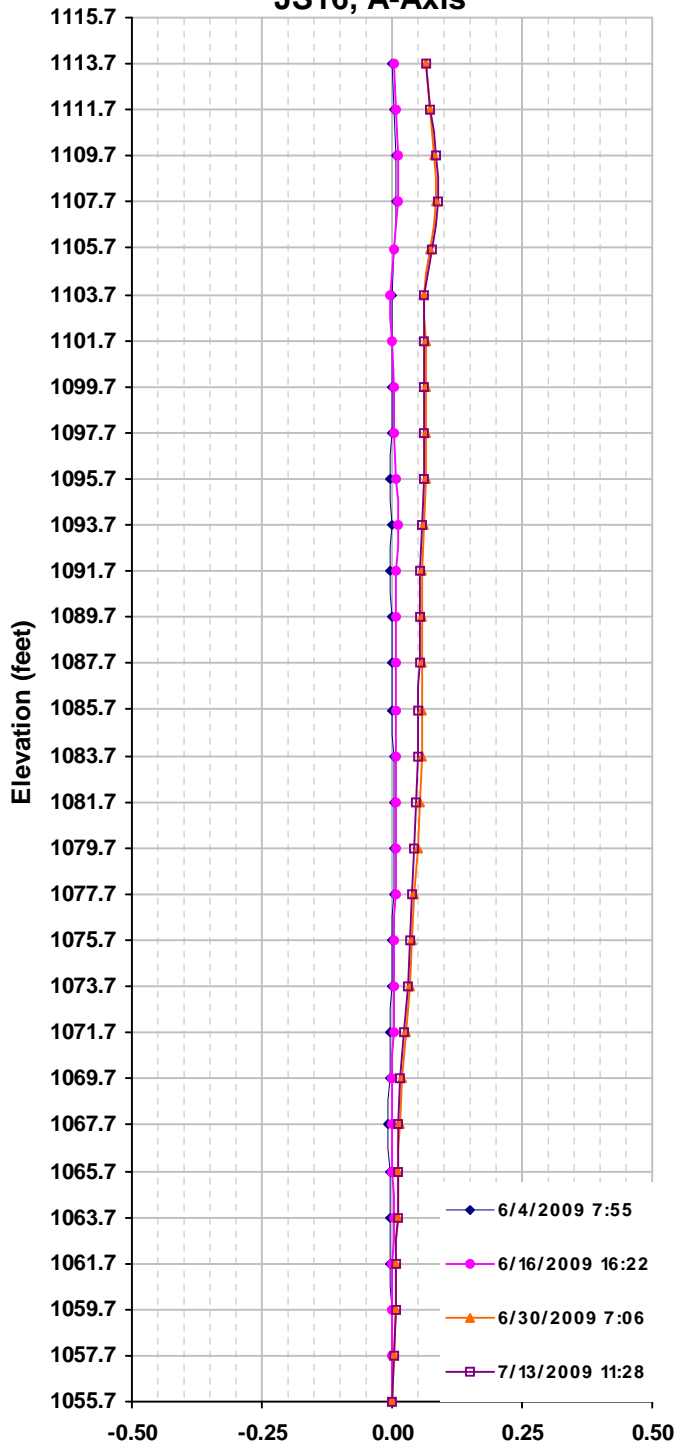
**INITIAL SURVEY** 5/19/2009 11:40:58 AM

**DATE PRINTED** 10/15/2009 10:15:52 AM

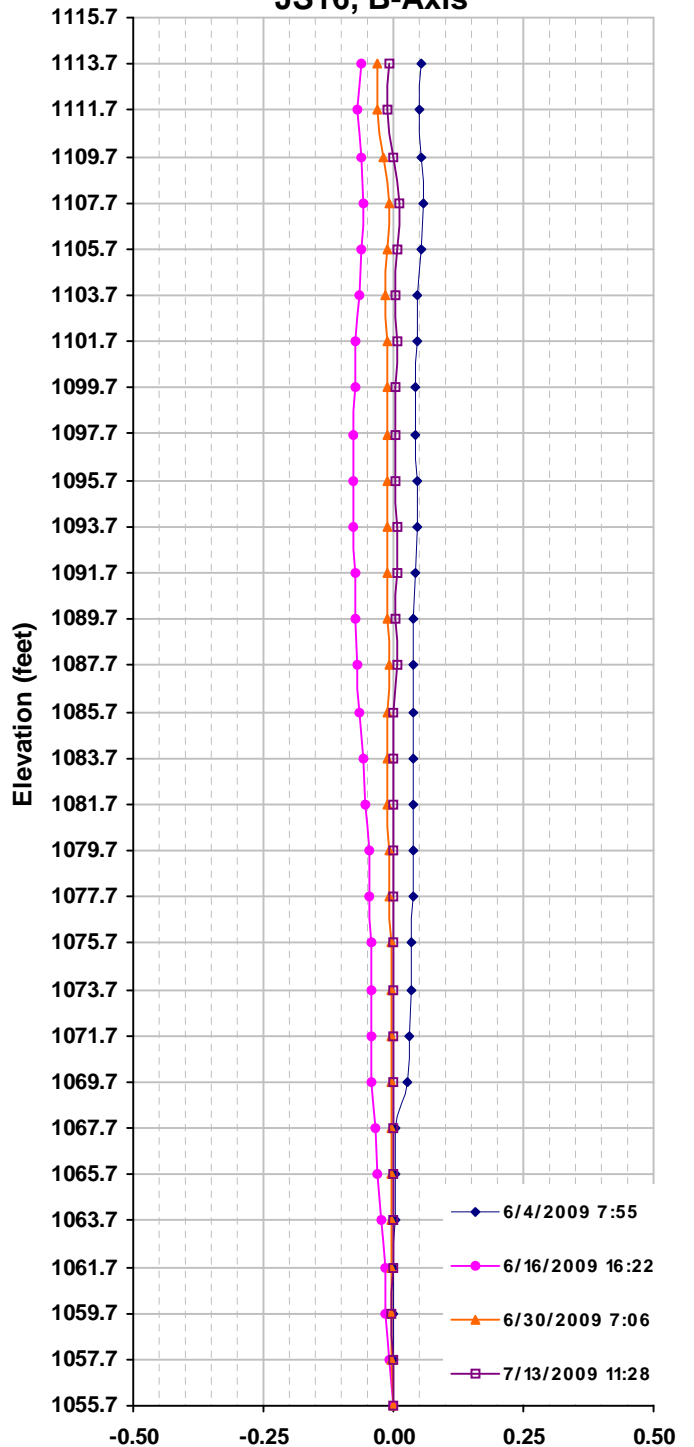
Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	346	-346	0.4152	398	-364	0.4572	0.0420	0.0930
4	578	-561	0.6834	596	-549	0.6870	0.0036	0.0510
6	684	-646	0.7980	701	-639	0.8040	0.0060	0.0474
8	680	-641	0.7926	691	-629	0.7920	-0.0006	0.0414
10	553	-534	0.6522	562	-523	0.6510	-0.0012	0.0420
12	395	-362	0.4542	401	-342	0.4458	-0.0084	0.0432
14	333	-295	0.3768	344	-286	0.3780	0.0012	0.0516
16	275	-245	0.3120	291	-235	0.3156	0.0036	0.0504
18	219	-179	0.2388	234	-174	0.2448	0.0060	0.0468
20	145	-168	0.1878	161	-120	0.1686	-0.0192	0.0408
22	145	-110	0.1530	163	-101	0.1584	0.0054	0.0600
24	175	-137	0.1872	189	-129	0.1908	0.0036	0.0546
26	139	-94	0.1398	149	-93	0.1452	0.0054	0.0510
28	99	-59	0.0948	115	-50	0.0990	0.0042	0.0456
30	33	-15	0.0288	54	-18	0.0432	0.0144	0.0414
32	27	12	0.0090	44	19	0.0150	0.0060	0.0270
34	92	-56	0.0888	107	-48	0.0930	0.0042	0.0210
36	198	-162	0.2160	213	-153	0.2196	0.0036	0.0168
38	294	-261	0.3330	310	-251	0.3366	0.0036	0.0132
40	291	-276	0.3402	305	-269	0.3444	0.0042	0.0096
42	296	-259	0.3330	307	-251	0.3348	0.0018	0.0054
44	322	-280	0.3612	333	-273	0.3636	0.0024	0.0036
46	355	-315	0.4020	367	-306	0.4038	0.0018	0.0012
48	395	-359	0.4524	409	-348	0.4542	0.0018	-0.0006
50	351	-321	0.4032	359	-311	0.4020	-0.0012	-0.0024
52	315	-280	0.3570	322	-267	0.3534	-0.0036	-0.0012
54	336	-299	0.3810	345	-289	0.3804	-0.0006	0.0024
56	366	-332	0.4188	381	-323	0.4224	0.0036	0.0030
58	347	-309	0.3936	355	-300	0.3930	-0.0006	-0.0006
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000

### JS16, A-Axis

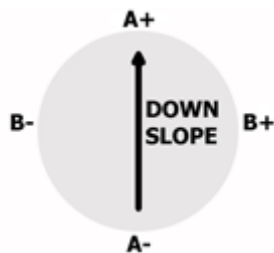


### JS16, B-Axis



Cumulative Displacement (in) from 5/19/2009

Cumulative Displacement (in) from 5/19/2009



John Sevier Fossil Plant

Rogersville, TN

175569038

7/16/2009

**SITE** JSF  
**INSTALLATION** JS16  
**DESCRIPTION**

**CURRENT SURVEY** 6/4/2009 7:55:41 AM

**INITIAL SURVEY** 5/19/2009 9:39:34 AM

**DATE PRINTED** 7/15/2009 7:46:41 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	99	-74	0.1038	94	-71	0.0990	-0.0048	0.0000
4	229	-206	0.2610	226	-203	0.2574	-0.0036	0.0048
6	280	-255	0.3210	281	-256	0.3222	0.0012	0.0084
8	219	-198	0.2502	222	-201	0.2538	0.0036	0.0072
10	202	-181	0.2298	206	-185	0.2346	0.0048	0.0036
12	179	-155	0.2004	178	-153	0.1986	-0.0018	-0.0012
14	146	-123	0.1614	145	-125	0.1620	0.0006	0.0006
16	87	-63	0.0900	87	-65	0.0912	0.0012	0.0000
18	25	-1	0.0156	24	-4	0.0168	0.0012	-0.0012
20	-59	83	-0.0852	-61	82	-0.0858	-0.0006	-0.0024
22	-123	149	-0.1632	-123	148	-0.1626	0.0006	-0.0018
24	-93	115	-0.1248	-95	114	-0.1254	-0.0006	-0.0024
26	-49	73	-0.0732	-50	73	-0.0738	-0.0006	-0.0018
28	-17	40	-0.0342	-19	41	-0.0360	-0.0018	-0.0012
30	-43	66	-0.0654	-44	69	-0.0678	-0.0024	0.0006
32	-81	105	-0.1116	-82	106	-0.1128	-0.0012	0.0030
34	-83	106	-0.1134	-83	105	-0.1128	0.0006	0.0042
36	-106	129	-0.1410	-106	127	-0.1398	0.0012	0.0036
38	-135	158	-0.1758	-134	156	-0.1740	0.0018	0.0024
40	-165	189	-0.2124	-165	187	-0.2112	0.0012	0.0006
42	-237	263	-0.3000	-236	259	-0.2970	0.0030	-0.0006
44	-298	318	-0.3696	-297	318	-0.3690	0.0006	-0.0036
46	-334	358	-0.4152	-334	355	-0.4134	0.0018	-0.0042
48	-337	361	-0.4188	-338	361	-0.4194	-0.0006	-0.0060
50	-359	382	-0.4446	-361	384	-0.4470	-0.0024	-0.0054
52	-412	433	-0.5070	-411	433	-0.5064	0.0006	-0.0030
54	-401	423	-0.4944	-404	425	-0.4974	-0.0030	-0.0036
56	-338	362	-0.4200	-339	361	-0.4200	0.0000	-0.0006
58	-344	367	-0.4266	-344	368	-0.4272	-0.0006	-0.0006
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS16  
**DESCRIPTION**

**CURRENT SURVEY** 6/16/2009 4:22:00 PM

**INITIAL SURVEY** 5/19/2009 9:39:34 AM

**DATE PRINTED** 7/15/2009 7:46:41 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	99	-74	0.1038	74	-90	0.0984	-0.0054	0.0024
4	229	-206	0.2610	209	-222	0.2586	-0.0024	0.0078
6	280	-255	0.3210	260	-274	0.3204	-0.0006	0.0102
8	219	-198	0.2502	208	-220	0.2568	0.0066	0.0108
10	202	-181	0.2298	190	-205	0.2370	0.0072	0.0042
12	179	-155	0.2004	157	-172	0.1974	-0.0030	-0.0030
14	146	-123	0.1614	126	-139	0.1590	-0.0024	0.0000
16	87	-63	0.0900	64	-81	0.0870	-0.0030	0.0024
18	25	-1	0.0156	4	-18	0.0132	-0.0024	0.0054
20	-59	83	-0.0852	-82	64	-0.0876	-0.0024	0.0078
22	-123	149	-0.1632	-141	129	-0.1620	0.0012	0.0102
24	-93	115	-0.1248	-111	97	-0.1248	0.0000	0.0090
26	-49	73	-0.0732	-67	52	-0.0714	0.0018	0.0090
28	-17	40	-0.0342	-36	22	-0.0348	-0.0006	0.0072
30	-43	66	-0.0654	-63	48	-0.0666	-0.0012	0.0078
32	-81	105	-0.1116	-101	84	-0.1110	0.0006	0.0090
34	-83	106	-0.1134	-100	85	-0.1110	0.0024	0.0084
36	-106	129	-0.1410	-125	110	-0.1410	0.0000	0.0060
38	-135	158	-0.1758	-152	140	-0.1752	0.0006	0.0060
40	-165	189	-0.2124	-185	169	-0.2124	0.0000	0.0054
42	-237	263	-0.3000	-254	242	-0.2976	0.0024	0.0054
44	-298	318	-0.3696	-314	300	-0.3684	0.0012	0.0030
46	-334	358	-0.4152	-354	338	-0.4152	0.0000	0.0018
48	-337	361	-0.4188	-355	342	-0.4182	0.0006	0.0018
50	-359	382	-0.4446	-379	365	-0.4464	-0.0018	0.0012
52	-412	433	-0.5070	-429	412	-0.5046	0.0024	0.0030
54	-401	423	-0.4944	-419	403	-0.4932	0.0012	0.0006
56	-338	362	-0.4200	-357	343	-0.4200	0.0000	-0.0006
58	-344	367	-0.4266	-363	349	-0.4272	-0.0006	-0.0006
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS16  
**DESCRIPTION**

**CURRENT SURVEY** 6/30/2009 7:06:21 AM

**INITIAL SURVEY** 5/19/2009 9:39:34 AM

**DATE PRINTED** 7/15/2009 7:46:41 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	99	-74	0.1038	82	-78	0.0960	-0.0078	0.0636
4	229	-206	0.2610	210	-209	0.2514	-0.0096	0.0714
6	280	-255	0.3210	269	-263	0.3192	-0.0018	0.0810
8	219	-198	0.2502	217	-214	0.2586	0.0084	0.0828
10	202	-181	0.2298	203	-201	0.2424	0.0126	0.0744
12	179	-155	0.2004	167	-162	0.1974	-0.0030	0.0618
14	146	-123	0.1614	135	-132	0.1602	-0.0012	0.0648
16	87	-63	0.0900	78	-74	0.0912	0.0012	0.0660
18	25	-1	0.0156	15	-13	0.0168	0.0012	0.0648
20	-59	83	-0.0852	-67	70	-0.0822	0.0030	0.0636
22	-123	149	-0.1632	-131	137	-0.1608	0.0024	0.0606
24	-93	115	-0.1248	-103	105	-0.1248	0.0000	0.0582
26	-49	73	-0.0732	-58	62	-0.0720	0.0012	0.0582
28	-17	40	-0.0342	-26	30	-0.0336	0.0006	0.0570
30	-43	66	-0.0654	-51	57	-0.0648	0.0006	0.0564
32	-81	105	-0.1116	-89	93	-0.1092	0.0024	0.0558
34	-83	106	-0.1134	-89	93	-0.1092	0.0042	0.0534
36	-106	129	-0.1410	-111	113	-0.1344	0.0066	0.0492
38	-135	158	-0.1758	-142	143	-0.1710	0.0048	0.0426
40	-165	189	-0.2124	-173	174	-0.2082	0.0042	0.0378
42	-237	263	-0.3000	-242	246	-0.2928	0.0072	0.0336
44	-298	318	-0.3696	-302	304	-0.3636	0.0060	0.0264
46	-334	358	-0.4152	-341	343	-0.4104	0.0048	0.0204
48	-337	361	-0.4188	-345	349	-0.4164	0.0024	0.0156
50	-359	382	-0.4446	-367	373	-0.4440	0.0006	0.0132
52	-412	433	-0.5070	-415	421	-0.5016	0.0054	0.0126
54	-401	423	-0.4944	-412	411	-0.4938	0.0006	0.0072
56	-338	362	-0.4200	-349	348	-0.4182	0.0018	0.0066
58	-344	367	-0.4266	-349	354	-0.4218	0.0048	0.0048
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS16  
**DESCRIPTION**

**CURRENT SURVEY** 7/13/2009 11:28:15 AM

**INITIAL SURVEY** 5/19/2009 9:39:34 AM

**DATE PRINTED** 7/15/2009 7:46:41 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	99	-74	0.1038	80	-76	0.0936	-0.0102	0.0636
4	229	-206	0.2610	211	-206	0.2502	-0.0108	0.0738
6	280	-255	0.3210	269	-262	0.3186	-0.0024	0.0846
8	219	-198	0.2502	219	-216	0.2610	0.0108	0.0870
10	202	-181	0.2298	207	-203	0.2460	0.0162	0.0762
12	179	-155	0.2004	168	-162	0.1980	-0.0024	0.0600
14	146	-123	0.1614	137	-131	0.1608	-0.0006	0.0624
16	87	-63	0.0900	78	-74	0.0912	0.0012	0.0630
18	25	-1	0.0156	17	-12	0.0174	0.0018	0.0618
20	-59	83	-0.0852	-66	70	-0.0816	0.0036	0.0600
22	-123	149	-0.1632	-130	137	-0.1602	0.0030	0.0564
24	-93	115	-0.1248	-103	106	-0.1254	-0.0006	0.0534
26	-49	73	-0.0732	-58	62	-0.0720	0.0012	0.0540
28	-17	40	-0.0342	-25	30	-0.0330	0.0012	0.0528
30	-43	66	-0.0654	-50	56	-0.0636	0.0018	0.0516
32	-81	105	-0.1116	-89	93	-0.1092	0.0024	0.0498
34	-83	106	-0.1134	-89	94	-0.1098	0.0036	0.0474
36	-106	129	-0.1410	-111	114	-0.1350	0.0060	0.0438
38	-135	158	-0.1758	-141	145	-0.1716	0.0042	0.0378
40	-165	189	-0.2124	-172	175	-0.2082	0.0042	0.0336
42	-237	263	-0.3000	-242	246	-0.2928	0.0072	0.0294
44	-298	318	-0.3696	-301	306	-0.3642	0.0054	0.0222
46	-334	358	-0.4152	-341	343	-0.4104	0.0048	0.0168
48	-337	361	-0.4188	-345	350	-0.4170	0.0018	0.0120
50	-359	382	-0.4446	-367	374	-0.4446	0.0000	0.0102
52	-412	433	-0.5070	-416	422	-0.5028	0.0042	0.0102
54	-401	423	-0.4944	-411	413	-0.4944	0.0000	0.0060
56	-338	362	-0.4200	-348	349	-0.4182	0.0018	0.0060
58	-344	367	-0.4266	-349	355	-0.4224	0.0042	0.0042
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000



**SITE** JSF  
**INSTALLATION** JS16  
**DESCRIPTION**

**CURRENT SURVEY** 6/4/2009 7:55:41 AM

**INITIAL SURVEY** 5/19/2009 9:39:34 AM

**DATE PRINTED** 7/15/2009 7:46:55 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-20	47	-0.0402	-15	46	-0.0366	0.0036	0.0552
4	-35	70	-0.0630	-38	71	-0.0654	-0.0024	0.0516
6	-10	43	-0.0318	-10	48	-0.0348	-0.0030	0.0540
8	3	32	-0.0174	6	29	-0.0138	0.0036	0.0570
10	14	24	-0.0060	18	19	-0.0006	0.0054	0.0534
12	-97	113	-0.1260	-89	118	-0.1242	0.0018	0.0480
14	-85	123	-0.1248	-85	119	-0.1224	0.0024	0.0462
16	-4	40	-0.0264	-5	37	-0.0252	0.0012	0.0438
18	109	-74	0.1098	104	-74	0.1068	-0.0030	0.0426
20	189	-151	0.2040	189	-150	0.2034	-0.0006	0.0456
22	173	-143	0.1896	174	-147	0.1926	0.0030	0.0462
24	191	-159	0.2100	192	-163	0.2130	0.0030	0.0432
26	226	-193	0.2514	226	-194	0.2520	0.0006	0.0402
28	313	-281	0.3564	311	-282	0.3558	-0.0006	0.0396
30	455	-433	0.5328	454	-435	0.5334	0.0006	0.0402
32	517	-494	0.6066	517	-494	0.6066	0.0000	0.0396
34	611	-579	0.7140	609	-582	0.7146	0.0006	0.0396
36	650	-614	0.7584	650	-617	0.7602	0.0018	0.0390
38	627	-594	0.7326	629	-595	0.7344	0.0018	0.0372
40	569	-534	0.6618	571	-535	0.6636	0.0018	0.0354
42	475	-450	0.5550	475	-455	0.5580	0.0030	0.0336
44	502	-467	0.5814	501	-471	0.5832	0.0018	0.0306
46	496	-459	0.5730	495	-499	0.5964	0.0234	0.0288
48	510	-474	0.5904	510	-479	0.5934	0.0030	0.0054
50	563	-542	0.6630	564	-539	0.6618	-0.0012	0.0024
52	647	-637	0.7704	651	-637	0.7728	0.0024	0.0036
54	747	-719	0.8796	747	-723	0.8820	0.0024	0.0012
56	661	-644	0.7830	670	-634	0.7824	-0.0006	-0.0012
58	639	-609	0.7488	638	-609	0.7482	-0.0006	-0.0006
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS16  
**DESCRIPTION**

**CURRENT SURVEY** 6/16/2009 4:22:00 PM

**INITIAL SURVEY** 5/19/2009 9:39:34 AM

**DATE PRINTED** 7/15/2009 7:46:55 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-20	47	-0.0402	-28	29	-0.0342	0.0060	-0.0618
4	-35	70	-0.0630	-60	58	-0.0708	-0.0078	-0.0678
6	-10	43	-0.0318	-30	30	-0.0360	-0.0042	-0.0600
8	3	32	-0.0174	-11	11	-0.0132	0.0042	-0.0558
10	14	24	-0.0060	2	0	0.0012	0.0072	-0.0600
12	-97	113	-0.1260	-100	102	-0.1212	0.0048	-0.0672
14	-85	123	-0.1248	-102	103	-0.1230	0.0018	-0.0720
16	-4	40	-0.0264	-21	21	-0.0252	0.0012	-0.0738
18	109	-74	0.1098	93	-91	0.1104	0.0006	-0.0750
20	189	-151	0.2040	170	-169	0.2034	-0.0006	-0.0756
22	173	-143	0.1896	156	-157	0.1878	-0.0018	-0.0750
24	191	-159	0.2100	175	-173	0.2088	-0.0012	-0.0732
26	226	-193	0.2514	207	-207	0.2484	-0.0030	-0.0720
28	313	-281	0.3564	294	-292	0.3516	-0.0048	-0.0690
30	455	-433	0.5328	439	-440	0.5274	-0.0054	-0.0642
32	517	-494	0.6066	502	-500	0.6012	-0.0054	-0.0588
34	611	-579	0.7140	592	-589	0.7086	-0.0054	-0.0534
36	650	-614	0.7584	630	-630	0.7560	-0.0024	-0.0480
38	627	-594	0.7326	610	-608	0.7308	-0.0018	-0.0456
40	569	-534	0.6618	551	-549	0.6600	-0.0018	-0.0438
42	475	-450	0.5550	464	-463	0.5562	0.0012	-0.0420
44	502	-467	0.5814	483	-482	0.5790	-0.0024	-0.0432
46	496	-459	0.5730	473	-474	0.5682	-0.0048	-0.0408
48	510	-474	0.5904	490	-488	0.5868	-0.0036	-0.0360
50	563	-542	0.6630	546	-545	0.6546	-0.0084	-0.0324
52	647	-637	0.7704	636	-636	0.7632	-0.0072	-0.0240
54	747	-719	0.8796	730	-731	0.8766	-0.0030	-0.0168
56	661	-644	0.7830	648	-647	0.7770	-0.0060	-0.0138
58	639	-609	0.7488	618	-617	0.7410	-0.0078	-0.0078
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS16  
**DESCRIPTION**

**CURRENT SURVEY** 6/30/2009 7:06:21 AM

**INITIAL SURVEY** 5/19/2009 9:39:34 AM

**DATE PRINTED** 7/15/2009 7:46:55 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-20	47	-0.0402	-13	55	-0.0408	-0.0006	-0.0318
4	-35	70	-0.0630	-34	90	-0.0744	-0.0114	-0.0312
6	-10	43	-0.0318	-4	66	-0.0420	-0.0102	-0.0198
8	3	32	-0.0174	15	42	-0.0162	0.0012	-0.0096
10	14	24	-0.0060	29	29	0.0000	0.0060	-0.0108
12	-97	113	-0.1260	-87	129	-0.1296	-0.0036	-0.0168
14	-85	123	-0.1248	-74	134	-0.1248	0.0000	-0.0132
16	-4	40	-0.0264	5	49	-0.0264	0.0000	-0.0132
18	109	-74	0.1098	122	-61	0.1098	0.0000	-0.0132
20	189	-151	0.2040	200	-137	0.2022	-0.0018	-0.0132
22	173	-143	0.1896	181	-133	0.1884	-0.0012	-0.0114
24	191	-159	0.2100	203	-149	0.2112	0.0012	-0.0102
26	226	-193	0.2514	236	-180	0.2496	-0.0018	-0.0114
28	313	-281	0.3564	322	-277	0.3594	0.0030	-0.0096
30	455	-433	0.5328	466	-423	0.5334	0.0006	-0.0126
32	517	-494	0.6066	524	-482	0.6036	-0.0030	-0.0132
34	611	-579	0.7140	620	-569	0.7134	-0.0006	-0.0102
36	650	-614	0.7584	657	-602	0.7554	-0.0030	-0.0096
38	627	-594	0.7326	637	-581	0.7308	-0.0018	-0.0066
40	569	-534	0.6618	579	-521	0.6600	-0.0018	-0.0048
42	475	-450	0.5550	483	-443	0.5556	0.0006	-0.0030
44	502	-467	0.5814	513	-458	0.5826	0.0012	-0.0036
46	496	-459	0.5730	506	-447	0.5718	-0.0012	-0.0048
48	510	-474	0.5904	520	-465	0.5910	0.0006	-0.0036
50	563	-542	0.6630	578	-529	0.6642	0.0012	-0.0042
52	647	-637	0.7704	661	-621	0.7692	-0.0012	-0.0054
54	747	-719	0.8796	757	-709	0.8796	0.0000	-0.0042
56	661	-644	0.7830	675	-627	0.7812	-0.0018	-0.0042
58	639	-609	0.7488	649	-595	0.7464	-0.0024	-0.0024
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS16  
**DESCRIPTION**

**CURRENT SURVEY** 7/13/2009 11:28:15 AM

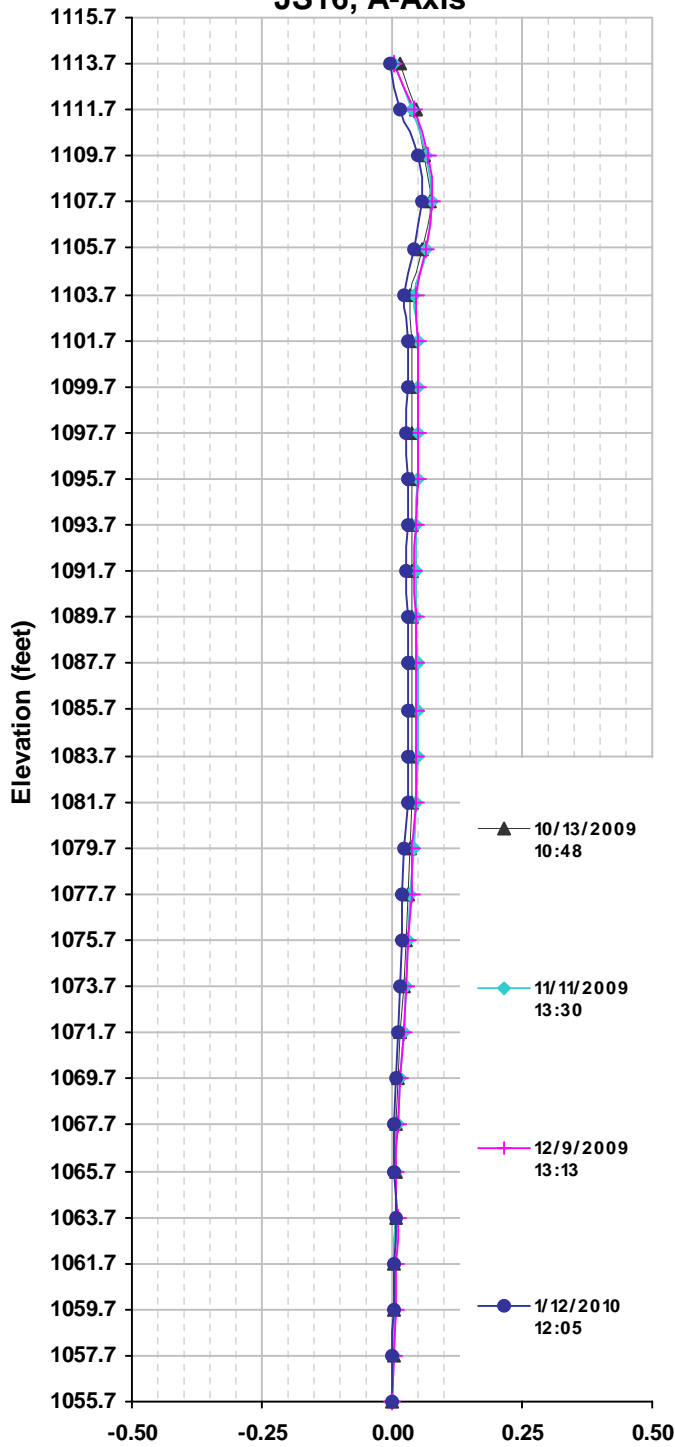
**INITIAL SURVEY** 5/19/2009 9:39:34 AM

**DATE PRINTED** 7/15/2009 7:46:55 AM

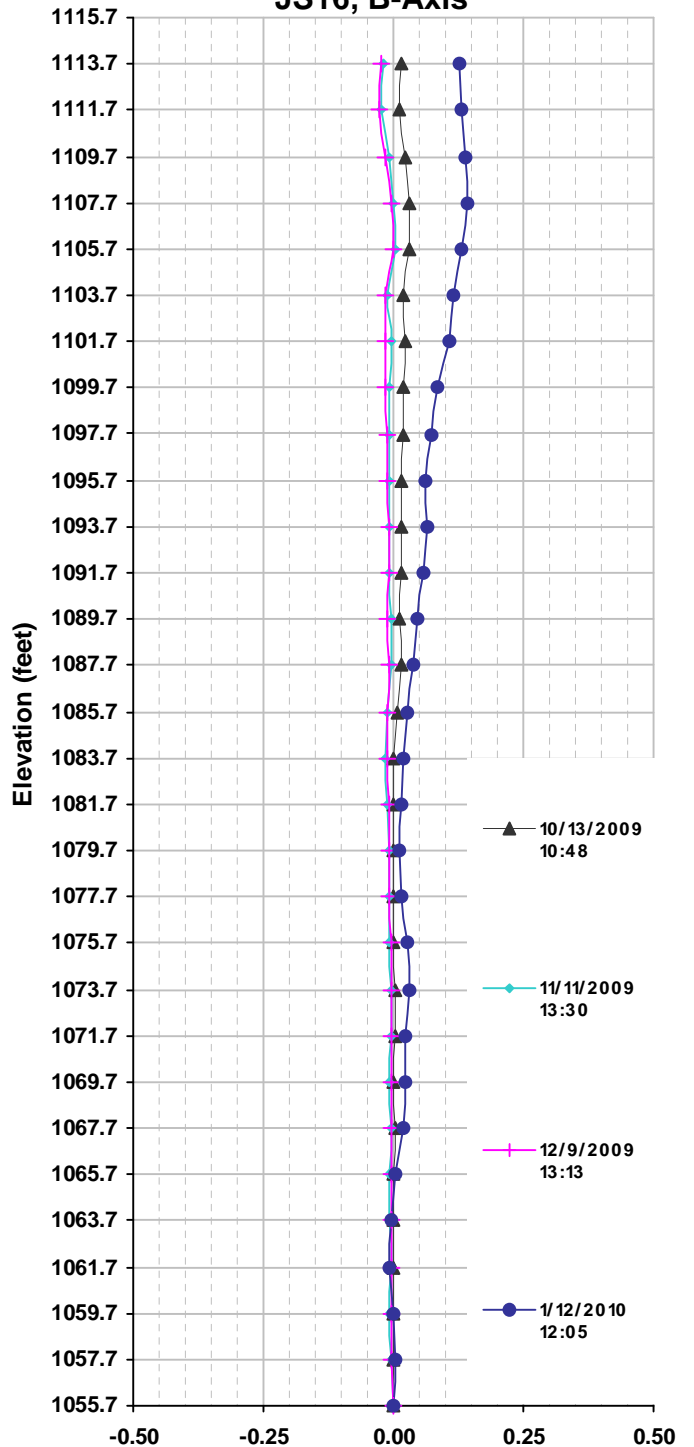
Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-20	47	-0.0402	-6	53	-0.0354	0.0048	-0.0078
4	-35	70	-0.0630	-33	94	-0.0762	-0.0132	-0.0126
6	-10	43	-0.0318	-2	68	-0.0420	-0.0102	0.0006
8	3	32	-0.0174	19	43	-0.0144	0.0030	0.0108
10	14	24	-0.0060	26	29	-0.0018	0.0042	0.0078
12	-97	113	-0.1260	-83	131	-0.1284	-0.0024	0.0036
14	-85	123	-0.1248	-72	134	-0.1236	0.0012	0.0060
16	-4	40	-0.0264	5	50	-0.0270	-0.0006	0.0048
18	109	-74	0.1098	125	-58	0.1098	0.0000	0.0054
20	189	-151	0.2040	203	-135	0.2028	-0.0012	0.0054
22	173	-143	0.1896	186	-131	0.1902	0.0006	0.0066
24	191	-159	0.2100	206	-147	0.2118	0.0018	0.0060
26	226	-193	0.2514	238	-177	0.2490	-0.0024	0.0042
28	313	-281	0.3564	324	-278	0.3612	0.0048	0.0066
30	455	-433	0.5328	470	-423	0.5358	0.0030	0.0018
32	517	-494	0.6066	528	-481	0.6054	-0.0012	-0.0012
34	611	-579	0.7140	623	-566	0.7134	-0.0006	0.0000
36	650	-614	0.7584	664	-601	0.7590	0.0006	0.0006
38	627	-594	0.7326	639	-580	0.7314	-0.0012	0.0000
40	569	-534	0.6618	581	-521	0.6612	-0.0006	0.0012
42	475	-450	0.5550	486	-441	0.5562	0.0012	0.0018
44	502	-467	0.5814	515	-457	0.5832	0.0018	0.0006
46	496	-459	0.5730	507	-447	0.5724	-0.0006	-0.0012
48	510	-474	0.5904	522	-464	0.5916	0.0012	-0.0006
50	563	-542	0.6630	579	-526	0.6630	0.0000	-0.0018
52	647	-637	0.7704	664	-620	0.7704	0.0000	-0.0018
54	747	-719	0.8796	761	-707	0.8808	0.0012	-0.0018
56	661	-644	0.7830	680	-621	0.7806	-0.0024	-0.0030
58	639	-609	0.7488	653	-594	0.7482	-0.0006	-0.0006
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000

JS16, A-Axis

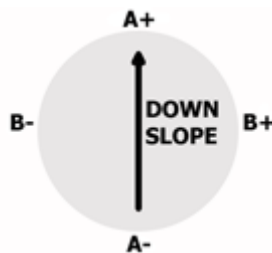


JS16, B-Axis



Cumulative Displacement (in) from 5/19/2009

Cumulative Displacement (in) from 5/19/2009



John Sevier Fossil Plant

Rogersville, TN

175569038

1/13/2010

**SITE** JSF  
**INSTALLATION** JS16  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 10:48:27 AM

**INITIAL SURVEY** 5/19/2009 9:39:34 AM

**DATE PRINTED** 1/13/2010 3:45:02 PM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	99	-74	0.1038	65	-61	0.0756	-0.0282	0.0162
4	229	-206	0.2610	205	-201	0.2436	-0.0174	0.0444
6	280	-255	0.3210	263	-256	0.3114	-0.0096	0.0618
8	219	-198	0.2502	223	-219	0.2652	0.0150	0.0714
10	202	-181	0.2298	213	-208	0.2526	0.0228	0.0564
12	179	-155	0.2004	167	-159	0.1956	-0.0048	0.0336
14	146	-123	0.1614	136	-130	0.1596	-0.0018	0.0384
16	87	-63	0.0900	79	-73	0.0912	0.0012	0.0402
18	25	-1	0.0156	15	-10	0.0150	-0.0006	0.0390
20	-59	83	-0.0852	-67	72	-0.0834	0.0018	0.0396
22	-123	149	-0.1632	-131	139	-0.1620	0.0012	0.0378
24	-93	115	-0.1248	-103	107	-0.1260	-0.0012	0.0366
26	-49	73	-0.0732	-58	64	-0.0732	0.0000	0.0378
28	-17	40	-0.0342	-25	34	-0.0354	-0.0012	0.0378
30	-43	66	-0.0654	-51	58	-0.0654	0.0000	0.0390
32	-81	105	-0.1116	-90	95	-0.1110	0.0006	0.0390
34	-83	106	-0.1134	-88	95	-0.1098	0.0036	0.0384
36	-106	129	-0.1410	-111	115	-0.1356	0.0054	0.0348
38	-135	158	-0.1758	-142	145	-0.1722	0.0036	0.0294
40	-165	189	-0.2124	-174	176	-0.2100	0.0024	0.0258
42	-237	263	-0.3000	-243	246	-0.2934	0.0066	0.0234
44	-298	318	-0.3696	-302	306	-0.3648	0.0048	0.0168
46	-334	358	-0.4152	-340	345	-0.4110	0.0042	0.0120
48	-337	361	-0.4188	-345	350	-0.4170	0.0018	0.0078
50	-359	382	-0.4446	-368	375	-0.4458	-0.0012	0.0060
52	-412	433	-0.5070	-417	423	-0.5040	0.0030	0.0072
54	-401	423	-0.4944	-411	414	-0.4950	-0.0006	0.0042
56	-338	362	-0.4200	-349	350	-0.4194	0.0006	0.0048
58	-344	367	-0.4266	-350	354	-0.4224	0.0042	0.0042
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS16  
**DESCRIPTION**

**CURRENT SURVEY** 11/11/2009 1:30:47 PM

**INITIAL SURVEY** 5/19/2009 9:39:34 AM

**DATE PRINTED** 1/13/2010 3:45:03 PM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	99	-74	0.1038	56	-58	0.0684	-0.0354	0.0048
4	229	-206	0.2610	196	-198	0.2364	-0.0246	0.0402
6	280	-255	0.3210	259	-258	0.3102	-0.0108	0.0648
8	219	-198	0.2502	218	-219	0.2622	0.0120	0.0756
10	202	-181	0.2298	208	-210	0.2508	0.0210	0.0636
12	179	-155	0.2004	162	-161	0.1938	-0.0066	0.0426
14	146	-123	0.1614	132	-133	0.1590	-0.0024	0.0492
16	87	-63	0.0900	77	-75	0.0912	0.0012	0.0516
18	25	-1	0.0156	13	-13	0.0156	0.0000	0.0504
20	-59	83	-0.0852	-69	69	-0.0828	0.0024	0.0504
22	-123	149	-0.1632	-134	135	-0.1614	0.0018	0.0480
24	-93	115	-0.1248	-106	105	-0.1266	-0.0018	0.0462
26	-49	73	-0.0732	-61	62	-0.0738	-0.0006	0.0480
28	-17	40	-0.0342	-27	30	-0.0342	0.0000	0.0486
30	-43	66	-0.0654	-54	55	-0.0654	0.0000	0.0486
32	-81	105	-0.1116	-93	91	-0.1104	0.0012	0.0486
34	-83	106	-0.1134	-90	91	-0.1086	0.0048	0.0474
36	-106	129	-0.1410	-113	111	-0.1344	0.0066	0.0426
38	-135	158	-0.1758	-143	141	-0.1704	0.0054	0.0360
40	-165	189	-0.2124	-177	173	-0.2100	0.0024	0.0306
42	-237	263	-0.3000	-246	243	-0.2934	0.0066	0.0282
44	-298	318	-0.3696	-302	302	-0.3624	0.0072	0.0216
46	-334	358	-0.4152	-343	342	-0.4110	0.0042	0.0144
48	-337	361	-0.4188	-347	346	-0.4158	0.0030	0.0102
50	-359	382	-0.4446	-371	372	-0.4458	-0.0012	0.0072
52	-412	433	-0.5070	-419	419	-0.5028	0.0042	0.0084
54	-401	423	-0.4944	-414	411	-0.4950	-0.0006	0.0042
56	-338	362	-0.4200	-351	347	-0.4188	0.0012	0.0048
58	-344	367	-0.4266	-351	354	-0.4230	0.0036	0.0036
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS16  
**DESCRIPTION**

**CURRENT SURVEY** 12/9/2009 1:13:43 PM  
**INITIAL SURVEY** 5/19/2009 9:39:34 AM  
**DATE PRINTED** 1/13/2010 3:45:03 PM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	99	-74	0.1038	62	-49	0.0666	-0.0372	0.0042
4	229	-206	0.2610	202	-189	0.2346	-0.0264	0.0414
6	280	-255	0.3210	269	-253	0.3132	-0.0078	0.0678
8	219	-198	0.2502	225	-211	0.2616	0.0114	0.0756
10	202	-181	0.2298	214	-202	0.2496	0.0198	0.0642
12	179	-155	0.2004	170	-154	0.1944	-0.0060	0.0444
14	146	-123	0.1614	141	-127	0.1608	-0.0006	0.0504
16	87	-63	0.0900	84	-68	0.0912	0.0012	0.0510
18	25	-1	0.0156	20	-6	0.0156	0.0000	0.0498
20	-59	83	-0.0852	-61	75	-0.0816	0.0036	0.0498
22	-123	149	-0.1632	-126	142	-0.1608	0.0024	0.0462
24	-93	115	-0.1248	-99	112	-0.1266	-0.0018	0.0438
26	-49	73	-0.0732	-54	69	-0.0738	-0.0006	0.0456
28	-17	40	-0.0342	-21	37	-0.0348	-0.0006	0.0462
30	-43	66	-0.0654	-46	62	-0.0648	0.0006	0.0468
32	-81	105	-0.1116	-85	99	-0.1104	0.0012	0.0462
34	-83	106	-0.1134	-83	98	-0.1086	0.0048	0.0450
36	-106	129	-0.1410	-110	119	-0.1374	0.0036	0.0402
38	-135	158	-0.1758	-136	148	-0.1704	0.0054	0.0366
40	-165	189	-0.2124	-169	181	-0.2100	0.0024	0.0312
42	-237	263	-0.3000	-238	250	-0.2928	0.0072	0.0288
44	-298	318	-0.3696	-297	310	-0.3642	0.0054	0.0216
46	-334	358	-0.4152	-336	349	-0.4110	0.0042	0.0162
48	-337	361	-0.4188	-339	354	-0.4158	0.0030	0.0120
50	-359	382	-0.4446	-363	380	-0.4458	-0.0012	0.0090
52	-412	433	-0.5070	-411	427	-0.5028	0.0042	0.0102
54	-401	423	-0.4944	-407	419	-0.4956	-0.0012	0.0060
56	-338	362	-0.4200	-343	354	-0.4182	0.0018	0.0072
58	-344	367	-0.4266	-344	358	-0.4212	0.0054	0.0054
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000



**SITE** JSF  
**INSTALLATION** JS16  
**DESCRIPTION**

**CURRENT SURVEY** 1/12/2010 12:05:34 PM

**INITIAL SURVEY** 5/19/2009 9:39:34 AM

**DATE PRINTED** 1/13/2010 3:45:03 PM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	99	-74	0.1038	70	-71	0.0846	-0.0192	-0.0036
4	229	-206	0.2610	191	-189	0.2280	-0.0330	0.0156
6	280	-255	0.3210	259	-258	0.3102	-0.0108	0.0486
8	219	-198	0.2502	222	-222	0.2664	0.0162	0.0594
10	202	-181	0.2298	209	-209	0.2508	0.0210	0.0432
12	179	-155	0.2004	160	-160	0.1920	-0.0084	0.0222
14	146	-123	0.1614	134	-132	0.1596	-0.0018	0.0306
16	87	-63	0.0900	78	-78	0.0936	0.0036	0.0324
18	25	-1	0.0156	11	-11	0.0132	-0.0024	0.0288
20	-59	83	-0.0852	-70	70	-0.0840	0.0012	0.0312
22	-123	149	-0.1632	-134	136	-0.1620	0.0012	0.0300
24	-93	115	-0.1248	-106	106	-0.1272	-0.0024	0.0288
26	-49	73	-0.0732	-62	62	-0.0744	-0.0012	0.0312
28	-17	40	-0.0342	-28	29	-0.0342	0.0000	0.0324
30	-43	66	-0.0654	-54	54	-0.0648	0.0006	0.0324
32	-81	105	-0.1116	-92	93	-0.1110	0.0006	0.0318
34	-83	106	-0.1134	-88	89	-0.1062	0.0072	0.0312
36	-106	129	-0.1410	-116	114	-0.1380	0.0030	0.0240
38	-135	158	-0.1758	-142	145	-0.1722	0.0036	0.0210
40	-165	189	-0.2124	-175	176	-0.2106	0.0018	0.0174
42	-237	263	-0.3000	-244	249	-0.2958	0.0042	0.0156
44	-298	318	-0.3696	-304	304	-0.3648	0.0048	0.0114
46	-334	358	-0.4152	-346	344	-0.4140	0.0012	0.0066
48	-337	361	-0.4188	-348	348	-0.4176	0.0012	0.0054
50	-359	382	-0.4446	-374	372	-0.4476	-0.0030	0.0042
52	-412	433	-0.5070	-421	419	-0.5040	0.0030	0.0072
54	-401	423	-0.4944	-411	410	-0.4926	0.0018	0.0042
56	-338	362	-0.4200	-348	350	-0.4188	0.0012	0.0024
58	-344	367	-0.4266	-355	354	-0.4254	0.0012	0.0012
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS16  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 10:48:27 AM

**INITIAL SURVEY** 5/19/2009 9:39:34 AM

**DATE PRINTED** 1/13/2010 3:45:14 PM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-20	47	-0.0402	-9	52	-0.0366	0.0036	0.0138
4	-35	70	-0.0630	-34	94	-0.0768	-0.0138	0.0102
6	-10	43	-0.0318	-1	66	-0.0402	-0.0084	0.0240
8	3	32	-0.0174	15	44	-0.0174	0.0000	0.0324
10	14	24	-0.0060	33	20	0.0078	0.0138	0.0324
12	-97	113	-0.1260	-83	133	-0.1296	-0.0036	0.0186
14	-85	123	-0.1248	-70	134	-0.1224	0.0024	0.0222
16	-4	40	-0.0264	8	50	-0.0252	0.0012	0.0198
18	109	-74	0.1098	126	-60	0.1116	0.0018	0.0186
20	189	-151	0.2040	203	-137	0.2040	0.0000	0.0168
22	173	-143	0.1896	186	-134	0.1920	0.0024	0.0168
24	191	-159	0.2100	205	-147	0.2112	0.0012	0.0144
26	226	-193	0.2514	239	-177	0.2496	-0.0018	0.0132
28	313	-281	0.3564	325	-283	0.3648	0.0084	0.0150
30	455	-433	0.5328	470	-427	0.5382	0.0054	0.0066
32	517	-494	0.6066	528	-482	0.6060	-0.0006	0.0012
34	611	-579	0.7140	623	-569	0.7152	0.0012	0.0018
36	650	-614	0.7584	664	-602	0.7596	0.0012	0.0006
38	627	-594	0.7326	638	-581	0.7314	-0.0012	-0.0006
40	569	-534	0.6618	575	-521	0.6576	-0.0042	0.0006
42	475	-450	0.5550	485	-441	0.5556	0.0006	0.0048
44	502	-467	0.5814	517	-458	0.5850	0.0036	0.0042
46	496	-459	0.5730	507	-445	0.5712	-0.0018	0.0006
48	510	-474	0.5904	521	-465	0.5916	0.0012	0.0024
50	563	-542	0.6630	581	-529	0.6660	0.0030	0.0012
52	647	-637	0.7704	663	-619	0.7692	-0.0012	-0.0018
54	747	-719	0.8796	759	-708	0.8802	0.0006	-0.0006
56	661	-644	0.7830	678	-622	0.7800	-0.0030	-0.0012
58	639	-609	0.7488	653	-598	0.7506	0.0018	0.0018
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS16  
**DESCRIPTION**

**CURRENT SURVEY** 11/11/2009 1:30:47 PM

**INITIAL SURVEY** 5/19/2009 9:39:34 AM

**DATE PRINTED** 1/13/2010 3:45:15 PM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-20	47	-0.0402	-5	55	-0.0360	0.0042	-0.0180
4	-35	70	-0.0630	-31	99	-0.0780	-0.0150	-0.0222
6	-10	43	-0.0318	2	69	-0.0402	-0.0084	-0.0072
8	3	32	-0.0174	17	49	-0.0192	-0.0018	0.0012
10	14	24	-0.0060	34	21	0.0078	0.0138	0.0030
12	-97	113	-0.1260	-83	136	-0.1314	-0.0054	-0.0108
14	-85	123	-0.1248	-68	137	-0.1230	0.0018	-0.0054
16	-4	40	-0.0264	10	54	-0.0264	0.0000	-0.0072
18	109	-74	0.1098	129	-57	0.1116	0.0018	-0.0072
20	189	-151	0.2040	203	-133	0.2016	-0.0024	-0.0090
22	173	-143	0.1896	188	-127	0.1890	-0.0006	-0.0066
24	191	-159	0.2100	206	-143	0.2094	-0.0006	-0.0060
26	226	-193	0.2514	241	-174	0.2490	-0.0024	-0.0054
28	313	-281	0.3564	327	-279	0.3636	0.0072	-0.0030
30	455	-433	0.5328	472	-422	0.5364	0.0036	-0.0102
32	517	-494	0.6066	531	-477	0.6048	-0.0018	-0.0138
34	611	-579	0.7140	623	-563	0.7116	-0.0024	-0.0120
36	650	-614	0.7584	665	-598	0.7578	-0.0006	-0.0096
38	627	-594	0.7326	642	-577	0.7314	-0.0012	-0.0090
40	569	-534	0.6618	579	-518	0.6582	-0.0036	-0.0078
42	475	-450	0.5550	488	-438	0.5556	0.0006	-0.0042
44	502	-467	0.5814	519	-456	0.5850	0.0036	-0.0048
46	496	-459	0.5730	509	-441	0.5700	-0.0030	-0.0084
48	510	-474	0.5904	525	-460	0.5910	0.0006	-0.0054
50	563	-542	0.6630	583	-524	0.6642	0.0012	-0.0060
52	647	-637	0.7704	666	-615	0.7686	-0.0018	-0.0072
54	747	-719	0.8796	763	-704	0.8802	0.0006	-0.0054
56	661	-644	0.7830	683	-619	0.7812	-0.0018	-0.0060
58	639	-609	0.7488	655	-586	0.7446	-0.0042	-0.0042
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS16  
**DESCRIPTION**

**CURRENT SURVEY** 12/9/2009 1:13:43 PM

**INITIAL SURVEY** 5/19/2009 9:39:34 AM

**DATE PRINTED** 1/13/2010 3:45:15 PM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-20	47	-0.0402	-1	57	-0.0348	0.0054	-0.0234
4	-35	70	-0.0630	-32	98	-0.0780	-0.0150	-0.0288
6	-10	43	-0.0318	1	70	-0.0414	-0.0096	-0.0138
8	3	32	-0.0174	14	49	-0.0210	-0.0036	-0.0042
10	14	24	-0.0060	38	21	0.0102	0.0162	-0.0006
12	-97	113	-0.1260	-80	135	-0.1290	-0.0030	-0.0168
14	-85	123	-0.1248	-69	138	-0.1242	0.0006	-0.0138
16	-4	40	-0.0264	10	57	-0.0282	-0.0018	-0.0144
18	109	-74	0.1098	127	-57	0.1104	0.0006	-0.0126
20	189	-151	0.2040	201	-133	0.2004	-0.0036	-0.0132
22	173	-143	0.1896	190	-126	0.1896	0.0000	-0.0096
24	191	-159	0.2100	208	-144	0.2112	0.0012	-0.0096
26	226	-193	0.2514	240	-172	0.2472	-0.0042	-0.0108
28	313	-281	0.3564	326	-274	0.3600	0.0036	-0.0066
30	455	-433	0.5328	471	-421	0.5352	0.0024	-0.0102
32	517	-494	0.6066	530	-475	0.6030	-0.0036	-0.0126
34	611	-579	0.7140	623	-563	0.7116	-0.0024	-0.0090
36	650	-614	0.7584	665	-599	0.7584	0.0000	-0.0066
38	627	-594	0.7326	641	-578	0.7314	-0.0012	-0.0066
40	569	-534	0.6618	582	-519	0.6606	-0.0012	-0.0054
42	475	-450	0.5550	485	-437	0.5532	-0.0018	-0.0042
44	502	-467	0.5814	520	-454	0.5844	0.0030	-0.0024
46	496	-459	0.5730	510	-440	0.5700	-0.0030	-0.0054
48	510	-474	0.5904	526	-459	0.5910	0.0006	-0.0024
50	563	-542	0.6630	583	-526	0.6654	0.0024	-0.0030
52	647	-637	0.7704	666	-614	0.7680	-0.0024	-0.0054
54	747	-719	0.8796	763	-706	0.8814	0.0018	-0.0030
56	661	-644	0.7830	681	-620	0.7806	-0.0024	-0.0048
58	639	-609	0.7488	653	-591	0.7464	-0.0024	-0.0024
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS16  
**DESCRIPTION**

**CURRENT SURVEY** 1/12/2010 12:05:34 PM

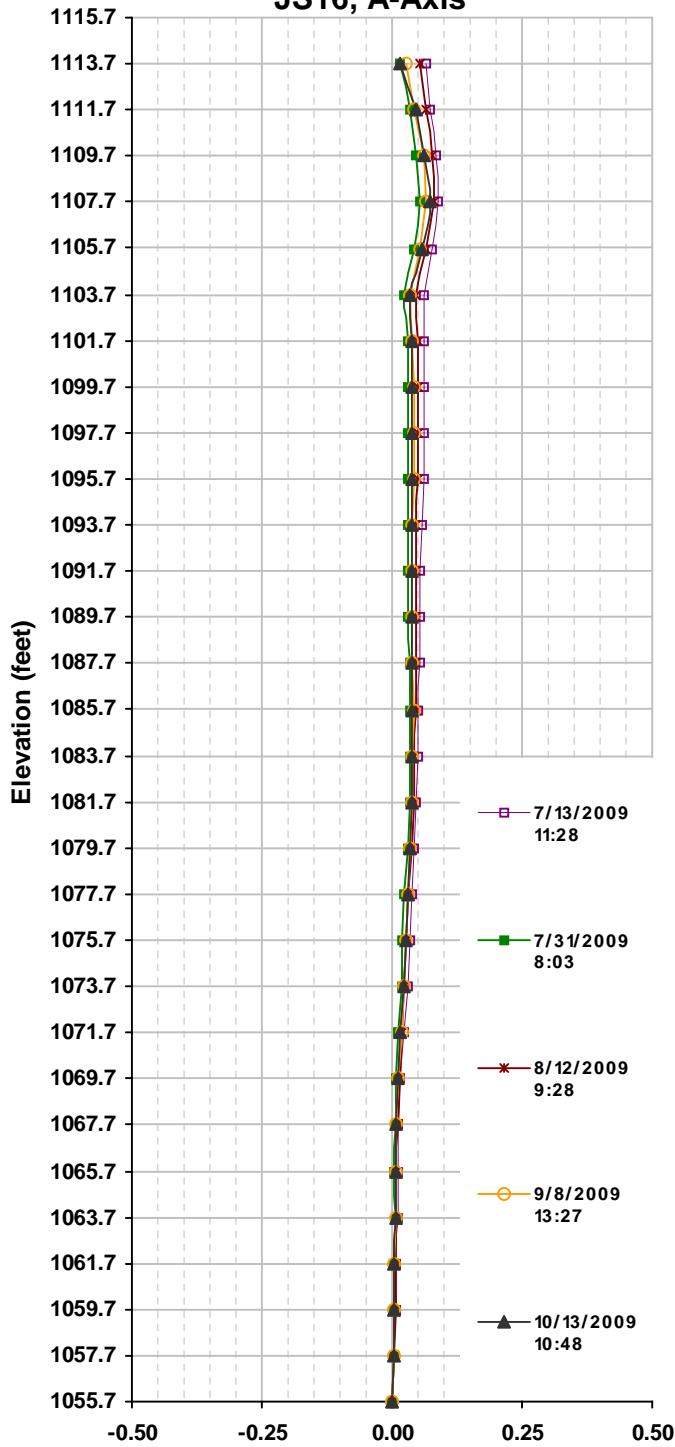
**INITIAL SURVEY** 5/19/2009 9:39:34 AM

**DATE PRINTED** 1/13/2010 3:45:15 PM

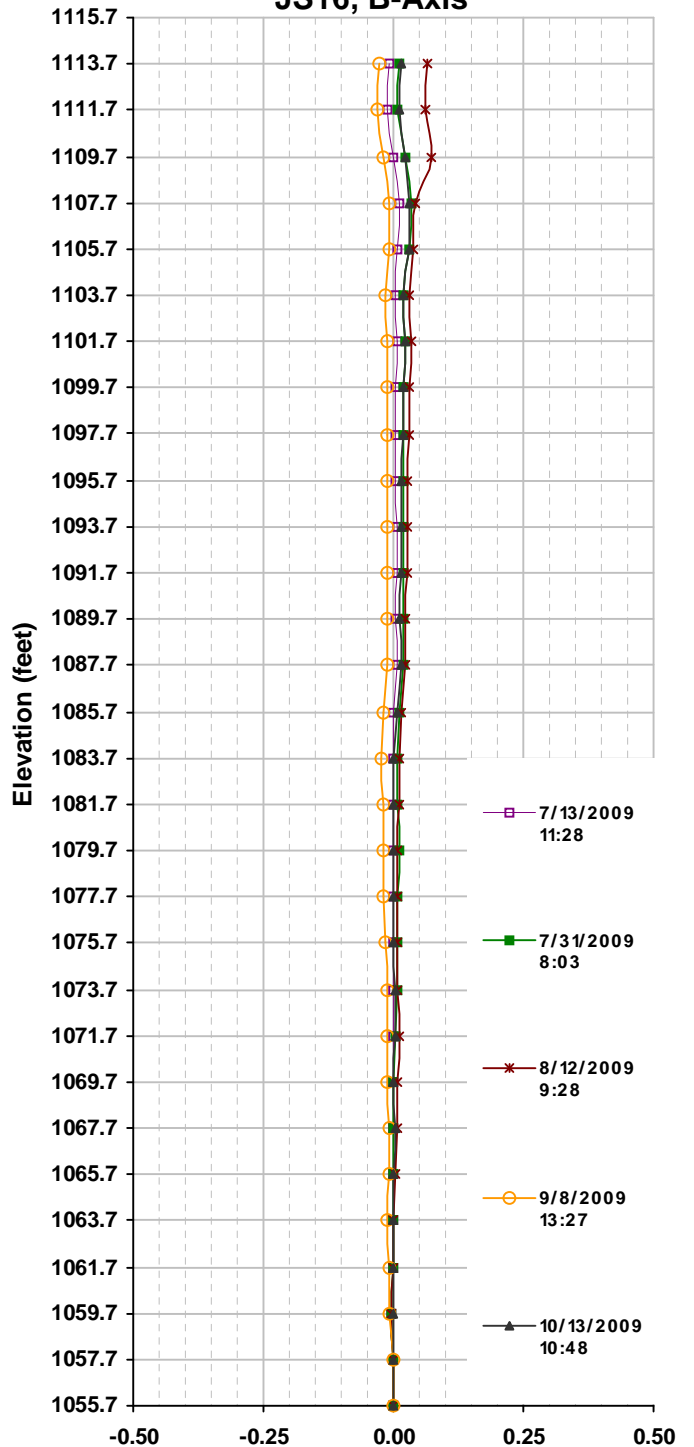
Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-20	47	-0.0402	-44	29	-0.0438	-0.0036	0.1272
4	-35	70	-0.0630	-71	46	-0.0702	-0.0072	0.1308
6	-10	43	-0.0318	-44	13	-0.0342	-0.0024	0.1380
8	3	32	-0.0174	-19	-8	-0.0066	0.0108	0.1404
10	14	24	-0.0060	-9	-24	0.0090	0.0150	0.1296
12	-97	113	-0.1260	-112	88	-0.1200	0.0060	0.1146
14	-85	123	-0.1248	-94	73	-0.1002	0.0246	0.1086
16	-4	40	-0.0264	-20	4	-0.0144	0.0120	0.0840
18	109	-74	0.1098	90	-108	0.1188	0.0090	0.0720
20	189	-151	0.2040	152	-184	0.2016	-0.0024	0.0630
22	173	-143	0.1896	151	-181	0.1992	0.0096	0.0654
24	191	-159	0.2100	170	-194	0.2184	0.0084	0.0558
26	226	-193	0.2514	202	-229	0.2586	0.0072	0.0474
28	313	-281	0.3564	303	-312	0.3690	0.0126	0.0402
30	455	-433	0.5328	444	-459	0.5418	0.0090	0.0276
32	517	-494	0.6066	497	-521	0.6108	0.0042	0.0186
34	611	-579	0.7140	585	-607	0.7152	0.0012	0.0144
36	650	-614	0.7584	613	-645	0.7548	-0.0036	0.0132
38	627	-594	0.7326	591	-615	0.7236	-0.0090	0.0168
40	569	-534	0.6618	533	-560	0.6558	-0.0060	0.0258
42	475	-450	0.5550	454	-483	0.5622	0.0072	0.0318
44	502	-467	0.5814	466	-503	0.5814	0.0000	0.0246
46	496	-459	0.5730	467	-498	0.5790	0.0060	0.0246
48	510	-474	0.5904	490	-516	0.6036	0.0132	0.0186
50	563	-542	0.6630	547	-572	0.6714	0.0084	0.0054
52	647	-637	0.7704	641	-654	0.7770	0.0066	-0.0030
54	747	-719	0.8796	712	-737	0.8694	-0.0102	-0.0096
56	661	-644	0.7830	632	-666	0.7788	-0.0042	0.0006
58	639	-609	0.7488	612	-644	0.7536	0.0048	0.0048
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000

JS16, A-Axis

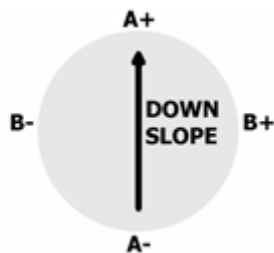


JS16, B-Axis



Cumulative Displacement (in) from 5/19/2009

Cumulative Displacement (in) from 5/19/2009



John Sevier Fossil Plant

Rogersville, TN

175569038

10/15/2009

**SITE** JSF  
**INSTALLATION** JS16  
**DESCRIPTION**

**CURRENT SURVEY** 7/13/2009 11:28:15 AM

**INITIAL SURVEY** 5/19/2009 9:39:34 AM

**DATE PRINTED** 10/15/2009 10:19:32 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	99	-74	0.1038	80	-76	0.0936	-0.0102	0.0636
4	229	-206	0.2610	211	-206	0.2502	-0.0108	0.0738
6	280	-255	0.3210	269	-262	0.3186	-0.0024	0.0846
8	219	-198	0.2502	219	-216	0.2610	0.0108	0.0870
10	202	-181	0.2298	207	-203	0.2460	0.0162	0.0762
12	179	-155	0.2004	168	-162	0.1980	-0.0024	0.0600
14	146	-123	0.1614	137	-131	0.1608	-0.0006	0.0624
16	87	-63	0.0900	78	-74	0.0912	0.0012	0.0630
18	25	-1	0.0156	17	-12	0.0174	0.0018	0.0618
20	-59	83	-0.0852	-66	70	-0.0816	0.0036	0.0600
22	-123	149	-0.1632	-130	137	-0.1602	0.0030	0.0564
24	-93	115	-0.1248	-103	106	-0.1254	-0.0006	0.0534
26	-49	73	-0.0732	-58	62	-0.0720	0.0012	0.0540
28	-17	40	-0.0342	-25	30	-0.0330	0.0012	0.0528
30	-43	66	-0.0654	-50	56	-0.0636	0.0018	0.0516
32	-81	105	-0.1116	-89	93	-0.1092	0.0024	0.0498
34	-83	106	-0.1134	-89	94	-0.1098	0.0036	0.0474
36	-106	129	-0.1410	-111	114	-0.1350	0.0060	0.0438
38	-135	158	-0.1758	-141	145	-0.1716	0.0042	0.0378
40	-165	189	-0.2124	-172	175	-0.2082	0.0042	0.0336
42	-237	263	-0.3000	-242	246	-0.2928	0.0072	0.0294
44	-298	318	-0.3696	-301	306	-0.3642	0.0054	0.0222
46	-334	358	-0.4152	-341	343	-0.4104	0.0048	0.0168
48	-337	361	-0.4188	-345	350	-0.4170	0.0018	0.0120
50	-359	382	-0.4446	-367	374	-0.4446	0.0000	0.0102
52	-412	433	-0.5070	-416	422	-0.5028	0.0042	0.0102
54	-401	423	-0.4944	-411	413	-0.4944	0.0000	0.0060
56	-338	362	-0.4200	-348	349	-0.4182	0.0018	0.0060
58	-344	367	-0.4266	-349	355	-0.4224	0.0042	0.0042
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS16  
**DESCRIPTION**

**CURRENT SURVEY** 7/31/2009 8:03:33 AM

**INITIAL SURVEY** 5/19/2009 9:39:34 AM

**DATE PRINTED** 10/15/2009 10:19:32 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	99	-74	0.1038	75	-70	0.0870	-0.0168	0.0162
4	229	-206	0.2610	207	-204	0.2466	-0.0144	0.0330
6	280	-255	0.3210	267	-260	0.3162	-0.0048	0.0474
8	219	-198	0.2502	219	-215	0.2604	0.0102	0.0522
10	202	-181	0.2298	209	-204	0.2478	0.0180	0.0420
12	179	-155	0.2004	166	-159	0.1950	-0.0054	0.0240
14	146	-123	0.1614	135	-130	0.1590	-0.0024	0.0294
16	87	-63	0.0900	78	-72	0.0900	0.0000	0.0318
18	25	-1	0.0156	15	-11	0.0156	0.0000	0.0318
20	-59	83	-0.0852	-69	72	-0.0846	0.0006	0.0318
22	-123	149	-0.1632	-132	139	-0.1626	0.0006	0.0312
24	-93	115	-0.1248	-104	107	-0.1266	-0.0018	0.0306
26	-49	73	-0.0732	-60	63	-0.0738	-0.0006	0.0324
28	-17	40	-0.0342	-26	33	-0.0354	-0.0012	0.0330
30	-43	66	-0.0654	-52	56	-0.0648	0.0006	0.0342
32	-81	105	-0.1116	-90	95	-0.1110	0.0006	0.0336
34	-83	106	-0.1134	-89	95	-0.1104	0.0030	0.0330
36	-106	129	-0.1410	-111	114	-0.1350	0.0060	0.0300
38	-135	158	-0.1758	-142	146	-0.1728	0.0030	0.0240
40	-165	189	-0.2124	-173	177	-0.2100	0.0024	0.0210
42	-237	263	-0.3000	-243	248	-0.2946	0.0054	0.0186
44	-298	318	-0.3696	-302	307	-0.3654	0.0042	0.0132
46	-334	358	-0.4152	-342	346	-0.4128	0.0024	0.0090
48	-337	361	-0.4188	-345	350	-0.4170	0.0018	0.0066
50	-359	382	-0.4446	-368	375	-0.4458	-0.0012	0.0048
52	-412	433	-0.5070	-417	423	-0.5040	0.0030	0.0060
54	-401	423	-0.4944	-411	415	-0.4956	-0.0012	0.0030
56	-338	362	-0.4200	-348	351	-0.4194	0.0006	0.0042
58	-344	367	-0.4266	-350	355	-0.4230	0.0036	0.0036
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000



**SITE** JSF  
**INSTALLATION** JS16  
**DESCRIPTION**

**CURRENT SURVEY** 8/12/2009 9:28:56 AM

**INITIAL SURVEY** 5/19/2009 9:39:34 AM

**DATE PRINTED** 10/15/2009 10:19:32 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	99	-74	0.1038	79	-71	0.0900	-0.0138	0.0522
4	229	-206	0.2610	211	-204	0.2490	-0.0120	0.0660
6	280	-255	0.3210	269	-261	0.3180	-0.0030	0.0780
8	219	-198	0.2502	224	-216	0.2640	0.0138	0.0810
10	202	-181	0.2298	212	-205	0.2502	0.0204	0.0672
12	179	-155	0.2004	169	-159	0.1968	-0.0036	0.0468
14	146	-123	0.1614	138	-130	0.1608	-0.0006	0.0504
16	87	-63	0.0900	80	-71	0.0906	0.0006	0.0510
18	25	-1	0.0156	16	-11	0.0162	0.0006	0.0504
20	-59	83	-0.0852	-66	73	-0.0834	0.0018	0.0498
22	-123	149	-0.1632	-130	139	-0.1614	0.0018	0.0480
24	-93	115	-0.1248	-101	107	-0.1248	0.0000	0.0462
26	-49	73	-0.0732	-56	65	-0.0726	0.0006	0.0462
28	-17	40	-0.0342	-23	33	-0.0336	0.0006	0.0456
30	-43	66	-0.0654	-49	58	-0.0642	0.0012	0.0450
32	-81	105	-0.1116	-89	96	-0.1110	0.0006	0.0438
34	-83	106	-0.1134	-87	95	-0.1092	0.0042	0.0432
36	-106	129	-0.1410	-109	115	-0.1344	0.0066	0.0390
38	-135	158	-0.1758	-139	146	-0.1710	0.0048	0.0324
40	-165	189	-0.2124	-172	177	-0.2094	0.0030	0.0276
42	-237	263	-0.3000	-243	249	-0.2952	0.0048	0.0246
44	-298	318	-0.3696	-301	307	-0.3648	0.0048	0.0198
46	-334	358	-0.4152	-339	346	-0.4110	0.0042	0.0150
48	-337	361	-0.4188	-343	351	-0.4164	0.0024	0.0108
50	-359	382	-0.4446	-366	377	-0.4458	-0.0012	0.0084
52	-412	433	-0.5070	-416	425	-0.5046	0.0024	0.0096
54	-401	423	-0.4944	-409	413	-0.4932	0.0012	0.0072
56	-338	362	-0.4200	-346	351	-0.4182	0.0018	0.0060
58	-344	367	-0.4266	-349	355	-0.4224	0.0042	0.0042
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS16  
**DESCRIPTION**

**CURRENT SURVEY** 9/8/2009 1:27:40 PM

**INITIAL SURVEY** 5/19/2009 9:39:34 AM

**DATE PRINTED** 10/15/2009 10:19:32 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	99	-74	0.1038	74	-73	0.0882	-0.0156	0.0264
4	229	-206	0.2610	202	-202	0.2424	-0.0186	0.0420
6	280	-255	0.3210	265	-261	0.3156	-0.0054	0.0606
8	219	-198	0.2502	219	-217	0.2616	0.0114	0.0660
10	202	-181	0.2298	209	-208	0.2502	0.0204	0.0546
12	179	-155	0.2004	165	-161	0.1956	-0.0048	0.0342
14	146	-123	0.1614	134	-131	0.1590	-0.0024	0.0390
16	87	-63	0.0900	77	-73	0.0900	0.0000	0.0414
18	25	-1	0.0156	13	-12	0.0150	-0.0006	0.0414
20	-59	83	-0.0852	-69	70	-0.0834	0.0018	0.0420
22	-123	149	-0.1632	-133	137	-0.1620	0.0012	0.0402
24	-93	115	-0.1248	-105	105	-0.1260	-0.0012	0.0390
26	-49	73	-0.0732	-60	62	-0.0732	0.0000	0.0402
28	-17	40	-0.0342	-27	31	-0.0348	-0.0006	0.0402
30	-43	66	-0.0654	-53	55	-0.0648	0.0006	0.0408
32	-81	105	-0.1116	-91	93	-0.1104	0.0012	0.0402
34	-83	106	-0.1134	-90	93	-0.1098	0.0036	0.0390
36	-106	129	-0.1410	-113	113	-0.1356	0.0054	0.0354
38	-135	158	-0.1758	-143	143	-0.1716	0.0042	0.0300
40	-165	189	-0.2124	-175	174	-0.2094	0.0030	0.0258
42	-237	263	-0.3000	-245	246	-0.2946	0.0054	0.0228
44	-298	318	-0.3696	-303	305	-0.3648	0.0048	0.0174
46	-334	358	-0.4152	-342	344	-0.4116	0.0036	0.0126
48	-337	361	-0.4188	-347	348	-0.4170	0.0018	0.0090
50	-359	382	-0.4446	-369	374	-0.4458	-0.0012	0.0072
52	-412	433	-0.5070	-418	422	-0.5040	0.0030	0.0084
54	-401	423	-0.4944	-412	412	-0.4944	0.0000	0.0054
56	-338	362	-0.4200	-350	349	-0.4194	0.0006	0.0054
58	-344	367	-0.4266	-351	352	-0.4218	0.0048	0.0048
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS16  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 10:48:27 AM

**INITIAL SURVEY** 5/19/2009 9:39:34 AM

**DATE PRINTED** 10/15/2009 10:19:32 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	99	-74	0.1038	65	-61	0.0756	-0.0282	0.0162
4	229	-206	0.2610	205	-201	0.2436	-0.0174	0.0444
6	280	-255	0.3210	263	-256	0.3114	-0.0096	0.0618
8	219	-198	0.2502	223	-219	0.2652	0.0150	0.0714
10	202	-181	0.2298	213	-208	0.2526	0.0228	0.0564
12	179	-155	0.2004	167	-159	0.1956	-0.0048	0.0336
14	146	-123	0.1614	136	-130	0.1596	-0.0018	0.0384
16	87	-63	0.0900	79	-73	0.0912	0.0012	0.0402
18	25	-1	0.0156	15	-10	0.0150	-0.0006	0.0390
20	-59	83	-0.0852	-67	72	-0.0834	0.0018	0.0396
22	-123	149	-0.1632	-131	139	-0.1620	0.0012	0.0378
24	-93	115	-0.1248	-103	107	-0.1260	-0.0012	0.0366
26	-49	73	-0.0732	-58	64	-0.0732	0.0000	0.0378
28	-17	40	-0.0342	-25	34	-0.0354	-0.0012	0.0378
30	-43	66	-0.0654	-51	58	-0.0654	0.0000	0.0390
32	-81	105	-0.1116	-90	95	-0.1110	0.0006	0.0390
34	-83	106	-0.1134	-88	95	-0.1098	0.0036	0.0384
36	-106	129	-0.1410	-111	115	-0.1356	0.0054	0.0348
38	-135	158	-0.1758	-142	145	-0.1722	0.0036	0.0294
40	-165	189	-0.2124	-174	176	-0.2100	0.0024	0.0258
42	-237	263	-0.3000	-243	246	-0.2934	0.0066	0.0234
44	-298	318	-0.3696	-302	306	-0.3648	0.0048	0.0168
46	-334	358	-0.4152	-340	345	-0.4110	0.0042	0.0120
48	-337	361	-0.4188	-345	350	-0.4170	0.0018	0.0078
50	-359	382	-0.4446	-368	375	-0.4458	-0.0012	0.0060
52	-412	433	-0.5070	-417	423	-0.5040	0.0030	0.0072
54	-401	423	-0.4944	-411	414	-0.4950	-0.0006	0.0042
56	-338	362	-0.4200	-349	350	-0.4194	0.0006	0.0048
58	-344	367	-0.4266	-350	354	-0.4224	0.0042	0.0042
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS16  
**DESCRIPTION**

**CURRENT SURVEY** 7/13/2009 11:28:15 AM

**INITIAL SURVEY** 5/19/2009 9:39:34 AM

**DATE PRINTED** 10/15/2009 10:19:43 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-20	47	-0.0402	-6	53	-0.0354	0.0048	-0.0078
4	-35	70	-0.0630	-33	94	-0.0762	-0.0132	-0.0126
6	-10	43	-0.0318	-2	68	-0.0420	-0.0102	0.0006
8	3	32	-0.0174	19	43	-0.0144	0.0030	0.0108
10	14	24	-0.0060	26	29	-0.0018	0.0042	0.0078
12	-97	113	-0.1260	-83	131	-0.1284	-0.0024	0.0036
14	-85	123	-0.1248	-72	134	-0.1236	0.0012	0.0060
16	-4	40	-0.0264	5	50	-0.0270	-0.0006	0.0048
18	109	-74	0.1098	125	-58	0.1098	0.0000	0.0054
20	189	-151	0.2040	203	-135	0.2028	-0.0012	0.0054
22	173	-143	0.1896	186	-131	0.1902	0.0006	0.0066
24	191	-159	0.2100	206	-147	0.2118	0.0018	0.0060
26	226	-193	0.2514	238	-177	0.2490	-0.0024	0.0042
28	313	-281	0.3564	324	-278	0.3612	0.0048	0.0066
30	455	-433	0.5328	470	-423	0.5358	0.0030	0.0018
32	517	-494	0.6066	528	-481	0.6054	-0.0012	-0.0012
34	611	-579	0.7140	623	-566	0.7134	-0.0006	0.0000
36	650	-614	0.7584	664	-601	0.7590	0.0006	0.0006
38	627	-594	0.7326	639	-580	0.7314	-0.0012	0.0000
40	569	-534	0.6618	581	-521	0.6612	-0.0006	0.0012
42	475	-450	0.5550	486	-441	0.5562	0.0012	0.0018
44	502	-467	0.5814	515	-457	0.5832	0.0018	0.0006
46	496	-459	0.5730	507	-447	0.5724	-0.0006	-0.0012
48	510	-474	0.5904	522	-464	0.5916	0.0012	-0.0006
50	563	-542	0.6630	579	-526	0.6630	0.0000	-0.0018
52	647	-637	0.7704	664	-620	0.7704	0.0000	-0.0018
54	747	-719	0.8796	761	-707	0.8808	0.0012	-0.0018
56	661	-644	0.7830	680	-621	0.7806	-0.0024	-0.0030
58	639	-609	0.7488	653	-594	0.7482	-0.0006	-0.0006
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS16  
**DESCRIPTION**

**CURRENT SURVEY** 7/31/2009 8:03:33 AM

**INITIAL SURVEY** 5/19/2009 9:39:34 AM

**DATE PRINTED** 10/15/2009 10:19:43 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-20	47	-0.0402	-4	52	-0.0336	0.0066	0.0132
4	-35	70	-0.0630	-34	97	-0.0786	-0.0156	0.0066
6	-10	43	-0.0318	-3	68	-0.0426	-0.0108	0.0222
8	3	32	-0.0174	19	42	-0.0138	0.0036	0.0330
10	14	24	-0.0060	32	26	0.0036	0.0096	0.0294
12	-97	113	-0.1260	-82	131	-0.1278	-0.0018	0.0198
14	-85	123	-0.1248	-70	135	-0.1230	0.0018	0.0216
16	-4	40	-0.0264	10	53	-0.0258	0.0006	0.0198
18	109	-74	0.1098	125	-59	0.1104	0.0006	0.0192
20	189	-151	0.2040	201	-136	0.2022	-0.0018	0.0186
22	173	-143	0.1896	187	-131	0.1908	0.0012	0.0204
24	191	-159	0.2100	206	-147	0.2118	0.0018	0.0192
26	226	-193	0.2514	240	-177	0.2502	-0.0012	0.0174
28	313	-281	0.3564	325	-282	0.3642	0.0078	0.0186
30	455	-433	0.5328	470	-421	0.5346	0.0018	0.0108
32	517	-494	0.6066	529	-481	0.6060	-0.0006	0.0090
34	611	-579	0.7140	622	-566	0.7128	-0.0012	0.0096
36	650	-614	0.7584	665	-602	0.7602	0.0018	0.0108
38	627	-594	0.7326	641	-580	0.7326	0.0000	0.0090
40	569	-534	0.6618	584	-521	0.6630	0.0012	0.0090
42	475	-450	0.5550	488	-443	0.5586	0.0036	0.0078
44	502	-467	0.5814	518	-456	0.5844	0.0030	0.0042
46	496	-459	0.5730	509	-445	0.5724	-0.0006	0.0012
48	510	-474	0.5904	525	-463	0.5928	0.0024	0.0018
50	563	-542	0.6630	581	-526	0.6642	0.0012	-0.0006
52	647	-637	0.7704	665	-619	0.7704	0.0000	-0.0018
54	747	-719	0.8796	762	-706	0.8808	0.0012	-0.0018
56	661	-644	0.7830	681	-621	0.7812	-0.0018	-0.0030
58	639	-609	0.7488	653	-593	0.7476	-0.0012	-0.0012
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS16  
**DESCRIPTION**

**CURRENT SURVEY** 8/12/2009 9:28:56 AM

**INITIAL SURVEY** 5/19/2009 9:39:34 AM

**DATE PRINTED** 10/15/2009 10:19:43 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-20	47	-0.0402	-6	53	-0.0354	0.0048	0.0672
4	-35	70	-0.0630	-29	97	-0.0756	-0.0126	0.0624
6	-10	43	-0.0318	0	70	0.0000	0.0318	0.0750
8	3	32	-0.0174	20	44	-0.0144	0.0030	0.0432
10	14	24	-0.0060	31	28	0.0018	0.0078	0.0402
12	-97	113	-0.1260	-79	134	-0.1278	-0.0018	0.0324
14	-85	123	-0.1248	-67	137	-0.1224	0.0024	0.0342
16	-4	40	-0.0264	12	52	-0.0240	0.0024	0.0318
18	109	-74	0.1098	129	-58	0.1122	0.0024	0.0294
20	189	-151	0.2040	205	-135	0.2040	0.0000	0.0270
22	173	-143	0.1896	188	-129	0.1902	0.0006	0.0270
24	191	-159	0.2100	209	-146	0.2130	0.0030	0.0264
26	226	-193	0.2514	242	-176	0.2508	-0.0006	0.0234
28	313	-281	0.3564	328	-281	0.3654	0.0090	0.0240
30	455	-433	0.5328	472	-423	0.5370	0.0042	0.0150
32	517	-494	0.6066	532	-478	0.6060	-0.0006	0.0108
34	611	-579	0.7140	627	-566	0.7158	0.0018	0.0114
36	650	-614	0.7584	667	-600	0.7602	0.0018	0.0096
38	627	-594	0.7326	642	-578	0.7320	-0.0006	0.0078
40	569	-534	0.6618	582	-519	0.6606	-0.0012	0.0084
42	475	-450	0.5550	487	-437	0.5544	-0.0006	0.0096
44	502	-467	0.5814	519	-455	0.5844	0.0030	0.0102
46	496	-459	0.5730	511	-444	0.5730	0.0000	0.0072
48	510	-474	0.5904	526	-463	0.5934	0.0030	0.0072
50	563	-542	0.6630	585	-527	0.6672	0.0042	0.0042
52	647	-637	0.7704	667	-619	0.7716	0.0012	0.0000
54	747	-719	0.8796	763	-706	0.8814	0.0018	-0.0012
56	661	-644	0.7830	681	-618	0.7794	-0.0036	-0.0030
58	639	-609	0.7488	656	-593	0.7494	0.0006	0.0006
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS16  
**DESCRIPTION**

**CURRENT SURVEY** 9/8/2009 1:27:40 PM

**INITIAL SURVEY** 5/19/2009 9:39:34 AM

**DATE PRINTED** 10/15/2009 10:19:43 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-20	47	-0.0402	-7	52	-0.0354	0.0048	-0.0276
4	-35	70	-0.0630	-31	95	-0.0756	-0.0126	-0.0324
6	-10	43	-0.0318	-2	71	-0.0438	-0.0120	-0.0198
8	3	32	-0.0174	19	46	-0.0162	0.0012	-0.0078
10	14	24	-0.0060	29	28	0.0006	0.0066	-0.0090
12	-97	113	-0.1260	-83	134	-0.1302	-0.0042	-0.0156
14	-85	123	-0.1248	-69	138	-0.1242	0.0006	-0.0114
16	-4	40	-0.0264	10	53	-0.0258	0.0006	-0.0120
18	109	-74	0.1098	128	-56	0.1104	0.0006	-0.0126
20	189	-151	0.2040	205	-134	0.2034	-0.0006	-0.0132
22	173	-143	0.1896	187	-129	0.1896	0.0000	-0.0126
24	191	-159	0.2100	207	-143	0.2100	0.0000	-0.0126
26	226	-193	0.2514	241	-174	0.2490	-0.0024	-0.0126
28	313	-281	0.3564	325	-281	0.3636	0.0072	-0.0102
30	455	-433	0.5328	473	-423	0.5376	0.0048	-0.0174
32	517	-494	0.6066	528	-478	0.6036	-0.0030	-0.0222
34	611	-579	0.7140	625	-565	0.7140	0.0000	-0.0192
36	650	-614	0.7584	665	-598	0.7578	-0.0006	-0.0192
38	627	-594	0.7326	640	-578	0.7308	-0.0018	-0.0186
40	569	-534	0.6618	575	-518	0.6558	-0.0060	-0.0168
42	475	-450	0.5550	486	-438	0.5544	-0.0006	-0.0108
44	502	-467	0.5814	515	-455	0.5820	0.0006	-0.0102
46	496	-459	0.5730	509	-441	0.5700	-0.0030	-0.0108
48	510	-474	0.5904	525	-461	0.5916	0.0012	-0.0078
50	563	-542	0.6630	583	-525	0.6648	0.0018	-0.0090
52	647	-637	0.7704	665	-615	0.7680	-0.0024	-0.0108
54	747	-719	0.8796	760	-705	0.8790	-0.0006	-0.0084
56	661	-644	0.7830	678	-617	0.7770	-0.0060	-0.0078
58	639	-609	0.7488	654	-591	0.7470	-0.0018	-0.0018
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS16  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 10:48:27 AM

**INITIAL SURVEY** 5/19/2009 9:39:34 AM

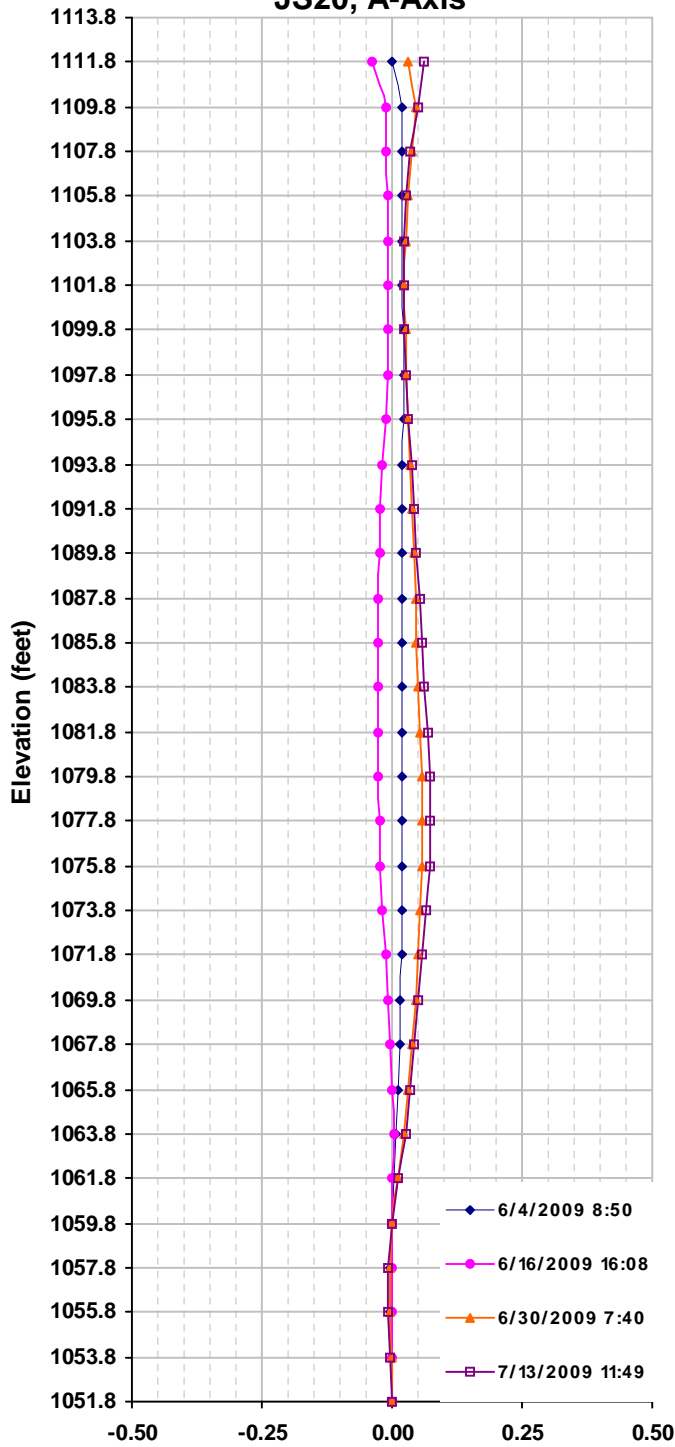
**DATE PRINTED** 10/15/2009 10:19:43 AM

Data Reduction for B Axis:

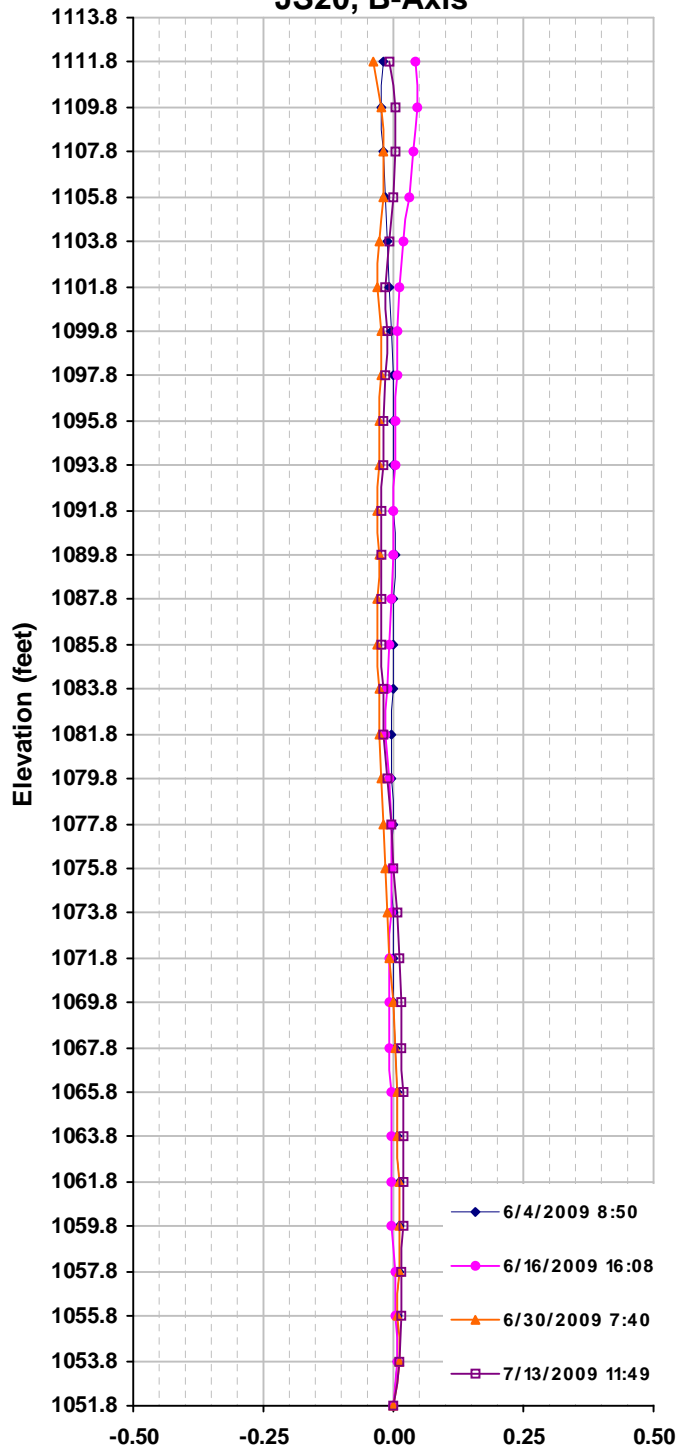
Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-20	47	-0.0402	-9	52	-0.0366	0.0036	0.0138
4	-35	70	-0.0630	-34	94	-0.0768	-0.0138	0.0102
6	-10	43	-0.0318	-1	66	-0.0402	-0.0084	0.0240
8	3	32	-0.0174	15	44	-0.0174	0.0000	0.0324
10	14	24	-0.0060	33	20	0.0078	0.0138	0.0324
12	-97	113	-0.1260	-83	133	-0.1296	-0.0036	0.0186
14	-85	123	-0.1248	-70	134	-0.1224	0.0024	0.0222
16	-4	40	-0.0264	8	50	-0.0252	0.0012	0.0198
18	109	-74	0.1098	126	-60	0.1116	0.0018	0.0186
20	189	-151	0.2040	203	-137	0.2040	0.0000	0.0168
22	173	-143	0.1896	186	-134	0.1920	0.0024	0.0168
24	191	-159	0.2100	205	-147	0.2112	0.0012	0.0144
26	226	-193	0.2514	239	-177	0.2496	-0.0018	0.0132
28	313	-281	0.3564	325	-283	0.3648	0.0084	0.0150
30	455	-433	0.5328	470	-427	0.5382	0.0054	0.0066
32	517	-494	0.6066	528	-482	0.6060	-0.0006	0.0012
34	611	-579	0.7140	623	-569	0.7152	0.0012	0.0018
36	650	-614	0.7584	664	-602	0.7596	0.0012	0.0006
38	627	-594	0.7326	638	-581	0.7314	-0.0012	-0.0006
40	569	-534	0.6618	575	-521	0.6576	-0.0042	0.0006
42	475	-450	0.5550	485	-441	0.5556	0.0006	0.0048
44	502	-467	0.5814	517	-458	0.5850	0.0036	0.0042
46	496	-459	0.5730	507	-445	0.5712	-0.0018	0.0006
48	510	-474	0.5904	521	-465	0.5916	0.0012	0.0024
50	563	-542	0.6630	581	-529	0.6660	0.0030	0.0012
52	647	-637	0.7704	663	-619	0.7692	-0.0012	-0.0018
54	747	-719	0.8796	759	-708	0.8802	0.0006	-0.0006
56	661	-644	0.7830	678	-622	0.7800	-0.0030	-0.0012
58	639	-609	0.7488	653	-598	0.7506	0.0018	0.0018
60	0	0	0.0000	0	0	0.0000	0.0000	0.0000



JS20, A-Axis

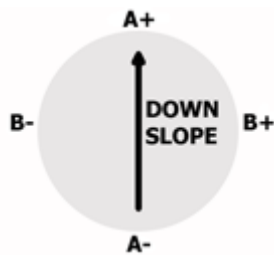


JS20, B-Axis



Cumulative Displacement (in) from 5/19/2009

Cumulative Displacement (in) from 5/19/2009



John Sevier Fossil Plant

Rogersville, TN

175569038

7/16/2009

**SITE** JSF  
**INSTALLATION** JS20  
**DESCRIPTION**

**CURRENT SURVEY** 6/4/2009 8:50:44 AM

**INITIAL SURVEY** 5/19/2009 9:05:35 AM

**DATE PRINTED** 7/15/2009 7:47:27 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-175	187	-0.2172	-187	207	-0.2364	-0.0192	-0.0018
4	-193	207	-0.2400	-196	207	-0.2418	-0.0018	0.0174
6	-267	289	-0.3336	-266	291	-0.3342	-0.0006	0.0192
8	-333	355	-0.4128	-334	355	-0.4134	-0.0006	0.0198
10	-382	406	-0.4728	-383	406	-0.4734	-0.0006	0.0204
12	-412	437	-0.5094	-414	437	-0.5106	-0.0012	0.0210
14	-417	439	-0.5136	-417	438	-0.5130	0.0006	0.0222
16	-332	358	-0.4140	-333	358	-0.4146	-0.0006	0.0216
18	-163	186	-0.2094	-163	184	-0.2082	0.0012	0.0222
20	-36	59	-0.0570	-35	57	-0.0552	0.0018	0.0210
22	94	-68	0.0972	93	-69	0.0972	0.0000	0.0192
24	265	-245	0.3060	265	-246	0.3066	0.0006	0.0192
26	409	-382	0.4746	407	-383	0.4740	-0.0006	0.0186
28	563	-540	0.6618	561	-540	0.6606	-0.0012	0.0192
30	702	-677	0.8274	702	-677	0.8274	0.0000	0.0204
32	825	-799	0.9744	824	-799	0.9738	-0.0006	0.0204
34	901	-876	1.0662	901	-877	1.0668	0.0006	0.0210
36	897	-872	1.0614	897	-871	1.0608	-0.0006	0.0204
38	891	-866	1.0542	890	-868	1.0548	0.0006	0.0210
40	786	-763	0.9294	787	-766	0.9318	0.0024	0.0204
42	594	-569	0.6978	595	-572	0.7002	0.0024	0.0180
44	404	-381	0.4710	405	-383	0.4728	0.0018	0.0156
46	249	-223	0.2832	251	-226	0.2862	0.0030	0.0138
48	69	-47	0.0696	70	-50	0.0720	0.0024	0.0108
50	-135	155	-0.1740	-130	153	-0.1698	0.0042	0.0084
52	-368	392	-0.4560	-365	386	-0.4506	0.0054	0.0042
54	-572	594	-0.6996	-570	592	-0.6972	0.0024	-0.0012
56	-623	650	-0.7638	-624	649	-0.7638	0.0000	-0.0036
58	-546	570	-0.6696	-549	571	-0.6720	-0.0024	-0.0036
60	-466	490	-0.5736	-467	491	-0.5748	-0.0012	-0.0012
62	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS20  
**DESCRIPTION**

**CURRENT SURVEY** 6/16/2009 4:08:00 PM

**INITIAL SURVEY** 5/19/2009 9:05:35 AM

**DATE PRINTED** 7/15/2009 7:47:27 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-175	187	-0.2172	-207	195	-0.2412	-0.0240	-0.0372
4	-193	207	-0.2400	-210	194	-0.2424	-0.0024	-0.0132
6	-267	289	-0.3336	-286	273	-0.3354	-0.0018	-0.0108
8	-333	355	-0.4128	-353	335	-0.4128	0.0000	-0.0090
10	-382	406	-0.4728	-402	385	-0.4722	0.0006	-0.0090
12	-412	437	-0.5094	-434	417	-0.5106	-0.0012	-0.0096
14	-417	439	-0.5136	-435	419	-0.5124	0.0012	-0.0084
16	-332	358	-0.4140	-349	335	-0.4104	0.0036	-0.0096
18	-163	186	-0.2094	-178	163	-0.2046	0.0048	-0.0132
20	-36	59	-0.0570	-51	37	-0.0528	0.0042	-0.0180
22	94	-68	0.0972	75	-91	0.0996	0.0024	-0.0222
24	265	-245	0.3060	247	-265	0.3072	0.0012	-0.0246
26	409	-382	0.4746	390	-403	0.4758	0.0012	-0.0258
28	563	-540	0.6618	544	-559	0.6618	0.0000	-0.0270
30	702	-677	0.8274	682	-698	0.8280	0.0006	-0.0270
32	825	-799	0.9744	805	-819	0.9744	0.0000	-0.0276
34	901	-876	1.0662	878	-894	1.0632	-0.0030	-0.0276
36	897	-872	1.0614	875	-889	1.0584	-0.0030	-0.0246
38	891	-866	1.0542	869	-882	1.0506	-0.0036	-0.0216
40	786	-763	0.9294	763	-777	0.9240	-0.0054	-0.0180
42	594	-569	0.6978	572	-584	0.6936	-0.0042	-0.0126
44	404	-381	0.4710	382	-397	0.4674	-0.0036	-0.0084
46	249	-223	0.2832	227	-239	0.2796	-0.0036	-0.0048
48	69	-47	0.0696	48	-62	0.0660	-0.0036	-0.0012
50	-135	155	-0.1740	-151	138	-0.1734	0.0006	0.0024
52	-368	392	-0.4560	-386	373	-0.4554	0.0006	0.0018
54	-572	594	-0.6996	-590	575	-0.6990	0.0006	0.0012
56	-623	650	-0.7638	-642	630	-0.7632	0.0006	0.0006
58	-546	570	-0.6696	-564	551	-0.6690	0.0006	0.0000
60	-466	490	-0.5736	-486	471	-0.5742	-0.0006	-0.0006
62	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS20  
**DESCRIPTION**

**CURRENT SURVEY** 6/30/2009 7:40:11 AM

**INITIAL SURVEY** 5/19/2009 9:05:35 AM

**DATE PRINTED** 7/15/2009 7:47:27 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-175	187	-0.2172	-190	194	-0.2304	-0.0132	0.0312
4	-193	207	-0.2400	-194	193	-0.2322	0.0078	0.0444
6	-267	289	-0.3336	-267	278	-0.3270	0.0066	0.0366
8	-333	355	-0.4128	-338	342	-0.4080	0.0048	0.0300
10	-382	406	-0.4728	-392	395	-0.4722	0.0006	0.0252
12	-412	437	-0.5094	-425	427	-0.5112	-0.0018	0.0246
14	-417	439	-0.5136	-429	430	-0.5154	-0.0018	0.0264
16	-332	358	-0.4140	-345	351	-0.4176	-0.0036	0.0282
18	-163	186	-0.2094	-177	176	-0.2118	-0.0024	0.0318
20	-36	59	-0.0570	-50	51	-0.0606	-0.0036	0.0342
22	94	-68	0.0972	80	-75	0.0930	-0.0042	0.0378
24	265	-245	0.3060	251	-255	0.3036	-0.0024	0.0420
26	409	-382	0.4746	394	-391	0.4710	-0.0036	0.0444
28	563	-540	0.6618	549	-548	0.6582	-0.0036	0.0480
30	702	-677	0.8274	687	-686	0.8238	-0.0036	0.0516
32	825	-799	0.9744	811	-809	0.9720	-0.0024	0.0552
34	901	-876	1.0662	889	-887	1.0656	-0.0006	0.0576
36	897	-872	1.0614	887	-882	1.0614	0.0000	0.0582
38	891	-866	1.0542	883	-879	1.0572	0.0030	0.0582
40	786	-763	0.9294	779	-779	0.9348	0.0054	0.0552
42	594	-569	0.6978	587	-585	0.7032	0.0054	0.0498
44	404	-381	0.4710	398	-398	0.4776	0.0066	0.0444
46	249	-223	0.2832	245	-239	0.2904	0.0072	0.0378
48	69	-47	0.0696	63	-65	0.0768	0.0072	0.0306
50	-135	155	-0.1740	-135	136	-0.1626	0.0114	0.0234
52	-368	392	-0.4560	-371	372	-0.4458	0.0102	0.0120
54	-572	594	-0.6996	-578	577	-0.6930	0.0066	0.0018
56	-623	650	-0.7638	-637	638	-0.7650	-0.0012	-0.0048
58	-546	570	-0.6696	-560	560	-0.6720	-0.0024	-0.0036
60	-466	490	-0.5736	-478	480	-0.5748	-0.0012	-0.0012
62	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS20  
**DESCRIPTION**

**CURRENT SURVEY** 7/13/2009 11:49:32 AM

**INITIAL SURVEY** 5/19/2009 9:05:35 AM

**DATE PRINTED** 7/15/2009 7:47:27 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-175	187	-0.2172	-167	173	-0.2040	0.0132	0.0630
4	-193	207	-0.2400	-186	190	-0.2256	0.0144	0.0498
6	-267	289	-0.3336	-264	278	-0.3252	0.0084	0.0354
8	-333	355	-0.4128	-335	345	-0.4080	0.0048	0.0270
10	-382	406	-0.4728	-390	398	-0.4728	0.0000	0.0222
12	-412	437	-0.5094	-422	429	-0.5106	-0.0012	0.0222
14	-417	439	-0.5136	-427	433	-0.5160	-0.0024	0.0234
16	-332	358	-0.4140	-345	354	-0.4194	-0.0054	0.0258
18	-163	186	-0.2094	-177	182	-0.2154	-0.0060	0.0312
20	-36	59	-0.0570	-48	54	-0.0612	-0.0042	0.0372
22	94	-68	0.0972	79	-73	0.0912	-0.0060	0.0414
24	265	-245	0.3060	252	-248	0.3000	-0.0060	0.0474
26	409	-382	0.4746	395	-388	0.4698	-0.0048	0.0534
28	563	-540	0.6618	550	-545	0.6570	-0.0048	0.0582
30	702	-677	0.8274	689	-682	0.8226	-0.0048	0.0630
32	825	-799	0.9744	813	-805	0.9708	-0.0036	0.0678
34	901	-876	1.0662	890	-885	1.0650	-0.0012	0.0714
36	897	-872	1.0614	890	-881	1.0626	0.0012	0.0726
38	891	-866	1.0542	886	-878	1.0584	0.0042	0.0714
40	786	-763	0.9294	785	-777	0.9372	0.0078	0.0672
42	594	-569	0.6978	594	-583	0.7062	0.0084	0.0594
44	404	-381	0.4710	403	-395	0.4788	0.0078	0.0510
46	249	-223	0.2832	249	-237	0.2916	0.0084	0.0432
48	69	-47	0.0696	70	-61	0.0786	0.0090	0.0348
50	-135	155	-0.1740	-130	139	-0.1614	0.0126	0.0258
52	-368	392	-0.4560	-365	375	-0.4440	0.0120	0.0132
54	-572	594	-0.6996	-573	580	-0.6918	0.0078	0.0012
56	-623	650	-0.7638	-631	642	-0.7638	0.0000	-0.0066
58	-546	570	-0.6696	-559	564	-0.6738	-0.0042	-0.0066
60	-466	490	-0.5736	-477	483	-0.5760	-0.0024	-0.0024
62	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS20  
**DESCRIPTION**

**CURRENT SURVEY** 6/4/2009 8:50:44 AM

**INITIAL SURVEY** 5/19/2009 9:05:35 AM

**DATE PRINTED** 7/15/2009 7:47:36 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	1100	-1078	1.3068	1105	-1079	1.3104	0.0036	-0.0204
4	1027	-1018	1.2270	1018	-1020	1.2228	-0.0042	-0.0240
6	738	-733	0.8826	734	-729	0.8778	-0.0048	-0.0198
8	382	-379	0.4566	378	-376	0.4524	-0.0042	-0.0150
10	53	-47	0.0600	49	-46	0.0570	-0.0030	-0.0108
12	-198	219	-0.2502	-205	220	-0.2550	-0.0048	-0.0078
14	-312	338	-0.3900	-317	340	-0.3942	-0.0042	-0.0030
16	-359	395	-0.4524	-363	392	-0.4530	-0.0006	0.0012
18	-323	359	-0.4092	-323	357	-0.4080	0.0012	0.0018
20	-275	313	-0.3528	-278	311	-0.3534	-0.0006	0.0006
22	-248	287	-0.3210	-250	287	-0.3222	-0.0012	0.0012
24	-203	239	-0.2652	-203	234	-0.2622	0.0030	0.0024
26	-126	167	-0.1758	-127	164	-0.1746	0.0012	-0.0006
28	-73	115	-0.1128	-77	114	-0.1146	-0.0018	-0.0018
30	-53	94	-0.0882	-55	86	-0.0846	0.0036	0.0000
32	66	-45	0.0666	63	-46	0.0654	-0.0012	-0.0036
34	246	-224	0.2820	244	-224	0.2808	-0.0012	-0.0024
36	397	-361	0.4548	395	-365	0.4560	0.0012	-0.0012
38	495	-462	0.5742	491	-463	0.5724	-0.0018	-0.0024
40	554	-519	0.6438	554	-520	0.6444	0.0006	-0.0006
42	529	-490	0.6114	526	-491	0.6102	-0.0012	-0.0012
44	497	-458	0.5730	489	-460	0.5694	-0.0036	0.0000
46	470	-428	0.5388	463	-430	0.5358	-0.0030	0.0036
48	439	-402	0.5046	435	-404	0.5034	-0.0012	0.0066
50	395	-366	0.4566	394	-363	0.4542	-0.0024	0.0078
52	308	-277	0.3510	305	-280	0.3510	0.0000	0.0102
54	298	-263	0.3366	295	-264	0.3354	-0.0012	0.0102
56	281	-242	0.3138	278	-250	0.3168	0.0030	0.0114
58	259	-222	0.2886	255	-224	0.2874	-0.0012	0.0084
60	211	-207	0.2508	231	-203	0.2604	0.0096	0.0096
62	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS20  
**DESCRIPTION**

**CURRENT SURVEY** 6/16/2009 4:08:00 PM

**INITIAL SURVEY** 5/19/2009 9:05:35 AM

**DATE PRINTED** 7/15/2009 7:47:37 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	1100	-1078	1.3068	1084	-1084	1.3008	-0.0060	0.0420
4	1027	-1018	1.2270	1030	-1033	1.2378	0.0108	0.0480
6	738	-733	0.8826	744	-738	0.8892	0.0066	0.0372
8	382	-379	0.4566	393	-385	0.4668	0.0102	0.0306
10	53	-47	0.0600	62	-55	0.0702	0.0102	0.0204
12	-198	219	-0.2502	-205	208	-0.2478	0.0024	0.0102
14	-312	338	-0.3900	-325	324	-0.3894	0.0006	0.0078
16	-359	395	-0.4524	-372	378	-0.4500	0.0024	0.0072
18	-323	359	-0.4092	-340	340	-0.4080	0.0012	0.0048
20	-275	313	-0.3528	-290	293	-0.3498	0.0030	0.0036
22	-248	287	-0.3210	-265	266	-0.3186	0.0024	0.0006
24	-203	239	-0.2652	-218	218	-0.2616	0.0036	-0.0018
26	-126	167	-0.1758	-142	144	-0.1716	0.0042	-0.0054
28	-73	115	-0.1128	-92	92	-0.1104	0.0024	-0.0096
30	-53	94	-0.0882	-69	70	-0.0834	0.0048	-0.0120
32	66	-45	0.0666	50	-48	0.0588	-0.0078	-0.0168
34	246	-224	0.2820	231	-231	0.2772	-0.0048	-0.0090
36	397	-361	0.4548	379	-380	0.4554	0.0006	-0.0042
38	495	-462	0.5742	477	-479	0.5736	-0.0006	-0.0048
40	554	-519	0.6438	541	-538	0.6474	0.0036	-0.0042
42	529	-490	0.6114	509	-510	0.6114	0.0000	-0.0078
44	497	-458	0.5730	476	-477	0.5718	-0.0012	-0.0078
46	470	-428	0.5388	449	-447	0.5376	-0.0012	-0.0066
48	439	-402	0.5046	421	-419	0.5040	-0.0006	-0.0054
50	395	-366	0.4566	380	-378	0.4548	-0.0018	-0.0048
52	308	-277	0.3510	292	-292	0.3504	-0.0006	-0.0030
54	298	-263	0.3366	277	-276	0.3318	-0.0048	-0.0024
56	281	-242	0.3138	262	-258	0.3120	-0.0018	0.0024
58	259	-222	0.2886	239	-236	0.2850	-0.0036	0.0042
60	211	-207	0.2508	217	-214	0.2586	0.0078	0.0078
62	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS20  
**DESCRIPTION**

**CURRENT SURVEY** 6/30/2009 7:40:11 AM

**INITIAL SURVEY** 5/19/2009 9:05:35 AM

**DATE PRINTED** 7/15/2009 7:47:37 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	1100	-1078	1.3068	1099	-1055	1.2924	-0.0144	-0.0390
4	1027	-1018	1.2270	1032	-1005	1.2222	-0.0048	-0.0246
6	738	-733	0.8826	754	-718	0.8832	0.0006	-0.0198
8	382	-379	0.4566	401	-368	0.4614	0.0048	-0.0204
10	53	-47	0.0600	71	-37	0.0648	0.0048	-0.0252
12	-198	219	-0.2502	-195	233	-0.2568	-0.0066	-0.0300
14	-312	338	-0.3900	-301	347	-0.3888	0.0012	-0.0234
16	-359	395	-0.4524	-349	402	-0.4506	0.0018	-0.0246
18	-323	359	-0.4092	-311	368	-0.4074	0.0018	-0.0264
20	-275	313	-0.3528	-264	322	-0.3516	0.0012	-0.0282
22	-248	287	-0.3210	-241	297	-0.3228	-0.0018	-0.0294
24	-203	239	-0.2652	-191	245	-0.2616	0.0036	-0.0276
26	-126	167	-0.1758	-117	177	-0.1764	-0.0006	-0.0312
28	-73	115	-0.1128	-66	127	-0.1158	-0.0030	-0.0306
30	-53	94	-0.0882	-49	98	-0.0882	0.0000	-0.0276
32	66	-45	0.0666	69	-35	0.0624	-0.0042	-0.0276
34	246	-224	0.2820	252	-212	0.2784	-0.0036	-0.0234
36	397	-361	0.4548	402	-350	0.4512	-0.0036	-0.0198
38	495	-462	0.5742	500	-449	0.5694	-0.0048	-0.0162
40	554	-519	0.6438	560	-505	0.6390	-0.0048	-0.0114
42	529	-490	0.6114	534	-477	0.6066	-0.0048	-0.0066
44	497	-458	0.5730	501	-447	0.5688	-0.0042	-0.0018
46	470	-428	0.5388	474	-418	0.5352	-0.0036	0.0024
48	439	-402	0.5046	447	-392	0.5034	-0.0012	0.0060
50	395	-366	0.4566	403	-353	0.4536	-0.0030	0.0072
52	308	-277	0.3510	315	-269	0.3504	-0.0006	0.0102
54	298	-263	0.3366	306	-254	0.3360	-0.0006	0.0108
56	281	-242	0.3138	289	-238	0.3162	0.0024	0.0114
58	259	-222	0.2886	258	-218	0.2856	-0.0030	0.0090
60	211	-207	0.2508	239	-199	0.2628	0.0120	0.0120
62	0	0	0.0000	0	0	0.0000	0.0000	0.0000



**SITE** JSF  
**INSTALLATION** JS20  
**DESCRIPTION**

**CURRENT SURVEY** 7/13/2009 11:49:32 AM

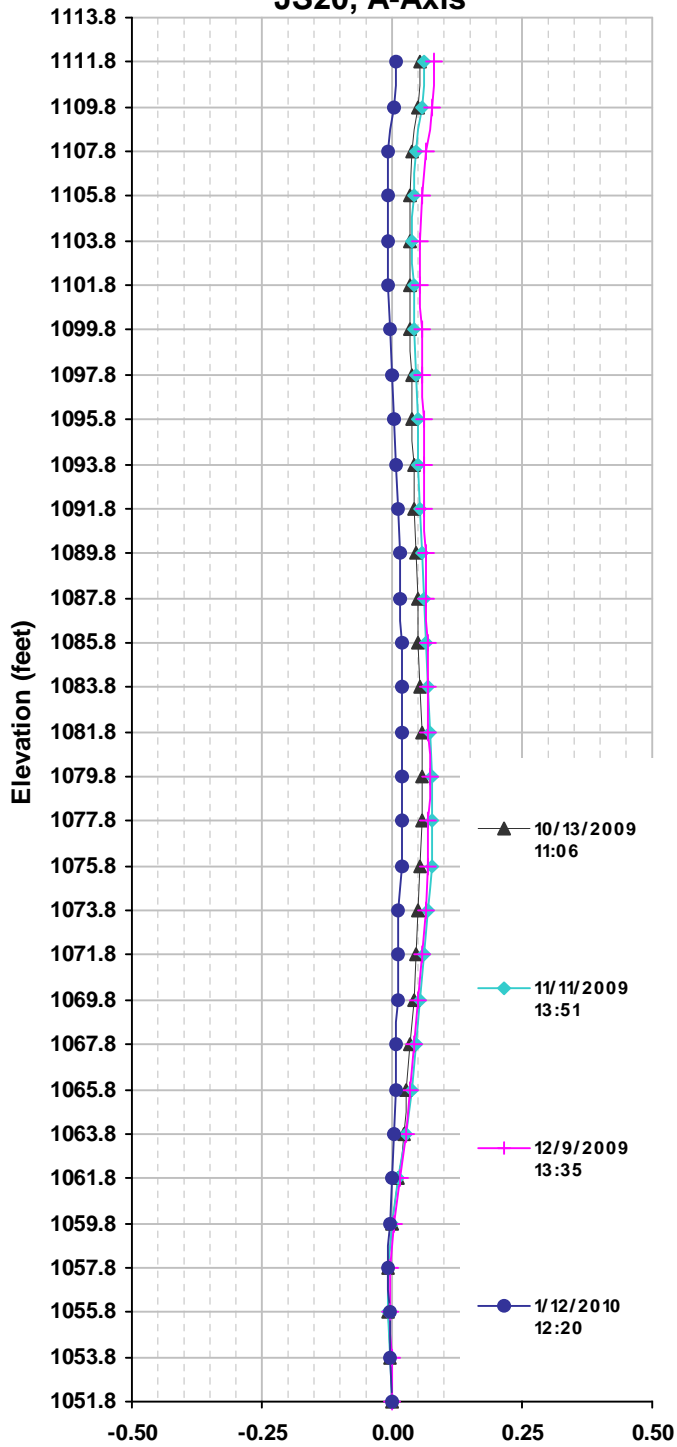
**INITIAL SURVEY** 5/19/2009 9:05:35 AM

**DATE PRINTED** 7/15/2009 7:47:37 AM

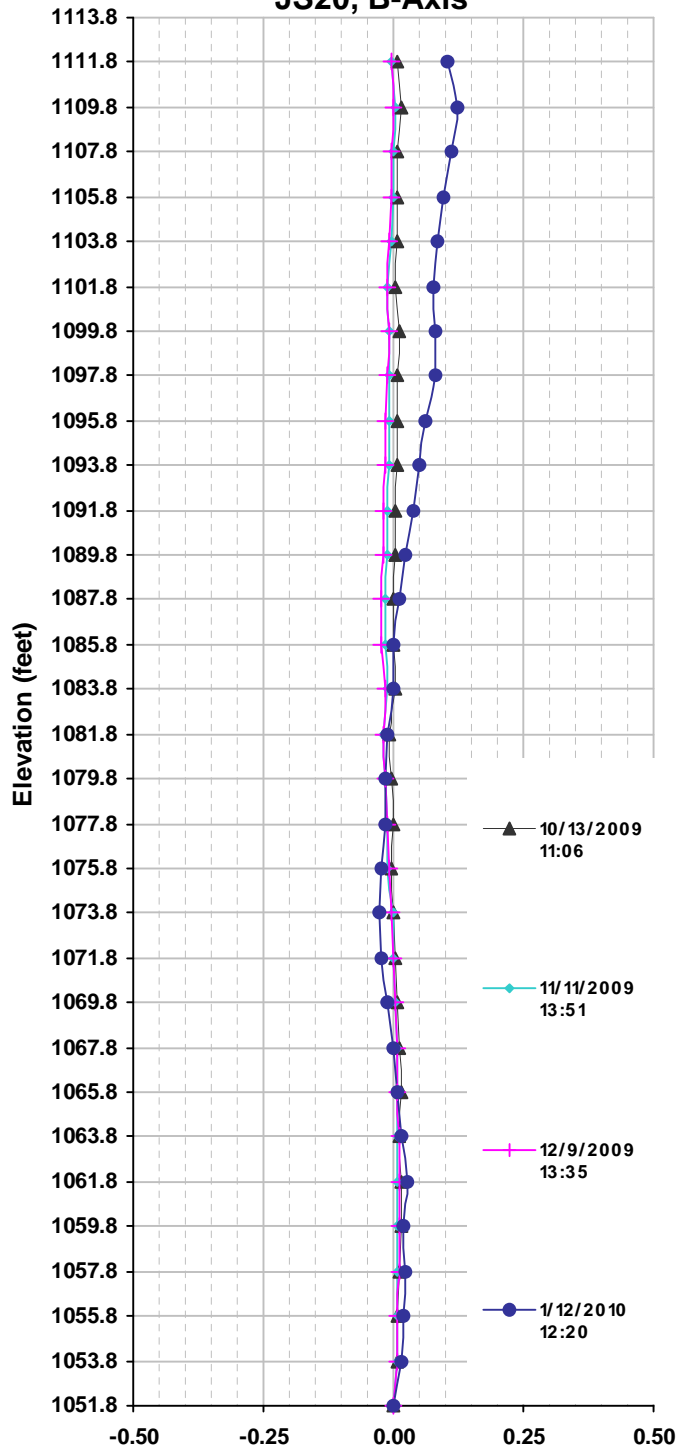
Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	1100	-1078	1.3068	1113	-1051	1.2984	-0.0084	-0.0060
4	1027	-1018	1.2270	1037	-1007	1.2264	-0.0006	0.0024
6	738	-733	0.8826	757	-718	0.8850	0.0024	0.0030
8	382	-379	0.4566	406	-371	0.4662	0.0096	0.0006
10	53	-47	0.0600	76	-35	0.0666	0.0066	-0.0090
12	-198	219	-0.2502	-191	231	-0.2532	-0.0030	-0.0156
14	-312	338	-0.3900	-295	350	-0.3870	0.0030	-0.0126
16	-359	395	-0.4524	-344	402	-0.4476	0.0048	-0.0156
18	-323	359	-0.4092	-311	371	-0.4092	0.0000	-0.0204
20	-275	313	-0.3528	-260	324	-0.3504	0.0024	-0.0204
22	-248	287	-0.3210	-237	299	-0.3216	-0.0006	-0.0228
24	-203	239	-0.2652	-189	250	-0.2634	0.0018	-0.0222
26	-126	167	-0.1758	-116	179	-0.1770	-0.0012	-0.0240
28	-73	115	-0.1128	-65	128	-0.1158	-0.0030	-0.0228
30	-53	94	-0.0882	-44	102	-0.0876	0.0006	-0.0198
32	66	-45	0.0666	66	-32	0.0588	-0.0078	-0.0204
34	246	-224	0.2820	250	-207	0.2742	-0.0078	-0.0126
36	397	-361	0.4548	402	-347	0.4494	-0.0054	-0.0048
38	495	-462	0.5742	502	-444	0.5676	-0.0066	0.0006
40	554	-519	0.6438	564	-502	0.6396	-0.0042	0.0072
42	529	-490	0.6114	538	-475	0.6078	-0.0036	0.0114
44	497	-458	0.5730	506	-447	0.5718	-0.0012	0.0150
46	470	-428	0.5388	477	-417	0.5364	-0.0024	0.0162
48	439	-402	0.5046	451	-391	0.5052	0.0006	0.0186
50	395	-366	0.4566	410	-350	0.4560	-0.0006	0.0180
52	308	-277	0.3510	322	-265	0.3522	0.0012	0.0186
54	298	-263	0.3366	312	-251	0.3378	0.0012	0.0174
56	281	-242	0.3138	295	-232	0.3162	0.0024	0.0162
58	259	-222	0.2886	272	-211	0.2898	0.0012	0.0138
60	211	-207	0.2508	246	-193	0.2634	0.0126	0.0126
62	0	0	0.0000	0	0	0.0000	0.0000	0.0000

JS20, A-Axis

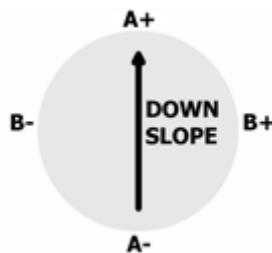


JS20, B-Axis



Cumulative Displacement (in) from 5/19/2009

Cumulative Displacement (in) from 5/19/2009



John Sevier Fossil Plant

Rogersville, TN

175569038

1/13/2010

**SITE** JSF  
**INSTALLATION** JS20  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 11:06:00 AM

**INITIAL SURVEY** 5/19/2009 9:05:35 AM

**DATE PRINTED** 1/13/2010 3:45:52 PM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-175	187	-0.2172	-173	182	-0.2130	0.0042	0.0540
4	-193	207	-0.2400	-190	193	-0.2298	0.0102	0.0498
6	-267	289	-0.3336	-265	283	-0.3288	0.0048	0.0396
8	-333	355	-0.4128	-337	348	-0.4110	0.0018	0.0348
10	-382	406	-0.4728	-387	402	-0.4734	-0.0006	0.0330
12	-412	437	-0.5094	-419	432	-0.5106	-0.0012	0.0336
14	-417	439	-0.5136	-423	437	-0.5160	-0.0024	0.0348
16	-332	358	-0.4140	-339	355	-0.4164	-0.0024	0.0372
18	-163	186	-0.2094	-170	182	-0.2112	-0.0018	0.0396
20	-36	59	-0.0570	-43	56	-0.0594	-0.0024	0.0414
22	94	-68	0.0972	86	-70	0.0936	-0.0036	0.0438
24	265	-245	0.3060	259	-249	0.3048	-0.0012	0.0474
26	409	-382	0.4746	401	-386	0.4722	-0.0024	0.0486
28	563	-540	0.6618	555	-542	0.6582	-0.0036	0.0510
30	702	-677	0.8274	695	-682	0.8262	-0.0012	0.0546
32	825	-799	0.9744	818	-803	0.9726	-0.0018	0.0558
34	901	-876	1.0662	897	-882	1.0674	0.0012	0.0576
36	897	-872	1.0614	895	-876	1.0626	0.0012	0.0564
38	891	-866	1.0542	889	-874	1.0578	0.0036	0.0552
40	786	-763	0.9294	785	-773	0.9348	0.0054	0.0516
42	594	-569	0.6978	593	-578	0.7026	0.0048	0.0462
44	404	-381	0.4710	405	-391	0.4776	0.0066	0.0414
46	249	-223	0.2832	250	-233	0.2898	0.0066	0.0348
48	69	-47	0.0696	69	-57	0.0756	0.0060	0.0282
50	-135	155	-0.1740	-129	144	-0.1638	0.0102	0.0222
52	-368	392	-0.4560	-363	379	-0.4452	0.0108	0.0120
54	-572	594	-0.6996	-570	583	-0.6918	0.0078	0.0012
56	-623	650	-0.7638	-629	645	-0.7644	-0.0006	-0.0066
58	-546	570	-0.6696	-555	567	-0.6732	-0.0036	-0.0060
60	-466	490	-0.5736	-473	487	-0.5760	-0.0024	-0.0024
62	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS20  
**DESCRIPTION**

**CURRENT SURVEY** 11/11/2009 1:51:44 PM

**INITIAL SURVEY** 5/19/2009 9:05:35 AM

**DATE PRINTED** 1/13/2010 3:45:52 PM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-175	187	-0.2172	-175	181	-0.2136	0.0036	0.0606
4	-193	207	-0.2400	-193	191	-0.2304	0.0096	0.0570
6	-267	289	-0.3336	-267	282	-0.3294	0.0042	0.0474
8	-333	355	-0.4128	-337	346	-0.4098	0.0030	0.0432
10	-382	406	-0.4728	-390	399	-0.4734	-0.0006	0.0402
12	-412	437	-0.5094	-422	429	-0.5106	-0.0012	0.0408
14	-417	439	-0.5136	-426	434	-0.5160	-0.0024	0.0420
16	-332	358	-0.4140	-344	353	-0.4182	-0.0042	0.0444
18	-163	186	-0.2094	-173	181	-0.2124	-0.0030	0.0486
20	-36	59	-0.0570	-46	54	-0.0600	-0.0030	0.0516
22	94	-68	0.0972	82	-72	0.0924	-0.0048	0.0546
24	265	-245	0.3060	255	-250	0.3030	-0.0030	0.0594
26	409	-382	0.4746	397	-388	0.4710	-0.0036	0.0624
28	563	-540	0.6618	551	-545	0.6576	-0.0042	0.0660
30	702	-677	0.8274	691	-684	0.8250	-0.0024	0.0702
32	825	-799	0.9744	813	-806	0.9714	-0.0030	0.0726
34	901	-876	1.0662	893	-885	1.0668	0.0006	0.0756
36	897	-872	1.0614	890	-879	1.0614	0.0000	0.0750
38	891	-866	1.0542	887	-879	1.0596	0.0054	0.0750
40	786	-763	0.9294	783	-777	0.9360	0.0066	0.0696
42	594	-569	0.6978	593	-586	0.7074	0.0096	0.0630
44	404	-381	0.4710	403	-396	0.4794	0.0084	0.0534
46	249	-223	0.2832	249	-237	0.2916	0.0084	0.0450
48	69	-47	0.0696	70	-64	0.0804	0.0108	0.0366
50	-135	155	-0.1740	-131	137	-0.1608	0.0132	0.0258
52	-368	392	-0.4560	-365	374	-0.4434	0.0126	0.0126
54	-572	594	-0.6996	-573	579	-0.6912	0.0084	0.0000
56	-623	650	-0.7638	-633	642	-0.7650	-0.0012	-0.0084
58	-546	570	-0.6696	-559	565	-0.6744	-0.0048	-0.0072
60	-466	490	-0.5736	-476	484	-0.5760	-0.0024	-0.0024
62	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS20  
**DESCRIPTION**

**CURRENT SURVEY** 12/9/2009 1:35:17 PM

**INITIAL SURVEY** 5/19/2009 9:05:35 AM

**DATE PRINTED** 1/13/2010 3:45:52 PM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-175	187	-0.2172	-171	181	-0.2112	0.0060	0.0822
4	-193	207	-0.2400	-189	194	-0.2298	0.0102	0.0762
6	-267	289	-0.3336	-262	283	-0.3270	0.0066	0.0660
8	-333	355	-0.4128	-333	348	-0.4086	0.0042	0.0594
10	-382	406	-0.4728	-387	401	-0.4728	0.0000	0.0552
12	-412	437	-0.5094	-419	432	-0.5106	-0.0012	0.0552
14	-417	439	-0.5136	-423	435	-0.5148	-0.0012	0.0564
16	-332	358	-0.4140	-339	355	-0.4164	-0.0024	0.0576
18	-163	186	-0.2094	-170	182	-0.2112	-0.0018	0.0600
20	-36	59	-0.0570	-42	55	-0.0582	-0.0012	0.0618
22	94	-68	0.0972	87	-71	0.0948	-0.0024	0.0630
24	265	-245	0.3060	260	-248	0.3048	-0.0012	0.0654
26	409	-382	0.4746	402	-387	0.4734	-0.0012	0.0666
28	563	-540	0.6618	555	-544	0.6594	-0.0024	0.0678
30	702	-677	0.8274	696	-683	0.8274	0.0000	0.0702
32	825	-799	0.9744	818	-804	0.9732	-0.0012	0.0702
34	901	-876	1.0662	897	-882	1.0674	0.0012	0.0714
36	897	-872	1.0614	894	-878	1.0632	0.0018	0.0702
38	891	-866	1.0542	890	-875	1.0590	0.0048	0.0684
40	786	-763	0.9294	786	-773	0.9354	0.0060	0.0636
42	594	-569	0.6978	594	-580	0.7044	0.0066	0.0576
44	404	-381	0.4710	407	-392	0.4794	0.0084	0.0510
46	249	-223	0.2832	251	-233	0.2904	0.0072	0.0426
48	69	-47	0.0696	71	-59	0.0780	0.0084	0.0354
50	-135	155	-0.1740	-128	142	-0.1620	0.0120	0.0270
52	-368	392	-0.4560	-363	377	-0.4440	0.0120	0.0150
54	-572	594	-0.6996	-570	582	-0.6912	0.0084	0.0030
56	-623	650	-0.7638	-629	644	-0.7638	0.0000	-0.0054
58	-546	570	-0.6696	-556	566	-0.6732	-0.0036	-0.0054
60	-466	490	-0.5736	-473	486	-0.5754	-0.0018	-0.0018
62	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS20  
**DESCRIPTION**

**CURRENT SURVEY** 1/12/2010 12:20:00 PM

**INITIAL SURVEY** 5/19/2009 9:05:35 AM

**DATE PRINTED** 1/13/2010 3:45:52 PM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-175	187	-0.2172	-180	177	-0.2142	0.0030	0.0072
4	-193	207	-0.2400	-194	188	-0.2292	0.0108	0.0042
6	-267	289	-0.3336	-276	279	-0.3330	0.0006	-0.0066
8	-333	355	-0.4128	-344	342	-0.4116	0.0012	-0.0072
10	-382	406	-0.4728	-395	397	-0.4752	-0.0024	-0.0084
12	-412	437	-0.5094	-427	426	-0.5118	-0.0024	-0.0060
14	-417	439	-0.5136	-432	432	-0.5184	-0.0048	-0.0036
16	-332	358	-0.4140	-347	350	-0.4182	-0.0042	0.0012
18	-163	186	-0.2094	-178	178	-0.2136	-0.0042	0.0054
20	-36	59	-0.0570	-49	50	-0.0594	-0.0024	0.0096
22	94	-68	0.0972	81	-78	0.0954	-0.0018	0.0120
24	265	-245	0.3060	252	-253	0.3030	-0.0030	0.0138
26	409	-382	0.4746	396	-393	0.4734	-0.0012	0.0168
28	563	-540	0.6618	551	-549	0.6600	-0.0018	0.0180
30	702	-677	0.8274	690	-689	0.8274	0.0000	0.0198
32	825	-799	0.9744	812	-811	0.9738	-0.0006	0.0198
34	901	-876	1.0662	890	-891	1.0686	0.0024	0.0204
36	897	-872	1.0614	886	-884	1.0620	0.0006	0.0180
38	891	-866	1.0542	883	-882	1.0590	0.0048	0.0174
40	786	-763	0.9294	775	-775	0.9300	0.0006	0.0126
42	594	-569	0.6978	583	-583	0.6996	0.0018	0.0120
44	404	-381	0.4710	396	-395	0.4746	0.0036	0.0102
46	249	-223	0.2832	238	-235	0.2838	0.0006	0.0066
48	69	-47	0.0696	59	-58	0.0702	0.0006	0.0060
50	-135	155	-0.1740	-141	142	-0.1698	0.0042	0.0054
52	-368	392	-0.4560	-376	378	-0.4524	0.0036	0.0012
54	-572	594	-0.6996	-580	580	-0.6960	0.0036	-0.0024
56	-623	650	-0.7638	-636	639	-0.7650	-0.0012	-0.0060
58	-546	570	-0.6696	-560	560	-0.6720	-0.0024	-0.0048
60	-466	490	-0.5736	-480	480	-0.5760	-0.0024	-0.0024
62	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS20  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 11:06:00 AM

**INITIAL SURVEY** 5/19/2009 9:05:35 AM

**DATE PRINTED** 1/13/2010 3:46:00 PM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	1100	-1078	1.3068	1115	-1054	1.3014	-0.0054	0.0084
4	1027	-1018	1.2270	1038	-1014	1.2312	0.0042	0.0138
6	738	-733	0.8826	754	-722	0.8856	0.0030	0.0096
8	382	-379	0.4566	394	-368	0.4572	0.0006	0.0066
10	53	-47	0.0600	70	-33	0.0618	0.0018	0.0060
12	-198	219	-0.2502	-194	233	-0.2562	-0.0060	0.0042
14	-312	338	-0.3900	-299	350	-0.3894	0.0006	0.0102
16	-359	395	-0.4524	-347	405	-0.4512	0.0012	0.0096
18	-323	359	-0.4092	-311	369	-0.4080	0.0012	0.0084
20	-275	313	-0.3528	-262	323	-0.3510	0.0018	0.0072
22	-248	287	-0.3210	-236	297	-0.3198	0.0012	0.0054
24	-203	239	-0.2652	-188	246	-0.2604	0.0048	0.0042
26	-126	167	-0.1758	-115	177	-0.1752	0.0006	-0.0006
28	-73	115	-0.1128	-65	129	-0.1164	-0.0036	-0.0012
30	-53	94	-0.0882	-44	89	-0.0798	0.0084	0.0024
32	66	-45	0.0666	70	-39	0.0654	-0.0012	-0.0060
34	246	-224	0.2820	251	-214	0.2790	-0.0030	-0.0048
36	397	-361	0.4548	408	-351	0.4554	0.0006	-0.0018
38	495	-462	0.5742	503	-447	0.5700	-0.0042	-0.0024
40	554	-519	0.6438	565	-504	0.6414	-0.0024	0.0018
42	529	-490	0.6114	536	-475	0.6066	-0.0048	0.0042
44	497	-458	0.5730	503	-447	0.5700	-0.0030	0.0090
46	470	-428	0.5388	478	-417	0.5370	-0.0018	0.0120
48	439	-402	0.5046	450	-392	0.5052	0.0006	0.0138
50	395	-366	0.4566	408	-351	0.4554	-0.0012	0.0132
52	308	-277	0.3510	320	-266	0.3516	0.0006	0.0144
54	298	-263	0.3366	310	-253	0.3378	0.0012	0.0138
56	281	-242	0.3138	294	-234	0.3168	0.0030	0.0126
58	259	-222	0.2886	270	-212	0.2892	0.0006	0.0096
60	211	-207	0.2508	242	-191	0.2598	0.0090	0.0090
62	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS20  
**DESCRIPTION**

**CURRENT SURVEY** 11/11/2009 1:51:44 PM

**INITIAL SURVEY** 5/19/2009 9:05:35 AM

**DATE PRINTED** 1/13/2010 3:46:00 PM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	1100	-1078	1.3068	1117	-1050	1.3002	-0.0066	-0.0042
4	1027	-1018	1.2270	1041	-1008	1.2294	0.0024	0.0024
6	738	-733	0.8826	757	-715	0.8832	0.0006	0.0000
8	382	-379	0.4566	401	-366	0.4602	0.0036	-0.0006
10	53	-47	0.0600	73	-41	0.0684	0.0084	-0.0042
12	-198	219	-0.2502	-194	232	-0.2556	-0.0054	-0.0126
14	-312	338	-0.3900	-297	353	-0.3900	0.0000	-0.0072
16	-359	395	-0.4524	-343	407	-0.4500	0.0024	-0.0072
18	-323	359	-0.4092	-308	374	-0.4092	0.0000	-0.0096
20	-275	313	-0.3528	-259	327	-0.3516	0.0012	-0.0096
22	-248	287	-0.3210	-233	301	-0.3204	0.0006	-0.0108
24	-203	239	-0.2652	-186	249	-0.2610	0.0042	-0.0114
26	-126	167	-0.1758	-111	182	-0.1758	0.0000	-0.0156
28	-73	115	-0.1128	-63	133	-0.1176	-0.0048	-0.0156
30	-53	94	-0.0882	-42	94	-0.0816	0.0066	-0.0108
32	66	-45	0.0666	73	-33	0.0636	-0.0030	-0.0174
34	246	-224	0.2820	255	-211	0.2796	-0.0024	-0.0144
36	397	-361	0.4548	408	-347	0.4530	-0.0018	-0.0120
38	495	-462	0.5742	501	-442	0.5658	-0.0084	-0.0102
40	554	-519	0.6438	567	-502	0.6414	-0.0024	-0.0018
42	529	-490	0.6114	539	-473	0.6072	-0.0042	0.0006
44	497	-458	0.5730	507	-442	0.5694	-0.0036	0.0048
46	470	-428	0.5388	482	-419	0.5406	0.0018	0.0084
48	439	-402	0.5046	452	-386	0.5028	-0.0018	0.0066
50	395	-366	0.4566	410	-349	0.4554	-0.0012	0.0084
52	308	-277	0.3510	322	-265	0.3522	0.0012	0.0096
54	298	-263	0.3366	311	-248	0.3354	-0.0012	0.0084
56	281	-242	0.3138	296	-230	0.3156	0.0018	0.0096
58	259	-222	0.2886	273	-209	0.2892	0.0006	0.0078
60	211	-207	0.2508	243	-187	0.2580	0.0072	0.0072
62	0	0	0.0000	0	0	0.0000	0.0000	0.0000



**SITE** JSF  
**INSTALLATION** JS20  
**DESCRIPTION**

**CURRENT SURVEY** 12/9/2009 1:35:17 PM

**INITIAL SURVEY** 5/19/2009 9:05:35 AM

**DATE PRINTED** 1/13/2010 3:46:00 PM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	1100	-1078	1.3068	1116	-1051	1.3002	-0.0066	-0.0048
4	1027	-1018	1.2270	1043	-1009	1.2312	0.0042	0.0018
6	738	-733	0.8826	756	-718	0.8844	0.0018	-0.0024
8	382	-379	0.4566	401	-368	0.4614	0.0048	-0.0042
10	53	-47	0.0600	73	-34	0.0642	0.0042	-0.0090
12	-198	219	-0.2502	-191	233	-0.2544	-0.0042	-0.0132
14	-312	338	-0.3900	-296	347	-0.3858	0.0042	-0.0090
16	-359	395	-0.4524	-342	408	-0.4500	0.0024	-0.0132
18	-323	359	-0.4092	-307	373	-0.4080	0.0012	-0.0156
20	-275	313	-0.3528	-259	325	-0.3504	0.0024	-0.0168
22	-248	287	-0.3210	-233	301	-0.3204	0.0006	-0.0192
24	-203	239	-0.2652	-187	250	-0.2622	0.0030	-0.0198
26	-126	167	-0.1758	-114	181	-0.1770	-0.0012	-0.0228
28	-73	115	-0.1128	-66	131	-0.1182	-0.0054	-0.0216
30	-53	94	-0.0882	-43	97	-0.0840	0.0042	-0.0162
32	66	-45	0.0666	71	-34	0.0630	-0.0036	-0.0204
34	246	-224	0.2820	253	-209	0.2772	-0.0048	-0.0168
36	397	-361	0.4548	409	-345	0.4524	-0.0024	-0.0120
38	495	-462	0.5742	505	-443	0.5688	-0.0054	-0.0096
40	554	-519	0.6438	566	-501	0.6402	-0.0036	-0.0042
42	529	-490	0.6114	538	-474	0.6072	-0.0042	-0.0006
44	497	-458	0.5730	506	-443	0.5694	-0.0036	0.0036
46	470	-428	0.5388	480	-415	0.5370	-0.0018	0.0072
48	439	-402	0.5046	449	-388	0.5022	-0.0024	0.0090
50	395	-366	0.4566	410	-348	0.4548	-0.0018	0.0114
52	308	-277	0.3510	323	-265	0.3528	0.0018	0.0132
54	298	-263	0.3366	313	-249	0.3372	0.0006	0.0114
56	281	-242	0.3138	295	-234	0.3174	0.0036	0.0108
58	259	-222	0.2886	271	-210	0.2886	0.0000	0.0072
60	211	-207	0.2508	242	-188	0.2580	0.0072	0.0072
62	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS20  
**DESCRIPTION**

**CURRENT SURVEY** 1/12/2010 12:20:00 PM

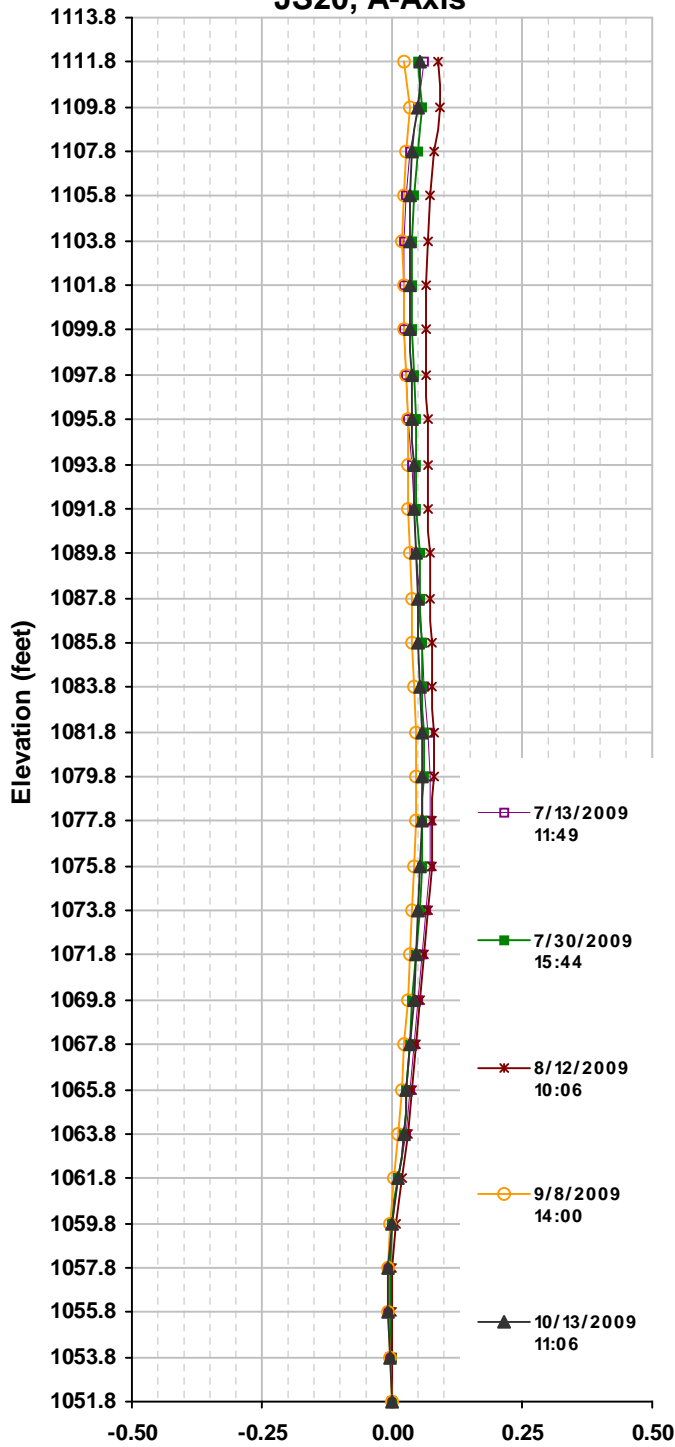
**INITIAL SURVEY** 5/19/2009 9:05:35 AM

**DATE PRINTED** 1/13/2010 3:46:00 PM

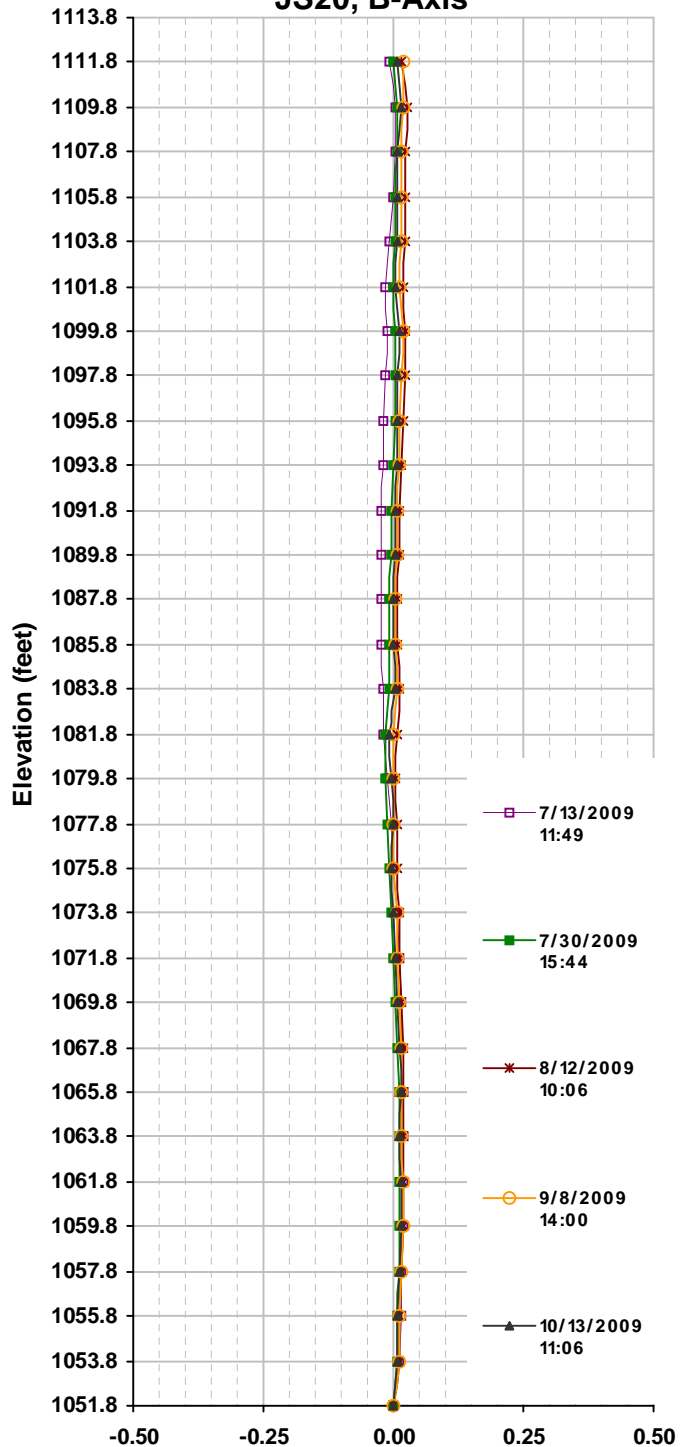
Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	1100	-1078	1.3068	1060	-1085	1.2870	-0.0198	0.1020
4	1027	-1018	1.2270	1024	-1041	1.2390	0.0120	0.1218
6	738	-733	0.8826	747	-746	0.8958	0.0132	0.1098
8	382	-379	0.4566	386	-392	0.4668	0.0102	0.0966
10	53	-47	0.0600	60	-59	0.0714	0.0114	0.0864
12	-198	219	-0.2502	-209	216	-0.2550	-0.0048	0.0750
14	-312	338	-0.3900	-335	314	-0.3894	0.0006	0.0798
16	-359	395	-0.4524	-378	349	-0.4362	0.0162	0.0792
18	-323	359	-0.4092	-339	321	-0.3960	0.0132	0.0630
20	-275	313	-0.3528	-295	271	-0.3396	0.0132	0.0498
22	-248	287	-0.3210	-271	244	-0.3090	0.0120	0.0366
24	-203	239	-0.2652	-220	201	-0.2526	0.0126	0.0246
26	-126	167	-0.1758	-152	124	-0.1656	0.0102	0.0120
28	-73	115	-0.1128	-107	78	-0.1110	0.0018	0.0018
30	-53	94	-0.0882	-71	55	-0.0756	0.0126	0.0000
32	66	-45	0.0666	64	-51	0.0690	0.0024	-0.0126
34	246	-224	0.2820	235	-237	0.2832	0.0012	-0.0150
36	397	-361	0.4548	376	-394	0.4620	0.0072	-0.0162
38	495	-462	0.5742	474	-491	0.5790	0.0048	-0.0234
40	554	-519	0.6438	520	-547	0.6402	-0.0036	-0.0282
42	529	-490	0.6114	484	-514	0.5988	-0.0126	-0.0246
44	497	-458	0.5730	455	-480	0.5610	-0.0120	-0.0120
46	470	-428	0.5388	427	-458	0.5310	-0.0078	0.0000
48	439	-402	0.5046	401	-426	0.4962	-0.0084	0.0078
50	395	-366	0.4566	361	-385	0.4476	-0.0090	0.0162
52	308	-277	0.3510	281	-312	0.3558	0.0048	0.0252
54	298	-263	0.3366	264	-293	0.3342	-0.0024	0.0204
56	281	-242	0.3138	251	-281	0.3192	0.0054	0.0228
58	259	-222	0.2886	227	-257	0.2904	0.0018	0.0174
60	211	-207	0.2508	217	-227	0.2664	0.0156	0.0156
62	0	0	0.0000	0	0	0.0000	0.0000	0.0000

JS20, A-Axis

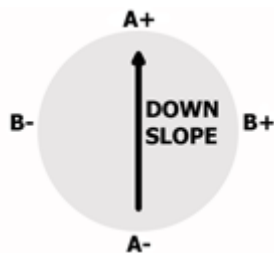


JS20, B-Axis



Cumulative Displacement (in) from 5/19/2009

Cumulative Displacement (in) from 5/19/2009



John Sevier Fossil Plant

Rogersville, TN

175569038

10/15/2009

**SITE** JSF  
**INSTALLATION** JS20  
**DESCRIPTION**

**CURRENT SURVEY** 7/13/2009 11:49:32 AM

**INITIAL SURVEY** 5/19/2009 9:05:35 AM

**DATE PRINTED** 10/15/2009 10:20:12 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-175	187	-0.2172	-167	173	-0.2040	0.0132	0.0630
4	-193	207	-0.2400	-186	190	-0.2256	0.0144	0.0498
6	-267	289	-0.3336	-264	278	-0.3252	0.0084	0.0354
8	-333	355	-0.4128	-335	345	-0.4080	0.0048	0.0270
10	-382	406	-0.4728	-390	398	-0.4728	0.0000	0.0222
12	-412	437	-0.5094	-422	429	-0.5106	-0.0012	0.0222
14	-417	439	-0.5136	-427	433	-0.5160	-0.0024	0.0234
16	-332	358	-0.4140	-345	354	-0.4194	-0.0054	0.0258
18	-163	186	-0.2094	-177	182	-0.2154	-0.0060	0.0312
20	-36	59	-0.0570	-48	54	-0.0612	-0.0042	0.0372
22	94	-68	0.0972	79	-73	0.0912	-0.0060	0.0414
24	265	-245	0.3060	252	-248	0.3000	-0.0060	0.0474
26	409	-382	0.4746	395	-388	0.4698	-0.0048	0.0534
28	563	-540	0.6618	550	-545	0.6570	-0.0048	0.0582
30	702	-677	0.8274	689	-682	0.8226	-0.0048	0.0630
32	825	-799	0.9744	813	-805	0.9708	-0.0036	0.0678
34	901	-876	1.0662	890	-885	1.0650	-0.0012	0.0714
36	897	-872	1.0614	890	-881	1.0626	0.0012	0.0726
38	891	-866	1.0542	886	-878	1.0584	0.0042	0.0714
40	786	-763	0.9294	785	-777	0.9372	0.0078	0.0672
42	594	-569	0.6978	594	-583	0.7062	0.0084	0.0594
44	404	-381	0.4710	403	-395	0.4788	0.0078	0.0510
46	249	-223	0.2832	249	-237	0.2916	0.0084	0.0432
48	69	-47	0.0696	70	-61	0.0786	0.0090	0.0348
50	-135	155	-0.1740	-130	139	-0.1614	0.0126	0.0258
52	-368	392	-0.4560	-365	375	-0.4440	0.0120	0.0132
54	-572	594	-0.6996	-573	580	-0.6918	0.0078	0.0012
56	-623	650	-0.7638	-631	642	-0.7638	0.0000	-0.0066
58	-546	570	-0.6696	-559	564	-0.6738	-0.0042	-0.0066
60	-466	490	-0.5736	-477	483	-0.5760	-0.0024	-0.0024
62	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS20  
**DESCRIPTION**

**CURRENT SURVEY** 7/30/2009 3:44:01 PM

**INITIAL SURVEY** 5/19/2009 9:05:35 AM

**DATE PRINTED** 10/15/2009 10:20:12 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-175	187	-0.2172	-184	187	-0.2226	-0.0054	0.0516
4	-193	207	-0.2400	-194	192	-0.2316	0.0084	0.0570
6	-267	289	-0.3336	-266	280	-0.3276	0.0060	0.0486
8	-333	355	-0.4128	-338	345	-0.4098	0.0030	0.0426
10	-382	406	-0.4728	-389	398	-0.4722	0.0006	0.0396
12	-412	437	-0.5094	-421	430	-0.5106	-0.0012	0.0390
14	-417	439	-0.5136	-426	433	-0.5154	-0.0018	0.0402
16	-332	358	-0.4140	-342	352	-0.4164	-0.0024	0.0420
18	-163	186	-0.2094	-173	178	-0.2106	-0.0012	0.0444
20	-36	59	-0.0570	-46	53	-0.0594	-0.0024	0.0456
22	94	-68	0.0972	82	-73	0.0930	-0.0042	0.0480
24	265	-245	0.3060	255	-251	0.3036	-0.0024	0.0522
26	409	-382	0.4746	397	-389	0.4716	-0.0030	0.0546
28	563	-540	0.6618	554	-546	0.6600	-0.0018	0.0576
30	702	-677	0.8274	691	-686	0.8262	-0.0012	0.0594
32	825	-799	0.9744	816	-808	0.9744	0.0000	0.0606
34	901	-876	1.0662	893	-886	1.0674	0.0012	0.0606
36	897	-872	1.0614	891	-881	1.0632	0.0018	0.0594
38	891	-866	1.0542	886	-878	1.0584	0.0042	0.0576
40	786	-763	0.9294	784	-776	0.9360	0.0066	0.0534
42	594	-569	0.6978	592	-583	0.7050	0.0072	0.0468
44	404	-381	0.4710	401	-394	0.4770	0.0060	0.0396
46	249	-223	0.2832	246	-236	0.2892	0.0060	0.0336
48	69	-47	0.0696	65	-61	0.0756	0.0060	0.0276
50	-135	155	-0.1740	-133	139	-0.1632	0.0108	0.0216
52	-368	392	-0.4560	-369	376	-0.4470	0.0090	0.0108
54	-572	594	-0.6996	-574	581	-0.6930	0.0066	0.0018
56	-623	650	-0.7638	-632	641	-0.7638	0.0000	-0.0048
58	-546	570	-0.6696	-558	564	-0.6732	-0.0036	-0.0048
60	-466	490	-0.5736	-475	483	-0.5748	-0.0012	-0.0012
62	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS20  
**DESCRIPTION**

**CURRENT SURVEY** 8/12/2009 10:06:20 AM

**INITIAL SURVEY** 5/19/2009 9:05:35 AM

**DATE PRINTED** 10/15/2009 10:20:12 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-175	187	-0.2172	-185	187	-0.2232	-0.0060	0.0870
4	-193	207	-0.2400	-193	189	-0.2292	0.0108	0.0930
6	-267	289	-0.3336	-263	278	-0.3246	0.0090	0.0822
8	-333	355	-0.4128	-337	342	-0.4074	0.0054	0.0732
10	-382	406	-0.4728	-389	398	-0.4722	0.0006	0.0678
12	-412	437	-0.5094	-421	427	-0.5088	0.0006	0.0672
14	-417	439	-0.5136	-425	431	-0.5136	0.0000	0.0666
16	-332	358	-0.4140	-342	351	-0.4158	-0.0018	0.0666
18	-163	186	-0.2094	-172	178	-0.2100	-0.0006	0.0684
20	-36	59	-0.0570	-45	51	-0.0576	-0.0006	0.0690
22	94	-68	0.0972	83	-75	0.0948	-0.0024	0.0696
24	265	-245	0.3060	256	-251	0.3042	-0.0018	0.0720
26	409	-382	0.4746	398	-390	0.4728	-0.0018	0.0738
28	563	-540	0.6618	552	-547	0.6594	-0.0024	0.0756
30	702	-677	0.8274	691	-686	0.8262	-0.0012	0.0780
32	825	-799	0.9744	815	-808	0.9738	-0.0006	0.0792
34	901	-876	1.0662	894	-887	1.0686	0.0024	0.0798
36	897	-872	1.0614	891	-882	1.0638	0.0024	0.0774
38	891	-866	1.0542	886	-880	1.0596	0.0054	0.0750
40	786	-763	0.9294	783	-778	0.9366	0.0072	0.0696
42	594	-569	0.6978	591	-584	0.7050	0.0072	0.0624
44	404	-381	0.4710	401	-397	0.4788	0.0078	0.0552
46	249	-223	0.2832	247	-239	0.2916	0.0084	0.0474
48	69	-47	0.0696	66	-64	0.0780	0.0084	0.0390
50	-135	155	-0.1740	-133	137	-0.1620	0.0120	0.0306
52	-368	392	-0.4560	-369	374	-0.4458	0.0102	0.0186
54	-572	594	-0.6996	-574	578	-0.6912	0.0084	0.0084
56	-623	650	-0.7638	-631	639	-0.7620	0.0018	0.0000
58	-546	570	-0.6696	-557	562	-0.6714	-0.0018	-0.0018
60	-466	490	-0.5736	-475	481	-0.5736	0.0000	0.0000
62	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS20  
**DESCRIPTION**

**CURRENT SURVEY** 9/8/2009 2:00:16 PM

**INITIAL SURVEY** 5/19/2009 9:05:35 AM

**DATE PRINTED** 10/15/2009 10:20:13 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-175	187	-0.2172	-189	196	-0.2310	-0.0138	0.0222
4	-193	207	-0.2400	-193	193	-0.2316	0.0084	0.0360
6	-267	289	-0.3336	-267	282	-0.3294	0.0042	0.0276
8	-333	355	-0.4128	-338	346	-0.4104	0.0024	0.0234
10	-382	406	-0.4728	-389	401	-0.4740	-0.0012	0.0210
12	-412	437	-0.5094	-421	431	-0.5112	-0.0018	0.0222
14	-417	439	-0.5136	-425	435	-0.5160	-0.0024	0.0240
16	-332	358	-0.4140	-341	354	-0.4170	-0.0030	0.0264
18	-163	186	-0.2094	-171	179	-0.2100	-0.0006	0.0294
20	-36	59	-0.0570	-45	54	-0.0594	-0.0024	0.0300
22	94	-68	0.0972	83	-73	0.0936	-0.0036	0.0324
24	265	-245	0.3060	256	-251	0.3042	-0.0018	0.0360
26	409	-382	0.4746	399	-388	0.4722	-0.0024	0.0378
28	563	-540	0.6618	552	-546	0.6588	-0.0030	0.0402
30	702	-677	0.8274	692	-683	0.8250	-0.0024	0.0432
32	825	-799	0.9744	815	-806	0.9726	-0.0018	0.0456
34	901	-876	1.0662	894	-885	1.0674	0.0012	0.0474
36	897	-872	1.0614	892	-881	1.0638	0.0024	0.0462
38	891	-866	1.0542	887	-878	1.0590	0.0048	0.0438
40	786	-763	0.9294	782	-774	0.9336	0.0042	0.0390
42	594	-569	0.6978	591	-581	0.7032	0.0054	0.0348
44	404	-381	0.4710	402	-392	0.4764	0.0054	0.0294
46	249	-223	0.2832	248	-234	0.2892	0.0060	0.0240
48	69	-47	0.0696	66	-58	0.0744	0.0048	0.0180
50	-135	155	-0.1740	-134	142	-0.1656	0.0084	0.0132
52	-368	392	-0.4560	-370	378	-0.4488	0.0072	0.0048
54	-572	594	-0.6996	-575	583	-0.6948	0.0048	-0.0024
56	-623	650	-0.7638	-631	643	-0.7644	-0.0006	-0.0072
58	-546	570	-0.6696	-558	565	-0.6738	-0.0042	-0.0066
60	-466	490	-0.5736	-475	485	-0.5760	-0.0024	-0.0024
62	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS20  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 11:06:00 AM

**INITIAL SURVEY** 5/19/2009 9:05:35 AM

**DATE PRINTED** 10/15/2009 10:20:13 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-175	187	-0.2172	-173	182	-0.2130	0.0042	0.0540
4	-193	207	-0.2400	-190	193	-0.2298	0.0102	0.0498
6	-267	289	-0.3336	-265	283	-0.3288	0.0048	0.0396
8	-333	355	-0.4128	-337	348	-0.4110	0.0018	0.0348
10	-382	406	-0.4728	-387	402	-0.4734	-0.0006	0.0330
12	-412	437	-0.5094	-419	432	-0.5106	-0.0012	0.0336
14	-417	439	-0.5136	-423	437	-0.5160	-0.0024	0.0348
16	-332	358	-0.4140	-339	355	-0.4164	-0.0024	0.0372
18	-163	186	-0.2094	-170	182	-0.2112	-0.0018	0.0396
20	-36	59	-0.0570	-43	56	-0.0594	-0.0024	0.0414
22	94	-68	0.0972	86	-70	0.0936	-0.0036	0.0438
24	265	-245	0.3060	259	-249	0.3048	-0.0012	0.0474
26	409	-382	0.4746	401	-386	0.4722	-0.0024	0.0486
28	563	-540	0.6618	555	-542	0.6582	-0.0036	0.0510
30	702	-677	0.8274	695	-682	0.8262	-0.0012	0.0546
32	825	-799	0.9744	818	-803	0.9726	-0.0018	0.0558
34	901	-876	1.0662	897	-882	1.0674	0.0012	0.0576
36	897	-872	1.0614	895	-876	1.0626	0.0012	0.0564
38	891	-866	1.0542	889	-874	1.0578	0.0036	0.0552
40	786	-763	0.9294	785	-773	0.9348	0.0054	0.0516
42	594	-569	0.6978	593	-578	0.7026	0.0048	0.0462
44	404	-381	0.4710	405	-391	0.4776	0.0066	0.0414
46	249	-223	0.2832	250	-233	0.2898	0.0066	0.0348
48	69	-47	0.0696	69	-57	0.0756	0.0060	0.0282
50	-135	155	-0.1740	-129	144	-0.1638	0.0102	0.0222
52	-368	392	-0.4560	-363	379	-0.4452	0.0108	0.0120
54	-572	594	-0.6996	-570	583	-0.6918	0.0078	0.0012
56	-623	650	-0.7638	-629	645	-0.7644	-0.0006	-0.0066
58	-546	570	-0.6696	-555	567	-0.6732	-0.0036	-0.0060
60	-466	490	-0.5736	-473	487	-0.5760	-0.0024	-0.0024
62	0	0	0.0000	0	0	0.0000	0.0000	0.0000



**SITE** JSF  
**INSTALLATION** JS20  
**DESCRIPTION**

**CURRENT SURVEY** 7/13/2009 11:49:32 AM

**INITIAL SURVEY** 5/19/2009 9:05:35 AM

**DATE PRINTED** 10/15/2009 10:20:20 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	1100	-1078	1.3068	1113	-1051	1.2984	-0.0084	-0.0060
4	1027	-1018	1.2270	1037	-1007	1.2264	-0.0006	0.0024
6	738	-733	0.8826	757	-718	0.8850	0.0024	0.0030
8	382	-379	0.4566	406	-371	0.4662	0.0096	0.0006
10	53	-47	0.0600	76	-35	0.0666	0.0066	-0.0090
12	-198	219	-0.2502	-191	231	-0.2532	-0.0030	-0.0156
14	-312	338	-0.3900	-295	350	-0.3870	0.0030	-0.0126
16	-359	395	-0.4524	-344	402	-0.4476	0.0048	-0.0156
18	-323	359	-0.4092	-311	371	-0.4092	0.0000	-0.0204
20	-275	313	-0.3528	-260	324	-0.3504	0.0024	-0.0204
22	-248	287	-0.3210	-237	299	-0.3216	-0.0006	-0.0228
24	-203	239	-0.2652	-189	250	-0.2634	0.0018	-0.0222
26	-126	167	-0.1758	-116	179	-0.1770	-0.0012	-0.0240
28	-73	115	-0.1128	-65	128	-0.1158	-0.0030	-0.0228
30	-53	94	-0.0882	-44	102	-0.0876	0.0006	-0.0198
32	66	-45	0.0666	66	-32	0.0588	-0.0078	-0.0204
34	246	-224	0.2820	250	-207	0.2742	-0.0078	-0.0126
36	397	-361	0.4548	402	-347	0.4494	-0.0054	-0.0048
38	495	-462	0.5742	502	-444	0.5676	-0.0066	0.0006
40	554	-519	0.6438	564	-502	0.6396	-0.0042	0.0072
42	529	-490	0.6114	538	-475	0.6078	-0.0036	0.0114
44	497	-458	0.5730	506	-447	0.5718	-0.0012	0.0150
46	470	-428	0.5388	477	-417	0.5364	-0.0024	0.0162
48	439	-402	0.5046	451	-391	0.5052	0.0006	0.0186
50	395	-366	0.4566	410	-350	0.4560	-0.0006	0.0180
52	308	-277	0.3510	322	-265	0.3522	0.0012	0.0186
54	298	-263	0.3366	312	-251	0.3378	0.0012	0.0174
56	281	-242	0.3138	295	-232	0.3162	0.0024	0.0162
58	259	-222	0.2886	272	-211	0.2898	0.0012	0.0138
60	211	-207	0.2508	246	-193	0.2634	0.0126	0.0126
62	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS20  
**DESCRIPTION**

**CURRENT SURVEY** 7/30/2009 3:44:01 PM

**INITIAL SURVEY** 5/19/2009 9:05:35 AM

**DATE PRINTED** 10/15/2009 10:20:20 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	1100	-1078	1.3068	1112	-1052	1.2984	-0.0084	0.0006
4	1027	-1018	1.2270	1038	-1009	1.2282	0.0012	0.0090
6	738	-733	0.8826	754	-721	0.8850	0.0024	0.0078
8	382	-379	0.4566	398	-366	0.4584	0.0018	0.0054
10	53	-47	0.0600	72	-33	0.0630	0.0030	0.0036
12	-198	219	-0.2502	-192	233	-0.2550	-0.0048	0.0006
14	-312	338	-0.3900	-298	351	-0.3894	0.0006	0.0054
16	-359	395	-0.4524	-345	405	-0.4500	0.0024	0.0048
18	-323	359	-0.4092	-309	370	-0.4074	0.0018	0.0024
20	-275	313	-0.3528	-260	323	-0.3498	0.0030	0.0006
22	-248	287	-0.3210	-235	299	-0.3204	0.0006	-0.0024
24	-203	239	-0.2652	-188	247	-0.2610	0.0042	-0.0030
26	-126	167	-0.1758	-114	179	-0.1758	0.0000	-0.0072
28	-73	115	-0.1128	-65	121	-0.1116	0.0012	-0.0072
30	-53	94	-0.0882	-43	94	-0.0822	0.0060	-0.0084
32	66	-45	0.0666	74	-38	0.0672	0.0006	-0.0144
34	246	-224	0.2820	253	-213	0.2796	-0.0024	-0.0150
36	397	-361	0.4548	406	-347	0.4518	-0.0030	-0.0126
38	495	-462	0.5742	501	-446	0.5682	-0.0060	-0.0096
40	554	-519	0.6438	562	-504	0.6396	-0.0042	-0.0036
42	529	-490	0.6114	537	-475	0.6072	-0.0042	0.0006
44	497	-458	0.5730	505	-444	0.5694	-0.0036	0.0048
46	470	-428	0.5388	478	-416	0.5364	-0.0024	0.0084
48	439	-402	0.5046	448	-390	0.5028	-0.0018	0.0108
50	395	-366	0.4566	409	-351	0.4560	-0.0006	0.0126
52	308	-277	0.3510	319	-266	0.3510	0.0000	0.0132
54	298	-263	0.3366	311	-252	0.3378	0.0012	0.0132
56	281	-242	0.3138	295	-233	0.3168	0.0030	0.0120
58	259	-222	0.2886	271	-211	0.2892	0.0006	0.0090
60	211	-207	0.2508	241	-191	0.2592	0.0084	0.0084
62	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS20  
**DESCRIPTION**

**CURRENT SURVEY** 8/12/2009 10:06:20 AM

**INITIAL SURVEY** 5/19/2009 9:05:35 AM

**DATE PRINTED** 10/15/2009 10:20:20 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	1100	-1078	1.3068	1109	-1050	1.2954	-0.0114	0.0150
4	1027	-1018	1.2270	1041	-1008	1.2294	0.0024	0.0264
6	738	-733	0.8826	755	-715	0.8820	-0.0006	0.0240
8	382	-379	0.4566	401	-365	0.4596	0.0030	0.0246
10	53	-47	0.0600	72	-33	0.0630	0.0030	0.0216
12	-198	219	-0.2502	-190	235	-0.2550	-0.0048	0.0186
14	-312	338	-0.3900	-296	353	-0.3894	0.0006	0.0234
16	-359	395	-0.4524	-343	405	-0.4488	0.0036	0.0228
18	-323	359	-0.4092	-306	371	-0.4062	0.0030	0.0192
20	-275	313	-0.3528	-258	325	-0.3498	0.0030	0.0162
22	-248	287	-0.3210	-233	299	-0.3192	0.0018	0.0132
24	-203	239	-0.2652	-187	249	-0.2616	0.0036	0.0114
26	-126	167	-0.1758	-110	181	-0.1746	0.0012	0.0078
28	-73	115	-0.1128	-63	132	-0.1170	-0.0042	0.0066
30	-53	94	-0.0882	-41	98	-0.0834	0.0048	0.0108
32	66	-45	0.0666	77	-36	0.0678	0.0012	0.0060
34	246	-224	0.2820	255	-211	0.2796	-0.0024	0.0048
36	397	-361	0.4548	409	-347	0.4536	-0.0012	0.0072
38	495	-462	0.5742	506	-445	0.5706	-0.0036	0.0084
40	554	-519	0.6438	569	-502	0.6426	-0.0012	0.0120
42	529	-490	0.6114	541	-473	0.6084	-0.0030	0.0132
44	497	-458	0.5730	509	-442	0.5706	-0.0024	0.0162
46	470	-428	0.5388	481	-415	0.5376	-0.0012	0.0186
48	439	-402	0.5046	452	-390	0.5052	0.0006	0.0198
50	395	-366	0.4566	410	-351	0.4566	0.0000	0.0192
52	308	-277	0.3510	322	-265	0.3522	0.0012	0.0192
54	298	-263	0.3366	314	-251	0.3390	0.0024	0.0180
56	281	-242	0.3138	298	-231	0.3174	0.0036	0.0156
58	259	-222	0.2886	274	-210	0.2904	0.0018	0.0120
60	211	-207	0.2508	245	-190	0.2610	0.0102	0.0102
62	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS20  
**DESCRIPTION**

**CURRENT SURVEY** 9/8/2009 2:00:16 PM

**INITIAL SURVEY** 5/19/2009 9:05:35 AM

**DATE PRINTED** 10/15/2009 10:20:20 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	1100	-1078	1.3068	1121	-1054	1.3050	-0.0018	0.0186
4	1027	-1018	1.2270	1043	-1009	1.2312	0.0042	0.0204
6	738	-733	0.8826	755	-717	0.8832	0.0006	0.0162
8	382	-379	0.4566	400	-363	0.4578	0.0012	0.0156
10	53	-47	0.0600	73	-31	0.0624	0.0024	0.0144
12	-198	219	-0.2502	-189	238	-0.2562	-0.0060	0.0120
14	-312	338	-0.3900	-295	353	-0.3888	0.0012	0.0180
16	-359	395	-0.4524	-342	406	-0.4488	0.0036	0.0168
18	-323	359	-0.4092	-306	371	-0.4062	0.0030	0.0132
20	-275	313	-0.3528	-258	326	-0.3504	0.0024	0.0102
22	-248	287	-0.3210	-233	301	-0.3204	0.0006	0.0078
24	-203	239	-0.2652	-188	249	-0.2622	0.0030	0.0072
26	-126	167	-0.1758	-111	180	-0.1746	0.0012	0.0042
28	-73	115	-0.1128	-63	132	-0.1170	-0.0042	0.0030
30	-53	94	-0.0882	-41	94	-0.0810	0.0072	0.0072
32	66	-45	0.0666	76	-37	0.0678	0.0012	0.0000
34	246	-224	0.2820	257	-213	0.2820	0.0000	-0.0012
36	397	-361	0.4548	409	-344	0.4518	-0.0030	-0.0012
38	495	-462	0.5742	504	-444	0.5688	-0.0054	0.0018
40	554	-519	0.6438	567	-502	0.6414	-0.0024	0.0072
42	529	-490	0.6114	540	-473	0.6078	-0.0036	0.0096
44	497	-458	0.5730	508	-443	0.5706	-0.0024	0.0132
46	470	-428	0.5388	483	-414	0.5382	-0.0006	0.0156
48	439	-402	0.5046	453	-388	0.5046	0.0000	0.0162
50	395	-366	0.4566	409	-349	0.4548	-0.0018	0.0162
52	308	-277	0.3510	321	-265	0.3516	0.0006	0.0180
54	298	-263	0.3366	314	-249	0.3378	0.0012	0.0174
56	281	-242	0.3138	299	-230	0.3174	0.0036	0.0162
58	259	-222	0.2886	274	-210	0.2904	0.0018	0.0126
60	211	-207	0.2508	246	-190	0.2616	0.0108	0.0108
62	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS20  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 11:06:00 AM

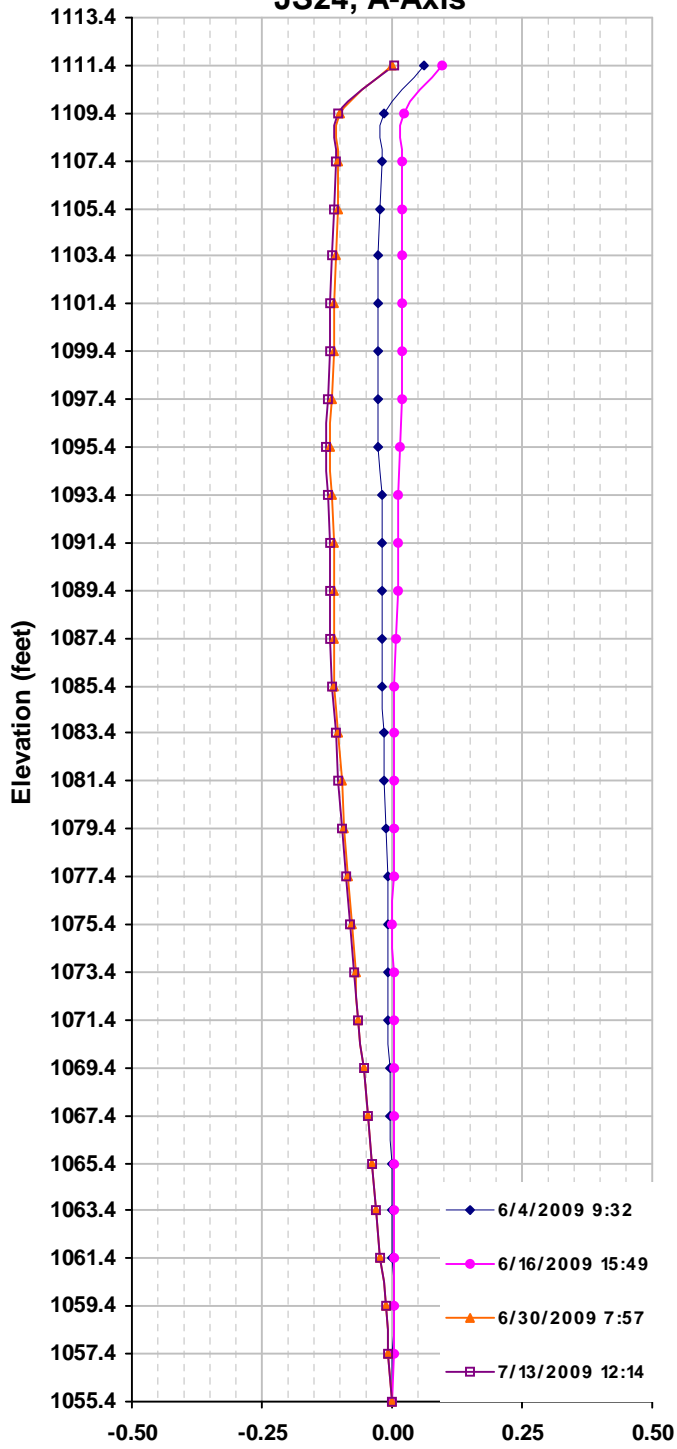
**INITIAL SURVEY** 5/19/2009 9:05:35 AM

**DATE PRINTED** 10/15/2009 10:20:20 AM

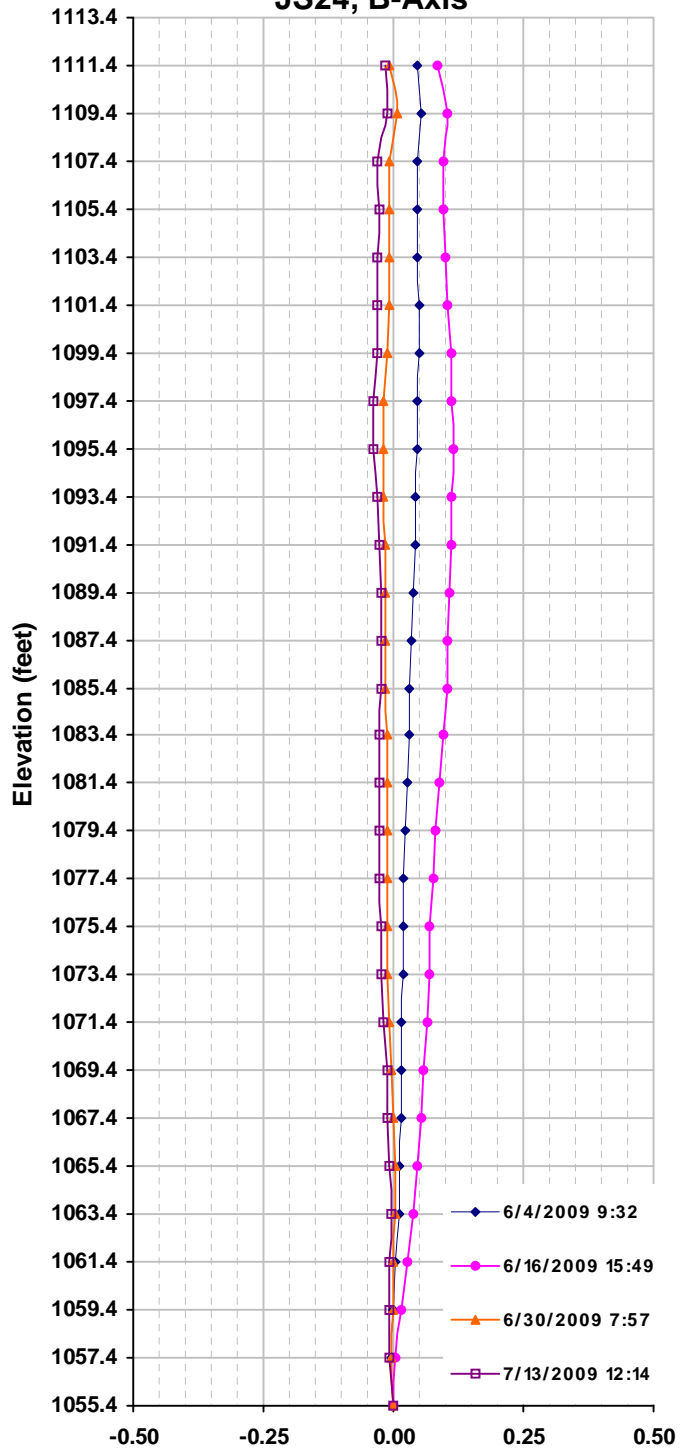
Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	1100	-1078	1.3068	1115	-1054	1.3014	-0.0054	0.0084
4	1027	-1018	1.2270	1038	-1014	1.2312	0.0042	0.0138
6	738	-733	0.8826	754	-722	0.8856	0.0030	0.0096
8	382	-379	0.4566	394	-368	0.4572	0.0006	0.0066
10	53	-47	0.0600	70	-33	0.0618	0.0018	0.0060
12	-198	219	-0.2502	-194	233	-0.2562	-0.0060	0.0042
14	-312	338	-0.3900	-299	350	-0.3894	0.0006	0.0102
16	-359	395	-0.4524	-347	405	-0.4512	0.0012	0.0096
18	-323	359	-0.4092	-311	369	-0.4080	0.0012	0.0084
20	-275	313	-0.3528	-262	323	-0.3510	0.0018	0.0072
22	-248	287	-0.3210	-236	297	-0.3198	0.0012	0.0054
24	-203	239	-0.2652	-188	246	-0.2604	0.0048	0.0042
26	-126	167	-0.1758	-115	177	-0.1752	0.0006	-0.0006
28	-73	115	-0.1128	-65	129	-0.1164	-0.0036	-0.0012
30	-53	94	-0.0882	-44	89	-0.0798	0.0084	0.0024
32	66	-45	0.0666	70	-39	0.0654	-0.0012	-0.0060
34	246	-224	0.2820	251	-214	0.2790	-0.0030	-0.0048
36	397	-361	0.4548	408	-351	0.4554	0.0006	-0.0018
38	495	-462	0.5742	503	-447	0.5700	-0.0042	-0.0024
40	554	-519	0.6438	565	-504	0.6414	-0.0024	0.0018
42	529	-490	0.6114	536	-475	0.6066	-0.0048	0.0042
44	497	-458	0.5730	503	-447	0.5700	-0.0030	0.0090
46	470	-428	0.5388	478	-417	0.5370	-0.0018	0.0120
48	439	-402	0.5046	450	-392	0.5052	0.0006	0.0138
50	395	-366	0.4566	408	-351	0.4554	-0.0012	0.0132
52	308	-277	0.3510	320	-266	0.3516	0.0006	0.0144
54	298	-263	0.3366	310	-253	0.3378	0.0012	0.0138
56	281	-242	0.3138	294	-234	0.3168	0.0030	0.0126
58	259	-222	0.2886	270	-212	0.2892	0.0006	0.0096
60	211	-207	0.2508	242	-191	0.2598	0.0090	0.0090
62	0	0	0.0000	0	0	0.0000	0.0000	0.0000

### JS24, A-Axis

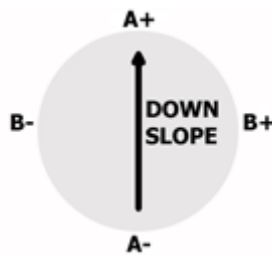


### JS24, B-Axis



Cumulative Displacement (in) from 5/19/2009

Cumulative Displacement (in) from 5/19/2009



John Sevier Fossil Plant

Rogersville, TN

175569038

7/16/2009

**SITE** JSF  
**INSTALLATION** JS24  
**DESCRIPTION**

**CURRENT SURVEY** 6/4/2009 9:32:46 AM

**INITIAL SURVEY** 5/19/2009 8:27:16 AM

**DATE PRINTED** 7/15/2009 7:48:09 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-146	167	-0.1878	-78	106	-0.1104	0.0774	0.0606
4	-150	179	-0.1974	-146	176	-0.1932	0.0042	-0.0168
6	-191	214	-0.2430	-190	213	-0.2418	0.0012	-0.0210
8	-335	359	-0.4164	-333	356	-0.4134	0.0030	-0.0222
10	-436	461	-0.5382	-436	459	-0.5370	0.0012	-0.0252
12	-466	489	-0.5730	-466	490	-0.5736	-0.0006	-0.0264
14	-479	507	-0.5916	-480	506	-0.5916	0.0000	-0.0258
16	-418	441	-0.5154	-418	441	-0.5154	0.0000	-0.0258
18	-298	322	-0.3720	-303	326	-0.3774	-0.0054	-0.0258
20	-127	152	-0.1674	-130	153	-0.1698	-0.0024	-0.0204
22	-92	117	-0.1254	-92	117	-0.1254	0.0000	-0.0180
24	-68	93	-0.0966	-66	94	-0.0960	0.0006	-0.0180
26	-22	49	-0.0426	-24	45	-0.0414	0.0012	-0.0186
28	23	5	0.0108	18	6	0.0072	-0.0036	-0.0198
30	205	-181	0.2316	203	-180	0.2298	-0.0018	-0.0162
32	252	-227	0.2874	250	-225	0.2850	-0.0024	-0.0144
34	321	-293	0.3684	318	-292	0.3660	-0.0024	-0.0120
36	347	-323	0.4020	346	-324	0.4020	0.0000	-0.0096
38	357	-330	0.4122	354	-329	0.4098	-0.0024	-0.0096
40	428	-402	0.4980	427	-403	0.4980	0.0000	-0.0072
42	451	-425	0.5256	446	-424	0.5220	-0.0036	-0.0072
44	502	-475	0.5862	501	-474	0.5850	-0.0012	-0.0036
46	525	-501	0.6156	523	-501	0.6144	-0.0012	-0.0024
48	547	-518	0.6390	543	-517	0.6360	-0.0030	-0.0012
50	613	-590	0.7218	616	-589	0.7230	0.0012	0.0018
52	646	-621	0.7602	643	-619	0.7572	-0.0030	0.0006
54	651	-624	0.7650	653	-626	0.7674	0.0024	0.0036
56	605	-582	0.7122	606	-583	0.7134	0.0012	0.0012
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS24  
**DESCRIPTION**

**CURRENT SURVEY** 6/16/2009 3:49:00 PM  
**INITIAL SURVEY** 5/19/2009 8:27:16 AM  
**DATE PRINTED** 7/15/2009 7:48:09 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-146	167	-0.1878	-105	87	-0.1152	0.0726	0.0948
4	-150	179	-0.1974	-166	155	-0.1926	0.0048	0.0222
6	-191	214	-0.2430	-212	196	-0.2448	-0.0018	0.0174
8	-335	359	-0.4164	-355	340	-0.4170	-0.0006	0.0192
10	-436	461	-0.5382	-455	441	-0.5376	0.0006	0.0198
12	-466	489	-0.5730	-485	469	-0.5724	0.0006	0.0192
14	-479	507	-0.5916	-499	485	-0.5904	0.0012	0.0186
16	-418	441	-0.5154	-435	419	-0.5124	0.0030	0.0174
18	-298	322	-0.3720	-316	301	-0.3702	0.0018	0.0144
20	-127	152	-0.1674	-147	131	-0.1668	0.0006	0.0126
22	-92	117	-0.1254	-112	96	-0.1248	0.0006	0.0120
24	-68	93	-0.0966	-85	71	-0.0936	0.0030	0.0114
26	-22	49	-0.0426	-41	25	-0.0396	0.0030	0.0084
28	23	5	0.0108	2	-17	0.0114	0.0006	0.0054
30	205	-181	0.2316	186	-201	0.2322	0.0006	0.0048
32	252	-227	0.2874	231	-250	0.2886	0.0012	0.0042
34	321	-293	0.3684	300	-315	0.3690	0.0006	0.0030
36	347	-323	0.4020	327	-344	0.4026	0.0006	0.0024
38	357	-330	0.4122	335	-349	0.4104	-0.0018	0.0018
40	428	-402	0.4980	408	-422	0.4980	0.0000	0.0036
42	451	-425	0.5256	428	-445	0.5238	-0.0018	0.0036
44	502	-475	0.5862	484	-497	0.5886	0.0024	0.0054
46	525	-501	0.6156	505	-522	0.6162	0.0006	0.0030
48	547	-518	0.6390	525	-537	0.6372	-0.0018	0.0024
50	613	-590	0.7218	594	-609	0.7218	0.0000	0.0042
52	646	-621	0.7602	624	-641	0.7590	-0.0012	0.0042
54	651	-624	0.7650	634	-646	0.7680	0.0030	0.0054
56	605	-582	0.7122	589	-602	0.7146	0.0024	0.0024
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000



**SITE** JSF  
**INSTALLATION** JS24  
**DESCRIPTION**

**CURRENT SURVEY** 6/30/2009 7:57:29 AM

**INITIAL SURVEY** 5/19/2009 8:27:16 AM

**DATE PRINTED** 7/15/2009 7:48:10 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-146	167	-0.1878	-72	77	-0.0894	0.0984	-0.0012
4	-150	179	-0.1974	-156	166	-0.1932	0.0042	-0.0996
6	-191	214	-0.2430	-199	203	-0.2412	0.0018	-0.1038
8	-335	359	-0.4164	-342	347	-0.4134	0.0030	-0.1056
10	-436	461	-0.5382	-444	449	-0.5358	0.0024	-0.1086
12	-466	489	-0.5730	-473	479	-0.5712	0.0018	-0.1110
14	-479	507	-0.5916	-486	494	-0.5880	0.0036	-0.1128
16	-418	441	-0.5154	-426	430	-0.5136	0.0018	-0.1164
18	-298	322	-0.3720	-309	317	-0.3756	-0.0036	-0.1182
20	-127	152	-0.1674	-138	144	-0.1692	-0.0018	-0.1146
22	-92	117	-0.1254	-101	109	-0.1260	-0.0006	-0.1128
24	-68	93	-0.0966	-77	86	-0.0978	-0.0012	-0.1122
26	-22	49	-0.0426	-33	39	-0.0432	-0.0006	-0.1110
28	23	5	0.0108	6	2	0.0024	-0.0084	-0.1104
30	205	-181	0.2316	193	-185	0.2268	-0.0048	-0.1020
32	252	-227	0.2874	239	-230	0.2814	-0.0060	-0.0972
34	321	-293	0.3684	305	-297	0.3612	-0.0072	-0.0912
36	347	-323	0.4020	333	-327	0.3960	-0.0060	-0.0840
38	357	-330	0.4122	342	-333	0.4050	-0.0072	-0.0780
40	428	-402	0.4980	413	-405	0.4908	-0.0072	-0.0708
42	451	-425	0.5256	432	-425	0.5142	-0.0114	-0.0636
44	502	-475	0.5862	487	-477	0.5784	-0.0078	-0.0522
46	525	-501	0.6156	511	-504	0.6090	-0.0066	-0.0444
48	547	-518	0.6390	530	-521	0.6306	-0.0084	-0.0378
50	613	-590	0.7218	603	-591	0.7164	-0.0054	-0.0294
52	646	-621	0.7602	629	-619	0.7488	-0.0114	-0.0240
54	651	-624	0.7650	637	-627	0.7584	-0.0066	-0.0126
56	605	-582	0.7122	593	-584	0.7062	-0.0060	-0.0060
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS24  
**DESCRIPTION**

**CURRENT SURVEY** 7/13/2009 12:14:33 PM

**INITIAL SURVEY** 5/19/2009 8:27:16 AM

**DATE PRINTED** 7/15/2009 7:48:10 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-146	167	-0.1878	-66	69	-0.0810	0.1068	0.0024
4	-150	179	-0.1974	-155	166	-0.1926	0.0048	-0.1044
6	-191	214	-0.2430	-198	203	-0.2406	0.0024	-0.1092
8	-335	359	-0.4164	-341	347	-0.4128	0.0036	-0.1116
10	-436	461	-0.5382	-444	449	-0.5358	0.0024	-0.1152
12	-466	489	-0.5730	-473	479	-0.5712	0.0018	-0.1176
14	-479	507	-0.5916	-485	494	-0.5874	0.0042	-0.1194
16	-418	441	-0.5154	-426	430	-0.5136	0.0018	-0.1236
18	-298	322	-0.3720	-308	317	-0.3750	-0.0030	-0.1254
20	-127	152	-0.1674	-138	145	-0.1698	-0.0024	-0.1224
22	-92	117	-0.1254	-101	109	-0.1260	-0.0006	-0.1200
24	-68	93	-0.0966	-77	86	-0.0978	-0.0012	-0.1194
26	-22	49	-0.0426	-34	40	-0.0444	-0.0018	-0.1182
28	23	5	0.0108	6	3	0.0018	-0.0090	-0.1164
30	205	-181	0.2316	193	-185	0.2268	-0.0048	-0.1074
32	252	-227	0.2874	238	-229	0.2802	-0.0072	-0.1026
34	321	-293	0.3684	305	-295	0.3600	-0.0084	-0.0954
36	347	-323	0.4020	334	-327	0.3966	-0.0054	-0.0870
38	357	-330	0.4122	342	-333	0.4050	-0.0072	-0.0816
40	428	-402	0.4980	411	-405	0.4896	-0.0084	-0.0744
42	451	-425	0.5256	431	-423	0.5124	-0.0132	-0.0660
44	502	-475	0.5862	489	-477	0.5796	-0.0066	-0.0528
46	525	-501	0.6156	512	-504	0.6096	-0.0060	-0.0462
48	547	-518	0.6390	530	-519	0.6294	-0.0096	-0.0402
50	613	-590	0.7218	603	-590	0.7158	-0.0060	-0.0306
52	646	-621	0.7602	629	-619	0.7488	-0.0114	-0.0246
54	651	-624	0.7650	638	-627	0.7590	-0.0060	-0.0132
56	605	-582	0.7122	591	-584	0.7050	-0.0072	-0.0072
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS24  
**DESCRIPTION**

**CURRENT SURVEY** 6/4/2009 9:32:46 AM

**INITIAL SURVEY** 5/19/2009 8:27:16 AM

**DATE PRINTED** 7/15/2009 7:48:19 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-25	34	-0.0354	-38	36	-0.0444	-0.0090	0.0444
4	149	-139	0.1728	161	-139	0.1800	0.0072	0.0534
6	262	-233	0.2970	262	-232	0.2964	-0.0006	0.0462
8	235	-209	0.2664	235	-208	0.2658	-0.0006	0.0468
10	193	-164	0.2142	192	-163	0.2130	-0.0012	0.0474
12	281	-252	0.3198	278	-250	0.3168	-0.0030	0.0486
14	335	-303	0.3828	338	-306	0.3864	0.0036	0.0516
16	327	-300	0.3762	329	-302	0.3786	0.0024	0.0480
18	231	-206	0.2622	231	-211	0.2652	0.0030	0.0456
20	86	-57	0.0858	81	-63	0.0864	0.0006	0.0426
22	-44	73	-0.0702	-43	67	-0.0660	0.0042	0.0420
24	-165	194	-0.2154	-163	190	-0.2118	0.0036	0.0378
26	-255	287	-0.3252	-255	283	-0.3228	0.0024	0.0342
28	-383	402	-0.4710	-383	399	-0.4692	0.0018	0.0318
30	-545	576	-0.6726	-543	571	-0.6684	0.0042	0.0300
32	-654	682	-0.8016	-652	678	-0.7980	0.0036	0.0258
34	-739	772	-0.9066	-738	768	-0.9036	0.0030	0.0222
36	-782	814	-0.9576	-782	811	-0.9558	0.0018	0.0192
38	-786	811	-0.9582	-787	811	-0.9588	-0.0006	0.0174
40	-825	858	-1.0098	-825	856	-1.0086	0.0012	0.0180
42	-848	880	-1.0368	-849	879	-1.0368	0.0000	0.0168
44	-845	877	-1.0332	-843	875	-1.0308	0.0024	0.0168
46	-857	891	-1.0488	-858	887	-1.0470	0.0018	0.0144
48	-897	922	-1.0914	-895	922	-1.0902	0.0012	0.0126
50	-994	1021	-1.2090	-987	1015	-1.2012	0.0078	0.0114
52	-1070	1099	-1.3014	-1067	1095	-1.2972	0.0042	0.0036
54	-1037	1060	-1.2582	-1031	1061	-1.2552	0.0030	-0.0006
56	-991	1025	-1.2096	-1000	1022	-1.2132	-0.0036	-0.0036
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS24  
**DESCRIPTION**

**CURRENT SURVEY** 6/16/2009 3:49:00 PM

**INITIAL SURVEY** 5/19/2009 8:27:16 AM

**DATE PRINTED** 7/15/2009 7:48:19 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-25	34	-0.0354	-45	45	-0.0540	-0.0186	0.0846
4	149	-139	0.1728	150	-152	0.1812	0.0084	0.1032
6	262	-233	0.2970	244	-246	0.2940	-0.0030	0.0948
8	235	-209	0.2664	220	-219	0.2634	-0.0030	0.0978
10	193	-164	0.2142	174	-175	0.2094	-0.0048	0.1008
12	281	-252	0.3198	261	-261	0.3132	-0.0066	0.1056
14	335	-303	0.3828	318	-318	0.3816	-0.0012	0.1122
16	327	-300	0.3762	312	-312	0.3744	-0.0018	0.1134
18	231	-206	0.2622	221	-219	0.2640	0.0018	0.1152
20	86	-57	0.0858	73	-72	0.0870	0.0012	0.1134
22	-44	73	-0.0702	-53	56	-0.0654	0.0048	0.1122
24	-165	194	-0.2154	-177	178	-0.2130	0.0024	0.1074
26	-255	287	-0.3252	-269	271	-0.3240	0.0012	0.1050
28	-383	402	-0.4710	-382	388	-0.4620	0.0090	0.1038
30	-545	576	-0.6726	-556	555	-0.6666	0.0060	0.0948
32	-654	682	-0.8016	-662	663	-0.7950	0.0066	0.0888
34	-739	772	-0.9066	-752	752	-0.9024	0.0042	0.0822
36	-782	814	-0.9576	-792	792	-0.9504	0.0072	0.0780
38	-786	811	-0.9582	-796	796	-0.9552	0.0030	0.0708
40	-825	858	-1.0098	-838	838	-1.0056	0.0042	0.0678
42	-848	880	-1.0368	-861	860	-1.0326	0.0042	0.0636
44	-845	877	-1.0332	-854	856	-1.0260	0.0072	0.0594
46	-857	891	-1.0488	-868	868	-1.0416	0.0072	0.0522
48	-897	922	-1.0914	-903	906	-1.0854	0.0060	0.0450
50	-994	1021	-1.2090	-997	998	-1.1970	0.0120	0.0390
52	-1070	1099	-1.3014	-1077	1075	-1.2912	0.0102	0.0270
54	-1037	1060	-1.2582	-1037	1040	-1.2462	0.0120	0.0168
56	-991	1025	-1.2096	-1003	1005	-1.2048	0.0048	0.0048
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS24  
**DESCRIPTION**

**CURRENT SURVEY** 6/30/2009 7:57:29 AM

**INITIAL SURVEY** 5/19/2009 8:27:16 AM

**DATE PRINTED** 7/15/2009 7:48:19 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-25	34	-0.0354	-23	57	-0.0480	-0.0126	-0.0060
4	149	-139	0.1728	177	-138	0.1890	0.0162	0.0066
6	262	-233	0.2970	272	-223	0.2970	0.0000	-0.0096
8	235	-209	0.2664	241	-197	0.2628	-0.0036	-0.0096
10	193	-164	0.2142	205	-158	0.2178	0.0036	-0.0060
12	281	-252	0.3198	290	-245	0.3210	0.0012	-0.0096
14	335	-303	0.3828	347	-302	0.3894	0.0066	-0.0108
16	327	-300	0.3762	337	-293	0.3780	0.0018	-0.0174
18	231	-206	0.2622	229	-207	0.2616	-0.0006	-0.0192
20	86	-57	0.0858	87	-50	0.0822	-0.0036	-0.0186
22	-44	73	-0.0702	-38	78	-0.0696	0.0006	-0.0150
24	-165	194	-0.2154	-158	201	-0.2154	0.0000	-0.0156
26	-255	287	-0.3252	-248	295	-0.3258	-0.0006	-0.0156
28	-383	402	-0.4710	-381	409	-0.4740	-0.0030	-0.0150
30	-545	576	-0.6726	-538	584	-0.6732	-0.0006	-0.0120
32	-654	682	-0.8016	-645	689	-0.8004	0.0012	-0.0114
34	-739	772	-0.9066	-730	783	-0.9078	-0.0012	-0.0126
36	-782	814	-0.9576	-774	823	-0.9582	-0.0006	-0.0114
38	-786	811	-0.9582	-781	817	-0.9588	-0.0006	-0.0108
40	-825	858	-1.0098	-822	866	-1.0128	-0.0030	-0.0102
42	-848	880	-1.0368	-843	891	-1.0404	-0.0036	-0.0072
44	-845	877	-1.0332	-839	888	-1.0362	-0.0030	-0.0036
46	-857	891	-1.0488	-853	902	-1.0530	-0.0042	-0.0006
48	-897	922	-1.0914	-889	933	-1.0932	-0.0018	0.0036
50	-994	1021	-1.2090	-979	1029	-1.2048	0.0042	0.0054
52	-1070	1099	-1.3014	-1061	1106	-1.3002	0.0012	0.0012
54	-1037	1060	-1.2582	-1021	1071	-1.2552	0.0030	0.0000
56	-991	1025	-1.2096	-987	1034	-1.2126	-0.0030	-0.0030
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS24  
**DESCRIPTION**

**CURRENT SURVEY** 7/13/2009 12:14:33 PM

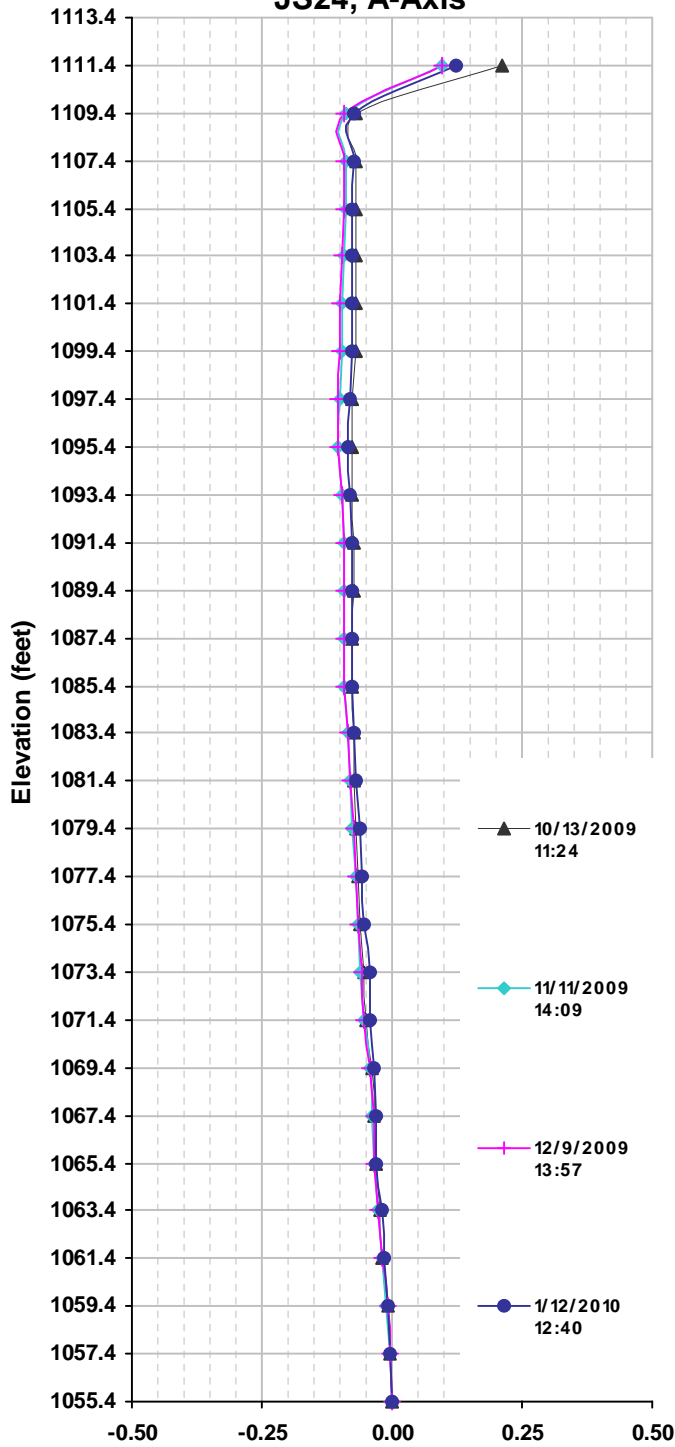
**INITIAL SURVEY** 5/19/2009 8:27:16 AM

**DATE PRINTED** 7/15/2009 7:48:19 AM

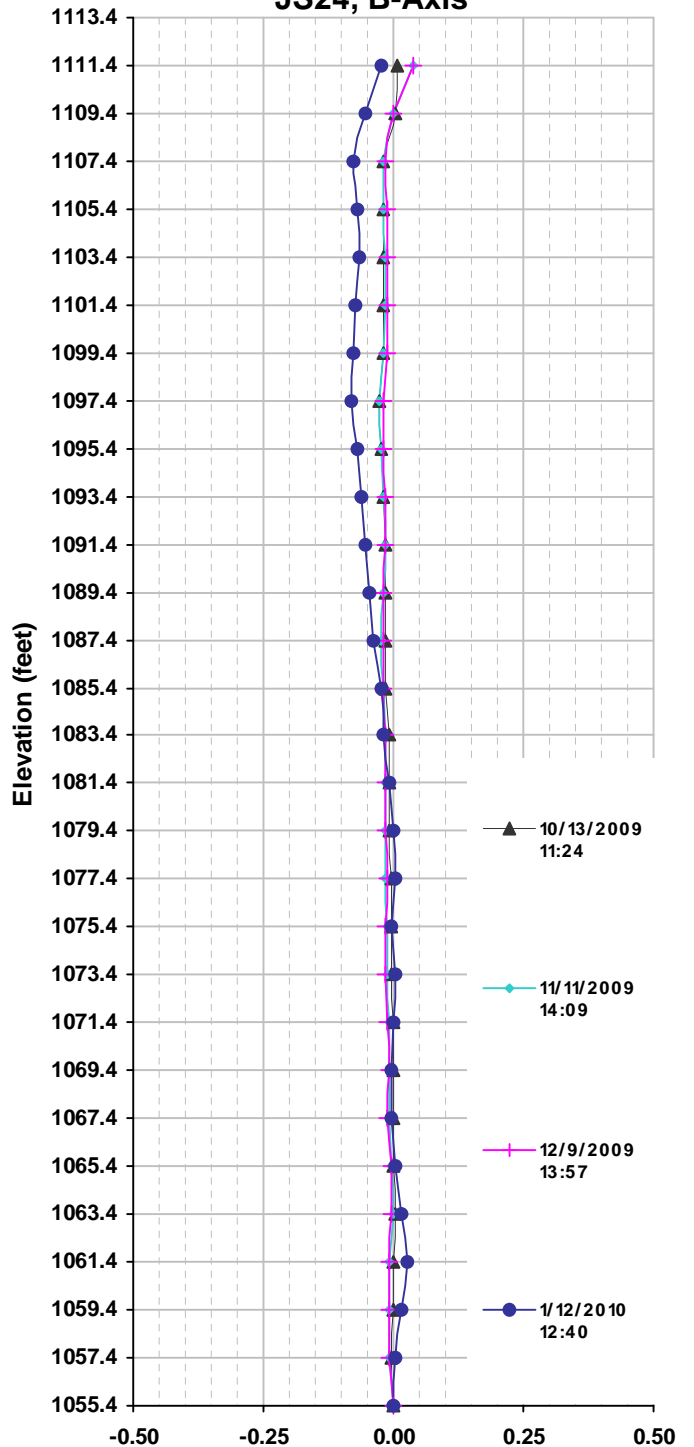
Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-25	34	-0.0354	-18	51	-0.0414	-0.0060	-0.0162
4	149	-139	0.1728	185	-135	0.1920	0.0192	-0.0102
6	262	-233	0.2970	274	-218	0.2952	-0.0018	-0.0294
8	235	-209	0.2664	246	-201	0.2682	0.0018	-0.0276
10	193	-164	0.2142	205	-155	0.2160	0.0018	-0.0294
12	281	-252	0.3198	294	-241	0.3210	0.0012	-0.0312
14	335	-303	0.3828	351	-300	0.3906	0.0078	-0.0324
16	327	-300	0.3762	337	-288	0.3750	-0.0012	-0.0402
18	231	-206	0.2622	231	-195	0.2556	-0.0066	-0.0390
20	86	-57	0.0858	85	-46	0.0786	-0.0072	-0.0324
22	-44	73	-0.0702	-38	82	-0.0720	-0.0018	-0.0252
24	-165	194	-0.2154	-157	205	-0.2172	-0.0018	-0.0234
26	-255	287	-0.3252	-244	294	-0.3228	0.0024	-0.0216
28	-383	402	-0.4710	-375	406	-0.4686	0.0024	-0.0240
30	-545	576	-0.6726	-534	586	-0.6720	0.0006	-0.0264
32	-654	682	-0.8016	-643	694	-0.8022	-0.0006	-0.0270
34	-739	772	-0.9066	-731	782	-0.9078	-0.0012	-0.0264
36	-782	814	-0.9576	-773	825	-0.9588	-0.0012	-0.0252
38	-786	811	-0.9582	-778	821	-0.9594	-0.0012	-0.0240
40	-825	858	-1.0098	-822	870	-1.0152	-0.0054	-0.0228
42	-848	880	-1.0368	-844	894	-1.0428	-0.0060	-0.0174
44	-845	877	-1.0332	-833	891	-1.0344	-0.0012	-0.0114
46	-857	891	-1.0488	-850	905	-1.0530	-0.0042	-0.0102
48	-897	922	-1.0914	-888	936	-1.0944	-0.0030	-0.0060
50	-994	1021	-1.2090	-978	1031	-1.2054	0.0036	-0.0030
52	-1070	1099	-1.3014	-1059	1109	-1.3008	0.0006	-0.0066
54	-1037	1060	-1.2582	-1021	1075	-1.2576	0.0006	-0.0072
56	-991	1025	-1.2096	-991	1038	-1.2174	-0.0078	-0.0078
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000

JS24, A-Axis

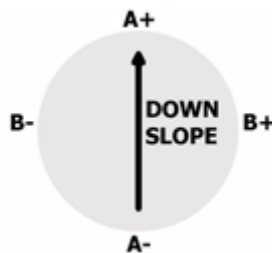


JS24, B-Axis



Cumulative Displacement (in) from 5/19/2009

Cumulative Displacement (in) from 5/19/2009



John Sevier Fossil Plant

Rogersville, TN

175569038

1/13/2010

**SITE** JSF  
**INSTALLATION** JS24  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 11:24:06 AM

**INITIAL SURVEY** 5/19/2009 8:27:16 AM

**DATE PRINTED** 1/13/2010 3:46:39 PM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-146	167	-0.1878	83	-75	0.0948	0.2826	0.2118
4	-150	179	-0.1974	-157	173	-0.1980	-0.0006	-0.0708
6	-191	214	-0.2430	-198	209	-0.2442	-0.0012	-0.0702
8	-335	359	-0.4164	-341	352	-0.4158	0.0006	-0.0690
10	-436	461	-0.5382	-441	454	-0.5370	0.0012	-0.0696
12	-466	489	-0.5730	-471	485	-0.5736	-0.0006	-0.0708
14	-479	507	-0.5916	-482	495	-0.5862	0.0054	-0.0702
16	-418	441	-0.5154	-422	433	-0.5130	0.0024	-0.0756
18	-298	322	-0.3720	-305	318	-0.3738	-0.0018	-0.0780
20	-127	152	-0.1674	-135	147	-0.1692	-0.0018	-0.0762
22	-92	117	-0.1254	-97	111	-0.1248	0.0006	-0.0744
24	-68	93	-0.0966	-71	87	-0.0948	0.0018	-0.0750
26	-22	49	-0.0426	-26	42	-0.0408	0.0018	-0.0768
28	23	5	0.0108	10	1	0.0054	-0.0054	-0.0786
30	205	-181	0.2316	198	-186	0.2304	-0.0012	-0.0732
32	252	-227	0.2874	245	-229	0.2844	-0.0030	-0.0720
34	321	-293	0.3684	311	-295	0.3636	-0.0048	-0.0690
36	347	-323	0.4020	338	-327	0.3990	-0.0030	-0.0642
38	357	-330	0.4122	346	-330	0.4056	-0.0066	-0.0612
40	428	-402	0.4980	418	-404	0.4932	-0.0048	-0.0546
42	451	-425	0.5256	436	-422	0.5148	-0.0108	-0.0498
44	502	-475	0.5862	492	-477	0.5814	-0.0048	-0.0390
46	525	-501	0.6156	517	-504	0.6126	-0.0030	-0.0342
48	547	-518	0.6390	534	-517	0.6306	-0.0084	-0.0312
50	613	-590	0.7218	607	-589	0.7176	-0.0042	-0.0228
52	646	-621	0.7602	633	-618	0.7506	-0.0096	-0.0186
54	651	-624	0.7650	642	-625	0.7602	-0.0048	-0.0090
56	605	-582	0.7122	597	-583	0.7080	-0.0042	-0.0042
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000



**SITE** JSF  
**INSTALLATION** JS24  
**DESCRIPTION**

**CURRENT SURVEY** 11/11/2009 2:09:45 PM

**INITIAL SURVEY** 5/19/2009 8:27:16 AM

**DATE PRINTED** 1/13/2010 3:46:39 PM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-146	167	-0.1878	3	7	-0.0024	0.1854	0.0978
4	-150	179	-0.1974	-157	172	-0.1974	0.0000	-0.0876
6	-191	214	-0.2430	-196	206	-0.2412	0.0018	-0.0876
8	-335	359	-0.4164	-337	349	-0.4116	0.0048	-0.0894
10	-436	461	-0.5382	-441	453	-0.5364	0.0018	-0.0942
12	-466	489	-0.5730	-470	485	-0.5730	0.0000	-0.0960
14	-479	507	-0.5916	-481	496	-0.5862	0.0054	-0.0960
16	-418	441	-0.5154	-423	432	-0.5130	0.0024	-0.1014
18	-298	322	-0.3720	-309	323	-0.3792	-0.0072	-0.1038
20	-127	152	-0.1674	-137	148	-0.1710	-0.0036	-0.0966
22	-92	117	-0.1254	-98	111	-0.1254	0.0000	-0.0930
24	-68	93	-0.0966	-73	88	-0.0966	0.0000	-0.0930
26	-22	49	-0.0426	-29	42	-0.0426	0.0000	-0.0930
28	23	5	0.0108	9	4	0.0030	-0.0078	-0.0930
30	205	-181	0.2316	197	-183	0.2280	-0.0036	-0.0852
32	252	-227	0.2874	242	-227	0.2814	-0.0060	-0.0816
34	321	-293	0.3684	310	-294	0.3624	-0.0060	-0.0756
36	347	-323	0.4020	338	-327	0.3990	-0.0030	-0.0696
38	357	-330	0.4122	345	-331	0.4056	-0.0066	-0.0666
40	428	-402	0.4980	417	-405	0.4932	-0.0048	-0.0600
42	451	-425	0.5256	434	-422	0.5136	-0.0120	-0.0552
44	502	-475	0.5862	492	-477	0.5814	-0.0048	-0.0432
46	525	-501	0.6156	517	-505	0.6132	-0.0024	-0.0384
48	547	-518	0.6390	532	-517	0.6294	-0.0096	-0.0360
50	613	-590	0.7218	606	-588	0.7164	-0.0054	-0.0264
52	646	-621	0.7602	631	-618	0.7494	-0.0108	-0.0210
54	651	-624	0.7650	642	-625	0.7602	-0.0048	-0.0102
56	605	-582	0.7122	595	-583	0.7068	-0.0054	-0.0054
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS24  
**DESCRIPTION**

**CURRENT SURVEY** 12/9/2009 1:57:15 PM

**INITIAL SURVEY** 5/19/2009 8:27:16 AM

**DATE PRINTED** 1/13/2010 3:46:39 PM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-146	167	-0.1878	6	5	0.0006	0.1884	0.0954
4	-150	179	-0.1974	-155	175	-0.1980	-0.0006	-0.0930
6	-191	214	-0.2430	-194	209	-0.2418	0.0012	-0.0924
8	-335	359	-0.4164	-336	352	-0.4128	0.0036	-0.0936
10	-436	461	-0.5382	-439	454	-0.5358	0.0024	-0.0972
12	-466	489	-0.5730	-470	487	-0.5742	-0.0012	-0.0996
14	-479	507	-0.5916	-480	499	-0.5874	0.0042	-0.0984
16	-418	441	-0.5154	-421	435	-0.5136	0.0018	-0.1026
18	-298	322	-0.3720	-307	324	-0.3786	-0.0066	-0.1044
20	-127	152	-0.1674	-135	150	-0.1710	-0.0036	-0.0978
22	-92	117	-0.1254	-96	115	-0.1266	-0.0012	-0.0942
24	-68	93	-0.0966	-72	90	-0.0972	-0.0006	-0.0930
26	-22	49	-0.0426	-28	43	-0.0426	0.0000	-0.0924
28	23	5	0.0108	11	7	0.0024	-0.0084	-0.0924
30	205	-181	0.2316	198	-180	0.2268	-0.0048	-0.0840
32	252	-227	0.2874	244	-226	0.2820	-0.0054	-0.0792
34	321	-293	0.3684	313	-292	0.3630	-0.0054	-0.0738
36	347	-323	0.4020	339	-323	0.3972	-0.0048	-0.0684
38	357	-330	0.4122	347	-330	0.4062	-0.0060	-0.0636
40	428	-402	0.4980	420	-402	0.4932	-0.0048	-0.0576
42	451	-425	0.5256	437	-419	0.5136	-0.0120	-0.0528
44	502	-475	0.5862	494	-474	0.5808	-0.0054	-0.0408
46	525	-501	0.6156	522	-501	0.6138	-0.0018	-0.0354
48	547	-518	0.6390	537	-514	0.6306	-0.0084	-0.0336
50	613	-590	0.7218	607	-587	0.7164	-0.0054	-0.0252
52	646	-621	0.7602	633	-617	0.7500	-0.0102	-0.0198
54	651	-624	0.7650	643	-624	0.7602	-0.0048	-0.0096
56	605	-582	0.7122	597	-582	0.7074	-0.0048	-0.0048
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS24  
**DESCRIPTION**

**CURRENT SURVEY** 1/12/2010 12:40:04 PM

**INITIAL SURVEY** 5/19/2009 8:27:16 AM

**DATE PRINTED** 1/13/2010 3:46:40 PM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-146	167	-0.1878	6	-11	0.0102	0.1980	0.1242
4	-150	179	-0.1974	-165	166	-0.1986	-0.0012	-0.0738
6	-191	214	-0.2430	-201	199	-0.2400	0.0030	-0.0726
8	-335	359	-0.4164	-345	347	-0.4152	0.0012	-0.0756
10	-436	461	-0.5382	-448	448	-0.5376	0.0006	-0.0768
12	-466	489	-0.5730	-479	478	-0.5742	-0.0012	-0.0774
14	-479	507	-0.5916	-489	491	-0.5880	0.0036	-0.0762
16	-418	441	-0.5154	-427	425	-0.5112	0.0042	-0.0798
18	-298	322	-0.3720	-311	314	-0.3750	-0.0030	-0.0840
20	-127	152	-0.1674	-141	142	-0.1698	-0.0024	-0.0810
22	-92	117	-0.1254	-105	106	-0.1266	-0.0012	-0.0786
24	-68	93	-0.0966	-79	82	-0.0966	0.0000	-0.0774
26	-22	49	-0.0426	-35	37	-0.0432	-0.0006	-0.0774
28	23	5	0.0108	7	-4	0.0066	-0.0042	-0.0768
30	205	-181	0.2316	191	-189	0.2280	-0.0036	-0.0726
32	252	-227	0.2874	235	-233	0.2808	-0.0066	-0.0690
34	321	-293	0.3684	304	-303	0.3642	-0.0042	-0.0624
36	347	-323	0.4020	332	-332	0.3984	-0.0036	-0.0582
38	357	-330	0.4122	336	-333	0.4014	-0.0108	-0.0546
40	428	-402	0.4980	417	-411	0.4968	-0.0012	-0.0438
42	451	-425	0.5256	431	-430	0.5166	-0.0090	-0.0426
44	502	-475	0.5862	489	-486	0.5850	-0.0012	-0.0336
46	525	-501	0.6156	511	-511	0.6132	-0.0024	-0.0324
48	547	-518	0.6390	527	-521	0.6288	-0.0102	-0.0300
50	613	-590	0.7218	597	-596	0.7158	-0.0060	-0.0198
52	646	-621	0.7602	628	-628	0.7536	-0.0066	-0.0138
54	651	-624	0.7650	638	-634	0.7632	-0.0018	-0.0072
56	605	-582	0.7122	588	-590	0.7068	-0.0054	-0.0054
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS24  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 11:24:06 AM

**INITIAL SURVEY** 5/19/2009 8:27:16 AM

**DATE PRINTED** 1/13/2010 3:46:50 PM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-25	34	-0.0354	-8	41	-0.0294	0.0060	0.0084
4	149	-139	0.1728	189	-137	0.1956	0.0228	0.0024
6	262	-233	0.2970	275	-219	0.2964	-0.0006	-0.0204
8	235	-209	0.2664	246	-194	0.2640	-0.0024	-0.0198
10	193	-164	0.2142	207	-154	0.2166	0.0024	-0.0174
12	281	-252	0.3198	295	-239	0.3204	0.0006	-0.0198
14	335	-303	0.3828	354	-297	0.3906	0.0078	-0.0204
16	327	-300	0.3762	339	-282	0.3726	-0.0036	-0.0282
18	231	-206	0.2622	230	-196	0.2556	-0.0066	-0.0246
20	86	-57	0.0858	94	-46	0.0840	-0.0018	-0.0180
22	-44	73	-0.0702	-34	84	-0.0708	-0.0006	-0.0162
24	-165	194	-0.2154	-154	203	-0.2142	0.0012	-0.0156
26	-255	287	-0.3252	-248	299	-0.3282	-0.0030	-0.0168
28	-383	402	-0.4710	-380	415	-0.4770	-0.0060	-0.0138
30	-545	576	-0.6726	-535	589	-0.6744	-0.0018	-0.0078
32	-654	682	-0.8016	-643	693	-0.8016	0.0000	-0.0060
34	-739	772	-0.9066	-729	786	-0.9090	-0.0024	-0.0060
36	-782	814	-0.9576	-769	826	-0.9570	0.0006	-0.0036
38	-786	811	-0.9582	-774	823	-0.9582	0.0000	-0.0042
40	-825	858	-1.0098	-816	871	-1.0122	-0.0024	-0.0042
42	-848	880	-1.0368	-837	895	-1.0392	-0.0024	-0.0018
44	-845	877	-1.0332	-829	889	-1.0308	0.0024	0.0006
46	-857	891	-1.0488	-846	906	-1.0512	-0.0024	-0.0018
48	-897	922	-1.0914	-885	939	-1.0944	-0.0030	0.0006
50	-994	1021	-1.2090	-977	1033	-1.2060	0.0030	0.0036
52	-1070	1099	-1.3014	-1055	1111	-1.2996	0.0018	0.0006
54	-1037	1060	-1.2582	-1017	1076	-1.2558	0.0024	-0.0012
56	-991	1025	-1.2096	-982	1040	-1.2132	-0.0036	-0.0036
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS24  
**DESCRIPTION**

**CURRENT SURVEY** 11/11/2009 2:09:45 PM

**INITIAL SURVEY** 5/19/2009 8:27:16 AM

**DATE PRINTED** 1/13/2010 3:46:50 PM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-25	34	-0.0354	23	14	0.0054	0.0408	0.0402
4	149	-139	0.1728	186	-133	0.1914	0.0186	-0.0006
6	262	-233	0.2970	276	-216	0.2952	-0.0018	-0.0192
8	235	-209	0.2664	250	-193	0.2658	-0.0006	-0.0174
10	193	-164	0.2142	207	-148	0.2130	-0.0012	-0.0168
12	281	-252	0.3198	294	-242	0.3216	0.0018	-0.0156
14	335	-303	0.3828	357	-294	0.3906	0.0078	-0.0174
16	327	-300	0.3762	338	-283	0.3726	-0.0036	-0.0252
18	231	-206	0.2622	233	-197	0.2580	-0.0042	-0.0216
20	86	-57	0.0858	95	-45	0.0840	-0.0018	-0.0174
22	-44	73	-0.0702	-29	84	-0.0678	0.0024	-0.0156
24	-165	194	-0.2154	-150	203	-0.2118	0.0036	-0.0180
26	-255	287	-0.3252	-245	301	-0.3276	-0.0024	-0.0216
28	-383	402	-0.4710	-375	415	-0.4740	-0.0030	-0.0192
30	-545	576	-0.6726	-532	590	-0.6732	-0.0006	-0.0162
32	-654	682	-0.8016	-639	697	-0.8016	0.0000	-0.0156
34	-739	772	-0.9066	-726	787	-0.9078	-0.0012	-0.0156
36	-782	814	-0.9576	-769	829	-0.9588	-0.0012	-0.0144
38	-786	811	-0.9582	-773	824	-0.9582	0.0000	-0.0132
40	-825	858	-1.0098	-815	874	-1.0134	-0.0036	-0.0132
42	-848	880	-1.0368	-836	898	-1.0404	-0.0036	-0.0096
44	-845	877	-1.0332	-829	893	-1.0332	0.0000	-0.0060
46	-857	891	-1.0488	-846	908	-1.0524	-0.0036	-0.0060
48	-897	922	-1.0914	-883	939	-1.0932	-0.0018	-0.0024
50	-994	1021	-1.2090	-974	1032	-1.2036	0.0054	-0.0006
52	-1070	1099	-1.3014	-1053	1114	-1.3002	0.0012	-0.0060
54	-1037	1060	-1.2582	-1018	1079	-1.2582	0.0000	-0.0072
56	-991	1025	-1.2096	-987	1041	-1.2168	-0.0072	-0.0072
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS24  
**DESCRIPTION**

**CURRENT SURVEY** 12/9/2009 1:57:15 PM

**INITIAL SURVEY** 5/19/2009 8:27:16 AM

**DATE PRINTED** 1/13/2010 3:46:50 PM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-25	34	-0.0354	21	19	0.0012	0.0366	0.0384
4	149	-139	0.1728	180	-135	0.1890	0.0162	0.0018
6	262	-233	0.2970	275	-217	0.2952	-0.0018	-0.0144
8	235	-209	0.2664	250	-194	0.2664	0.0000	-0.0126
10	193	-164	0.2142	210	-148	0.2148	0.0006	-0.0126
12	281	-252	0.3198	295	-237	0.3192	-0.0006	-0.0132
14	335	-303	0.3828	355	-294	0.3894	0.0066	-0.0126
16	327	-300	0.3762	339	-285	0.3744	-0.0018	-0.0192
18	231	-206	0.2622	238	-194	0.2592	-0.0030	-0.0174
20	86	-57	0.0858	98	-46	0.0864	0.0006	-0.0144
22	-44	73	-0.0702	-30	83	-0.0678	0.0024	-0.0150
24	-165	194	-0.2154	-151	205	-0.2136	0.0018	-0.0174
26	-255	287	-0.3252	-243	302	-0.3270	-0.0018	-0.0192
28	-383	402	-0.4710	-377	414	-0.4746	-0.0036	-0.0174
30	-545	576	-0.6726	-530	589	-0.6714	0.0012	-0.0138
32	-654	682	-0.8016	-641	697	-0.8028	-0.0012	-0.0150
34	-739	772	-0.9066	-727	785	-0.9072	-0.0006	-0.0138
36	-782	814	-0.9576	-767	826	-0.9558	0.0018	-0.0132
38	-786	811	-0.9582	-773	824	-0.9582	0.0000	-0.0150
40	-825	858	-1.0098	-814	875	-1.0134	-0.0036	-0.0150
42	-848	880	-1.0368	-835	897	-1.0392	-0.0024	-0.0114
44	-845	877	-1.0332	-827	893	-1.0320	0.0012	-0.0090
46	-857	891	-1.0488	-853	905	-1.0548	-0.0060	-0.0102
48	-897	922	-1.0914	-881	937	-1.0908	0.0006	-0.0042
50	-994	1021	-1.2090	-974	1037	-1.2066	0.0024	-0.0048
52	-1070	1099	-1.3014	-1053	1113	-1.2996	0.0018	-0.0072
54	-1037	1060	-1.2582	-1021	1078	-1.2594	-0.0012	-0.0090
56	-991	1025	-1.2096	-987	1042	-1.2174	-0.0078	-0.0078
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS24  
**DESCRIPTION**

**CURRENT SURVEY** 1/12/2010 12:40:04 PM

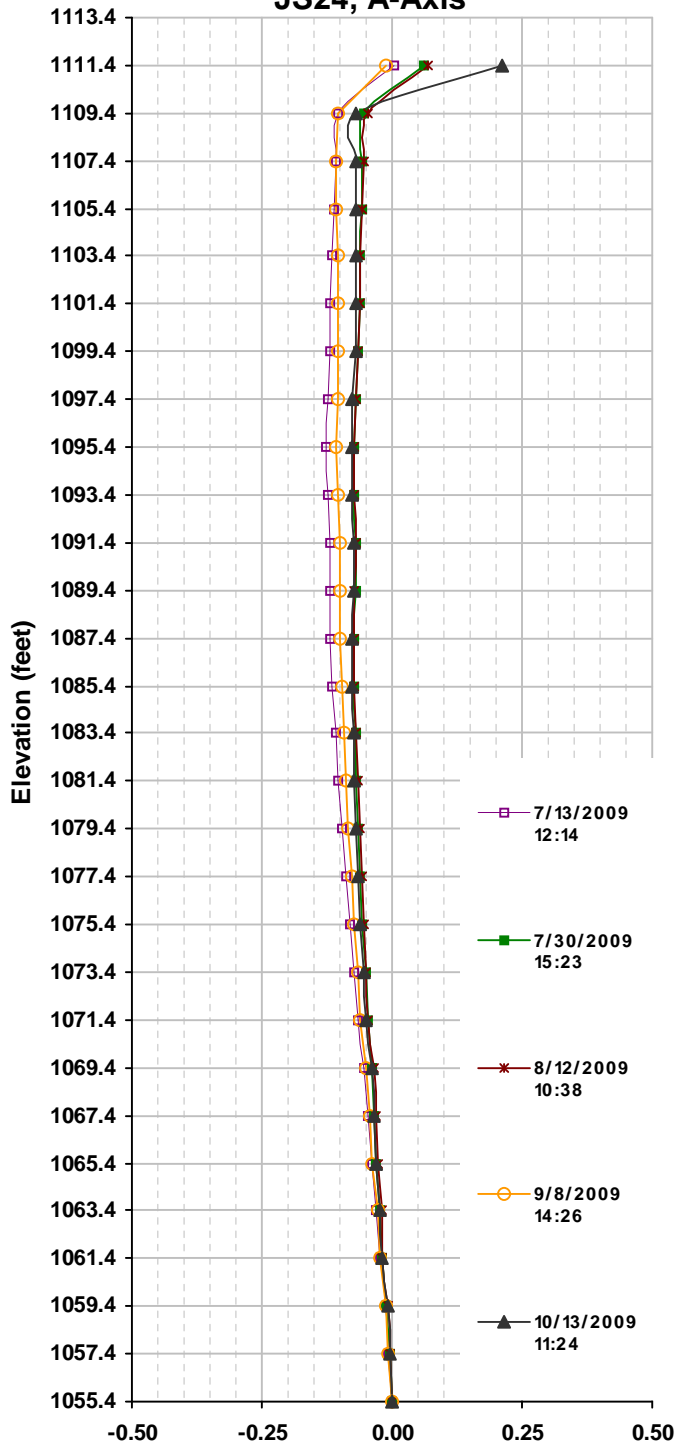
**INITIAL SURVEY** 5/19/2009 8:27:16 AM

**DATE PRINTED** 1/13/2010 3:46:50 PM

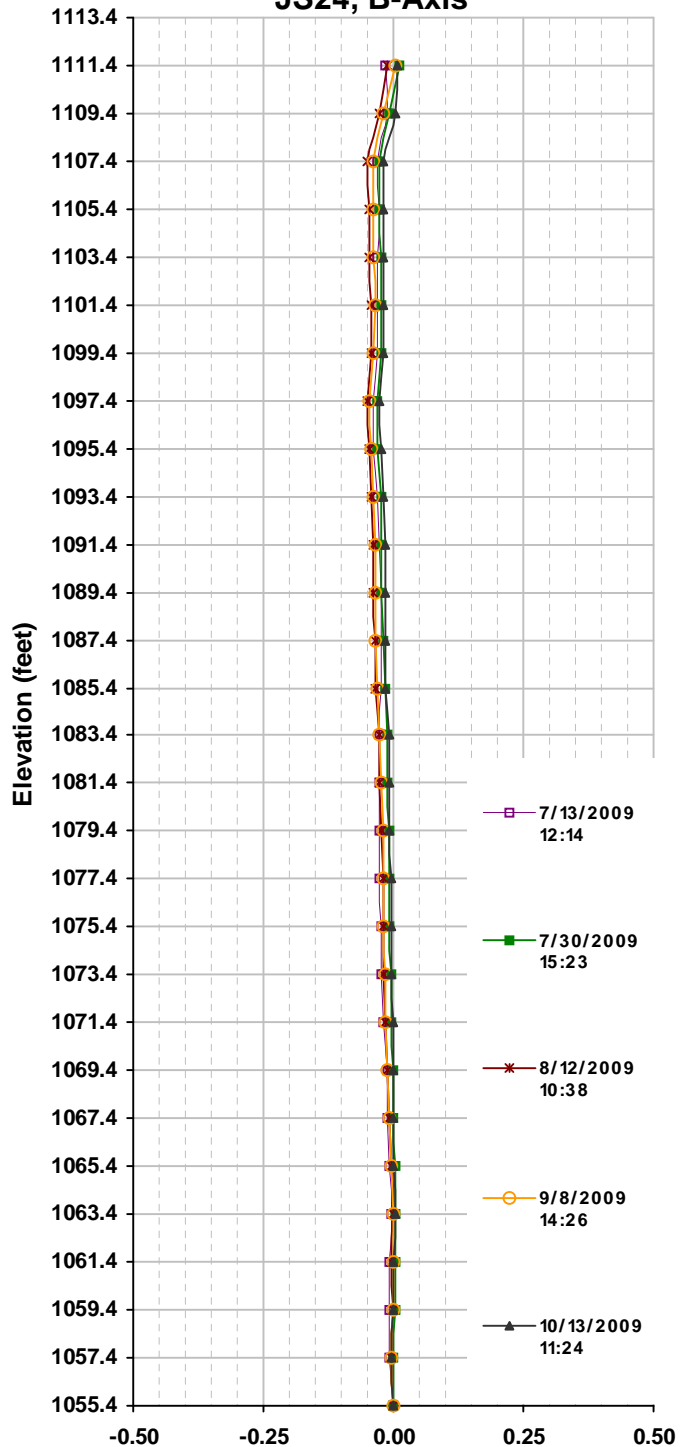
Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-25	34	-0.0354	-11	-1	-0.0060	0.0294	-0.0234
4	149	-139	0.1728	159	-170	0.1974	0.0246	-0.0528
6	262	-233	0.2970	230	-252	0.2892	-0.0078	-0.0774
8	235	-209	0.2664	206	-228	0.2604	-0.0060	-0.0696
10	193	-164	0.2142	176	-198	0.2244	0.0102	-0.0636
12	281	-252	0.3198	259	-279	0.3228	0.0030	-0.0738
14	335	-303	0.3828	307	-335	0.3852	0.0024	-0.0768
16	327	-300	0.3762	294	-315	0.3654	-0.0108	-0.0792
18	231	-206	0.2622	213	-215	0.2568	-0.0054	-0.0684
20	86	-57	0.0858	60	-69	0.0774	-0.0084	-0.0630
22	-44	73	-0.0702	-70	59	-0.0774	-0.0072	-0.0546
24	-165	194	-0.2154	-194	181	-0.2250	-0.0096	-0.0474
26	-255	287	-0.3252	-290	274	-0.3384	-0.0132	-0.0378
28	-383	402	-0.4710	-398	397	-0.4770	-0.0060	-0.0246
30	-545	576	-0.6726	-577	560	-0.6822	-0.0096	-0.0186
32	-654	682	-0.8016	-682	671	-0.8118	-0.0102	-0.0090
34	-739	772	-0.9066	-776	739	-0.9090	-0.0024	0.0012
36	-782	814	-0.9576	-807	778	-0.9510	0.0066	0.0036
38	-786	811	-0.9582	-815	792	-0.9642	-0.0060	-0.0030
40	-825	858	-1.0098	-853	826	-1.0074	0.0024	0.0030
42	-848	880	-1.0368	-875	845	-1.0320	0.0048	0.0006
44	-845	877	-1.0332	-878	844	-1.0332	0.0000	-0.0042
46	-857	891	-1.0488	-896	867	-1.0578	-0.0090	-0.0042
48	-897	922	-1.0914	-928	910	-1.1028	-0.0114	0.0048
50	-994	1021	-1.2090	-1024	1006	-1.2180	-0.0090	0.0162
52	-1070	1099	-1.3014	-1087	1065	-1.2912	0.0102	0.0252
54	-1037	1060	-1.2582	-1049	1028	-1.2462	0.0120	0.0150
56	-991	1025	-1.2096	-1013	998	-1.2066	0.0030	0.0030
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000

JS24, A-Axis

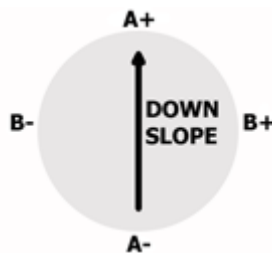


JS24, B-Axis



Cumulative Displacement (in) from 5/19/2009

Cumulative Displacement (in) from 5/19/2009



John Sevier Fossil Plant

Rogersville, TN

175569038

10/15/2009



**SITE** JSF  
**INSTALLATION** JS24  
**DESCRIPTION**

**CURRENT SURVEY** 7/13/2009 12:14:33 PM

**INITIAL SURVEY** 5/19/2009 8:27:16 AM

**DATE PRINTED** 10/15/2009 10:20:55 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-146	167	-0.1878	-66	69	-0.0810	0.1068	0.0024
4	-150	179	-0.1974	-155	166	-0.1926	0.0048	-0.1044
6	-191	214	-0.2430	-198	203	-0.2406	0.0024	-0.1092
8	-335	359	-0.4164	-341	347	-0.4128	0.0036	-0.1116
10	-436	461	-0.5382	-444	449	-0.5358	0.0024	-0.1152
12	-466	489	-0.5730	-473	479	-0.5712	0.0018	-0.1176
14	-479	507	-0.5916	-485	494	-0.5874	0.0042	-0.1194
16	-418	441	-0.5154	-426	430	-0.5136	0.0018	-0.1236
18	-298	322	-0.3720	-308	317	-0.3750	-0.0030	-0.1254
20	-127	152	-0.1674	-138	145	-0.1698	-0.0024	-0.1224
22	-92	117	-0.1254	-101	109	-0.1260	-0.0006	-0.1200
24	-68	93	-0.0966	-77	86	-0.0978	-0.0012	-0.1194
26	-22	49	-0.0426	-34	40	-0.0444	-0.0018	-0.1182
28	23	5	0.0108	6	3	0.0018	-0.0090	-0.1164
30	205	-181	0.2316	193	-185	0.2268	-0.0048	-0.1074
32	252	-227	0.2874	238	-229	0.2802	-0.0072	-0.1026
34	321	-293	0.3684	305	-295	0.3600	-0.0084	-0.0954
36	347	-323	0.4020	334	-327	0.3966	-0.0054	-0.0870
38	357	-330	0.4122	342	-333	0.4050	-0.0072	-0.0816
40	428	-402	0.4980	411	-405	0.4896	-0.0084	-0.0744
42	451	-425	0.5256	431	-423	0.5124	-0.0132	-0.0660
44	502	-475	0.5862	489	-477	0.5796	-0.0066	-0.0528
46	525	-501	0.6156	512	-504	0.6096	-0.0060	-0.0462
48	547	-518	0.6390	530	-519	0.6294	-0.0096	-0.0402
50	613	-590	0.7218	603	-590	0.7158	-0.0060	-0.0306
52	646	-621	0.7602	629	-619	0.7488	-0.0114	-0.0246
54	651	-624	0.7650	638	-627	0.7590	-0.0060	-0.0132
56	605	-582	0.7122	591	-584	0.7050	-0.0072	-0.0072
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS24  
**DESCRIPTION**

**CURRENT SURVEY** 7/30/2009 3:23:16 PM

**INITIAL SURVEY** 5/19/2009 8:27:16 AM

**DATE PRINTED** 10/15/2009 10:20:55 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-146	167	-0.1878	-61	59	-0.0720	0.1158	0.0630
4	-150	179	-0.1974	-159	163	-0.1932	0.0042	-0.0528
6	-191	214	-0.2430	-202	201	-0.2418	0.0012	-0.0570
8	-335	359	-0.4164	-346	345	-0.4146	0.0018	-0.0582
10	-436	461	-0.5382	-447	447	-0.5364	0.0018	-0.0600
12	-466	489	-0.5730	-475	477	-0.5712	0.0018	-0.0618
14	-479	507	-0.5916	-488	490	-0.5868	0.0048	-0.0636
16	-418	441	-0.5154	-427	425	-0.5112	0.0042	-0.0684
18	-298	322	-0.3720	-310	312	-0.3732	-0.0012	-0.0726
20	-127	152	-0.1674	-141	140	-0.1686	-0.0012	-0.0714
22	-92	117	-0.1254	-103	105	-0.1248	0.0006	-0.0702
24	-68	93	-0.0966	-78	81	-0.0954	0.0012	-0.0708
26	-22	49	-0.0426	-34	35	-0.0414	0.0012	-0.0720
28	23	5	0.0108	8	-5	0.0078	-0.0030	-0.0732
30	205	-181	0.2316	192	-190	0.2292	-0.0024	-0.0702
32	252	-227	0.2874	239	-235	0.2844	-0.0030	-0.0678
34	321	-293	0.3684	306	-301	0.3642	-0.0042	-0.0648
36	347	-323	0.4020	331	-332	0.3978	-0.0042	-0.0606
38	357	-330	0.4122	341	-338	0.4074	-0.0048	-0.0564
40	428	-402	0.4980	413	-410	0.4938	-0.0042	-0.0516
42	451	-425	0.5256	431	-429	0.5160	-0.0096	-0.0474
44	502	-475	0.5862	487	-483	0.5820	-0.0042	-0.0378
46	525	-501	0.6156	511	-509	0.6120	-0.0036	-0.0336
48	547	-518	0.6390	529	-524	0.6318	-0.0072	-0.0300
50	613	-590	0.7218	601	-596	0.7182	-0.0036	-0.0228
52	646	-621	0.7602	629	-625	0.7524	-0.0078	-0.0192
54	651	-624	0.7650	635	-630	0.7590	-0.0060	-0.0114
56	605	-582	0.7122	591	-587	0.7068	-0.0054	-0.0054
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS24  
**DESCRIPTION**

**CURRENT SURVEY** 8/12/2009 10:38:07 AM

**INITIAL SURVEY** 5/19/2009 8:27:16 AM

**DATE PRINTED** 10/15/2009 10:20:55 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-146	167	-0.1878	-59	61	-0.0720	0.1158	0.0684
4	-150	179	-0.1974	-154	165	-0.1914	0.0060	-0.0474
6	-191	214	-0.2430	-198	203	-0.2406	0.0024	-0.0534
8	-335	359	-0.4164	-341	346	-0.4122	0.0042	-0.0558
10	-436	461	-0.5382	-443	449	-0.5352	0.0030	-0.0600
12	-466	489	-0.5730	-472	480	-0.5712	0.0018	-0.0630
14	-479	507	-0.5916	-485	491	-0.5856	0.0060	-0.0648
16	-418	441	-0.5154	-426	428	-0.5124	0.0030	-0.0708
18	-298	322	-0.3720	-309	315	-0.3744	-0.0024	-0.0738
20	-127	152	-0.1674	-138	142	-0.1680	-0.0006	-0.0714
22	-92	117	-0.1254	-101	107	-0.1248	0.0006	-0.0708
24	-68	93	-0.0966	-75	83	-0.0948	0.0018	-0.0714
26	-22	49	-0.0426	-32	37	-0.0414	0.0012	-0.0732
28	23	5	0.0108	8	-1	0.0054	-0.0054	-0.0744
30	205	-181	0.2316	195	-187	0.2292	-0.0024	-0.0690
32	252	-227	0.2874	241	-232	0.2838	-0.0036	-0.0666
34	321	-293	0.3684	309	-298	0.3642	-0.0042	-0.0630
36	347	-323	0.4020	334	-330	0.3984	-0.0036	-0.0588
38	357	-330	0.4122	343	-335	0.4068	-0.0054	-0.0552
40	428	-402	0.4980	414	-407	0.4926	-0.0054	-0.0498
42	451	-425	0.5256	434	-426	0.5160	-0.0096	-0.0444
44	502	-475	0.5862	489	-481	0.5820	-0.0042	-0.0348
46	525	-501	0.6156	514	-507	0.6126	-0.0030	-0.0306
48	547	-518	0.6390	531	-523	0.6324	-0.0066	-0.0276
50	613	-590	0.7218	604	-593	0.7182	-0.0036	-0.0210
52	646	-621	0.7602	630	-621	0.7506	-0.0096	-0.0174
54	651	-624	0.7650	639	-629	0.7608	-0.0042	-0.0078
56	605	-582	0.7122	594	-587	0.7086	-0.0036	-0.0036
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS24  
**DESCRIPTION**

**CURRENT SURVEY** 9/8/2009 2:26:49 PM

**INITIAL SURVEY** 5/19/2009 8:27:16 AM

**DATE PRINTED** 10/15/2009 10:20:55 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-146	167	-0.1878	-78	81	-0.0954	0.0924	-0.0126
4	-150	179	-0.1974	-156	167	-0.1938	0.0036	-0.1050
6	-191	214	-0.2430	-201	207	-0.2448	-0.0018	-0.1086
8	-335	359	-0.4164	-345	351	-0.4176	-0.0012	-0.1068
10	-436	461	-0.5382	-446	453	-0.5394	-0.0012	-0.1056
12	-466	489	-0.5730	-475	483	-0.5748	-0.0018	-0.1044
14	-479	507	-0.5916	-486	495	-0.5886	0.0030	-0.1026
16	-418	441	-0.5154	-426	430	-0.5136	0.0018	-0.1056
18	-298	322	-0.3720	-311	315	-0.3756	-0.0036	-0.1074
20	-127	152	-0.1674	-140	144	-0.1704	-0.0030	-0.1038
22	-92	117	-0.1254	-102	109	-0.1266	-0.0012	-0.1008
24	-68	93	-0.0966	-77	86	-0.0978	-0.0012	-0.0996
26	-22	49	-0.0426	-33	39	-0.0432	-0.0006	-0.0984
28	23	5	0.0108	7	-1	0.0048	-0.0060	-0.0978
30	205	-181	0.2316	194	-186	0.2280	-0.0036	-0.0918
32	252	-227	0.2874	240	-231	0.2826	-0.0048	-0.0882
34	321	-293	0.3684	307	-297	0.3624	-0.0060	-0.0834
36	347	-323	0.4020	333	-328	0.3966	-0.0054	-0.0774
38	357	-330	0.4122	342	-334	0.4056	-0.0066	-0.0720
40	428	-402	0.4980	414	-407	0.4926	-0.0054	-0.0654
42	451	-425	0.5256	432	-425	0.5142	-0.0114	-0.0600
44	502	-475	0.5862	488	-479	0.5802	-0.0060	-0.0486
46	525	-501	0.6156	511	-506	0.6102	-0.0054	-0.0426
48	547	-518	0.6390	530	-521	0.6306	-0.0084	-0.0372
50	613	-590	0.7218	602	-592	0.7164	-0.0054	-0.0288
52	646	-621	0.7602	629	-621	0.7500	-0.0102	-0.0234
54	651	-624	0.7650	637	-627	0.7584	-0.0066	-0.0132
56	605	-582	0.7122	591	-585	0.7056	-0.0066	-0.0066
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS24  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 11:24:06 AM

**INITIAL SURVEY** 5/19/2009 8:27:16 AM

**DATE PRINTED** 10/15/2009 10:20:56 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-146	167	-0.1878	83	-75	0.0948	0.2826	0.2118
4	-150	179	-0.1974	-157	173	-0.1980	-0.0006	-0.0708
6	-191	214	-0.2430	-198	209	-0.2442	-0.0012	-0.0702
8	-335	359	-0.4164	-341	352	-0.4158	0.0006	-0.0690
10	-436	461	-0.5382	-441	454	-0.5370	0.0012	-0.0696
12	-466	489	-0.5730	-471	485	-0.5736	-0.0006	-0.0708
14	-479	507	-0.5916	-482	495	-0.5862	0.0054	-0.0702
16	-418	441	-0.5154	-422	433	-0.5130	0.0024	-0.0756
18	-298	322	-0.3720	-305	318	-0.3738	-0.0018	-0.0780
20	-127	152	-0.1674	-135	147	-0.1692	-0.0018	-0.0762
22	-92	117	-0.1254	-97	111	-0.1248	0.0006	-0.0744
24	-68	93	-0.0966	-71	87	-0.0948	0.0018	-0.0750
26	-22	49	-0.0426	-26	42	-0.0408	0.0018	-0.0768
28	23	5	0.0108	10	1	0.0054	-0.0054	-0.0786
30	205	-181	0.2316	198	-186	0.2304	-0.0012	-0.0732
32	252	-227	0.2874	245	-229	0.2844	-0.0030	-0.0720
34	321	-293	0.3684	311	-295	0.3636	-0.0048	-0.0690
36	347	-323	0.4020	338	-327	0.3990	-0.0030	-0.0642
38	357	-330	0.4122	346	-330	0.4056	-0.0066	-0.0612
40	428	-402	0.4980	418	-404	0.4932	-0.0048	-0.0546
42	451	-425	0.5256	436	-422	0.5148	-0.0108	-0.0498
44	502	-475	0.5862	492	-477	0.5814	-0.0048	-0.0390
46	525	-501	0.6156	517	-504	0.6126	-0.0030	-0.0342
48	547	-518	0.6390	534	-517	0.6306	-0.0084	-0.0312
50	613	-590	0.7218	607	-589	0.7176	-0.0042	-0.0228
52	646	-621	0.7602	633	-618	0.7506	-0.0096	-0.0186
54	651	-624	0.7650	642	-625	0.7602	-0.0048	-0.0090
56	605	-582	0.7122	597	-583	0.7080	-0.0042	-0.0042
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS24  
**DESCRIPTION**

**CURRENT SURVEY** 7/13/2009 12:14:33 PM

**INITIAL SURVEY** 5/19/2009 8:27:16 AM

**DATE PRINTED** 10/15/2009 10:21:04 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-25	34	-0.0354	-18	51	-0.0414	-0.0060	-0.0162
4	149	-139	0.1728	185	-135	0.1920	0.0192	-0.0102
6	262	-233	0.2970	274	-218	0.2952	-0.0018	-0.0294
8	235	-209	0.2664	246	-201	0.2682	0.0018	-0.0276
10	193	-164	0.2142	205	-155	0.2160	0.0018	-0.0294
12	281	-252	0.3198	294	-241	0.3210	0.0012	-0.0312
14	335	-303	0.3828	351	-300	0.3906	0.0078	-0.0324
16	327	-300	0.3762	337	-288	0.3750	-0.0012	-0.0402
18	231	-206	0.2622	231	-195	0.2556	-0.0066	-0.0390
20	86	-57	0.0858	85	-46	0.0786	-0.0072	-0.0324
22	-44	73	-0.0702	-38	82	-0.0720	-0.0018	-0.0252
24	-165	194	-0.2154	-157	205	-0.2172	-0.0018	-0.0234
26	-255	287	-0.3252	-244	294	-0.3228	0.0024	-0.0216
28	-383	402	-0.4710	-375	406	-0.4686	0.0024	-0.0240
30	-545	576	-0.6726	-534	586	-0.6720	0.0006	-0.0264
32	-654	682	-0.8016	-643	694	-0.8022	-0.0006	-0.0270
34	-739	772	-0.9066	-731	782	-0.9078	-0.0012	-0.0264
36	-782	814	-0.9576	-773	825	-0.9588	-0.0012	-0.0252
38	-786	811	-0.9582	-778	821	-0.9594	-0.0012	-0.0240
40	-825	858	-1.0098	-822	870	-1.0152	-0.0054	-0.0228
42	-848	880	-1.0368	-844	894	-1.0428	-0.0060	-0.0174
44	-845	877	-1.0332	-833	891	-1.0344	-0.0012	-0.0114
46	-857	891	-1.0488	-850	905	-1.0530	-0.0042	-0.0102
48	-897	922	-1.0914	-888	936	-1.0944	-0.0030	-0.0060
50	-994	1021	-1.2090	-978	1031	-1.2054	0.0036	-0.0030
52	-1070	1099	-1.3014	-1059	1109	-1.3008	0.0006	-0.0066
54	-1037	1060	-1.2582	-1021	1075	-1.2576	0.0006	-0.0072
56	-991	1025	-1.2096	-991	1038	-1.2174	-0.0078	-0.0078
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS24  
**DESCRIPTION**

**CURRENT SURVEY** 7/30/2009 3:23:16 PM

**INITIAL SURVEY** 5/19/2009 8:27:16 AM

**DATE PRINTED** 10/15/2009 10:21:04 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-25	34	-0.0354	2	27	-0.0150	0.0204	0.0108
4	149	-139	0.1728	185	-135	0.1920	0.0192	-0.0096
6	262	-233	0.2970	274	-219	0.2958	-0.0012	-0.0288
8	235	-209	0.2664	243	-194	0.2622	-0.0042	-0.0276
10	193	-164	0.2142	205	-151	0.2136	-0.0006	-0.0234
12	281	-252	0.3198	294	-242	0.3216	0.0018	-0.0228
14	335	-303	0.3828	351	-298	0.3894	0.0066	-0.0246
16	327	-300	0.3762	337	-288	0.3750	-0.0012	-0.0312
18	231	-206	0.2622	230	-195	0.2550	-0.0072	-0.0300
20	86	-57	0.0858	92	-49	0.0846	-0.0012	-0.0228
22	-44	73	-0.0702	-37	80	-0.0702	0.0000	-0.0216
24	-165	194	-0.2154	-158	205	-0.2178	-0.0024	-0.0216
26	-255	287	-0.3252	-250	297	-0.3282	-0.0030	-0.0192
28	-383	402	-0.4710	-382	410	-0.4752	-0.0042	-0.0162
30	-545	576	-0.6726	-535	588	-0.6738	-0.0012	-0.0120
32	-654	682	-0.8016	-645	695	-0.8040	-0.0024	-0.0108
34	-739	772	-0.9066	-731	783	-0.9084	-0.0018	-0.0084
36	-782	814	-0.9576	-771	826	-0.9582	-0.0006	-0.0066
38	-786	811	-0.9582	-777	821	-0.9588	-0.0006	-0.0060
40	-825	858	-1.0098	-817	870	-1.0122	-0.0024	-0.0054
42	-848	880	-1.0368	-838	893	-1.0386	-0.0018	-0.0030
44	-845	877	-1.0332	-831	890	-1.0326	0.0006	-0.0012
46	-857	891	-1.0488	-850	905	-1.0530	-0.0042	-0.0018
48	-897	922	-1.0914	-887	937	-1.0944	-0.0030	0.0024
50	-994	1021	-1.2090	-981	1032	-1.2078	0.0012	0.0054
52	-1070	1099	-1.3014	-1059	1110	-1.3014	0.0000	0.0042
54	-1037	1060	-1.2582	-1018	1074	-1.2552	0.0030	0.0042
56	-991	1025	-1.2096	-985	1029	-1.2084	0.0012	0.0012
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS24  
**DESCRIPTION**

**CURRENT SURVEY** 8/12/2009 10:38:07 AM

**INITIAL SURVEY** 5/19/2009 8:27:16 AM

**DATE PRINTED** 10/15/2009 10:21:04 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-25	34	-0.0354	5	33	-0.0168	0.0186	-0.0102
4	149	-139	0.1728	186	-135	0.1926	0.0198	-0.0288
6	262	-233	0.2970	274	-219	0.2958	-0.0012	-0.0486
8	235	-209	0.2664	245	-194	0.2634	-0.0030	-0.0474
10	193	-164	0.2142	205	-151	0.2136	-0.0006	-0.0444
12	281	-252	0.3198	293	-239	0.3192	-0.0006	-0.0438
14	335	-303	0.3828	352	-296	0.3888	0.0060	-0.0432
16	327	-300	0.3762	337	-286	0.3738	-0.0024	-0.0492
18	231	-206	0.2622	230	-197	0.2562	-0.0060	-0.0468
20	86	-57	0.0858	92	-47	0.0834	-0.0024	-0.0408
22	-44	73	-0.0702	-36	82	-0.0708	-0.0006	-0.0384
24	-165	194	-0.2154	-157	205	-0.2172	-0.0018	-0.0378
26	-255	287	-0.3252	-247	299	-0.3276	-0.0024	-0.0360
28	-383	402	-0.4710	-383	413	-0.4776	-0.0066	-0.0336
30	-545	576	-0.6726	-535	588	-0.6738	-0.0012	-0.0270
32	-654	682	-0.8016	-645	694	-0.8034	-0.0018	-0.0258
34	-739	772	-0.9066	-731	785	-0.9096	-0.0030	-0.0240
36	-782	814	-0.9576	-773	827	-0.9600	-0.0024	-0.0210
38	-786	811	-0.9582	-778	821	-0.9594	-0.0012	-0.0186
40	-825	858	-1.0098	-819	870	-1.0134	-0.0036	-0.0174
42	-848	880	-1.0368	-840	894	-1.0404	-0.0036	-0.0138
44	-845	877	-1.0332	-832	891	-1.0338	-0.0006	-0.0102
46	-857	891	-1.0488	-850	905	-1.0530	-0.0042	-0.0096
48	-897	922	-1.0914	-888	938	-1.0956	-0.0042	-0.0054
50	-994	1021	-1.2090	-979	1034	-1.2078	0.0012	-0.0012
52	-1070	1099	-1.3014	-1058	1112	-1.3020	-0.0006	-0.0024
54	-1037	1060	-1.2582	-1019	1074	-1.2558	0.0024	-0.0018
56	-991	1025	-1.2096	-984	1039	-1.2138	-0.0042	-0.0042
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000



**SITE** JSF  
**INSTALLATION** JS24  
**DESCRIPTION**

**CURRENT SURVEY** 9/8/2009 2:26:49 PM

**INITIAL SURVEY** 5/19/2009 8:27:16 AM

**DATE PRINTED** 10/15/2009 10:21:04 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-25	34	-0.0354	7	32	-0.0150	0.0204	0.0030
4	149	-139	0.1728	189	-135	0.1944	0.0216	-0.0174
6	262	-233	0.2970	279	-218	0.2982	0.0012	-0.0390
8	235	-209	0.2664	247	-191	0.2628	-0.0036	-0.0402
10	193	-164	0.2142	207	-149	0.2136	-0.0006	-0.0366
12	281	-252	0.3198	296	-239	0.3210	0.0012	-0.0360
14	335	-303	0.3828	356	-294	0.3900	0.0072	-0.0372
16	327	-300	0.3762	338	-284	0.3732	-0.0030	-0.0444
18	231	-206	0.2622	233	-198	0.2586	-0.0036	-0.0414
20	86	-57	0.0858	94	-43	0.0822	-0.0036	-0.0378
22	-44	73	-0.0702	-33	85	-0.0708	-0.0006	-0.0342
24	-165	194	-0.2154	-154	206	-0.2160	-0.0006	-0.0336
26	-255	287	-0.3252	-245	301	-0.3276	-0.0024	-0.0330
28	-383	402	-0.4710	-379	415	-0.4764	-0.0054	-0.0306
30	-545	576	-0.6726	-533	591	-0.6744	-0.0018	-0.0252
32	-654	682	-0.8016	-642	698	-0.8040	-0.0024	-0.0234
34	-739	772	-0.9066	-728	789	-0.9102	-0.0036	-0.0210
36	-782	814	-0.9576	-767	829	-0.9576	0.0000	-0.0174
38	-786	811	-0.9582	-775	825	-0.9600	-0.0018	-0.0174
40	-825	858	-1.0098	-815	869	-1.0104	-0.0006	-0.0156
42	-848	880	-1.0368	-837	898	-1.0410	-0.0042	-0.0150
44	-845	877	-1.0332	-829	895	-1.0344	-0.0012	-0.0108
46	-857	891	-1.0488	-849	909	-1.0548	-0.0060	-0.0096
48	-897	922	-1.0914	-885	942	-1.0962	-0.0048	-0.0036
50	-994	1021	-1.2090	-975	1036	-1.2066	0.0024	0.0012
52	-1070	1099	-1.3014	-1055	1113	-1.3008	0.0006	-0.0012
54	-1037	1060	-1.2582	-1015	1078	-1.2558	0.0024	-0.0018
56	-991	1025	-1.2096	-982	1041	-1.2138	-0.0042	-0.0042
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS24  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 11:24:06 AM

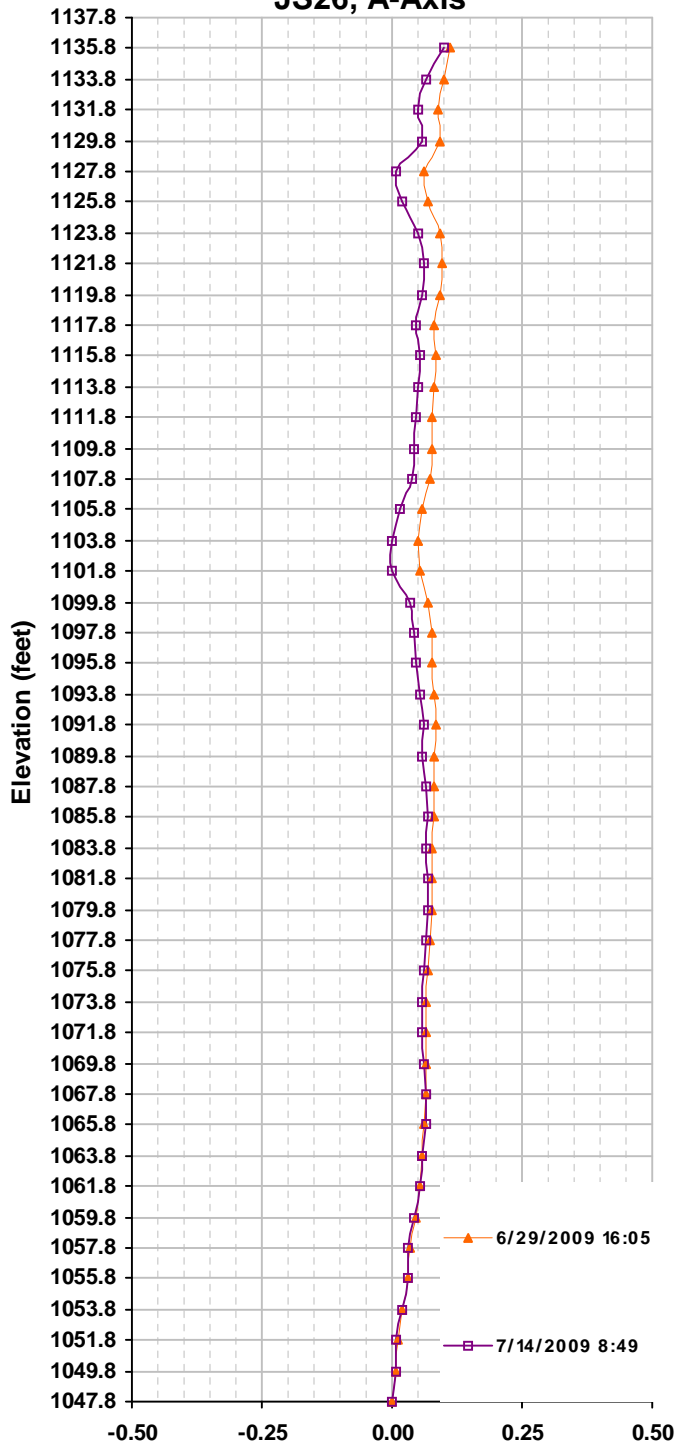
**INITIAL SURVEY** 5/19/2009 8:27:16 AM

**DATE PRINTED** 10/15/2009 10:21:04 AM

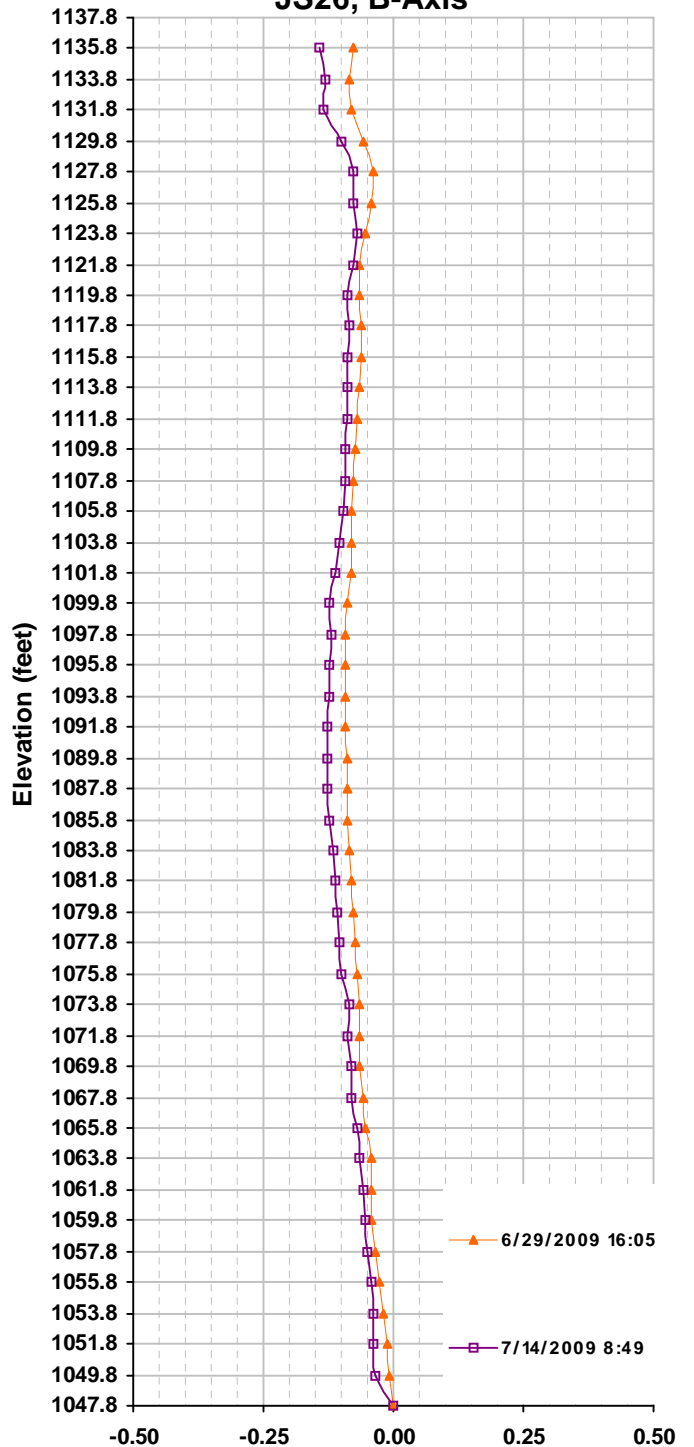
Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-25	34	-0.0354	-8	41	-0.0294	0.0060	0.0084
4	149	-139	0.1728	189	-137	0.1956	0.0228	0.0024
6	262	-233	0.2970	275	-219	0.2964	-0.0006	-0.0204
8	235	-209	0.2664	246	-194	0.2640	-0.0024	-0.0198
10	193	-164	0.2142	207	-154	0.2166	0.0024	-0.0174
12	281	-252	0.3198	295	-239	0.3204	0.0006	-0.0198
14	335	-303	0.3828	354	-297	0.3906	0.0078	-0.0204
16	327	-300	0.3762	339	-282	0.3726	-0.0036	-0.0282
18	231	-206	0.2622	230	-196	0.2556	-0.0066	-0.0246
20	86	-57	0.0858	94	-46	0.0840	-0.0018	-0.0180
22	-44	73	-0.0702	-34	84	-0.0708	-0.0006	-0.0162
24	-165	194	-0.2154	-154	203	-0.2142	0.0012	-0.0156
26	-255	287	-0.3252	-248	299	-0.3282	-0.0030	-0.0168
28	-383	402	-0.4710	-380	415	-0.4770	-0.0060	-0.0138
30	-545	576	-0.6726	-535	589	-0.6744	-0.0018	-0.0078
32	-654	682	-0.8016	-643	693	-0.8016	0.0000	-0.0060
34	-739	772	-0.9066	-729	786	-0.9090	-0.0024	-0.0060
36	-782	814	-0.9576	-769	826	-0.9570	0.0006	-0.0036
38	-786	811	-0.9582	-774	823	-0.9582	0.0000	-0.0042
40	-825	858	-1.0098	-816	871	-1.0122	-0.0024	-0.0042
42	-848	880	-1.0368	-837	895	-1.0392	-0.0024	-0.0018
44	-845	877	-1.0332	-829	889	-1.0308	0.0024	0.0006
46	-857	891	-1.0488	-846	906	-1.0512	-0.0024	-0.0018
48	-897	922	-1.0914	-885	939	-1.0944	-0.0030	0.0006
50	-994	1021	-1.2090	-977	1033	-1.2060	0.0030	0.0036
52	-1070	1099	-1.3014	-1055	1111	-1.2996	0.0018	0.0006
54	-1037	1060	-1.2582	-1017	1076	-1.2558	0.0024	-0.0012
56	-991	1025	-1.2096	-982	1040	-1.2132	-0.0036	-0.0036
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000

JS26, A-Axis

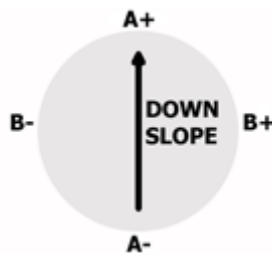


JS26, B-Axis



Cumulative Displacement (in) from 6/16/2009

Cumulative Displacement (in) from 6/16/2009



John Sevier Fossil Plant

Rogersville, TN

175569038

7/16/2009

**SITE** JSF  
**INSTALLATION** JS26  
**DESCRIPTION**

**CURRENT SURVEY** 6/29/2009 4:05:40 PM

**INITIAL SURVEY** 6/16/2009 5:20:00 PM

**DATE PRINTED** 7/15/2009 7:48:56 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
6	239	-252	0.2946	262	-247	0.3054	0.0108	0.1110
8	207	-221	0.2568	228	-219	0.2682	0.0114	0.1002
10	262	-279	0.3246	273	-264	0.3222	-0.0024	0.0888
12	414	-431	0.5070	453	-444	0.5382	0.0312	0.0912
14	395	-413	0.4848	401	-391	0.4752	-0.0096	0.0600
16	340	-357	0.4182	335	-324	0.3954	-0.0228	0.0696
18	250	-267	0.3102	258	-251	0.3054	-0.0048	0.0924
20	149	-166	0.1890	167	-159	0.1956	0.0066	0.0972
22	32	-48	0.0480	51	-43	0.0564	0.0084	0.0906
24	-29	13	-0.0252	-17	27	-0.0264	-0.0012	0.0822
26	-29	11	-0.0240	-13	22	-0.0210	0.0030	0.0834
28	-44	29	-0.0438	-31	39	-0.0420	0.0018	0.0804
30	-70	54	-0.0744	-56	63	-0.0714	0.0030	0.0786
32	-123	106	-0.1374	-107	116	-0.1338	0.0036	0.0756
34	-271	255	-0.3156	-246	258	-0.3024	0.0132	0.0720
36	-552	532	-0.6504	-529	538	-0.6402	0.0102	0.0588
38	-688	673	-0.8166	-679	688	-0.8202	-0.0036	0.0486
40	-462	446	-0.5448	-465	473	-0.5628	-0.0180	0.0522
42	-201	184	-0.2310	-193	200	-0.2358	-0.0048	0.0702
44	-180	163	-0.2058	-169	179	-0.2088	-0.0030	0.0750
46	-86	69	-0.0930	-75	83	-0.0948	-0.0018	0.0780
48	33	-48	0.0486	42	-34	0.0456	-0.0030	0.0798
50	110	-126	0.1416	123	-116	0.1434	0.0018	0.0828
52	147	-164	0.1866	160	-151	0.1866	0.0000	0.0810
54	229	-245	0.2844	242	-231	0.2838	-0.0006	0.0810
56	299	-316	0.3690	314	-306	0.3720	0.0030	0.0816
58	397	-412	0.4854	409	-400	0.4854	0.0000	0.0786
60	461	-477	0.5628	474	-467	0.5646	0.0018	0.0786
62	471	-488	0.5754	487	-478	0.5790	0.0036	0.0768
64	436	-452	0.5328	451	-442	0.5358	0.0030	0.0732
66	451	-468	0.5514	467	-458	0.5550	0.0036	0.0702
68	472	-486	0.5748	484	-474	0.5748	0.0000	0.0666
70	527	-543	0.6420	539	-531	0.6420	0.0000	0.0666
72	622	-638	0.7560	636	-625	0.7566	0.0006	0.0666
74	687	-705	0.8352	703	-694	0.8382	0.0030	0.0660
76	716	-734	0.8700	736	-725	0.8766	0.0066	0.0630
78	711	-726	0.8622	726	-717	0.8658	0.0036	0.0564
80	734	-751	0.8910	754	-745	0.8994	0.0084	0.0528
82	680	-697	0.8262	702	-691	0.8358	0.0096	0.0444

**SITE** JSF  
**INSTALLATION** JS26  
**DESCRIPTION**

**CURRENT SURVEY** 6/29/2009 4:05:40 PM  
**INITIAL SURVEY** 6/16/2009 5:20:00 PM  
**DATE PRINTED** 7/15/2009 7:48:56 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
84	725	-742	0.8802	742	-730	0.8832	0.0030	0.0348
86	774	-792	0.9396	797	-789	0.9516	0.0120	0.0318
88	688	-704	0.8352	709	-697	0.8436	0.0084	0.0198
90	724	-741	0.8790	741	-730	0.8826	0.0036	0.0114
92	783	-801	0.9504	804	-793	0.9582	0.0078	0.0078
94	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS26  
**DESCRIPTION**

**CURRENT SURVEY** 7/14/2009 8:49:53 AM

**INITIAL SURVEY** 6/16/2009 5:20:00 PM

**DATE PRINTED** 7/15/2009 7:48:56 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
6	239	-252	0.2946	278	-266	0.3264	0.0318	0.0990
8	207	-221	0.2568	231	-223	0.2724	0.0156	0.0672
10	262	-279	0.3246	269	-264	0.3198	-0.0048	0.0516
12	414	-431	0.5070	467	-461	0.5568	0.0498	0.0564
14	395	-413	0.4848	397	-390	0.4722	-0.0126	0.0066
16	340	-357	0.4182	325	-319	0.3864	-0.0318	0.0192
18	250	-267	0.3102	253	-249	0.3012	-0.0090	0.0510
20	149	-166	0.1890	161	-159	0.1920	0.0030	0.0600
22	32	-48	0.0480	51	-46	0.0582	0.0102	0.0570
24	-29	13	-0.0252	-22	29	-0.0306	-0.0054	0.0468
26	-29	11	-0.0240	-13	21	-0.0204	0.0036	0.0522
28	-44	29	-0.0438	-31	37	-0.0408	0.0030	0.0486
30	-70	54	-0.0744	-56	61	-0.0702	0.0042	0.0456
32	-123	106	-0.1374	-107	115	-0.1332	0.0042	0.0414
34	-271	255	-0.3156	-241	249	-0.2940	0.0216	0.0372
36	-552	532	-0.6504	-525	530	-0.6330	0.0174	0.0156
38	-688	673	-0.8166	-679	688	-0.8202	-0.0036	-0.0018
40	-462	446	-0.5448	-478	482	-0.5760	-0.0312	0.0018
42	-201	184	-0.2310	-197	203	-0.2400	-0.0090	0.0330
44	-180	163	-0.2058	-173	180	-0.2118	-0.0060	0.0420
46	-86	69	-0.0930	-79	85	-0.0984	-0.0054	0.0480
48	33	-48	0.0486	38	-31	0.0414	-0.0072	0.0534
50	110	-126	0.1416	121	-117	0.1428	0.0012	0.0606
52	147	-164	0.1866	155	-149	0.1824	-0.0042	0.0594
54	229	-245	0.2844	237	-230	0.2802	-0.0042	0.0636
56	299	-316	0.3690	311	-305	0.3696	0.0006	0.0678
58	397	-412	0.4854	407	-398	0.4830	-0.0024	0.0672
60	461	-477	0.5628	473	-468	0.5646	0.0018	0.0696
62	471	-488	0.5754	487	-479	0.5796	0.0042	0.0678
64	436	-452	0.5328	450	-443	0.5358	0.0030	0.0636
66	451	-468	0.5514	466	-460	0.5556	0.0042	0.0606
68	472	-486	0.5748	482	-474	0.5736	-0.0012	0.0564
70	527	-543	0.6420	534	-531	0.6390	-0.0030	0.0576
72	622	-638	0.7560	630	-622	0.7512	-0.0048	0.0606
74	687	-705	0.8352	701	-694	0.8370	0.0018	0.0654
76	716	-734	0.8700	734	-726	0.8760	0.0060	0.0636
78	711	-726	0.8622	726	-718	0.8664	0.0042	0.0576
80	734	-751	0.8910	755	-748	0.9018	0.0108	0.0534
82	680	-697	0.8262	703	-695	0.8388	0.0126	0.0426

**SITE** JSF  
**INSTALLATION** JS26  
**DESCRIPTION**

**CURRENT SURVEY** 7/14/2009 8:49:53 AM  
**INITIAL SURVEY** 6/16/2009 5:20:00 PM  
**DATE PRINTED** 7/15/2009 7:48:56 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
84	725	-742	0.8802	736	-727	0.8778	-0.0024	0.0300
86	774	-792	0.9396	799	-791	0.9540	0.0144	0.0324
88	688	-704	0.8352	707	-701	0.8448	0.0096	0.0180
90	724	-741	0.8790	736	-731	0.8802	0.0012	0.0084
92	783	-801	0.9504	802	-794	0.9576	0.0072	0.0072
94	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS26  
**DESCRIPTION**

**CURRENT SURVEY** 6/29/2009 4:05:40 PM

**INITIAL SURVEY** 6/16/2009 5:20:00 PM

**DATE PRINTED** 7/15/2009 7:49:06 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
6	225	-223	0.2688	255	-201	0.2736	0.0048	-0.0786
8	212	-213	0.2550	235	-187	0.2532	-0.0018	-0.0834
10	34	-32	0.0396	35	6	0.0174	-0.0222	-0.0816
12	-245	245	-0.2940	-235	287	-0.3132	-0.0192	-0.0594
14	-310	307	-0.3702	-291	321	-0.3672	0.0030	-0.0402
16	-104	107	-0.1266	-83	110	-0.1158	0.0108	-0.0432
18	88	-85	0.1038	121	-74	0.1170	0.0132	-0.0540
20	217	-214	0.2586	233	-193	0.2556	-0.0030	-0.0672
22	288	-287	0.3450	316	-254	0.3420	-0.0030	-0.0642
24	275	-275	0.3300	299	-250	0.3294	-0.0006	-0.0612
26	310	-307	0.3702	333	-290	0.3738	0.0036	-0.0606
28	274	-273	0.3282	301	-254	0.3330	0.0048	-0.0642
30	222	-220	0.2652	250	-201	0.2706	0.0054	-0.0690
32	203	-202	0.2430	233	-174	0.2442	0.0012	-0.0744
34	191	-190	0.2286	217	-172	0.2334	0.0048	-0.0756
36	89	-88	0.1062	102	-73	0.1050	-0.0012	-0.0804
38	-101	103	-0.1224	-71	129	-0.1200	0.0024	-0.0792
40	-80	82	-0.0972	-51	98	-0.0894	0.0078	-0.0816
42	49	-48	0.0582	79	-22	0.0606	0.0024	-0.0894
44	102	-100	0.1212	117	-85	0.1212	0.0000	-0.0918
46	187	-184	0.2226	210	-161	0.2226	0.0000	-0.0918
48	204	-202	0.2436	230	-177	0.2442	0.0006	-0.0918
50	202	-201	0.2418	222	-174	0.2376	-0.0042	-0.0924
52	210	-209	0.2514	238	-183	0.2526	0.0012	-0.0882
54	223	-222	0.2670	244	-201	0.2670	0.0000	-0.0894
56	241	-239	0.2880	256	-216	0.2832	-0.0048	-0.0894
58	186	-185	0.2226	204	-158	0.2172	-0.0054	-0.0846
60	131	-132	0.1578	158	-101	0.1554	-0.0024	-0.0792
62	122	-119	0.1446	145	-89	0.1404	-0.0042	-0.0768
64	102	-101	0.1218	122	-77	0.1194	-0.0024	-0.0726
66	156	-154	0.1860	179	-126	0.1830	-0.0030	-0.0702
68	168	-165	0.1998	187	-141	0.1968	-0.0030	-0.0672
70	189	-190	0.2274	216	-163	0.2274	0.0000	-0.0642
72	259	-257	0.3096	277	-226	0.3018	-0.0078	-0.0642
74	361	-359	0.4320	371	-342	0.4278	-0.0042	-0.0564
76	478	-475	0.5718	489	-447	0.5616	-0.0102	-0.0522
78	533	-530	0.6378	559	-507	0.6396	0.0018	-0.0420
80	582	-579	0.6966	604	-552	0.6936	-0.0030	-0.0438
82	617	-615	0.7392	639	-580	0.7314	-0.0078	-0.0408



**SITE** JSF  
**INSTALLATION** JS26  
**DESCRIPTION**

**CURRENT SURVEY** 6/29/2009 4:05:40 PM  
**INITIAL SURVEY** 6/16/2009 5:20:00 PM  
**DATE PRINTED** 7/15/2009 7:49:06 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
84	634	-634	0.7608	655	-606	0.7566	-0.0042	-0.0330
86	662	-660	0.7932	681	-625	0.7836	-0.0096	-0.0288
88	609	-607	0.7296	626	-578	0.7224	-0.0072	-0.0192
90	631	-628	0.7554	652	-603	0.7530	-0.0024	-0.0120
92	693	-691	0.8304	673	-695	0.8208	-0.0096	-0.0096
94	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS26  
**DESCRIPTION**

**CURRENT SURVEY** 7/14/2009 8:49:53 AM

**INITIAL SURVEY** 6/16/2009 5:20:00 PM

**DATE PRINTED** 7/15/2009 7:49:06 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
6	225	-223	0.2688	241	-188	0.2574	-0.0114	-0.1434
8	212	-213	0.2550	241	-188	0.2574	0.0024	-0.1320
10	34	-32	0.0396	26	15	0.0066	-0.0330	-0.1344
12	-245	245	-0.2940	-235	294	-0.3174	-0.0234	-0.1014
14	-310	307	-0.3702	-293	327	-0.3720	-0.0018	-0.0780
16	-104	107	-0.1266	-107	117	-0.1344	-0.0078	-0.0762
18	88	-85	0.1038	107	-81	0.1128	0.0090	-0.0684
20	217	-214	0.2586	252	-198	0.2700	0.0114	-0.0774
22	288	-287	0.3450	318	-251	0.3414	-0.0036	-0.0888
24	275	-275	0.3300	303	-250	0.3318	0.0018	-0.0852
26	310	-307	0.3702	339	-281	0.3720	0.0018	-0.0870
28	274	-273	0.3282	303	-245	0.3288	0.0006	-0.0888
30	222	-220	0.2652	254	-192	0.2676	0.0024	-0.0894
32	203	-202	0.2430	229	-175	0.2424	-0.0006	-0.0918
34	191	-190	0.2286	216	-175	0.2346	0.0060	-0.0912
36	89	-88	0.1062	115	-75	0.1140	0.0078	-0.0972
38	-101	103	-0.1224	-68	125	-0.1158	0.0066	-0.1050
40	-80	82	-0.0972	-51	94	-0.0870	0.0102	-0.1116
42	49	-48	0.0582	76	-19	0.0570	-0.0012	-0.1218
44	102	-100	0.1212	123	-84	0.1242	0.0030	-0.1206
46	187	-184	0.2226	215	-157	0.2232	0.0006	-0.1236
48	204	-202	0.2436	233	-176	0.2454	0.0018	-0.1242
50	202	-201	0.2418	231	-171	0.2412	-0.0006	-0.1260
52	210	-209	0.2514	243	-176	0.2514	0.0000	-0.1254
54	223	-222	0.2670	243	-196	0.2634	-0.0036	-0.1254
56	241	-239	0.2880	259	-210	0.2814	-0.0066	-0.1218
58	186	-185	0.2226	208	-158	0.2196	-0.0030	-0.1152
60	131	-132	0.1578	154	-101	0.1530	-0.0048	-0.1122
62	122	-119	0.1446	146	-87	0.1398	-0.0048	-0.1074
64	102	-101	0.1218	124	-75	0.1194	-0.0024	-0.1026
66	156	-154	0.1860	163	-122	0.1710	-0.0150	-0.1002
68	168	-165	0.1998	193	-143	0.2016	0.0018	-0.0852
70	189	-190	0.2274	213	-158	0.2226	-0.0048	-0.0870
72	259	-257	0.3096	282	-231	0.3078	-0.0018	-0.0822
74	361	-359	0.4320	366	-338	0.4224	-0.0096	-0.0804
76	478	-475	0.5718	499	-444	0.5658	-0.0060	-0.0708
78	533	-530	0.6378	551	-502	0.6318	-0.0060	-0.0648
80	582	-579	0.6966	602	-550	0.6912	-0.0054	-0.0588
82	617	-615	0.7392	647	-577	0.7344	-0.0048	-0.0534

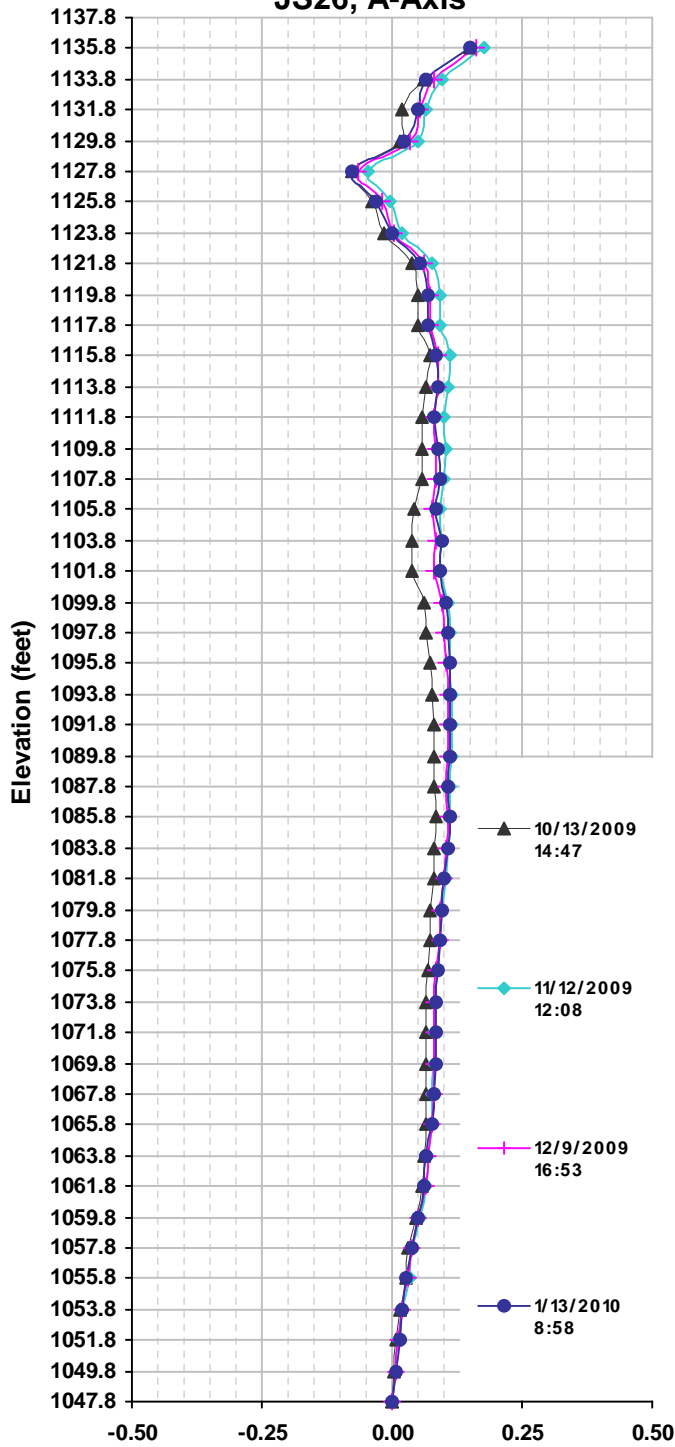
**SITE** JSF  
**INSTALLATION** JS26  
**DESCRIPTION**

**CURRENT SURVEY** 7/14/2009 8:49:53 AM  
**INITIAL SURVEY** 6/16/2009 5:20:00 PM  
**DATE PRINTED** 7/15/2009 7:49:06 AM

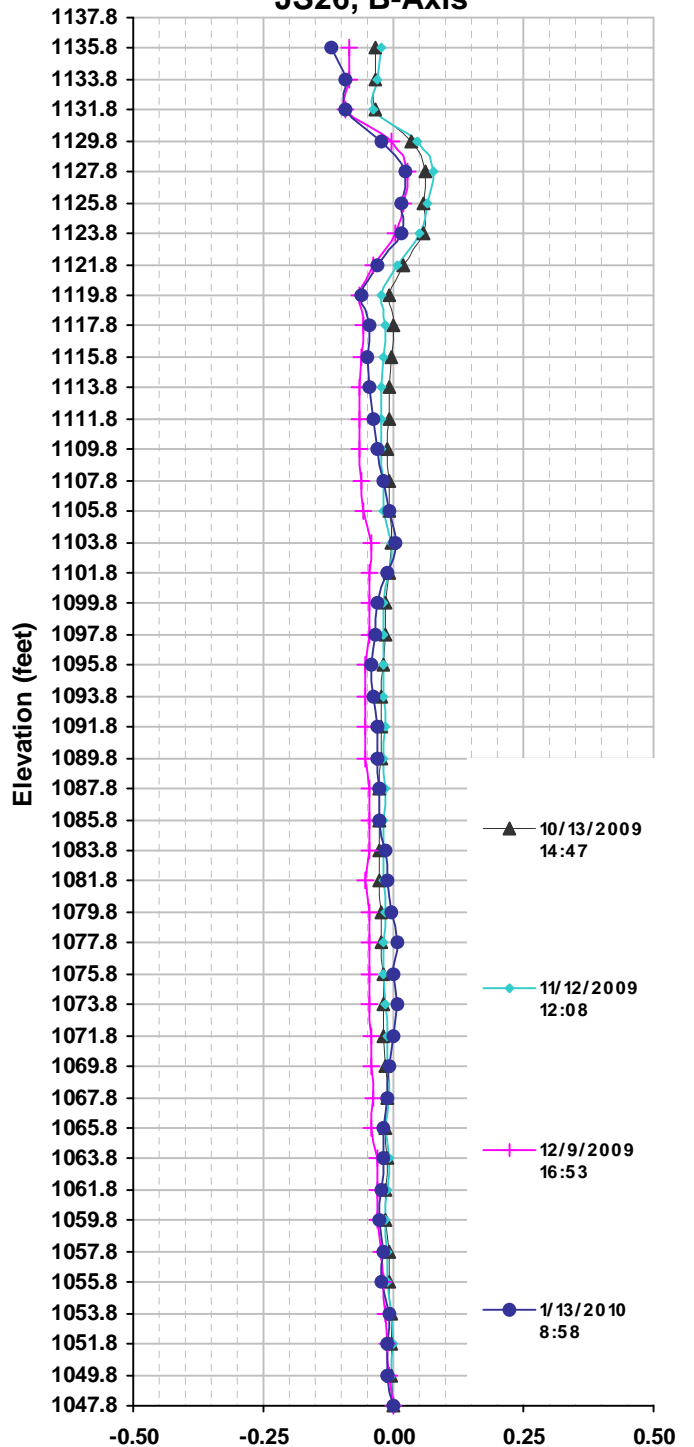
Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
84	634	-634	0.7608	654	-604	0.7548	-0.0060	-0.0486
86	662	-660	0.7932	685	-628	0.7878	-0.0054	-0.0426
88	609	-607	0.7296	635	-580	0.7290	-0.0006	-0.0372
90	631	-628	0.7554	653	-602	0.7530	-0.0024	-0.0366
92	693	-691	0.8304	674	-653	0.7962	-0.0342	-0.0342
94	0	0	0.0000	0	0	0.0000	0.0000	0.0000

JS26, A-Axis

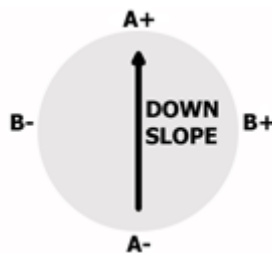


JS26, B-Axis



Cumulative Displacement (in) from 6/16/2009

Cumulative Displacement (in) from 6/16/2009



John Sevier Fossil Plant

Rogersville, TN

175569038

1/13/2010

**SITE** JSF  
**INSTALLATION** JS26  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 2:47:49 PM

**INITIAL SURVEY** 6/16/2009 5:20:00 PM

**DATE PRINTED** 1/13/2010 3:47:29 PM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
6	239	-252	0.2946	325	-313	0.3828	0.0882	0.1482
8	207	-221	0.2568	251	-242	0.2958	0.0390	0.0600
10	262	-279	0.3246	279	-270	0.3294	0.0048	0.0210
12	414	-431	0.5070	502	-495	0.5982	0.0912	0.0162
14	395	-413	0.4848	376	-368	0.4464	-0.0384	-0.0750
16	340	-357	0.4182	335	-325	0.3960	-0.0222	-0.0366
18	250	-267	0.3102	219	-210	0.2574	-0.0528	-0.0144
20	149	-166	0.1890	150	-143	0.1758	-0.0132	0.0384
22	32	-48	0.0480	44	-36	0.0480	0.0000	0.0516
24	-29	13	-0.0252	-34	42	-0.0456	-0.0204	0.0516
26	-29	11	-0.0240	-10	18	-0.0168	0.0072	0.0720
28	-44	29	-0.0438	-26	35	-0.0366	0.0072	0.0648
30	-70	54	-0.0744	-58	66	-0.0744	0.0000	0.0576
32	-123	106	-0.1374	-108	118	-0.1356	0.0018	0.0576
34	-271	255	-0.3156	-248	254	-0.3012	0.0144	0.0558
36	-552	532	-0.6504	-534	545	-0.6474	0.0030	0.0414
38	-688	673	-0.8166	-675	686	-0.8166	0.0000	0.0384
40	-462	446	-0.5448	-469	475	-0.5664	-0.0216	0.0384
42	-201	184	-0.2310	-195	202	-0.2382	-0.0072	0.0600
44	-180	163	-0.2058	-171	181	-0.2112	-0.0054	0.0672
46	-86	69	-0.0930	-78	83	-0.0966	-0.0036	0.0726
48	33	-48	0.0486	42	-33	0.0450	-0.0036	0.0762
50	110	-126	0.1416	122	-115	0.1422	0.0006	0.0798
52	147	-164	0.1866	159	-150	0.1854	-0.0012	0.0792
54	229	-245	0.2844	239	-230	0.2814	-0.0030	0.0804
56	299	-316	0.3690	314	-305	0.3714	0.0024	0.0834
58	397	-412	0.4854	410	-401	0.4866	0.0012	0.0810
60	461	-477	0.5628	477	-469	0.5676	0.0048	0.0798
62	471	-488	0.5754	487	-478	0.5790	0.0036	0.0750
64	436	-452	0.5328	451	-443	0.5364	0.0036	0.0714
66	451	-468	0.5514	467	-459	0.5556	0.0042	0.0678
68	472	-486	0.5748	482	-474	0.5736	-0.0012	0.0636
70	527	-543	0.6420	537	-529	0.6396	-0.0024	0.0648
72	622	-638	0.7560	635	-625	0.7560	0.0000	0.0672
74	687	-705	0.8352	702	-691	0.8358	0.0006	0.0672
76	716	-734	0.8700	735	-726	0.8766	0.0066	0.0666
78	711	-726	0.8622	725	-716	0.8646	0.0024	0.0600
80	734	-751	0.8910	757	-748	0.9030	0.0120	0.0576
82	680	-697	0.8262	705	-695	0.8400	0.0138	0.0456

**SITE** JSF  
**INSTALLATION** JS26  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 2:47:49 PM  
**INITIAL SURVEY** 6/16/2009 5:20:00 PM  
**DATE PRINTED** 1/13/2010 3:47:29 PM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
84	725	-742	0.8802	742	-731	0.8838	0.0036	0.0318
86	774	-792	0.9396	798	-789	0.9522	0.0126	0.0282
88	688	-704	0.8352	706	-696	0.8412	0.0060	0.0156
90	724	-741	0.8790	742	-730	0.8832	0.0042	0.0096
92	783	-801	0.9504	801	-792	0.9558	0.0054	0.0054
94	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS26  
**DESCRIPTION**

**CURRENT SURVEY** 11/12/2009 12:08:05 PM

**INITIAL SURVEY** 6/16/2009 5:20:00 PM

**DATE PRINTED** 1/13/2010 3:47:29 PM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
6	239	-252	0.2946	325	-300	0.3750	0.0804	0.1764
8	207	-221	0.2568	246	-234	0.2880	0.0312	0.0960
10	262	-279	0.3246	289	-278	0.3402	0.0156	0.0648
12	414	-431	0.5070	509	-498	0.6042	0.0972	0.0492
14	395	-413	0.4848	373	-361	0.4404	-0.0444	-0.0480
16	340	-357	0.4182	335	-321	0.3936	-0.0246	-0.0036
18	250	-267	0.3102	219	-206	0.2550	-0.0552	0.0210
20	149	-166	0.1890	150	-138	0.1728	-0.0162	0.0762
22	32	-48	0.0480	45	-32	0.0462	-0.0018	0.0924
24	-29	13	-0.0252	-28	43	-0.0426	-0.0174	0.0942
26	-29	11	-0.0240	-11	23	-0.0204	0.0036	0.1116
28	-44	29	-0.0438	-23	36	-0.0354	0.0084	0.1080
30	-70	54	-0.0744	-58	71	-0.0774	-0.0030	0.0996
32	-123	106	-0.1374	-107	119	-0.1356	0.0018	0.1026
34	-271	255	-0.3156	-250	265	-0.3090	0.0066	0.1008
36	-552	532	-0.6504	-538	549	-0.6522	-0.0018	0.0942
38	-688	673	-0.8166	-672	685	-0.8142	0.0024	0.0960
40	-462	446	-0.5448	-459	471	-0.5580	-0.0132	0.0936
42	-201	184	-0.2310	-189	202	-0.2346	-0.0036	0.1068
44	-180	163	-0.2058	-166	181	-0.2082	-0.0024	0.1104
46	-86	69	-0.0930	-73	85	-0.0948	-0.0018	0.1128
48	33	-48	0.0486	45	-34	0.0474	-0.0012	0.1146
50	110	-126	0.1416	125	-114	0.1434	0.0018	0.1158
52	147	-164	0.1866	165	-151	0.1896	0.0030	0.1140
54	229	-245	0.2844	241	-229	0.2820	-0.0024	0.1110
56	299	-316	0.3690	319	-303	0.3732	0.0042	0.1134
58	397	-412	0.4854	418	-402	0.4920	0.0066	0.1092
60	461	-477	0.5628	479	-467	0.5676	0.0048	0.1026
62	471	-488	0.5754	491	-477	0.5808	0.0054	0.0978
64	436	-452	0.5328	455	-441	0.5376	0.0048	0.0924
66	451	-468	0.5514	470	-457	0.5562	0.0048	0.0876
68	472	-486	0.5748	487	-473	0.5760	0.0012	0.0828
70	527	-543	0.6420	541	-528	0.6414	-0.0006	0.0816
72	622	-638	0.7560	640	-626	0.7596	0.0036	0.0822
74	687	-705	0.8352	705	-690	0.8370	0.0018	0.0786
76	716	-734	0.8700	738	-725	0.8778	0.0078	0.0768
78	711	-726	0.8622	728	-713	0.8646	0.0024	0.0690
80	734	-751	0.8910	761	-746	0.9042	0.0132	0.0666
82	680	-697	0.8262	707	-694	0.8406	0.0144	0.0534

**SITE** JSF  
**INSTALLATION** JS26  
**DESCRIPTION**

**CURRENT SURVEY** 11/12/2009 12:08:05 PM

**INITIAL SURVEY** 6/16/2009 5:20:00 PM

**DATE PRINTED** 1/13/2010 3:47:29 PM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
84	725	-742	0.8802	746	-731	0.8862	0.0060	0.0390
86	774	-792	0.9396	799	-787	0.9516	0.0120	0.0330
88	688	-704	0.8352	710	-695	0.8430	0.0078	0.0210
90	724	-741	0.8790	745	-730	0.8850	0.0060	0.0132
92	783	-801	0.9504	805	-791	0.9576	0.0072	0.0072
94	0	0	0.0000	0	0	0.0000	0.0000	0.0000



**SITE** JSF  
**INSTALLATION** JS26  
**DESCRIPTION**

**CURRENT SURVEY** 12/9/2009 4:53:57 PM

**INITIAL SURVEY** 6/16/2009 5:20:00 PM

**DATE PRINTED** 1/13/2010 3:47:29 PM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
6	239	-252	0.2946	314	-311	0.3750	0.0804	0.1620
8	207	-221	0.2568	241	-231	0.2832	0.0264	0.0816
10	262	-279	0.3246	294	-283	0.3462	0.0216	0.0552
12	414	-431	0.5070	510	-500	0.6060	0.0990	0.0336
14	395	-413	0.4848	371	-362	0.4398	-0.0450	-0.0654
16	340	-357	0.4182	332	-322	0.3924	-0.0258	-0.0204
18	250	-267	0.3102	218	-208	0.2556	-0.0546	0.0054
20	149	-166	0.1890	149	-141	0.1740	-0.0150	0.0600
22	32	-48	0.0480	46	-37	0.0498	0.0018	0.0750
24	-29	13	-0.0252	-29	41	-0.0420	-0.0168	0.0732
26	-29	11	-0.0240	-15	25	-0.0240	0.0000	0.0900
28	-44	29	-0.0438	-25	35	-0.0360	0.0078	0.0900
30	-70	54	-0.0744	-61	70	-0.0786	-0.0042	0.0822
32	-123	106	-0.1374	-109	119	-0.1368	0.0006	0.0864
34	-271	255	-0.3156	-251	261	-0.3072	0.0084	0.0858
36	-552	532	-0.6504	-542	552	-0.6564	-0.0060	0.0774
38	-688	673	-0.8166	-672	683	-0.8130	0.0036	0.0834
40	-462	446	-0.5448	-463	473	-0.5616	-0.0168	0.0798
42	-201	184	-0.2310	-191	202	-0.2358	-0.0048	0.0966
44	-180	163	-0.2058	-169	181	-0.2100	-0.0042	0.1014
46	-86	69	-0.0930	-74	84	-0.0948	-0.0018	0.1056
48	33	-48	0.0486	45	-35	0.0480	-0.0006	0.1074
50	110	-126	0.1416	123	-114	0.1422	0.0006	0.1080
52	147	-164	0.1866	163	-151	0.1884	0.0018	0.1074
54	229	-245	0.2844	241	-229	0.2820	-0.0024	0.1056
56	299	-316	0.3690	316	-306	0.3732	0.0042	0.1080
58	397	-412	0.4854	413	-402	0.4890	0.0036	0.1038
60	461	-477	0.5628	479	-469	0.5688	0.0060	0.1002
62	471	-488	0.5754	488	-477	0.5790	0.0036	0.0942
64	436	-452	0.5328	453	-442	0.5370	0.0042	0.0906
66	451	-468	0.5514	468	-458	0.5556	0.0042	0.0864
68	472	-486	0.5748	485	-474	0.5754	0.0006	0.0822
70	527	-543	0.6420	539	-530	0.6414	-0.0006	0.0816
72	622	-638	0.7560	639	-625	0.7584	0.0024	0.0822
74	687	-705	0.8352	705	-691	0.8376	0.0024	0.0798
76	716	-734	0.8700	738	-726	0.8784	0.0084	0.0774
78	711	-726	0.8622	729	-714	0.8658	0.0036	0.0690
80	734	-751	0.8910	759	-749	0.9048	0.0138	0.0654
82	680	-697	0.8262	707	-695	0.8412	0.0150	0.0516

**SITE** JSF  
**INSTALLATION** JS26  
**DESCRIPTION**

**CURRENT SURVEY** 12/9/2009 4:53:57 PM  
**INITIAL SURVEY** 6/16/2009 5:20:00 PM  
**DATE PRINTED** 1/13/2010 3:47:29 PM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
84	725	-742	0.8802	745	-731	0.8856	0.0054	0.0366
86	774	-792	0.9396	798	-789	0.9522	0.0126	0.0312
88	688	-704	0.8352	706	-695	0.8406	0.0054	0.0186
90	724	-741	0.8790	743	-731	0.8844	0.0054	0.0132
92	783	-801	0.9504	803	-794	0.9582	0.0078	0.0078
94	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS26  
**DESCRIPTION**

**CURRENT SURVEY** 1/13/2010 8:58:35 AM

**INITIAL SURVEY** 6/16/2009 5:20:00 PM

**DATE PRINTED** 1/13/2010 3:47:29 PM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
6	239	-252	0.2946	313	-317	0.3780	0.0834	0.1500
8	207	-221	0.2568	229	-228	0.2742	0.0174	0.0666
10	262	-279	0.3246	292	-291	0.3498	0.0252	0.0492
12	414	-431	0.5070	506	-504	0.6060	0.0990	0.0240
14	395	-413	0.4848	366	-366	0.4392	-0.0456	-0.0750
16	340	-357	0.4182	326	-323	0.3894	-0.0288	-0.0294
18	250	-267	0.3102	214	-213	0.2562	-0.0540	-0.0006
20	149	-166	0.1890	143	-144	0.1722	-0.0168	0.0534
22	32	-48	0.0480	41	-41	0.0492	0.0012	0.0702
24	-29	13	-0.0252	-34	35	-0.0414	-0.0162	0.0690
26	-29	11	-0.0240	-22	23	-0.0270	-0.0030	0.0852
28	-44	29	-0.0438	-30	32	-0.0372	0.0066	0.0882
30	-70	54	-0.0744	-65	70	-0.0810	-0.0066	0.0816
32	-123	106	-0.1374	-116	118	-0.1404	-0.0030	0.0882
34	-271	255	-0.3156	-256	257	-0.3078	0.0078	0.0912
36	-552	532	-0.6504	-553	552	-0.6630	-0.0126	0.0834
38	-688	673	-0.8166	-677	680	-0.8142	0.0024	0.0960
40	-462	446	-0.5448	-461	463	-0.5544	-0.0096	0.0936
42	-201	184	-0.2310	-196	196	-0.2352	-0.0042	0.1032
44	-180	163	-0.2058	-173	175	-0.2088	-0.0030	0.1074
46	-86	69	-0.0930	-80	79	-0.0954	-0.0024	0.1104
48	33	-48	0.0486	42	-40	0.0492	0.0006	0.1128
50	110	-126	0.1416	119	-118	0.1422	0.0006	0.1122
52	147	-164	0.1866	158	-158	0.1896	0.0030	0.1116
54	229	-245	0.2844	237	-235	0.2832	-0.0012	0.1086
56	299	-316	0.3690	311	-310	0.3726	0.0036	0.1098
58	397	-412	0.4854	410	-408	0.4908	0.0054	0.1062
60	461	-477	0.5628	475	-473	0.5688	0.0060	0.1008
62	471	-488	0.5754	483	-481	0.5784	0.0030	0.0948
64	436	-452	0.5328	448	-446	0.5364	0.0036	0.0918
66	451	-468	0.5514	462	-461	0.5538	0.0024	0.0882
68	472	-486	0.5748	481	-479	0.5760	0.0012	0.0858
70	527	-543	0.6420	535	-535	0.6420	0.0000	0.0846
72	622	-638	0.7560	636	-633	0.7614	0.0054	0.0846
74	687	-705	0.8352	699	-699	0.8388	0.0036	0.0792
76	716	-734	0.8700	731	-733	0.8784	0.0084	0.0756
78	711	-726	0.8622	723	-722	0.8670	0.0048	0.0672
80	734	-751	0.8910	753	-755	0.9048	0.0138	0.0624
82	680	-697	0.8262	699	-697	0.8376	0.0114	0.0486

**SITE** JSF  
**INSTALLATION** JS26  
**DESCRIPTION**

**CURRENT SURVEY** 1/13/2010 8:58:35 AM

**INITIAL SURVEY** 6/16/2009 5:20:00 PM

**DATE PRINTED** 1/13/2010 3:47:29 PM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
84	725	-742	0.8802	741	-741	0.8892	0.0090	0.0372
86	774	-792	0.9396	790	-791	0.9486	0.0090	0.0282
88	688	-704	0.8352	701	-699	0.8400	0.0048	0.0192
90	724	-741	0.8790	739	-739	0.8868	0.0078	0.0144
92	783	-801	0.9504	797	-798	0.9570	0.0066	0.0066
94	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS26  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 2:47:49 PM

**INITIAL SURVEY** 6/16/2009 5:20:00 PM

**DATE PRINTED** 1/13/2010 3:47:41 PM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
6	225	-223	0.2688	251	-197	0.2688	0.0000	-0.0330
8	212	-213	0.2550	235	-195	0.2580	0.0030	-0.0330
10	34	-32	0.0396	-8	42	-0.0300	-0.0696	-0.0360
12	-245	245	-0.2940	-240	299	-0.3234	-0.0294	0.0336
14	-310	307	-0.3702	-290	321	-0.3666	0.0036	0.0630
16	-104	107	-0.1266	-94	113	-0.1242	0.0024	0.0594
18	88	-85	0.1038	143	-96	0.1434	0.0396	0.0570
20	217	-214	0.2586	267	-207	0.2844	0.0258	0.0174
22	288	-287	0.3450	313	-247	0.3360	-0.0090	-0.0084
24	275	-275	0.3300	306	-249	0.3330	0.0030	0.0006
26	310	-307	0.3702	343	-282	0.3750	0.0048	-0.0024
28	274	-273	0.3282	305	-244	0.3294	0.0012	-0.0072
30	222	-220	0.2652	254	-191	0.2670	0.0018	-0.0084
32	203	-202	0.2430	231	-169	0.2400	-0.0030	-0.0102
34	191	-190	0.2286	213	-169	0.2292	0.0006	-0.0072
36	89	-88	0.1062	97	-74	0.1026	-0.0036	-0.0078
38	-101	103	-0.1224	-73	123	-0.1176	0.0048	-0.0042
40	-80	82	-0.0972	-50	99	-0.0894	0.0078	-0.0090
42	49	-48	0.0582	78	-18	0.0576	-0.0006	-0.0168
44	102	-100	0.1212	126	-81	0.1242	0.0030	-0.0162
46	187	-184	0.2226	215	-160	0.2250	0.0024	-0.0192
48	204	-202	0.2436	231	-176	0.2442	0.0006	-0.0216
50	202	-201	0.2418	233	-171	0.2424	0.0006	-0.0222
52	210	-209	0.2514	242	-182	0.2544	0.0030	-0.0228
54	223	-222	0.2670	247	-201	0.2688	0.0018	-0.0258
56	241	-239	0.2880	269	-210	0.2874	-0.0006	-0.0276
58	186	-185	0.2226	213	-159	0.2232	0.0006	-0.0270
60	131	-132	0.1578	159	-99	0.1548	-0.0030	-0.0276
62	122	-119	0.1446	146	-93	0.1434	-0.0012	-0.0246
64	102	-101	0.1218	126	-73	0.1194	-0.0024	-0.0234
66	156	-154	0.1860	182	-123	0.1830	-0.0030	-0.0210
68	168	-165	0.1998	195	-138	0.1998	0.0000	-0.0180
70	189	-190	0.2274	218	-157	0.2250	-0.0024	-0.0180
72	259	-257	0.3096	282	-225	0.3042	-0.0054	-0.0156
74	361	-359	0.4320	386	-341	0.4362	0.0042	-0.0102
76	478	-475	0.5718	502	-446	0.5688	-0.0030	-0.0144
78	533	-530	0.6378	563	-504	0.6402	0.0024	-0.0114
80	582	-579	0.6966	611	-554	0.6990	0.0024	-0.0138
82	617	-615	0.7392	640	-579	0.7314	-0.0078	-0.0162

**SITE** JSF  
**INSTALLATION** JS26  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 2:47:49 PM  
**INITIAL SURVEY** 6/16/2009 5:20:00 PM  
**DATE PRINTED** 1/13/2010 3:47:41 PM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
84	634	-634	0.7608	661	-607	0.7608	0.0000	-0.0084
86	662	-660	0.7932	687	-627	0.7884	-0.0048	-0.0084
88	609	-607	0.7296	635	-581	0.7296	0.0000	-0.0036
90	631	-628	0.7554	657	-603	0.7560	0.0006	-0.0036
92	693	-691	0.8304	718	-659	0.8262	-0.0042	-0.0042
94	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS26  
**DESCRIPTION**

**CURRENT SURVEY** 11/12/2009 12:08:05 PM

**INITIAL SURVEY** 6/16/2009 5:20:00 PM

**DATE PRINTED** 1/13/2010 3:47:41 PM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
6	225	-223	0.2688	259	-205	0.2784	0.0096	-0.0222
8	212	-213	0.2550	238	-198	0.2616	0.0066	-0.0318
10	34	-32	0.0396	-14	59	-0.0438	-0.0834	-0.0384
12	-245	245	-0.2940	-241	304	-0.3270	-0.0330	0.0450
14	-310	307	-0.3702	-283	314	-0.3582	0.0120	0.0780
16	-104	107	-0.1266	-78	109	-0.1122	0.0144	0.0660
18	88	-85	0.1038	150	-98	0.1488	0.0450	0.0516
20	217	-214	0.2586	269	-209	0.2868	0.0282	0.0066
22	288	-287	0.3450	315	-247	0.3372	-0.0078	-0.0216
24	275	-275	0.3300	306	-250	0.3336	0.0036	-0.0138
26	310	-307	0.3702	344	-281	0.3750	0.0048	-0.0174
28	274	-273	0.3282	303	-243	0.3276	-0.0006	-0.0222
30	222	-220	0.2652	253	-189	0.2652	0.0000	-0.0216
32	203	-202	0.2430	235	-168	0.2418	-0.0012	-0.0216
34	191	-190	0.2286	213	-164	0.2262	-0.0024	-0.0204
36	89	-88	0.1062	93	-63	0.0936	-0.0126	-0.0180
38	-101	103	-0.1224	-70	130	-0.1200	0.0024	-0.0054
40	-80	82	-0.0972	-45	99	-0.0864	0.0108	-0.0078
42	49	-48	0.0582	81	-16	0.0582	0.0000	-0.0186
44	102	-100	0.1212	121	-81	0.1212	0.0000	-0.0186
46	187	-184	0.2226	215	-154	0.2214	-0.0012	-0.0186
48	204	-202	0.2436	233	-172	0.2430	-0.0006	-0.0174
50	202	-201	0.2418	237	-167	0.2424	0.0006	-0.0168
52	210	-209	0.2514	242	-175	0.2502	-0.0012	-0.0174
54	223	-222	0.2670	251	-196	0.2682	0.0012	-0.0162
56	241	-239	0.2880	268	-218	0.2916	0.0036	-0.0174
58	186	-185	0.2226	214	-155	0.2214	-0.0012	-0.0210
60	131	-132	0.1578	159	-97	0.1536	-0.0042	-0.0198
62	122	-119	0.1446	156	-88	0.1464	0.0018	-0.0156
64	102	-101	0.1218	133	-74	0.1242	0.0024	-0.0174
66	156	-154	0.1860	182	-122	0.1824	-0.0036	-0.0198
68	168	-165	0.1998	191	-136	0.1962	-0.0036	-0.0162
70	189	-190	0.2274	221	-155	0.2256	-0.0018	-0.0126
72	259	-257	0.3096	286	-227	0.3078	-0.0018	-0.0108
74	361	-359	0.4320	388	-343	0.4386	0.0066	-0.0090
76	478	-475	0.5718	499	-443	0.5652	-0.0066	-0.0156
78	533	-530	0.6378	561	-507	0.6408	0.0030	-0.0090
80	582	-579	0.6966	611	-555	0.6996	0.0030	-0.0120
82	617	-615	0.7392	647	-579	0.7356	-0.0036	-0.0150

**SITE** JSF  
**INSTALLATION** JS26  
**DESCRIPTION**

**CURRENT SURVEY** 11/12/2009 12:08:05 PM  
**INITIAL SURVEY** 6/16/2009 5:20:00 PM  
**DATE PRINTED** 1/13/2010 3:47:41 PM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
84	634	-634	0.7608	665	-605	0.7620	0.0012	-0.0114
86	662	-660	0.7932	682	-625	0.7842	-0.0090	-0.0126
88	609	-607	0.7296	637	-576	0.7278	-0.0018	-0.0036
90	631	-628	0.7554	662	-602	0.7584	0.0030	-0.0018
92	693	-691	0.8304	717	-659	0.8256	-0.0048	-0.0048
94	0	0	0.0000	0	0	0.0000	0.0000	0.0000



**SITE** JSF  
**INSTALLATION** JS26  
**DESCRIPTION**

**CURRENT SURVEY** 12/9/2009 4:53:57 PM

**INITIAL SURVEY** 6/16/2009 5:20:00 PM

**DATE PRINTED** 1/13/2010 3:47:41 PM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
6	225	-223	0.2688	259	-191	0.2700	0.0012	-0.0840
8	212	-213	0.2550	243	-191	0.2604	0.0054	-0.0852
10	34	-32	0.0396	-18	58	-0.0456	-0.0852	-0.0906
12	-245	245	-0.2940	-235	310	-0.3270	-0.0330	-0.0054
14	-310	307	-0.3702	-279	322	-0.3606	0.0096	0.0276
16	-104	107	-0.1266	-73	115	-0.1128	0.0138	0.0180
18	88	-85	0.1038	151	-93	0.1464	0.0426	0.0042
20	217	-214	0.2586	274	-202	0.2856	0.0270	-0.0384
22	288	-287	0.3450	318	-246	0.3384	-0.0066	-0.0654
24	275	-275	0.3300	311	-245	0.3336	0.0036	-0.0588
26	310	-307	0.3702	349	-275	0.3744	0.0042	-0.0624
28	274	-273	0.3282	307	-235	0.3252	-0.0030	-0.0666
30	222	-220	0.2652	258	-185	0.2658	0.0006	-0.0636
32	203	-202	0.2430	238	-165	0.2418	-0.0012	-0.0642
34	191	-190	0.2286	216	-158	0.2244	-0.0042	-0.0630
36	89	-88	0.1062	97	-54	0.0906	-0.0156	-0.0588
38	-101	103	-0.1224	-64	132	-0.1176	0.0048	-0.0432
40	-80	82	-0.0972	-57	106	-0.0978	-0.0006	-0.0480
42	49	-48	0.0582	81	-15	0.0576	-0.0006	-0.0474
44	102	-100	0.1212	136	-75	0.1266	0.0054	-0.0468
46	187	-184	0.2226	221	-150	0.2226	0.0000	-0.0522
48	204	-202	0.2436	238	-171	0.2454	0.0018	-0.0522
50	202	-201	0.2418	236	-164	0.2400	-0.0018	-0.0540
52	210	-209	0.2514	240	-170	0.2460	-0.0054	-0.0522
54	223	-222	0.2670	252	-192	0.2664	-0.0006	-0.0468
56	241	-239	0.2880	273	-209	0.2892	0.0012	-0.0462
58	186	-185	0.2226	218	-162	0.2280	0.0054	-0.0474
60	131	-132	0.1578	162	-93	0.1530	-0.0048	-0.0528
62	122	-119	0.1446	156	-82	0.1428	-0.0018	-0.0480
64	102	-101	0.1218	133	-68	0.1206	-0.0012	-0.0462
66	156	-154	0.1860	190	-121	0.1866	0.0006	-0.0450
68	168	-165	0.1998	198	-131	0.1974	-0.0024	-0.0456
70	189	-190	0.2274	222	-154	0.2256	-0.0018	-0.0432
72	259	-257	0.3096	289	-219	0.3048	-0.0048	-0.0414
74	361	-359	0.4320	394	-335	0.4374	0.0054	-0.0366
76	478	-475	0.5718	498	-437	0.5610	-0.0108	-0.0420
78	533	-530	0.6378	556	-506	0.6372	-0.0006	-0.0312
80	582	-579	0.6966	617	-546	0.6978	0.0012	-0.0306
82	617	-615	0.7392	642	-573	0.7290	-0.0102	-0.0318

**SITE** JSF  
**INSTALLATION** JS26  
**DESCRIPTION**

**CURRENT SURVEY** 12/9/2009 4:53:57 PM  
**INITIAL SURVEY** 6/16/2009 5:20:00 PM  
**DATE PRINTED** 1/13/2010 3:47:41 PM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
84	634	-634	0.7608	668	-599	0.7602	-0.0006	-0.0216
86	662	-660	0.7932	692	-619	0.7866	-0.0066	-0.0210
88	609	-607	0.7296	641	-569	0.7260	-0.0036	-0.0144
90	631	-628	0.7554	660	-596	0.7536	-0.0018	-0.0108
92	693	-691	0.8304	716	-653	0.8214	-0.0090	-0.0090
94	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS26  
**DESCRIPTION**

**CURRENT SURVEY** 1/13/2010 8:58:35 AM

**INITIAL SURVEY** 6/16/2009 5:20:00 PM

**DATE PRINTED** 1/13/2010 3:47:41 PM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
6	225	-223	0.2688	192	-207	0.2394	-0.0294	-0.1206
8	212	-213	0.2550	202	-223	0.2550	0.0000	-0.0912
10	34	-32	0.0396	-21	27	-0.0288	-0.0684	-0.0912
12	-245	245	-0.2940	-290	275	-0.3390	-0.0450	-0.0228
14	-310	307	-0.3702	-307	301	-0.3648	0.0054	0.0222
16	-104	107	-0.1266	-104	107	-0.1266	0.0000	0.0168
18	88	-85	0.1038	126	-125	0.1506	0.0468	0.0168
20	217	-214	0.2586	229	-252	0.2886	0.0300	-0.0300
22	288	-287	0.3450	266	-285	0.3306	-0.0144	-0.0600
24	275	-275	0.3300	268	-292	0.3360	0.0060	-0.0456
26	310	-307	0.3702	293	-312	0.3630	-0.0072	-0.0516
28	274	-273	0.3282	265	-273	0.3228	-0.0054	-0.0444
30	222	-220	0.2652	205	-223	0.2568	-0.0084	-0.0390
32	203	-202	0.2430	182	-205	0.2322	-0.0108	-0.0306
34	191	-190	0.2286	175	-187	0.2172	-0.0114	-0.0198
36	89	-88	0.1062	77	-82	0.0954	-0.0108	-0.0084
38	-101	103	-0.1224	-97	81	-0.1068	0.0156	0.0024
40	-80	82	-0.0972	-69	62	-0.0786	0.0186	-0.0132
42	49	-48	0.0582	36	-63	0.0594	0.0012	-0.0318
44	102	-100	0.1212	105	-112	0.1302	0.0090	-0.0330
46	187	-184	0.2226	176	-187	0.2178	-0.0048	-0.0420
48	204	-202	0.2436	186	-210	0.2376	-0.0060	-0.0372
50	202	-201	0.2418	190	-215	0.2430	0.0012	-0.0312
52	210	-209	0.2514	193	-215	0.2448	-0.0066	-0.0324
54	223	-222	0.2670	214	-232	0.2676	0.0006	-0.0258
56	241	-239	0.2880	224	-239	0.2778	-0.0102	-0.0264
58	186	-185	0.2226	175	-188	0.2178	-0.0048	-0.0162
60	131	-132	0.1578	115	-136	0.1506	-0.0072	-0.0114
62	122	-119	0.1446	98	-123	0.1326	-0.0120	-0.0042
64	102	-101	0.1218	98	-120	0.1308	0.0090	0.0078
66	156	-154	0.1860	140	-157	0.1782	-0.0078	-0.0012
68	168	-165	0.1998	160	-182	0.2052	0.0054	0.0066
70	189	-190	0.2274	187	-207	0.2364	0.0090	0.0012
72	259	-257	0.3096	253	-270	0.3138	0.0042	-0.0078
74	361	-359	0.4320	375	-359	0.4404	0.0084	-0.0120
76	478	-475	0.5718	470	-478	0.5688	-0.0030	-0.0204
78	533	-530	0.6378	530	-544	0.6444	0.0066	-0.0174
80	582	-579	0.6966	570	-594	0.6984	0.0018	-0.0240
82	617	-615	0.7392	598	-626	0.7344	-0.0048	-0.0258

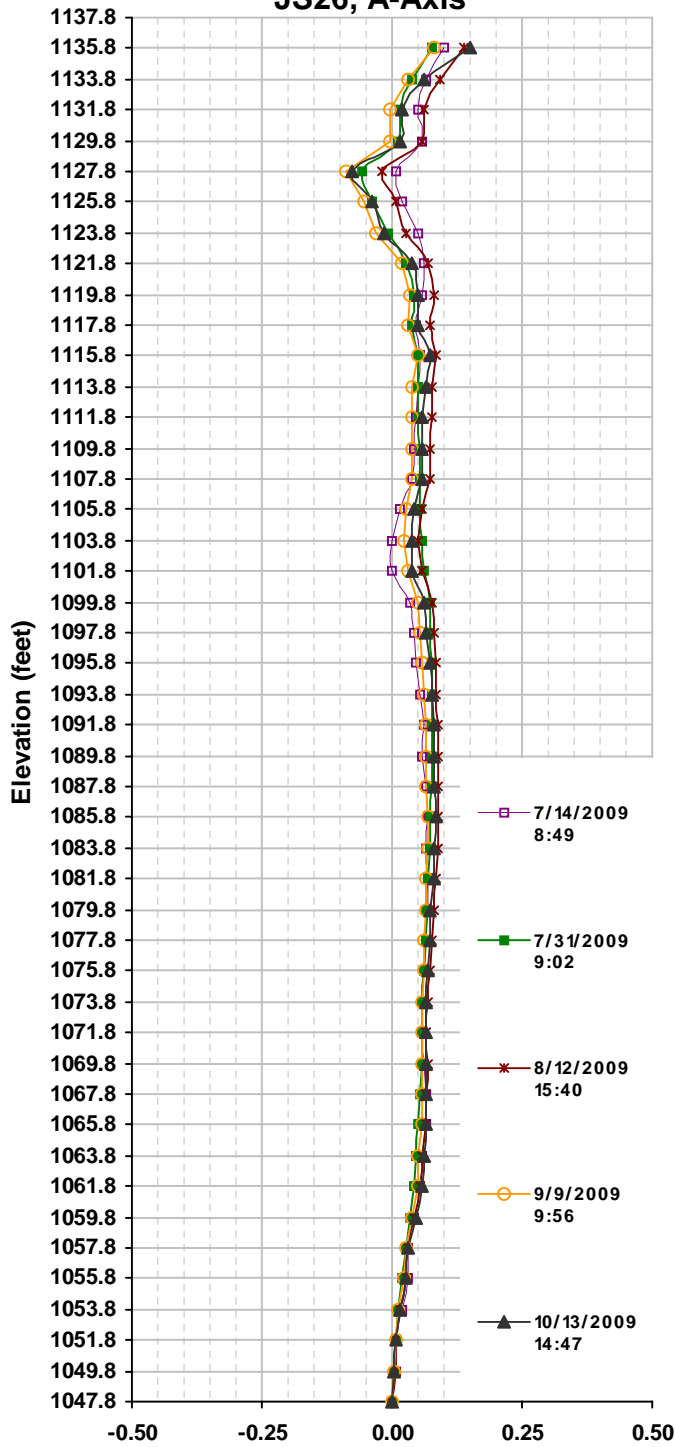
**SITE** JSF  
**INSTALLATION** JS26  
**DESCRIPTION**

**CURRENT SURVEY** 1/13/2010 8:58:35 AM  
**INITIAL SURVEY** 6/16/2009 5:20:00 PM  
**DATE PRINTED** 1/13/2010 3:47:41 PM

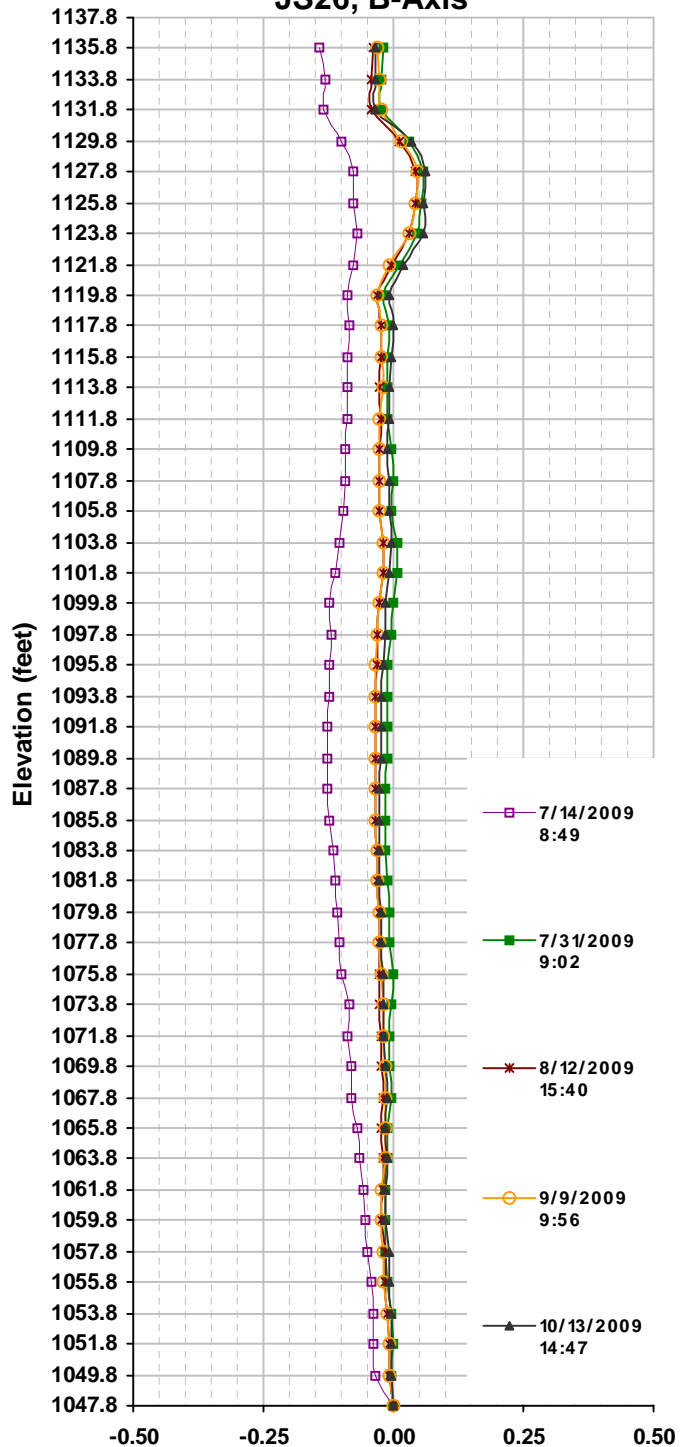
Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
84	634	-634	0.7608	626	-648	0.7644	0.0036	-0.0210
86	662	-660	0.7932	642	-654	0.7776	-0.0156	-0.0246
88	609	-607	0.7296	599	-620	0.7314	0.0018	-0.0090
90	631	-628	0.7554	628	-631	0.7554	0.0000	-0.0108
92	693	-691	0.8304	674	-692	0.8196	-0.0108	-0.0108
94	0	0	0.0000	0	0	0.0000	0.0000	0.0000

JS26, A-Axis

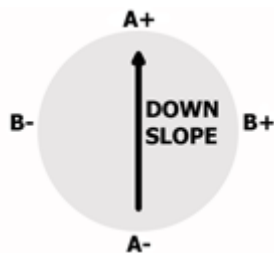


JS26, B-Axis



Cumulative Displacement (in) from 6/16/2009

Cumulative Displacement (in) from 6/16/2009



John Sevier Fossil Plant

Rogersville, TN

175569038

10/15/2009

**SITE** JSF  
**INSTALLATION** JS26  
**DESCRIPTION**

**CURRENT SURVEY** 7/14/2009 8:49:53 AM

**INITIAL SURVEY** 6/16/2009 5:20:00 PM

**DATE PRINTED** 10/15/2009 10:21:47 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
6	239	-252	0.2946	278	-266	0.3264	0.0318	0.0990
8	207	-221	0.2568	231	-223	0.2724	0.0156	0.0672
10	262	-279	0.3246	269	-264	0.3198	-0.0048	0.0516
12	414	-431	0.5070	467	-461	0.5568	0.0498	0.0564
14	395	-413	0.4848	397	-390	0.4722	-0.0126	0.0066
16	340	-357	0.4182	325	-319	0.3864	-0.0318	0.0192
18	250	-267	0.3102	253	-249	0.3012	-0.0090	0.0510
20	149	-166	0.1890	161	-159	0.1920	0.0030	0.0600
22	32	-48	0.0480	51	-46	0.0582	0.0102	0.0570
24	-29	13	-0.0252	-22	29	-0.0306	-0.0054	0.0468
26	-29	11	-0.0240	-13	21	-0.0204	0.0036	0.0522
28	-44	29	-0.0438	-31	37	-0.0408	0.0030	0.0486
30	-70	54	-0.0744	-56	61	-0.0702	0.0042	0.0456
32	-123	106	-0.1374	-107	115	-0.1332	0.0042	0.0414
34	-271	255	-0.3156	-241	249	-0.2940	0.0216	0.0372
36	-552	532	-0.6504	-525	530	-0.6330	0.0174	0.0156
38	-688	673	-0.8166	-679	688	-0.8202	-0.0036	-0.0018
40	-462	446	-0.5448	-478	482	-0.5760	-0.0312	0.0018
42	-201	184	-0.2310	-197	203	-0.2400	-0.0090	0.0330
44	-180	163	-0.2058	-173	180	-0.2118	-0.0060	0.0420
46	-86	69	-0.0930	-79	85	-0.0984	-0.0054	0.0480
48	33	-48	0.0486	38	-31	0.0414	-0.0072	0.0534
50	110	-126	0.1416	121	-117	0.1428	0.0012	0.0606
52	147	-164	0.1866	155	-149	0.1824	-0.0042	0.0594
54	229	-245	0.2844	237	-230	0.2802	-0.0042	0.0636
56	299	-316	0.3690	311	-305	0.3696	0.0006	0.0678
58	397	-412	0.4854	407	-398	0.4830	-0.0024	0.0672
60	461	-477	0.5628	473	-468	0.5646	0.0018	0.0696
62	471	-488	0.5754	487	-479	0.5796	0.0042	0.0678
64	436	-452	0.5328	450	-443	0.5358	0.0030	0.0636
66	451	-468	0.5514	466	-460	0.5556	0.0042	0.0606
68	472	-486	0.5748	482	-474	0.5736	-0.0012	0.0564
70	527	-543	0.6420	534	-531	0.6390	-0.0030	0.0576
72	622	-638	0.7560	630	-622	0.7512	-0.0048	0.0606
74	687	-705	0.8352	701	-694	0.8370	0.0018	0.0654
76	716	-734	0.8700	734	-726	0.8760	0.0060	0.0636
78	711	-726	0.8622	726	-718	0.8664	0.0042	0.0576
80	734	-751	0.8910	755	-748	0.9018	0.0108	0.0534
82	680	-697	0.8262	703	-695	0.8388	0.0126	0.0426

**SITE** JSF  
**INSTALLATION** JS26  
**DESCRIPTION**

**CURRENT SURVEY** 7/14/2009 8:49:53 AM

**INITIAL SURVEY** 6/16/2009 5:20:00 PM

**DATE PRINTED** 10/15/2009 10:21:48 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
84	725	-742	0.8802	736	-727	0.8778	-0.0024	0.0300
86	774	-792	0.9396	799	-791	0.9540	0.0144	0.0324
88	688	-704	0.8352	707	-701	0.8448	0.0096	0.0180
90	724	-741	0.8790	736	-731	0.8802	0.0012	0.0084
92	783	-801	0.9504	802	-794	0.9576	0.0072	0.0072
94	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS26  
**DESCRIPTION**

**CURRENT SURVEY** 7/31/2009 9:02:42 AM

**INITIAL SURVEY** 6/16/2009 5:20:00 PM

**DATE PRINTED** 10/15/2009 10:21:48 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
6	239	-252	0.2946	284	-275	0.3354	0.0408	0.0780
8	207	-221	0.2568	237	-230	0.2802	0.0234	0.0372
10	262	-279	0.3246	277	-270	0.3282	0.0036	0.0138
12	414	-431	0.5070	483	-477	0.5760	0.0690	0.0102
14	395	-413	0.4848	390	-382	0.4632	-0.0216	-0.0588
16	340	-357	0.4182	329	-321	0.3900	-0.0282	-0.0372
18	250	-267	0.3102	230	-225	0.2730	-0.0372	-0.0090
20	149	-166	0.1890	150	-144	0.1764	-0.0126	0.0282
22	32	-48	0.0480	45	-38	0.0498	0.0018	0.0408
24	-29	13	-0.0252	-27	35	-0.0372	-0.0120	0.0390
26	-29	11	-0.0240	-17	21	-0.0228	0.0012	0.0510
28	-44	29	-0.0438	-34	41	-0.0450	-0.0012	0.0498
30	-70	54	-0.0744	-62	67	-0.0774	-0.0030	0.0510
32	-123	106	-0.1374	-112	118	-0.1380	-0.0006	0.0540
34	-271	255	-0.3156	-259	266	-0.3150	0.0006	0.0546
36	-552	532	-0.6504	-542	546	-0.6528	-0.0024	0.0540
38	-688	673	-0.8166	-681	690	-0.8226	-0.0060	0.0564
40	-462	446	-0.5448	-457	466	-0.5538	-0.0090	0.0624
42	-201	184	-0.2310	-191	197	-0.2328	-0.0018	0.0714
44	-180	163	-0.2058	-169	178	-0.2082	-0.0024	0.0732
46	-86	69	-0.0930	-77	82	-0.0954	-0.0024	0.0756
48	33	-48	0.0486	44	-38	0.0492	0.0006	0.0780
50	110	-126	0.1416	120	-116	0.1416	0.0000	0.0774
52	147	-164	0.1866	159	-155	0.1884	0.0018	0.0774
54	229	-245	0.2844	242	-233	0.2850	0.0006	0.0756
56	299	-316	0.3690	313	-307	0.3720	0.0030	0.0750
58	397	-412	0.4854	409	-403	0.4872	0.0018	0.0720
60	461	-477	0.5628	475	-469	0.5664	0.0036	0.0702
62	471	-488	0.5754	485	-478	0.5778	0.0024	0.0666
64	436	-452	0.5328	451	-442	0.5358	0.0030	0.0642
66	451	-468	0.5514	464	-462	0.5556	0.0042	0.0612
68	472	-486	0.5748	483	-477	0.5760	0.0012	0.0570
70	527	-543	0.6420	537	-531	0.6408	-0.0012	0.0558
72	622	-638	0.7560	637	-631	0.7608	0.0048	0.0570
74	687	-705	0.8352	703	-694	0.8382	0.0030	0.0522
76	716	-734	0.8700	732	-726	0.8748	0.0048	0.0492
78	711	-726	0.8622	723	-715	0.8628	0.0006	0.0444
80	734	-751	0.8910	753	-746	0.8994	0.0084	0.0438
82	680	-697	0.8262	698	-693	0.8346	0.0084	0.0354



**SITE** JSF  
**INSTALLATION** JS26  
**DESCRIPTION**

**CURRENT SURVEY** 7/31/2009 9:02:42 AM  
**INITIAL SURVEY** 6/16/2009 5:20:00 PM  
**DATE PRINTED** 10/15/2009 10:21:48 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
84	725	-742	0.8802	742	-735	0.8862	0.0060	0.0270
86	774	-792	0.9396	791	-789	0.9480	0.0084	0.0210
88	688	-704	0.8352	702	-695	0.8382	0.0030	0.0126
90	724	-741	0.8790	740	-732	0.8832	0.0042	0.0096
92	783	-801	0.9504	800	-793	0.9558	0.0054	0.0054
94	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS26  
**DESCRIPTION**

**CURRENT SURVEY** 8/12/2009 3:40:13 PM

**INITIAL SURVEY** 6/16/2009 5:20:00 PM

**DATE PRINTED** 10/15/2009 10:21:48 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
6	239	-252	0.2946	300	-270	0.3420	0.0474	0.1386
8	207	-221	0.2568	241	-237	0.2868	0.0300	0.0912
10	262	-279	0.3246	276	-270	0.3276	0.0030	0.0612
12	414	-431	0.5070	489	-482	0.5826	0.0756	0.0582
14	395	-413	0.4848	387	-381	0.4608	-0.0240	-0.0174
16	340	-357	0.4182	334	-327	0.3966	-0.0216	0.0066
18	250	-267	0.3102	226	-221	0.2682	-0.0420	0.0282
20	149	-166	0.1890	153	-147	0.1800	-0.0090	0.0702
22	32	-48	0.0480	49	-42	0.0546	0.0066	0.0792
24	-29	13	-0.0252	-27	34	-0.0366	-0.0114	0.0726
26	-29	11	-0.0240	-12	18	-0.0180	0.0060	0.0840
28	-44	29	-0.0438	-32	37	-0.0414	0.0024	0.0780
30	-70	54	-0.0744	-58	63	-0.0726	0.0018	0.0756
32	-123	106	-0.1374	-109	116	-0.1350	0.0024	0.0738
34	-271	255	-0.3156	-248	257	-0.3030	0.0126	0.0714
36	-552	532	-0.6504	-533	538	-0.6426	0.0078	0.0588
38	-688	673	-0.8166	-681	688	-0.8214	-0.0048	0.0510
40	-462	446	-0.5448	-469	471	-0.5640	-0.0192	0.0558
42	-201	184	-0.2310	-194	198	-0.2352	-0.0042	0.0750
44	-180	163	-0.2058	-171	178	-0.2094	-0.0036	0.0792
46	-86	69	-0.0930	-78	83	-0.0966	-0.0036	0.0828
48	33	-48	0.0486	39	-36	0.0450	-0.0036	0.0864
50	110	-126	0.1416	122	-118	0.1440	0.0024	0.0900
52	147	-164	0.1866	158	-151	0.1854	-0.0012	0.0876
54	229	-245	0.2844	239	-233	0.2832	-0.0012	0.0888
56	299	-316	0.3690	313	-307	0.3720	0.0030	0.0900
58	397	-412	0.4854	409	-402	0.4866	0.0012	0.0870
60	461	-477	0.5628	475	-470	0.5670	0.0042	0.0858
62	471	-488	0.5754	486	-481	0.5802	0.0048	0.0816
64	436	-452	0.5328	450	-445	0.5370	0.0042	0.0768
66	451	-468	0.5514	466	-460	0.5556	0.0042	0.0726
68	472	-486	0.5748	483	-477	0.5760	0.0012	0.0684
70	527	-543	0.6420	537	-532	0.6414	-0.0006	0.0672
72	622	-638	0.7560	634	-627	0.7566	0.0006	0.0678
74	687	-705	0.8352	702	-694	0.8376	0.0024	0.0672
76	716	-734	0.8700	734	-728	0.8772	0.0072	0.0648
78	711	-726	0.8622	724	-717	0.8646	0.0024	0.0576
80	734	-751	0.8910	755	-749	0.9024	0.0114	0.0552
82	680	-697	0.8262	701	-695	0.8376	0.0114	0.0438

**SITE** JSF  
**INSTALLATION** JS26  
**DESCRIPTION**

**CURRENT SURVEY** 8/12/2009 3:40:13 PM

**INITIAL SURVEY** 6/16/2009 5:20:00 PM

**DATE PRINTED** 10/15/2009 10:21:48 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
84	725	-742	0.8802	741	-732	0.8838	0.0036	0.0324
86	774	-792	0.9396	797	-791	0.9528	0.0132	0.0288
88	688	-704	0.8352	705	-698	0.8418	0.0066	0.0156
90	724	-741	0.8790	738	-732	0.8820	0.0030	0.0090
92	783	-801	0.9504	800	-794	0.9564	0.0060	0.0060
94	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS26  
**DESCRIPTION**

**CURRENT SURVEY** 9/9/2009 9:56:42 AM

**INITIAL SURVEY** 6/16/2009 5:20:00 PM

**DATE PRINTED** 10/15/2009 10:21:48 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
6	239	-252	0.2946	297	-278	0.3450	0.0504	0.0810
8	207	-221	0.2568	249	-236	0.2910	0.0342	0.0306
10	262	-279	0.3246	278	-266	0.3264	0.0018	-0.0036
12	414	-431	0.5070	499	-486	0.5910	0.0840	-0.0054
14	395	-413	0.4848	380	-370	0.4500	-0.0348	-0.0894
16	340	-357	0.4182	336	-323	0.3954	-0.0228	-0.0546
18	250	-267	0.3102	221	-211	0.2592	-0.0510	-0.0318
20	149	-166	0.1890	150	-141	0.1746	-0.0144	0.0192
22	32	-48	0.0480	47	-36	0.0498	0.0018	0.0336
24	-29	13	-0.0252	-31	44	-0.0450	-0.0198	0.0318
26	-29	11	-0.0240	-5	16	-0.0126	0.0114	0.0516
28	-44	29	-0.0438	-31	42	-0.0438	0.0000	0.0402
30	-70	54	-0.0744	-56	65	-0.0726	0.0018	0.0402
32	-123	106	-0.1374	-109	120	-0.1374	0.0000	0.0384
34	-271	255	-0.3156	-249	261	-0.3060	0.0096	0.0384
36	-552	532	-0.6504	-533	543	-0.6456	0.0048	0.0288
38	-688	673	-0.8166	-679	691	-0.8220	-0.0054	0.0240
40	-462	446	-0.5448	-466	474	-0.5640	-0.0192	0.0294
42	-201	184	-0.2310	-190	201	-0.2346	-0.0036	0.0486
44	-180	163	-0.2058	-168	182	-0.2100	-0.0042	0.0522
46	-86	69	-0.0930	-77	87	-0.0984	-0.0054	0.0564
48	33	-48	0.0486	42	-33	0.0450	-0.0036	0.0618
50	110	-126	0.1416	122	-114	0.1416	0.0000	0.0654
52	147	-164	0.1866	161	-150	0.1866	0.0000	0.0654
54	229	-245	0.2844	241	-227	0.2808	-0.0036	0.0654
56	299	-316	0.3690	314	-302	0.3696	0.0006	0.0690
58	397	-412	0.4854	410	-401	0.4866	0.0012	0.0684
60	461	-477	0.5628	476	-466	0.5652	0.0024	0.0672
62	471	-488	0.5754	487	-475	0.5772	0.0018	0.0648
64	436	-452	0.5328	451	-441	0.5352	0.0024	0.0630
66	451	-468	0.5514	467	-457	0.5544	0.0030	0.0606
68	472	-486	0.5748	484	-473	0.5742	-0.0006	0.0576
70	527	-543	0.6420	539	-529	0.6408	-0.0012	0.0582
72	622	-638	0.7560	638	-625	0.7578	0.0018	0.0594
74	687	-705	0.8352	703	-690	0.8358	0.0006	0.0576
76	716	-734	0.8700	735	-724	0.8754	0.0054	0.0570
78	711	-726	0.8622	727	-714	0.8646	0.0024	0.0516
80	734	-751	0.8910	756	-747	0.9018	0.0108	0.0492
82	680	-697	0.8262	702	-693	0.8370	0.0108	0.0384

**SITE** JSF  
**INSTALLATION** JS26  
**DESCRIPTION**

**CURRENT SURVEY** 9/9/2009 9:56:42 AM  
**INITIAL SURVEY** 6/16/2009 5:20:00 PM  
**DATE PRINTED** 10/15/2009 10:21:48 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
84	725	-742	0.8802	743	-730	0.8838	0.0036	0.0276
86	774	-792	0.9396	797	-787	0.9504	0.0108	0.0240
88	688	-704	0.8352	706	-694	0.8400	0.0048	0.0132
90	724	-741	0.8790	741	-730	0.8826	0.0036	0.0084
92	783	-801	0.9504	802	-790	0.9552	0.0048	0.0048
94	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS26  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 2:47:49 PM

**INITIAL SURVEY** 6/16/2009 5:20:00 PM

**DATE PRINTED** 10/15/2009 10:21:48 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
6	239	-252	0.2946	325	-313	0.3828	0.0882	0.1482
8	207	-221	0.2568	251	-242	0.2958	0.0390	0.0600
10	262	-279	0.3246	279	-270	0.3294	0.0048	0.0210
12	414	-431	0.5070	502	-495	0.5982	0.0912	0.0162
14	395	-413	0.4848	376	-368	0.4464	-0.0384	-0.0750
16	340	-357	0.4182	335	-325	0.3960	-0.0222	-0.0366
18	250	-267	0.3102	219	-210	0.2574	-0.0528	-0.0144
20	149	-166	0.1890	150	-143	0.1758	-0.0132	0.0384
22	32	-48	0.0480	44	-36	0.0480	0.0000	0.0516
24	-29	13	-0.0252	-34	42	-0.0456	-0.0204	0.0516
26	-29	11	-0.0240	-10	18	-0.0168	0.0072	0.0720
28	-44	29	-0.0438	-26	35	-0.0366	0.0072	0.0648
30	-70	54	-0.0744	-58	66	-0.0744	0.0000	0.0576
32	-123	106	-0.1374	-108	118	-0.1356	0.0018	0.0576
34	-271	255	-0.3156	-248	254	-0.3012	0.0144	0.0558
36	-552	532	-0.6504	-534	545	-0.6474	0.0030	0.0414
38	-688	673	-0.8166	-675	686	-0.8166	0.0000	0.0384
40	-462	446	-0.5448	-469	475	-0.5664	-0.0216	0.0384
42	-201	184	-0.2310	-195	202	-0.2382	-0.0072	0.0600
44	-180	163	-0.2058	-171	181	-0.2112	-0.0054	0.0672
46	-86	69	-0.0930	-78	83	-0.0966	-0.0036	0.0726
48	33	-48	0.0486	42	-33	0.0450	-0.0036	0.0762
50	110	-126	0.1416	122	-115	0.1422	0.0006	0.0798
52	147	-164	0.1866	159	-150	0.1854	-0.0012	0.0792
54	229	-245	0.2844	239	-230	0.2814	-0.0030	0.0804
56	299	-316	0.3690	314	-305	0.3714	0.0024	0.0834
58	397	-412	0.4854	410	-401	0.4866	0.0012	0.0810
60	461	-477	0.5628	477	-469	0.5676	0.0048	0.0798
62	471	-488	0.5754	487	-478	0.5790	0.0036	0.0750
64	436	-452	0.5328	451	-443	0.5364	0.0036	0.0714
66	451	-468	0.5514	467	-459	0.5556	0.0042	0.0678
68	472	-486	0.5748	482	-474	0.5736	-0.0012	0.0636
70	527	-543	0.6420	537	-529	0.6396	-0.0024	0.0648
72	622	-638	0.7560	635	-625	0.7560	0.0000	0.0672
74	687	-705	0.8352	702	-691	0.8358	0.0006	0.0672
76	716	-734	0.8700	735	-726	0.8766	0.0066	0.0666
78	711	-726	0.8622	725	-716	0.8646	0.0024	0.0600
80	734	-751	0.8910	757	-748	0.9030	0.0120	0.0576
82	680	-697	0.8262	705	-695	0.8400	0.0138	0.0456

**SITE** JSF  
**INSTALLATION** JS26  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 2:47:49 PM  
**INITIAL SURVEY** 6/16/2009 5:20:00 PM  
**DATE PRINTED** 10/15/2009 10:21:48 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
84	725	-742	0.8802	742	-731	0.8838	0.0036	0.0318
86	774	-792	0.9396	798	-789	0.9522	0.0126	0.0282
88	688	-704	0.8352	706	-696	0.8412	0.0060	0.0156
90	724	-741	0.8790	742	-730	0.8832	0.0042	0.0096
92	783	-801	0.9504	801	-792	0.9558	0.0054	0.0054
94	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS26  
**DESCRIPTION**

**CURRENT SURVEY** 7/14/2009 8:49:53 AM

**INITIAL SURVEY** 6/16/2009 5:20:00 PM

**DATE PRINTED** 10/15/2009 10:22:02 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
6	225	-223	0.2688	241	-188	0.2574	-0.0114	-0.1434
8	212	-213	0.2550	241	-188	0.2574	0.0024	-0.1320
10	34	-32	0.0396	26	15	0.0066	-0.0330	-0.1344
12	-245	245	-0.2940	-235	294	-0.3174	-0.0234	-0.1014
14	-310	307	-0.3702	-293	327	-0.3720	-0.0018	-0.0780
16	-104	107	-0.1266	-107	117	-0.1344	-0.0078	-0.0762
18	88	-85	0.1038	107	-81	0.1128	0.0090	-0.0684
20	217	-214	0.2586	252	-198	0.2700	0.0114	-0.0774
22	288	-287	0.3450	318	-251	0.3414	-0.0036	-0.0888
24	275	-275	0.3300	303	-250	0.3318	0.0018	-0.0852
26	310	-307	0.3702	339	-281	0.3720	0.0018	-0.0870
28	274	-273	0.3282	303	-245	0.3288	0.0006	-0.0888
30	222	-220	0.2652	254	-192	0.2676	0.0024	-0.0894
32	203	-202	0.2430	229	-175	0.2424	-0.0006	-0.0918
34	191	-190	0.2286	216	-175	0.2346	0.0060	-0.0912
36	89	-88	0.1062	115	-75	0.1140	0.0078	-0.0972
38	-101	103	-0.1224	-68	125	-0.1158	0.0066	-0.1050
40	-80	82	-0.0972	-51	94	-0.0870	0.0102	-0.1116
42	49	-48	0.0582	76	-19	0.0570	-0.0012	-0.1218
44	102	-100	0.1212	123	-84	0.1242	0.0030	-0.1206
46	187	-184	0.2226	215	-157	0.2232	0.0006	-0.1236
48	204	-202	0.2436	233	-176	0.2454	0.0018	-0.1242
50	202	-201	0.2418	231	-171	0.2412	-0.0006	-0.1260
52	210	-209	0.2514	243	-176	0.2514	0.0000	-0.1254
54	223	-222	0.2670	243	-196	0.2634	-0.0036	-0.1254
56	241	-239	0.2880	259	-210	0.2814	-0.0066	-0.1218
58	186	-185	0.2226	208	-158	0.2196	-0.0030	-0.1152
60	131	-132	0.1578	154	-101	0.1530	-0.0048	-0.1122
62	122	-119	0.1446	146	-87	0.1398	-0.0048	-0.1074
64	102	-101	0.1218	124	-75	0.1194	-0.0024	-0.1026
66	156	-154	0.1860	163	-122	0.1710	-0.0150	-0.1002
68	168	-165	0.1998	193	-143	0.2016	0.0018	-0.0852
70	189	-190	0.2274	213	-158	0.2226	-0.0048	-0.0870
72	259	-257	0.3096	282	-231	0.3078	-0.0018	-0.0822
74	361	-359	0.4320	366	-338	0.4224	-0.0096	-0.0804
76	478	-475	0.5718	499	-444	0.5658	-0.0060	-0.0708
78	533	-530	0.6378	551	-502	0.6318	-0.0060	-0.0648
80	582	-579	0.6966	602	-550	0.6912	-0.0054	-0.0588
82	617	-615	0.7392	647	-577	0.7344	-0.0048	-0.0534



**SITE** JSF  
**INSTALLATION** JS26  
**DESCRIPTION**

**CURRENT SURVEY** 7/14/2009 8:49:53 AM  
**INITIAL SURVEY** 6/16/2009 5:20:00 PM  
**DATE PRINTED** 10/15/2009 10:22:02 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
84	634	-634	0.7608	654	-604	0.7548	-0.0060	-0.0486
86	662	-660	0.7932	685	-628	0.7878	-0.0054	-0.0426
88	609	-607	0.7296	635	-580	0.7290	-0.0006	-0.0372
90	631	-628	0.7554	653	-602	0.7530	-0.0024	-0.0366
92	693	-691	0.8304	674	-653	0.7962	-0.0342	-0.0342
94	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS26  
**DESCRIPTION**

**CURRENT SURVEY** 7/31/2009 9:02:42 AM

**INITIAL SURVEY** 6/16/2009 5:20:00 PM

**DATE PRINTED** 10/15/2009 10:22:02 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
6	225	-223	0.2688	259	-201	0.2760	0.0072	-0.0174
8	212	-213	0.2550	231	-192	0.2538	-0.0012	-0.0246
10	34	-32	0.0396	7	33	-0.0156	-0.0552	-0.0234
12	-245	245	-0.2940	-237	298	-0.3210	-0.0270	0.0318
14	-310	307	-0.3702	-286	320	-0.3636	0.0066	0.0588
16	-104	107	-0.1266	-89	113	-0.1212	0.0054	0.0522
18	88	-85	0.1038	143	-90	0.1398	0.0360	0.0468
20	217	-214	0.2586	269	-209	0.2868	0.0282	0.0108
22	288	-287	0.3450	306	-250	0.3336	-0.0114	-0.0174
24	275	-275	0.3300	307	-251	0.3348	0.0048	-0.0060
26	310	-307	0.3702	338	-281	0.3714	0.0012	-0.0108
28	274	-273	0.3282	302	-244	0.3276	-0.0006	-0.0120
30	222	-220	0.2652	241	-190	0.2586	-0.0066	-0.0114
32	203	-202	0.2430	231	-169	0.2400	-0.0030	-0.0048
34	191	-190	0.2286	215	-170	0.2310	0.0024	-0.0018
36	89	-88	0.1062	93	-61	0.0924	-0.0138	-0.0042
38	-101	103	-0.1224	-73	131	-0.1224	0.0000	0.0096
40	-80	82	-0.0972	-49	97	-0.0876	0.0096	0.0096
42	49	-48	0.0582	79	-23	0.0612	0.0030	0.0000
44	102	-100	0.1212	130	-85	0.1290	0.0078	-0.0030
46	187	-184	0.2226	217	-158	0.2250	0.0024	-0.0108
48	204	-202	0.2436	228	-174	0.2412	-0.0024	-0.0132
50	202	-201	0.2418	234	-170	0.2424	0.0006	-0.0108
52	210	-209	0.2514	243	-180	0.2538	0.0024	-0.0114
54	223	-222	0.2670	250	-198	0.2688	0.0018	-0.0138
56	241	-239	0.2880	267	-212	0.2874	-0.0006	-0.0156
58	186	-185	0.2226	211	-154	0.2190	-0.0036	-0.0150
60	131	-132	0.1578	159	-101	0.1560	-0.0018	-0.0114
62	122	-119	0.1446	149	-90	0.1434	-0.0012	-0.0096
64	102	-101	0.1218	95	-93	0.1128	-0.0090	-0.0084
66	156	-154	0.1860	186	-130	0.1896	0.0036	0.0006
68	168	-165	0.1998	196	-142	0.2028	0.0030	-0.0030
70	189	-190	0.2274	220	-161	0.2286	0.0012	-0.0060
72	259	-257	0.3096	283	-229	0.3072	-0.0024	-0.0072
74	361	-359	0.4320	389	-345	0.4404	0.0084	-0.0048
76	478	-475	0.5718	505	-447	0.5712	-0.0006	-0.0132
78	533	-530	0.6378	559	-507	0.6396	0.0018	-0.0126
80	582	-579	0.6966	611	-554	0.6990	0.0024	-0.0144
82	617	-615	0.7392	646	-581	0.7362	-0.0030	-0.0168

**SITE** JSF  
**INSTALLATION** JS26  
**DESCRIPTION**

**CURRENT SURVEY** 7/31/2009 9:02:42 AM  
**INITIAL SURVEY** 6/16/2009 5:20:00 PM  
**DATE PRINTED** 10/15/2009 10:22:02 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
84	634	-634	0.7608	658	-608	0.7596	-0.0012	-0.0138
86	662	-660	0.7932	679	-627	0.7836	-0.0096	-0.0126
88	609	-607	0.7296	634	-576	0.7260	-0.0036	-0.0030
90	631	-628	0.7554	661	-605	0.7596	0.0042	0.0006
92	693	-691	0.8304	719	-659	0.8268	-0.0036	-0.0036
94	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS26  
**DESCRIPTION**

**CURRENT SURVEY** 8/12/2009 3:40:13 PM

**INITIAL SURVEY** 6/16/2009 5:20:00 PM

**DATE PRINTED** 10/15/2009 10:22:02 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
6	225	-223	0.2688	253	-199	0.2712	0.0024	-0.0402
8	212	-213	0.2550	233	-191	0.2544	-0.0006	-0.0426
10	34	-32	0.0396	8	33	-0.0150	-0.0546	-0.0420
12	-245	245	-0.2940	-240	300	-0.3240	-0.0300	0.0126
14	-310	307	-0.3702	-291	325	-0.3696	0.0006	0.0426
16	-104	107	-0.1266	-82	112	-0.1164	0.0102	0.0420
18	88	-85	0.1038	140	-92	0.1392	0.0354	0.0318
20	217	-214	0.2586	265	-209	0.2844	0.0258	-0.0036
22	288	-287	0.3450	313	-249	0.3372	-0.0078	-0.0294
24	275	-275	0.3300	303	-251	0.3324	0.0024	-0.0216
26	310	-307	0.3702	339	-280	0.3714	0.0012	-0.0240
28	274	-273	0.3282	302	-243	0.3270	-0.0012	-0.0252
30	222	-220	0.2652	253	-192	0.2670	0.0018	-0.0240
32	203	-202	0.2430	232	-173	0.2430	0.0000	-0.0258
34	191	-190	0.2286	214	-168	0.2292	0.0006	-0.0258
36	89	-88	0.1062	98	-67	0.0990	-0.0072	-0.0264
38	-101	103	-0.1224	-71	130	-0.1206	0.0018	-0.0192
40	-80	82	-0.0972	-49	100	-0.0894	0.0078	-0.0210
42	49	-48	0.0582	81	-19	0.0600	0.0018	-0.0288
44	102	-100	0.1212	121	-82	0.1218	0.0006	-0.0306
46	187	-184	0.2226	217	-157	0.2244	0.0018	-0.0312
48	204	-202	0.2436	234	-173	0.2442	0.0006	-0.0330
50	202	-201	0.2418	233	-169	0.2412	-0.0006	-0.0336
52	210	-209	0.2514	242	-177	0.2514	0.0000	-0.0330
54	223	-222	0.2670	247	-198	0.2670	0.0000	-0.0330
56	241	-239	0.2880	266	-209	0.2850	-0.0030	-0.0330
58	186	-185	0.2226	213	-159	0.2232	0.0006	-0.0300
60	131	-132	0.1578	158	-99	0.1542	-0.0036	-0.0306
62	122	-119	0.1446	151	-87	0.1428	-0.0018	-0.0270
64	102	-101	0.1218	130	-75	0.1230	0.0012	-0.0252
66	156	-154	0.1860	183	-125	0.1848	-0.0012	-0.0264
68	168	-165	0.1998	194	-138	0.1992	-0.0006	-0.0252
70	189	-190	0.2274	217	-158	0.2250	-0.0024	-0.0246
72	259	-257	0.3096	282	-226	0.3048	-0.0048	-0.0222
74	361	-359	0.4320	385	-342	0.4362	0.0042	-0.0174
76	478	-475	0.5718	502	-446	0.5688	-0.0030	-0.0216
78	533	-530	0.6378	560	-506	0.6396	0.0018	-0.0186
80	582	-579	0.6966	610	-553	0.6978	0.0012	-0.0204
82	617	-615	0.7392	644	-580	0.7344	-0.0048	-0.0216

**SITE** JSF  
**INSTALLATION** JS26  
**DESCRIPTION**

**CURRENT SURVEY** 8/12/2009 3:40:13 PM  
**INITIAL SURVEY** 6/16/2009 5:20:00 PM  
**DATE PRINTED** 10/15/2009 10:22:02 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
84	634	-634	0.7608	659	-606	0.7590	-0.0018	-0.0168
86	662	-660	0.7932	685	-629	0.7884	-0.0048	-0.0150
88	609	-607	0.7296	634	-577	0.7266	-0.0030	-0.0102
90	631	-628	0.7554	656	-603	0.7554	0.0000	-0.0072
92	693	-691	0.8304	714	-658	0.8232	-0.0072	-0.0072
94	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS26  
**DESCRIPTION**

**CURRENT SURVEY** 9/9/2009 9:56:42 AM

**INITIAL SURVEY** 6/16/2009 5:20:00 PM

**DATE PRINTED** 10/15/2009 10:22:02 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
6	225	-223	0.2688	244	-194	0.2628	-0.0060	-0.0324
8	212	-213	0.2550	234	-187	0.2526	-0.0024	-0.0264
10	34	-32	0.0396	0	46	0.0000	-0.0396	-0.0240
12	-245	245	-0.2940	-237	304	-0.3246	-0.0306	0.0156
14	-310	307	-0.3702	-284	324	-0.3648	0.0054	0.0462
16	-104	107	-0.1266	-82	115	-0.1182	0.0084	0.0408
18	88	-85	0.1038	147	-93	0.1440	0.0402	0.0324
20	217	-214	0.2586	266	-206	0.2832	0.0246	-0.0078
22	288	-287	0.3450	313	-244	0.3342	-0.0108	-0.0324
24	275	-275	0.3300	307	-244	0.3306	0.0006	-0.0216
26	310	-307	0.3702	335	-278	0.3678	-0.0024	-0.0222
28	274	-273	0.3282	306	-253	0.3354	0.0072	-0.0198
30	222	-220	0.2652	254	-189	0.2658	0.0006	-0.0270
32	203	-202	0.2430	235	-170	0.2430	0.0000	-0.0276
34	191	-190	0.2286	216	-165	0.2286	0.0000	-0.0276
36	89	-88	0.1062	98	-64	0.0972	-0.0090	-0.0276
38	-101	103	-0.1224	-71	132	-0.1218	0.0006	-0.0186
40	-80	82	-0.0972	-49	100	-0.0894	0.0078	-0.0192
42	49	-48	0.0582	83	-18	0.0606	0.0024	-0.0270
44	102	-100	0.1212	131	-78	0.1254	0.0042	-0.0294
46	187	-184	0.2226	217	-155	0.2232	0.0006	-0.0336
48	204	-202	0.2436	235	-170	0.2430	-0.0006	-0.0342
50	202	-201	0.2418	235	-170	0.2430	0.0012	-0.0336
52	210	-209	0.2514	244	-175	0.2514	0.0000	-0.0348
54	223	-222	0.2670	248	-195	0.2658	-0.0012	-0.0348
56	241	-239	0.2880	267	-209	0.2856	-0.0024	-0.0336
58	186	-185	0.2226	214	-156	0.2220	-0.0006	-0.0312
60	131	-132	0.1578	161	-96	0.1542	-0.0036	-0.0306
62	122	-119	0.1446	152	-86	0.1428	-0.0018	-0.0270
64	102	-101	0.1218	130	-72	0.1212	-0.0006	-0.0252
66	156	-154	0.1860	182	-122	0.1824	-0.0036	-0.0246
68	168	-165	0.1998	194	-136	0.1980	-0.0018	-0.0210
70	189	-190	0.2274	218	-156	0.2244	-0.0030	-0.0192
72	259	-257	0.3096	286	-226	0.3072	-0.0024	-0.0162
74	361	-359	0.4320	382	-338	0.4320	0.0000	-0.0138
76	478	-475	0.5718	502	-452	0.5724	0.0006	-0.0138
78	533	-530	0.6378	562	-513	0.6450	0.0072	-0.0144
80	582	-579	0.6966	613	-550	0.6978	0.0012	-0.0216
82	617	-615	0.7392	648	-578	0.7356	-0.0036	-0.0228

**SITE** JSF  
**INSTALLATION** JS26  
**DESCRIPTION**

**CURRENT SURVEY** 9/9/2009 9:56:42 AM  
**INITIAL SURVEY** 6/16/2009 5:20:00 PM  
**DATE PRINTED** 10/15/2009 10:22:02 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
84	634	-634	0.7608	662	-605	0.7602	-0.0006	-0.0192
86	662	-660	0.7932	687	-625	0.7872	-0.0060	-0.0186
88	609	-607	0.7296	637	-574	0.7266	-0.0030	-0.0126
90	631	-628	0.7554	653	-601	0.7524	-0.0030	-0.0096
92	693	-691	0.8304	718	-655	0.8238	-0.0066	-0.0066
94	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS26  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 2:47:49 PM

**INITIAL SURVEY** 6/16/2009 5:20:00 PM

**DATE PRINTED** 10/15/2009 10:22:02 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
6	225	-223	0.2688	251	-197	0.2688	0.0000	-0.0330
8	212	-213	0.2550	235	-195	0.2580	0.0030	-0.0330
10	34	-32	0.0396	-8	42	-0.0300	-0.0696	-0.0360
12	-245	245	-0.2940	-240	299	-0.3234	-0.0294	0.0336
14	-310	307	-0.3702	-290	321	-0.3666	0.0036	0.0630
16	-104	107	-0.1266	-94	113	-0.1242	0.0024	0.0594
18	88	-85	0.1038	143	-96	0.1434	0.0396	0.0570
20	217	-214	0.2586	267	-207	0.2844	0.0258	0.0174
22	288	-287	0.3450	313	-247	0.3360	-0.0090	-0.0084
24	275	-275	0.3300	306	-249	0.3330	0.0030	0.0006
26	310	-307	0.3702	343	-282	0.3750	0.0048	-0.0024
28	274	-273	0.3282	305	-244	0.3294	0.0012	-0.0072
30	222	-220	0.2652	254	-191	0.2670	0.0018	-0.0084
32	203	-202	0.2430	231	-169	0.2400	-0.0030	-0.0102
34	191	-190	0.2286	213	-169	0.2292	0.0006	-0.0072
36	89	-88	0.1062	97	-74	0.1026	-0.0036	-0.0078
38	-101	103	-0.1224	-73	123	-0.1176	0.0048	-0.0042
40	-80	82	-0.0972	-50	99	-0.0894	0.0078	-0.0090
42	49	-48	0.0582	78	-18	0.0576	-0.0006	-0.0168
44	102	-100	0.1212	126	-81	0.1242	0.0030	-0.0162
46	187	-184	0.2226	215	-160	0.2250	0.0024	-0.0192
48	204	-202	0.2436	231	-176	0.2442	0.0006	-0.0216
50	202	-201	0.2418	233	-171	0.2424	0.0006	-0.0222
52	210	-209	0.2514	242	-182	0.2544	0.0030	-0.0228
54	223	-222	0.2670	247	-201	0.2688	0.0018	-0.0258
56	241	-239	0.2880	269	-210	0.2874	-0.0006	-0.0276
58	186	-185	0.2226	213	-159	0.2232	0.0006	-0.0270
60	131	-132	0.1578	159	-99	0.1548	-0.0030	-0.0276
62	122	-119	0.1446	146	-93	0.1434	-0.0012	-0.0246
64	102	-101	0.1218	126	-73	0.1194	-0.0024	-0.0234
66	156	-154	0.1860	182	-123	0.1830	-0.0030	-0.0210
68	168	-165	0.1998	195	-138	0.1998	0.0000	-0.0180
70	189	-190	0.2274	218	-157	0.2250	-0.0024	-0.0180
72	259	-257	0.3096	282	-225	0.3042	-0.0054	-0.0156
74	361	-359	0.4320	386	-341	0.4362	0.0042	-0.0102
76	478	-475	0.5718	502	-446	0.5688	-0.0030	-0.0144
78	533	-530	0.6378	563	-504	0.6402	0.0024	-0.0114
80	582	-579	0.6966	611	-554	0.6990	0.0024	-0.0138
82	617	-615	0.7392	640	-579	0.7314	-0.0078	-0.0162



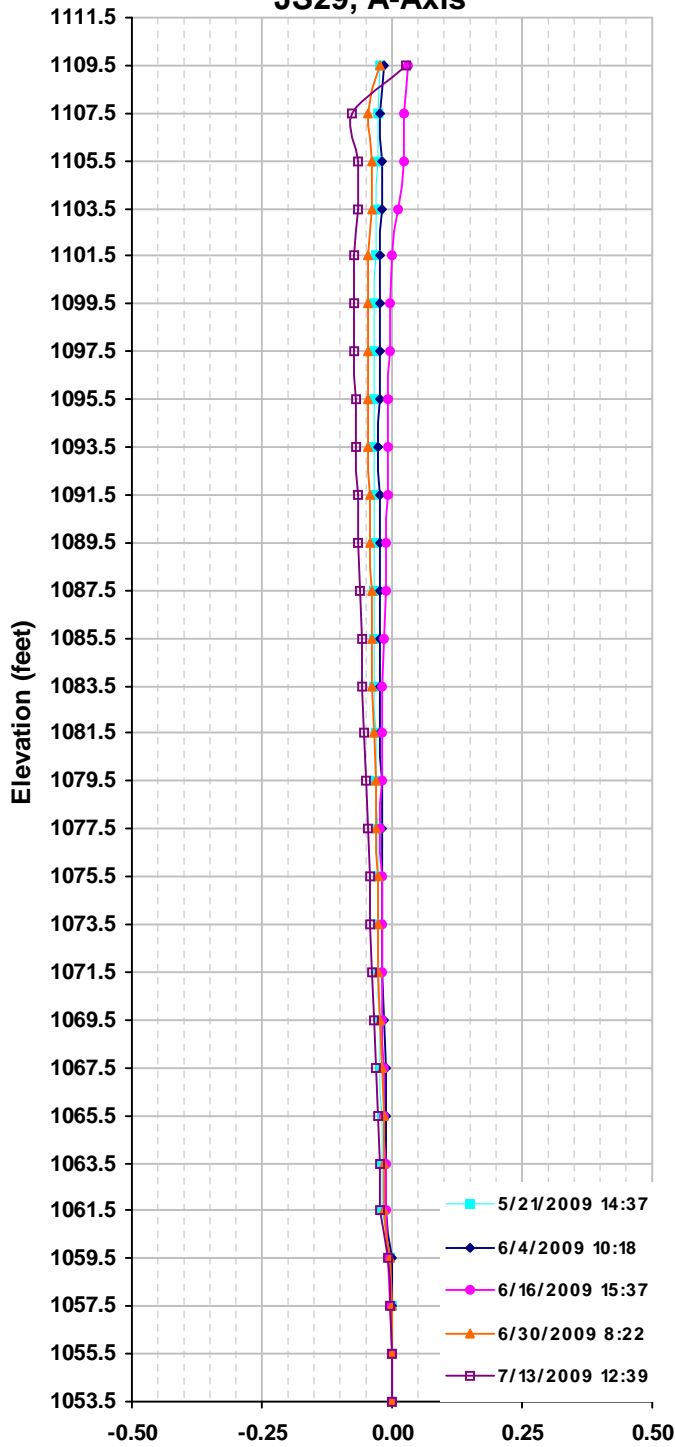
**SITE** JSF  
**INSTALLATION** JS26  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 2:47:49 PM  
**INITIAL SURVEY** 6/16/2009 5:20:00 PM  
**DATE PRINTED** 10/15/2009 10:22:02 AM

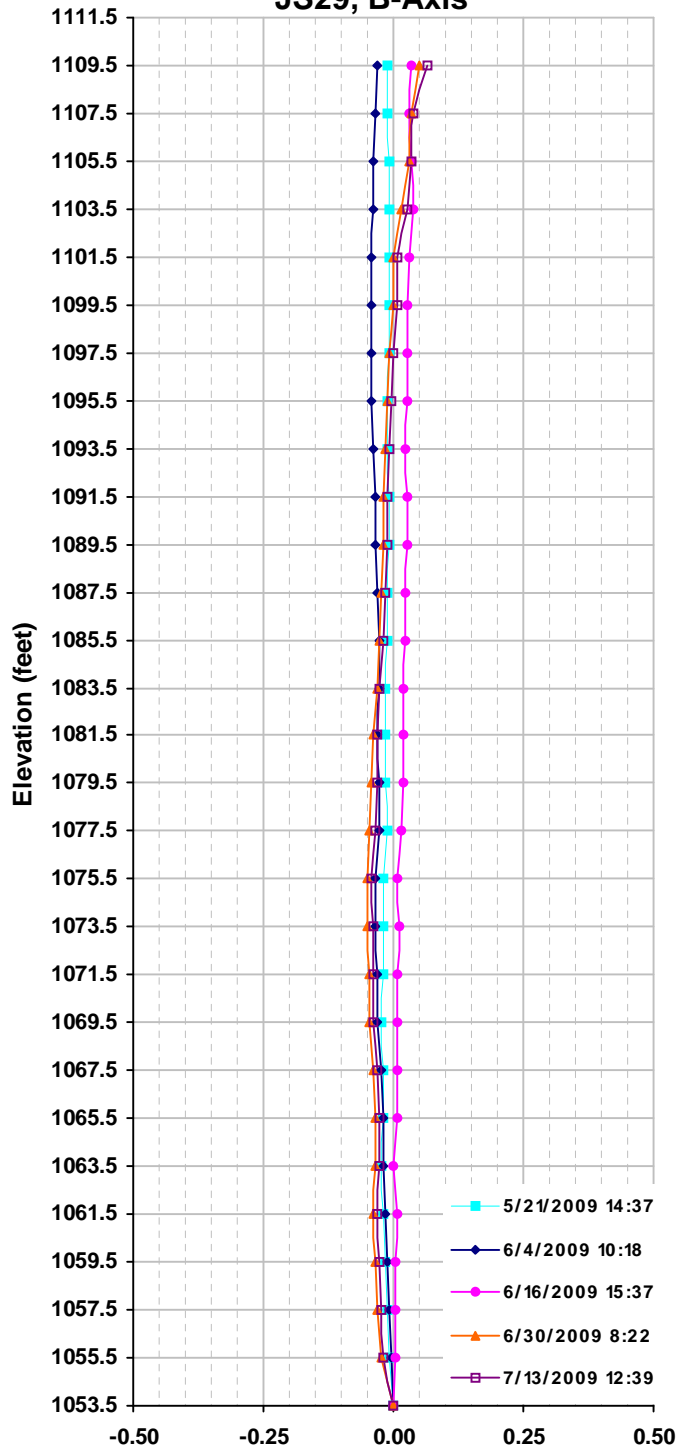
Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
84	634	-634	0.7608	661	-607	0.7608	0.0000	-0.0084
86	662	-660	0.7932	687	-627	0.7884	-0.0048	-0.0084
88	609	-607	0.7296	635	-581	0.7296	0.0000	-0.0036
90	631	-628	0.7554	657	-603	0.7560	0.0006	-0.0036
92	693	-691	0.8304	718	-659	0.8262	-0.0042	-0.0042
94	0	0	0.0000	0	0	0.0000	0.0000	0.0000

JS29, A-Axis

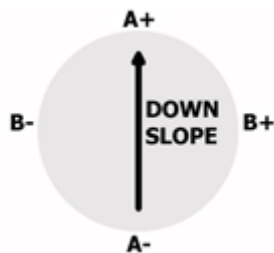


JS29, B-Axis



Cumulative Displacement (in) from 5/19/2009

Cumulative Displacement (in) from 5/19/2009



John Sevier Fossil Plant

Rogersville, TN

175569038

7/16/2009

**SITE** JSF  
**INSTALLATION** JS29  
**DESCRIPTION**

**CURRENT SURVEY** 5/21/2009 2:37:58 PM

**INITIAL SURVEY** 5/19/2009 7:45:56 AM

**DATE PRINTED** 7/15/2009 7:49:38 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-675	706	-0.8286	-672	703	-0.8250	0.0036	-0.0240
4	-689	719	-0.8448	-690	718	-0.8448	0.0000	-0.0276
6	-597	625	-0.7332	-595	623	-0.7308	0.0024	-0.0276
8	-383	414	-0.4782	-382	411	-0.4758	0.0024	-0.0300
10	-351	379	-0.4380	-351	377	-0.4368	0.0012	-0.0324
12	-373	403	-0.4656	-373	402	-0.4650	0.0006	-0.0336
14	-401	430	-0.4986	-402	429	-0.4986	0.0000	-0.0342
16	-424	452	-0.5256	-424	451	-0.5250	0.0006	-0.0342
18	-414	444	-0.5148	-415	443	-0.5148	0.0000	-0.0348
20	-398	426	-0.4944	-399	426	-0.4950	-0.0006	-0.0348
22	-341	373	-0.4284	-342	373	-0.4290	-0.0006	-0.0342
24	-358	387	-0.4470	-359	386	-0.4470	0.0000	-0.0336
26	-350	378	-0.4368	-351	378	-0.4374	-0.0006	-0.0336
28	-265	294	-0.3354	-265	295	-0.3360	-0.0006	-0.0330
30	-149	175	-0.1944	-151	177	-0.1968	-0.0024	-0.0324
32	-44	75	-0.0714	-46	75	-0.0726	-0.0012	-0.0300
34	25	4	0.0126	23	5	0.0108	-0.0018	-0.0288
36	90	-61	0.0906	89	-61	0.0900	-0.0006	-0.0270
38	157	-125	0.1692	155	-126	0.1686	-0.0006	-0.0264
40	208	-180	0.2328	206	-179	0.2310	-0.0018	-0.0258
42	299	-269	0.3408	297	-267	0.3384	-0.0024	-0.0240
44	417	-387	0.4824	414	-387	0.4806	-0.0018	-0.0216
46	449	-421	0.5220	448	-423	0.5226	0.0006	-0.0198
48	356	-327	0.4098	355	-327	0.4092	-0.0006	-0.0204
50	654	-624	0.7668	642	-612	0.7524	-0.0144	-0.0198
52	817	-786	0.9618	815	-782	0.9582	-0.0036	-0.0054
54	839	-808	0.9882	838	-809	0.9882	0.0000	-0.0018
56	855	-826	1.0086	854	-824	1.0068	-0.0018	-0.0018
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS29  
**DESCRIPTION**

**CURRENT SURVEY** 6/4/2009 10:18:43 AM

**INITIAL SURVEY** 5/19/2009 7:45:56 AM

**DATE PRINTED** 7/15/2009 7:49:38 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-675	706	-0.8286	-671	698	-0.8214	0.0072	-0.0156
4	-689	719	-0.8448	-694	721	-0.8490	-0.0042	-0.0228
6	-597	625	-0.7332	-599	623	-0.7332	0.0000	-0.0186
8	-383	414	-0.4782	-381	406	-0.4722	0.0060	-0.0186
10	-351	379	-0.4380	-353	377	-0.4380	0.0000	-0.0246
12	-373	403	-0.4656	-375	401	-0.4656	0.0000	-0.0246
14	-401	430	-0.4986	-402	429	-0.4986	0.0000	-0.0246
16	-424	452	-0.5256	-425	450	-0.5250	0.0006	-0.0246
18	-414	444	-0.5148	-416	443	-0.5154	-0.0006	-0.0252
20	-398	426	-0.4944	-400	425	-0.4950	-0.0006	-0.0246
22	-341	373	-0.4284	-343	371	-0.4284	0.0000	-0.0240
24	-358	387	-0.4470	-359	385	-0.4464	0.0006	-0.0240
26	-350	378	-0.4368	-352	377	-0.4374	-0.0006	-0.0246
28	-265	294	-0.3354	-267	295	-0.3372	-0.0018	-0.0240
30	-149	175	-0.1944	-151	175	-0.1956	-0.0012	-0.0222
32	-44	75	-0.0714	-47	74	-0.0726	-0.0012	-0.0210
34	25	4	0.0126	22	3	0.0114	-0.0012	-0.0198
36	90	-61	0.0906	88	-62	0.0900	-0.0006	-0.0186
38	157	-125	0.1692	154	-127	0.1686	-0.0006	-0.0180
40	208	-180	0.2328	205	-180	0.2310	-0.0018	-0.0174
42	299	-269	0.3408	295	-268	0.3378	-0.0030	-0.0156
44	417	-387	0.4824	414	-389	0.4818	-0.0006	-0.0126
46	449	-421	0.5220	449	-423	0.5232	0.0012	-0.0120
48	356	-327	0.4098	355	-328	0.4098	0.0000	-0.0132
50	654	-624	0.7668	643	-616	0.7554	-0.0114	-0.0132
52	817	-786	0.9618	814	-786	0.9600	-0.0018	-0.0018
54	839	-808	0.9882	838	-810	0.9888	0.0006	0.0000
56	855	-826	1.0086	853	-827	1.0080	-0.0006	-0.0006
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS29  
**DESCRIPTION**

**CURRENT SURVEY** 6/16/2009 3:37:00 PM

**INITIAL SURVEY** 5/19/2009 7:45:56 AM

**DATE PRINTED** 7/15/2009 7:49:38 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-675	706	-0.8286	-688	676	-0.8184	0.0102	0.0318
4	-689	719	-0.8448	-709	699	-0.8448	0.0000	0.0216
6	-597	625	-0.7332	-609	596	-0.7230	0.0102	0.0216
8	-383	414	-0.4782	-395	381	-0.4656	0.0126	0.0114
10	-351	379	-0.4380	-371	356	-0.4362	0.0018	-0.0012
12	-373	403	-0.4656	-393	380	-0.4638	0.0018	-0.0030
14	-401	430	-0.4986	-421	407	-0.4968	0.0018	-0.0048
16	-424	452	-0.5256	-442	429	-0.5226	0.0030	-0.0066
18	-414	444	-0.5148	-437	421	-0.5148	0.0000	-0.0096
20	-398	426	-0.4944	-418	402	-0.4920	0.0024	-0.0096
22	-341	373	-0.4284	-363	350	-0.4278	0.0006	-0.0120
24	-358	387	-0.4470	-378	364	-0.4452	0.0018	-0.0126
26	-350	378	-0.4368	-369	354	-0.4338	0.0030	-0.0144
28	-265	294	-0.3354	-286	271	-0.3342	0.0012	-0.0174
30	-149	175	-0.1944	-169	152	-0.1926	0.0018	-0.0186
32	-44	75	-0.0714	-65	52	-0.0702	0.0012	-0.0204
34	25	4	0.0126	3	-16	0.0114	-0.0012	-0.0216
36	90	-61	0.0906	68	-82	0.0900	-0.0006	-0.0204
38	157	-125	0.1692	133	-149	0.1692	0.0000	-0.0198
40	208	-180	0.2328	185	-200	0.2310	-0.0018	-0.0198
42	299	-269	0.3408	275	-289	0.3384	-0.0024	-0.0180
44	417	-387	0.4824	393	-408	0.4806	-0.0018	-0.0156
46	449	-421	0.5220	426	-441	0.5202	-0.0018	-0.0138
48	356	-327	0.4098	335	-349	0.4104	0.0006	-0.0120
50	654	-624	0.7668	625	-643	0.7608	-0.0060	-0.0126
52	817	-786	0.9618	793	-806	0.9594	-0.0024	-0.0066
54	839	-808	0.9882	815	-828	0.9858	-0.0024	-0.0042
56	855	-826	1.0086	832	-846	1.0068	-0.0018	-0.0018
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS29  
**DESCRIPTION**

**CURRENT SURVEY** 6/30/2009 8:22:32 AM

**INITIAL SURVEY** 5/19/2009 7:45:56 AM

**DATE PRINTED** 7/15/2009 7:49:39 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-675	706	-0.8286	-665	677	-0.8052	0.0234	-0.0216
4	-689	719	-0.8448	-705	717	-0.8532	-0.0084	-0.0450
6	-597	625	-0.7332	-609	613	-0.7332	0.0000	-0.0366
8	-383	414	-0.4782	-387	394	-0.4686	0.0096	-0.0366
10	-351	379	-0.4380	-362	369	-0.4386	-0.0006	-0.0462
12	-373	403	-0.4656	-383	394	-0.4662	-0.0006	-0.0456
14	-401	430	-0.4986	-412	419	-0.4986	0.0000	-0.0450
16	-424	452	-0.5256	-435	442	-0.5262	-0.0006	-0.0450
18	-414	444	-0.5148	-427	433	-0.5160	-0.0012	-0.0444
20	-398	426	-0.4944	-410	416	-0.4956	-0.0012	-0.0432
22	-341	373	-0.4284	-354	363	-0.4302	-0.0018	-0.0420
24	-358	387	-0.4470	-369	377	-0.4476	-0.0006	-0.0402
26	-350	378	-0.4368	-362	370	-0.4392	-0.0024	-0.0396
28	-265	294	-0.3354	-277	286	-0.3378	-0.0024	-0.0372
30	-149	175	-0.1944	-162	167	-0.1974	-0.0030	-0.0348
32	-44	75	-0.0714	-56	65	-0.0726	-0.0012	-0.0318
34	25	4	0.0126	13	-4	0.0102	-0.0024	-0.0306
36	90	-61	0.0906	78	-71	0.0894	-0.0012	-0.0282
38	157	-125	0.1692	145	-137	0.1692	0.0000	-0.0270
40	208	-180	0.2328	196	-188	0.2304	-0.0024	-0.0270
42	299	-269	0.3408	285	-274	0.3354	-0.0054	-0.0246
44	417	-387	0.4824	403	-397	0.4800	-0.0024	-0.0192
46	449	-421	0.5220	439	-431	0.5220	0.0000	-0.0168
48	356	-327	0.4098	345	-335	0.4080	-0.0018	-0.0168
50	654	-624	0.7668	631	-627	0.7548	-0.0120	-0.0150
52	817	-786	0.9618	806	-795	0.9606	-0.0012	-0.0030
54	839	-808	0.9882	828	-819	0.9882	0.0000	-0.0018
56	855	-826	1.0086	843	-835	1.0068	-0.0018	-0.0018
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS29  
**DESCRIPTION**

**CURRENT SURVEY** 7/13/2009 12:39:26 PM

**INITIAL SURVEY** 5/19/2009 7:45:56 AM

**DATE PRINTED** 7/15/2009 7:49:39 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-675	706	-0.8286	-599	609	-0.7248	0.1038	0.0282
4	-689	719	-0.8448	-706	719	-0.8550	-0.0102	-0.0756
6	-597	625	-0.7332	-607	617	-0.7344	-0.0012	-0.0654
8	-383	414	-0.4782	-384	395	-0.4674	0.0108	-0.0642
10	-351	379	-0.4380	-361	373	-0.4404	-0.0024	-0.0750
12	-373	403	-0.4656	-382	396	-0.4668	-0.0012	-0.0726
14	-401	430	-0.4986	-410	422	-0.4992	-0.0006	-0.0714
16	-424	452	-0.5256	-433	445	-0.5268	-0.0012	-0.0708
18	-414	444	-0.5148	-426	436	-0.5172	-0.0024	-0.0696
20	-398	426	-0.4944	-410	420	-0.4980	-0.0036	-0.0672
22	-341	373	-0.4284	-353	366	-0.4314	-0.0030	-0.0636
24	-358	387	-0.4470	-368	379	-0.4482	-0.0012	-0.0606
26	-350	378	-0.4368	-362	371	-0.4398	-0.0030	-0.0594
28	-265	294	-0.3354	-277	288	-0.3390	-0.0036	-0.0564
30	-149	175	-0.1944	-162	169	-0.1986	-0.0042	-0.0528
32	-44	75	-0.0714	-55	67	-0.0732	-0.0018	-0.0486
34	25	4	0.0126	13	-2	0.0090	-0.0036	-0.0468
36	90	-61	0.0906	79	-68	0.0882	-0.0024	-0.0432
38	157	-125	0.1692	146	-134	0.1680	-0.0012	-0.0408
40	208	-180	0.2328	196	-186	0.2292	-0.0036	-0.0396
42	299	-269	0.3408	285	-273	0.3348	-0.0060	-0.0360
44	417	-387	0.4824	403	-393	0.4776	-0.0048	-0.0300
46	449	-421	0.5220	440	-429	0.5214	-0.0006	-0.0252
48	356	-327	0.4098	346	-333	0.4074	-0.0024	-0.0246
50	654	-624	0.7668	630	-621	0.7506	-0.0162	-0.0222
52	817	-786	0.9618	806	-792	0.9588	-0.0030	-0.0060
54	839	-808	0.9882	829	-815	0.9864	-0.0018	-0.0030
56	855	-826	1.0086	845	-834	1.0074	-0.0012	-0.0012
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS29  
**DESCRIPTION**

**CURRENT SURVEY** 5/21/2009 2:37:58 PM

**INITIAL SURVEY** 5/19/2009 7:45:56 AM

**DATE PRINTED** 7/15/2009 7:49:49 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-709	747	-0.8736	-710	746	-0.8736	0.0000	-0.0114
4	-620	657	-0.7662	-622	658	-0.7680	-0.0018	-0.0114
6	-545	576	-0.6726	-547	578	-0.6750	-0.0024	-0.0096
8	-401	432	-0.4998	-399	432	-0.4986	0.0012	-0.0072
10	-374	410	-0.4704	-377	409	-0.4716	-0.0012	-0.0084
12	-366	408	-0.4644	-368	405	-0.4638	0.0006	-0.0072
14	-366	405	-0.4626	-369	398	-0.4602	0.0024	-0.0078
16	-381	418	-0.4794	-380	417	-0.4782	0.0012	-0.0102
18	-358	387	-0.4470	-359	390	-0.4494	-0.0024	-0.0114
20	-343	379	-0.4332	-343	380	-0.4338	-0.0006	-0.0090
22	-342	383	-0.4350	-343	377	-0.4320	0.0030	-0.0084
24	-359	396	-0.4530	-359	394	-0.4518	0.0012	-0.0114
26	-392	426	-0.4908	-387	427	-0.4884	0.0024	-0.0126
28	-339	372	-0.4266	-340	373	-0.4278	-0.0012	-0.0150
30	-274	308	-0.3492	-273	309	-0.3492	0.0000	-0.0138
32	-214	251	-0.2790	-213	253	-0.2796	-0.0006	-0.0138
34	-209	234	-0.2658	-197	235	-0.2592	0.0066	-0.0132
36	-163	202	-0.2190	-165	203	-0.2208	-0.0018	-0.0198
38	-105	137	-0.1452	-103	138	-0.1446	0.0006	-0.0180
40	-110	146	-0.1536	-108	143	-0.1506	0.0030	-0.0186
42	-143	170	-0.1878	-139	178	-0.1902	-0.0024	-0.0216
44	-188	220	-0.2448	-187	221	-0.2448	0.0000	-0.0192
46	-271	307	-0.3468	-270	303	-0.3438	0.0030	-0.0192
48	-266	291	-0.3342	-269	295	-0.3384	-0.0042	-0.0222
50	-125	159	-0.1704	-127	163	-0.1740	-0.0036	-0.0180
52	-55	94	-0.0894	-58	97	-0.0930	-0.0036	-0.0144
54	-20	58	-0.0468	-23	59	-0.0492	-0.0024	-0.0108
56	-17	50	-0.0402	-31	50	-0.0486	-0.0084	-0.0084
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000



**SITE** JSF  
**INSTALLATION** JS29  
**DESCRIPTION**

**CURRENT SURVEY** 6/4/2009 10:18:43 AM

**INITIAL SURVEY** 5/19/2009 7:45:56 AM

**DATE PRINTED** 7/15/2009 7:49:49 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-709	747	-0.8736	-704	743	-0.8682	0.0054	-0.0306
4	-620	657	-0.7662	-621	655	-0.7656	0.0006	-0.0360
6	-545	576	-0.6726	-546	575	-0.6726	0.0000	-0.0366
8	-401	432	-0.4998	-395	429	-0.4944	0.0054	-0.0366
10	-374	410	-0.4704	-377	409	-0.4716	-0.0012	-0.0420
12	-366	408	-0.4644	-368	405	-0.4638	0.0006	-0.0408
14	-366	405	-0.4626	-369	403	-0.4632	-0.0006	-0.0414
16	-381	418	-0.4794	-385	418	-0.4818	-0.0024	-0.0408
18	-358	387	-0.4470	-363	388	-0.4506	-0.0036	-0.0384
20	-343	379	-0.4332	-347	378	-0.4350	-0.0018	-0.0348
22	-342	383	-0.4350	-345	382	-0.4362	-0.0012	-0.0330
24	-359	396	-0.4530	-365	395	-0.4560	-0.0030	-0.0318
26	-392	426	-0.4908	-392	426	-0.4908	0.0000	-0.0288
28	-339	372	-0.4266	-339	370	-0.4254	0.0012	-0.0288
30	-274	308	-0.3492	-275	309	-0.3504	-0.0012	-0.0300
32	-214	251	-0.2790	-215	251	-0.2796	-0.0006	-0.0288
34	-209	234	-0.2658	-200	231	-0.2586	0.0072	-0.0282
36	-163	202	-0.2190	-166	201	-0.2202	-0.0012	-0.0354
38	-105	137	-0.1452	-109	137	-0.1476	-0.0024	-0.0342
40	-110	146	-0.1536	-115	143	-0.1548	-0.0012	-0.0318
42	-143	170	-0.1878	-145	179	-0.1944	-0.0066	-0.0306
44	-188	220	-0.2448	-192	221	-0.2478	-0.0030	-0.0240
46	-271	307	-0.3468	-275	304	-0.3474	-0.0006	-0.0210
48	-266	291	-0.3342	-269	294	-0.3378	-0.0036	-0.0204
50	-125	159	-0.1704	-129	161	-0.1740	-0.0036	-0.0168
52	-55	94	-0.0894	-62	95	-0.0942	-0.0048	-0.0132
54	-20	58	-0.0468	-27	58	-0.0510	-0.0042	-0.0084
56	-17	50	-0.0402	-23	51	-0.0444	-0.0042	-0.0042
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS29  
**DESCRIPTION**

**CURRENT SURVEY** 6/16/2009 3:37:00 PM

**INITIAL SURVEY** 5/19/2009 7:45:56 AM

**DATE PRINTED** 7/15/2009 7:49:49 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-709	747	-0.8736	-725	724	-0.8694	0.0042	0.0360
4	-620	657	-0.7662	-641	638	-0.7674	-0.0012	0.0318
6	-545	576	-0.6726	-564	565	-0.6774	-0.0048	0.0330
8	-401	432	-0.4998	-412	409	-0.4926	0.0072	0.0378
10	-374	410	-0.4704	-390	391	-0.4686	0.0018	0.0306
12	-366	408	-0.4644	-385	386	-0.4626	0.0018	0.0288
14	-366	405	-0.4626	-384	385	-0.4614	0.0012	0.0270
16	-381	418	-0.4794	-397	400	-0.4782	0.0012	0.0258
18	-358	387	-0.4470	-376	373	-0.4494	-0.0024	0.0246
20	-343	379	-0.4332	-360	360	-0.4320	0.0012	0.0270
22	-342	383	-0.4350	-360	363	-0.4338	0.0012	0.0258
24	-359	396	-0.4530	-376	376	-0.4512	0.0018	0.0246
26	-392	426	-0.4908	-405	409	-0.4884	0.0024	0.0228
28	-339	372	-0.4266	-356	354	-0.4260	0.0006	0.0204
30	-274	308	-0.3492	-290	290	-0.3480	0.0012	0.0198
32	-214	251	-0.2790	-230	232	-0.2772	0.0018	0.0186
34	-209	234	-0.2658	-216	215	-0.2586	0.0072	0.0168
36	-163	202	-0.2190	-182	185	-0.2202	-0.0012	0.0096
38	-105	137	-0.1452	-120	118	-0.1428	0.0024	0.0108
40	-110	146	-0.1536	-126	126	-0.1512	0.0024	0.0084
42	-143	170	-0.1878	-157	160	-0.1902	-0.0024	0.0060
44	-188	220	-0.2448	-201	203	-0.2424	0.0024	0.0084
46	-271	307	-0.3468	-284	287	-0.3426	0.0042	0.0060
48	-266	291	-0.3342	-283	281	-0.3384	-0.0042	0.0018
50	-125	159	-0.1704	-141	141	-0.1692	0.0012	0.0060
52	-55	94	-0.0894	-72	77	-0.0894	0.0000	0.0048
54	-20	58	-0.0468	-36	38	-0.0444	0.0024	0.0048
56	-17	50	-0.0402	-30	33	-0.0378	0.0024	0.0024
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS29  
**DESCRIPTION**

**CURRENT SURVEY** 6/30/2009 8:22:32 AM

**INITIAL SURVEY** 5/19/2009 7:45:56 AM

**DATE PRINTED** 7/15/2009 7:49:49 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-709	747	-0.8736	-690	744	-0.8604	0.0132	0.0486
4	-620	657	-0.7662	-606	663	-0.7614	0.0048	0.0354
6	-545	576	-0.6726	-530	567	-0.6582	0.0144	0.0306
8	-401	432	-0.4998	-377	431	-0.4848	0.0150	0.0162
10	-374	410	-0.4704	-361	418	-0.4674	0.0030	0.0012
12	-366	408	-0.4644	-353	412	-0.4590	0.0054	-0.0018
14	-366	405	-0.4626	-353	411	-0.4584	0.0042	-0.0072
16	-381	418	-0.4794	-368	422	-0.4740	0.0054	-0.0114
18	-358	387	-0.4470	-347	395	-0.4452	0.0018	-0.0168
20	-343	379	-0.4332	-332	386	-0.4308	0.0024	-0.0186
22	-342	383	-0.4350	-331	388	-0.4314	0.0036	-0.0210
24	-359	396	-0.4530	-348	402	-0.4500	0.0030	-0.0246
26	-392	426	-0.4908	-377	433	-0.4860	0.0048	-0.0276
28	-339	372	-0.4266	-327	375	-0.4212	0.0054	-0.0324
30	-274	308	-0.3492	-262	314	-0.3456	0.0036	-0.0378
32	-214	251	-0.2790	-201	259	-0.2760	0.0030	-0.0414
34	-209	234	-0.2658	-188	245	-0.2598	0.0060	-0.0444
36	-163	202	-0.2190	-155	209	-0.2184	0.0006	-0.0504
38	-105	137	-0.1452	-101	146	-0.1482	-0.0030	-0.0510
40	-110	146	-0.1536	-102	156	-0.1548	-0.0012	-0.0480
42	-143	170	-0.1878	-133	191	-0.1944	-0.0066	-0.0468
44	-188	220	-0.2448	-181	235	-0.2496	-0.0048	-0.0402
46	-271	307	-0.3468	-263	317	-0.3480	-0.0012	-0.0354
48	-266	291	-0.3342	-261	292	-0.3318	0.0024	-0.0342
50	-125	159	-0.1704	-120	169	-0.1734	-0.0030	-0.0366
52	-55	94	-0.0894	-53	103	-0.0936	-0.0042	-0.0336
54	-20	58	-0.0468	-17	69	-0.0516	-0.0048	-0.0294
56	-17	50	-0.0402	-50	58	-0.0648	-0.0246	-0.0246
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS29  
**DESCRIPTION**

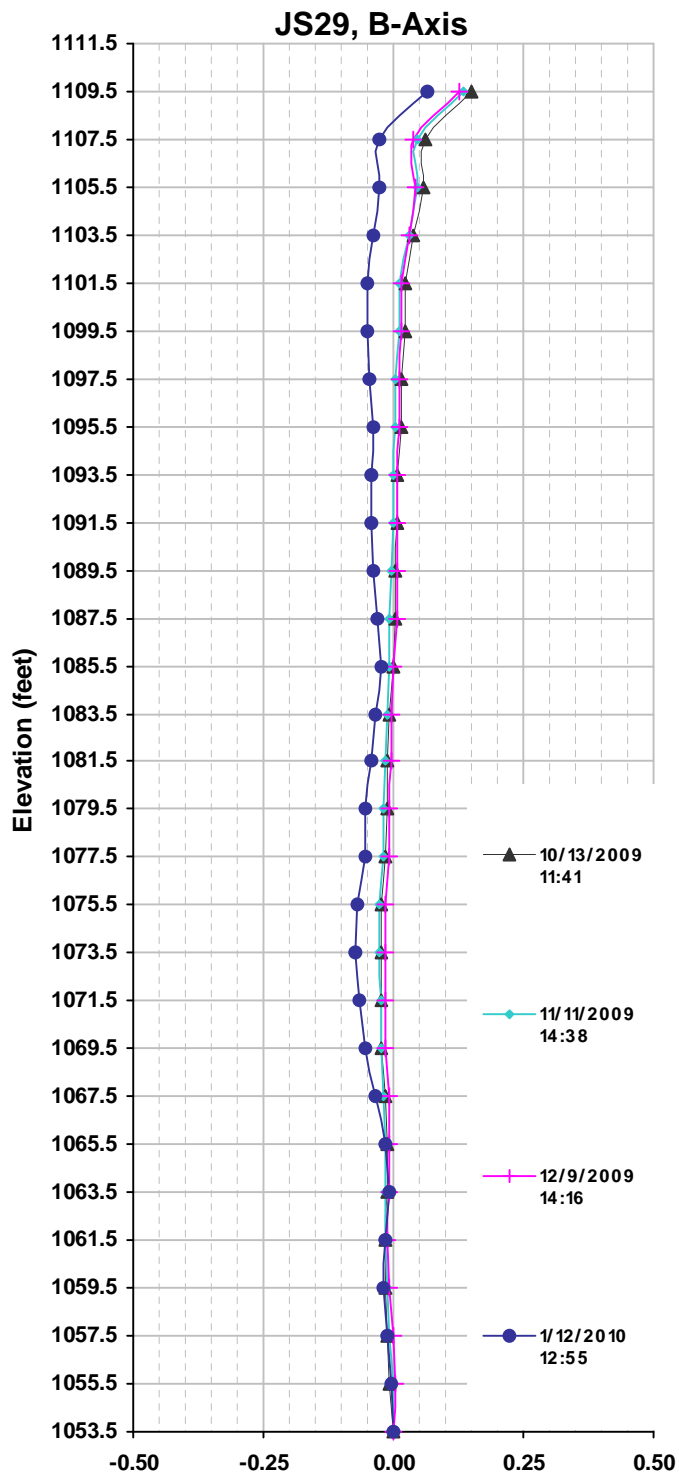
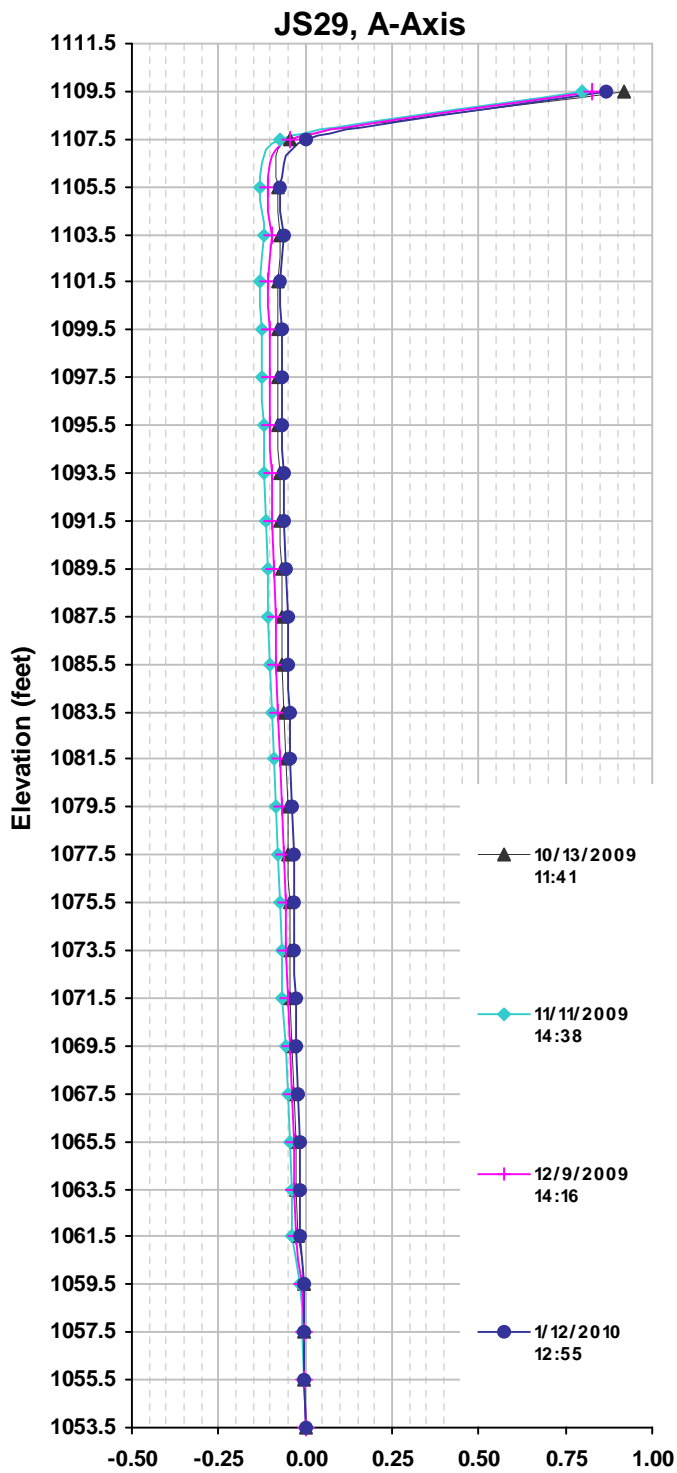
**CURRENT SURVEY** 7/13/2009 12:39:26 PM

**INITIAL SURVEY** 5/19/2009 7:45:56 AM

**DATE PRINTED** 7/15/2009 7:49:49 AM

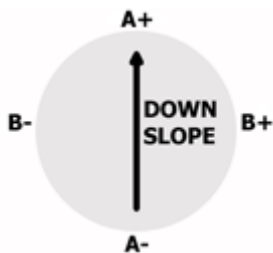
Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-709	747	-0.8736	-674	735	-0.8454	0.0282	0.0666
4	-620	657	-0.7662	-606	666	-0.7632	0.0030	0.0384
6	-545	576	-0.6726	-537	567	-0.6624	0.0102	0.0354
8	-401	432	-0.4998	-374	433	-0.4842	0.0156	0.0252
10	-374	410	-0.4704	-361	419	-0.4680	0.0024	0.0096
12	-366	408	-0.4644	-350	413	-0.4578	0.0066	0.0072
14	-366	405	-0.4626	-351	414	-0.4590	0.0036	0.0006
16	-381	418	-0.4794	-367	421	-0.4728	0.0066	-0.0030
18	-358	387	-0.4470	-347	396	-0.4458	0.0012	-0.0096
20	-343	379	-0.4332	-331	388	-0.4314	0.0018	-0.0108
22	-342	383	-0.4350	-329	390	-0.4314	0.0036	-0.0126
24	-359	396	-0.4530	-344	405	-0.4494	0.0036	-0.0162
26	-392	426	-0.4908	-375	434	-0.4854	0.0054	-0.0198
28	-339	372	-0.4266	-326	378	-0.4224	0.0042	-0.0252
30	-274	308	-0.3492	-263	317	-0.3480	0.0012	-0.0294
32	-214	251	-0.2790	-200	260	-0.2760	0.0030	-0.0306
34	-209	234	-0.2658	-186	245	-0.2586	0.0072	-0.0336
36	-163	202	-0.2190	-154	212	-0.2196	-0.0006	-0.0408
38	-105	137	-0.1452	-95	147	-0.1452	0.0000	-0.0402
40	-110	146	-0.1536	-100	157	-0.1542	-0.0006	-0.0402
42	-143	170	-0.1878	-132	193	-0.1950	-0.0072	-0.0396
44	-188	220	-0.2448	-178	236	-0.2484	-0.0036	-0.0324
46	-271	307	-0.3468	-262	318	-0.3480	-0.0012	-0.0288
48	-266	291	-0.3342	-259	293	-0.3312	0.0030	-0.0276
50	-125	159	-0.1704	-119	171	-0.1740	-0.0036	-0.0306
52	-55	94	-0.0894	-52	103	-0.0930	-0.0036	-0.0270
54	-20	58	-0.0468	-15	70	-0.0510	-0.0042	-0.0234
56	-17	50	-0.0402	-47	52	-0.0594	-0.0192	-0.0192
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000



Cumulative Displacement (in) from 5/19/2009

Cumulative Displacement (in) from 5/19/2009



**John Sevier Fossil Plant**

**Rogersville, TN**

**175569038**

**1/13/2010**

**SITE** JSF  
**INSTALLATION** JS29  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 11:41:19 AM

**INITIAL SURVEY** 5/19/2009 7:45:56 AM

**DATE PRINTED** 1/13/2010 3:52:19 PM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-675	706	-0.8286	118	-100	0.1308	0.9594	0.9180
4	-689	719	-0.8448	-667	680	-0.8082	0.0366	-0.0414
6	-597	625	-0.7332	-610	623	-0.7398	-0.0066	-0.0780
8	-383	414	-0.4782	-383	397	-0.4680	0.0102	-0.0714
10	-351	379	-0.4380	-362	373	-0.4410	-0.0030	-0.0816
12	-373	403	-0.4656	-381	397	-0.4668	-0.0012	-0.0786
14	-401	430	-0.4986	-410	422	-0.4992	-0.0006	-0.0774
16	-424	452	-0.5256	-433	445	-0.5268	-0.0012	-0.0768
18	-414	444	-0.5148	-425	437	-0.5172	-0.0024	-0.0756
20	-398	426	-0.4944	-410	422	-0.4992	-0.0048	-0.0732
22	-341	373	-0.4284	-352	366	-0.4308	-0.0024	-0.0684
24	-358	387	-0.4470	-368	379	-0.4482	-0.0012	-0.0660
26	-350	378	-0.4368	-362	373	-0.4410	-0.0042	-0.0648
28	-265	294	-0.3354	-277	290	-0.3402	-0.0048	-0.0606
30	-149	175	-0.1944	-162	171	-0.1998	-0.0054	-0.0558
32	-44	75	-0.0714	-55	69	-0.0744	-0.0030	-0.0504
34	25	4	0.0126	14	-2	0.0096	-0.0030	-0.0474
36	90	-61	0.0906	79	-68	0.0882	-0.0024	-0.0444
38	157	-125	0.1692	147	-135	0.1692	0.0000	-0.0420
40	208	-180	0.2328	196	-185	0.2286	-0.0042	-0.0420
42	299	-269	0.3408	285	-270	0.3330	-0.0078	-0.0378
44	417	-387	0.4824	403	-393	0.4776	-0.0048	-0.0300
46	449	-421	0.5220	442	-429	0.5226	0.0006	-0.0252
48	356	-327	0.4098	347	-333	0.4080	-0.0018	-0.0258
50	654	-624	0.7668	630	-619	0.7494	-0.0174	-0.0240
52	817	-786	0.9618	807	-791	0.9588	-0.0030	-0.0066
54	839	-808	0.9882	829	-816	0.9870	-0.0012	-0.0036
56	855	-826	1.0086	844	-833	1.0062	-0.0024	-0.0024
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS29  
**DESCRIPTION**

**CURRENT SURVEY** 11/11/2009 2:38:59 PM

**INITIAL SURVEY** 5/19/2009 7:45:56 AM

**DATE PRINTED** 1/13/2010 3:52:19 PM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-675	706	-0.8286	40	-29	0.0414	0.8700	0.7962
4	-689	719	-0.8448	-651	664	-0.7890	0.0558	-0.0738
6	-597	625	-0.7332	-613	626	-0.7434	-0.0102	-0.1296
8	-383	414	-0.4782	-384	396	-0.4680	0.0102	-0.1194
10	-351	379	-0.4380	-363	374	-0.4422	-0.0042	-0.1296
12	-373	403	-0.4656	-382	398	-0.4680	-0.0024	-0.1254
14	-401	430	-0.4986	-412	422	-0.5004	-0.0018	-0.1230
16	-424	452	-0.5256	-434	446	-0.5280	-0.0024	-0.1212
18	-414	444	-0.5148	-426	438	-0.5184	-0.0036	-0.1188
20	-398	426	-0.4944	-411	422	-0.4998	-0.0054	-0.1152
22	-341	373	-0.4284	-354	368	-0.4332	-0.0048	-0.1098
24	-358	387	-0.4470	-369	380	-0.4494	-0.0024	-0.1050
26	-350	378	-0.4368	-362	374	-0.4416	-0.0048	-0.1026
28	-265	294	-0.3354	-280	291	-0.3426	-0.0072	-0.0978
30	-149	175	-0.1944	-164	172	-0.2016	-0.0072	-0.0906
32	-44	75	-0.0714	-57	70	-0.0762	-0.0048	-0.0834
34	25	4	0.0126	10	-1	0.0066	-0.0060	-0.0786
36	90	-61	0.0906	77	-66	0.0858	-0.0048	-0.0726
38	157	-125	0.1692	145	-133	0.1668	-0.0024	-0.0678
40	208	-180	0.2328	193	-183	0.2256	-0.0072	-0.0654
42	299	-269	0.3408	283	-269	0.3312	-0.0096	-0.0582
44	417	-387	0.4824	401	-391	0.4752	-0.0072	-0.0486
46	449	-421	0.5220	440	-429	0.5214	-0.0006	-0.0414
48	356	-327	0.4098	346	-331	0.4062	-0.0036	-0.0408
50	654	-624	0.7668	623	-615	0.7428	-0.0240	-0.0372
52	817	-786	0.9618	805	-790	0.9570	-0.0048	-0.0132
54	839	-808	0.9882	827	-815	0.9852	-0.0030	-0.0084
56	855	-826	1.0086	841	-831	1.0032	-0.0054	-0.0054
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS29  
**DESCRIPTION**

**CURRENT SURVEY** 12/9/2009 2:16:22 PM

**INITIAL SURVEY** 5/19/2009 7:45:56 AM

**DATE PRINTED** 1/13/2010 3:52:19 PM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-675	706	-0.8286	44	-29	0.0438	0.8724	0.8262
4	-689	719	-0.8448	-646	663	-0.7854	0.0594	-0.0462
6	-597	625	-0.7332	-611	623	-0.7404	-0.0072	-0.1056
8	-383	414	-0.4782	-382	398	-0.4680	0.0102	-0.0984
10	-351	379	-0.4380	-362	375	-0.4422	-0.0042	-0.1086
12	-373	403	-0.4656	-381	398	-0.4674	-0.0018	-0.1044
14	-401	430	-0.4986	-410	424	-0.5004	-0.0018	-0.1026
16	-424	452	-0.5256	-432	447	-0.5274	-0.0018	-0.1008
18	-414	444	-0.5148	-425	439	-0.5184	-0.0036	-0.0990
20	-398	426	-0.4944	-410	425	-0.5010	-0.0066	-0.0954
22	-341	373	-0.4284	-351	369	-0.4320	-0.0036	-0.0888
24	-358	387	-0.4470	-367	381	-0.4488	-0.0018	-0.0852
26	-350	378	-0.4368	-361	375	-0.4416	-0.0048	-0.0834
28	-265	294	-0.3354	-277	291	-0.3408	-0.0054	-0.0786
30	-149	175	-0.1944	-161	173	-0.2004	-0.0060	-0.0732
32	-44	75	-0.0714	-55	71	-0.0756	-0.0042	-0.0672
34	25	4	0.0126	14	1	0.0078	-0.0048	-0.0630
36	90	-61	0.0906	79	-65	0.0864	-0.0042	-0.0582
38	157	-125	0.1692	147	-132	0.1674	-0.0018	-0.0540
40	208	-180	0.2328	196	-183	0.2274	-0.0054	-0.0522
42	299	-269	0.3408	286	-269	0.3330	-0.0078	-0.0468
44	417	-387	0.4824	403	-391	0.4764	-0.0060	-0.0390
46	449	-421	0.5220	442	-427	0.5214	-0.0006	-0.0330
48	356	-327	0.4098	347	-331	0.4068	-0.0030	-0.0324
50	654	-624	0.7668	628	-617	0.7470	-0.0198	-0.0294
52	817	-786	0.9618	807	-790	0.9582	-0.0036	-0.0096
54	839	-808	0.9882	829	-814	0.9858	-0.0024	-0.0060
56	855	-826	1.0086	845	-830	1.0050	-0.0036	-0.0036
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000



**SITE** JSF  
**INSTALLATION** JS29  
**DESCRIPTION**

**CURRENT SURVEY** 1/12/2010 12:55:24 PM

**INITIAL SURVEY** 5/19/2009 7:45:56 AM

**DATE PRINTED** 1/13/2010 3:52:19 PM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-675	706	-0.8286	32	-28	0.0360	0.8646	0.8664
4	-689	719	-0.8448	-642	640	-0.7692	0.0756	0.0018
6	-597	625	-0.7332	-621	620	-0.7446	-0.0114	-0.0738
8	-383	414	-0.4782	-389	390	-0.4674	0.0108	-0.0624
10	-351	379	-0.4380	-369	367	-0.4416	-0.0036	-0.0732
12	-373	403	-0.4656	-387	390	-0.4662	-0.0006	-0.0696
14	-401	430	-0.4986	-418	417	-0.5010	-0.0024	-0.0690
16	-424	452	-0.5256	-440	440	-0.5280	-0.0024	-0.0666
18	-414	444	-0.5148	-432	433	-0.5190	-0.0042	-0.0642
20	-398	426	-0.4944	-417	417	-0.5004	-0.0060	-0.0600
22	-341	373	-0.4284	-358	360	-0.4308	-0.0024	-0.0540
24	-358	387	-0.4470	-374	373	-0.4482	-0.0012	-0.0516
26	-350	378	-0.4368	-367	367	-0.4404	-0.0036	-0.0504
28	-265	294	-0.3354	-283	284	-0.3402	-0.0048	-0.0468
30	-149	175	-0.1944	-166	166	-0.1992	-0.0048	-0.0420
32	-44	75	-0.0714	-60	62	-0.0732	-0.0018	-0.0372
34	25	4	0.0126	8	-8	0.0096	-0.0030	-0.0354
36	90	-61	0.0906	74	-73	0.0882	-0.0024	-0.0324
38	157	-125	0.1692	140	-141	0.1686	-0.0006	-0.0300
40	208	-180	0.2328	190	-190	0.2280	-0.0048	-0.0294
42	299	-269	0.3408	281	-280	0.3366	-0.0042	-0.0246
44	417	-387	0.4824	400	-399	0.4794	-0.0030	-0.0204
46	449	-421	0.5220	433	-435	0.5208	-0.0012	-0.0174
48	356	-327	0.4098	340	-340	0.4080	-0.0018	-0.0162
50	654	-624	0.7668	632	-631	0.7578	-0.0090	-0.0144
52	817	-786	0.9618	801	-800	0.9606	-0.0012	-0.0054
54	839	-808	0.9882	822	-822	0.9864	-0.0018	-0.0042
56	855	-826	1.0086	837	-840	1.0062	-0.0024	-0.0024
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS29  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 11:41:19 AM

**INITIAL SURVEY** 5/19/2009 7:45:56 AM

**DATE PRINTED** 1/13/2010 3:52:56 PM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-709	747	-0.8736	-623	682	-0.7830	0.0906	0.1506
4	-620	657	-0.7662	-607	668	-0.7650	0.0012	0.0600
6	-545	576	-0.6726	-529	561	-0.6540	0.0186	0.0588
8	-401	432	-0.4998	-372	430	-0.4812	0.0186	0.0402
10	-374	410	-0.4704	-361	423	-0.4704	0.0000	0.0216
12	-366	408	-0.4644	-350	414	-0.4584	0.0060	0.0216
14	-366	405	-0.4626	-352	417	-0.4614	0.0012	0.0156
16	-381	418	-0.4794	-367	423	-0.4740	0.0054	0.0144
18	-358	387	-0.4470	-346	396	-0.4452	0.0018	0.0090
20	-343	379	-0.4332	-330	389	-0.4314	0.0018	0.0072
22	-342	383	-0.4350	-329	391	-0.4320	0.0030	0.0054
24	-359	396	-0.4530	-344	405	-0.4494	0.0036	0.0024
26	-392	426	-0.4908	-375	434	-0.4854	0.0054	-0.0012
28	-339	372	-0.4266	-325	380	-0.4230	0.0036	-0.0066
30	-274	308	-0.3492	-262	317	-0.3474	0.0018	-0.0102
32	-214	251	-0.2790	-199	261	-0.2760	0.0030	-0.0120
34	-209	234	-0.2658	-184	247	-0.2586	0.0072	-0.0150
36	-163	202	-0.2190	-153	212	-0.2190	0.0000	-0.0222
38	-105	137	-0.1452	-94	149	-0.1458	-0.0006	-0.0222
40	-110	146	-0.1536	-97	157	-0.1524	0.0012	-0.0216
42	-143	170	-0.1878	-131	193	-0.1944	-0.0066	-0.0228
44	-188	220	-0.2448	-177	237	-0.2484	-0.0036	-0.0162
46	-271	307	-0.3468	-259	318	-0.3462	0.0006	-0.0126
48	-266	291	-0.3342	-257	294	-0.3306	0.0036	-0.0132
50	-125	159	-0.1704	-115	173	-0.1728	-0.0024	-0.0168
52	-55	94	-0.0894	-50	106	-0.0936	-0.0042	-0.0144
54	-20	58	-0.0468	-14	71	-0.0510	-0.0042	-0.0102
56	-17	50	-0.0402	-15	62	-0.0462	-0.0060	-0.0060
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS29  
**DESCRIPTION**

**CURRENT SURVEY** 11/11/2009 2:38:59 PM

**INITIAL SURVEY** 5/19/2009 7:45:56 AM

**DATE PRINTED** 1/13/2010 3:52:56 PM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-709	747	-0.8736	-627	680	-0.7842	0.0894	0.1350
4	-620	657	-0.7662	-606	674	-0.7680	-0.0018	0.0456
6	-545	576	-0.6726	-529	563	-0.6552	0.0174	0.0474
8	-401	432	-0.4998	-370	434	-0.4824	0.0174	0.0300
10	-374	410	-0.4704	-358	422	-0.4680	0.0024	0.0126
12	-366	408	-0.4644	-349	415	-0.4584	0.0060	0.0102
14	-366	405	-0.4626	-350	419	-0.4614	0.0012	0.0042
16	-381	418	-0.4794	-365	427	-0.4752	0.0042	0.0030
18	-358	387	-0.4470	-344	400	-0.4464	0.0006	-0.0012
20	-343	379	-0.4332	-329	391	-0.4320	0.0012	-0.0018
22	-342	383	-0.4350	-326	393	-0.4314	0.0036	-0.0030
24	-359	396	-0.4530	-344	409	-0.4518	0.0012	-0.0066
26	-392	426	-0.4908	-375	437	-0.4872	0.0036	-0.0078
28	-339	372	-0.4266	-323	380	-0.4218	0.0048	-0.0114
30	-274	308	-0.3492	-259	319	-0.3468	0.0024	-0.0162
32	-214	251	-0.2790	-198	264	-0.2772	0.0018	-0.0186
34	-209	234	-0.2658	-183	250	-0.2598	0.0060	-0.0204
36	-163	202	-0.2190	-151	215	-0.2196	-0.0006	-0.0264
38	-105	137	-0.1452	-95	151	-0.1476	-0.0024	-0.0258
40	-110	146	-0.1536	-97	157	-0.1524	0.0012	-0.0234
42	-143	170	-0.1878	-129	195	-0.1944	-0.0066	-0.0246
44	-188	220	-0.2448	-175	239	-0.2484	-0.0036	-0.0180
46	-271	307	-0.3468	-259	320	-0.3474	-0.0006	-0.0144
48	-266	291	-0.3342	-262	294	-0.3336	0.0006	-0.0138
50	-125	159	-0.1704	-116	174	-0.1740	-0.0036	-0.0144
52	-55	94	-0.0894	-50	107	-0.0942	-0.0048	-0.0108
54	-20	58	-0.0468	-18	73	-0.0546	-0.0078	-0.0060
56	-17	50	-0.0402	-10	54	-0.0384	0.0018	0.0018
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS29  
**DESCRIPTION**

**CURRENT SURVEY** 12/9/2009 2:16:22 PM

**INITIAL SURVEY** 5/19/2009 7:45:56 AM

**DATE PRINTED** 1/13/2010 3:52:56 PM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-709	747	-0.8736	-626	684	-0.7860	0.0876	0.1272
4	-620	657	-0.7662	-603	677	-0.7680	-0.0018	0.0396
6	-545	576	-0.6726	-529	577	-0.6636	0.0090	0.0414
8	-401	432	-0.4998	-369	437	-0.4836	0.0162	0.0324
10	-374	410	-0.4704	-357	427	-0.4704	0.0000	0.0162
12	-366	408	-0.4644	-347	421	-0.4608	0.0036	0.0162
14	-366	405	-0.4626	-349	420	-0.4614	0.0012	0.0126
16	-381	418	-0.4794	-364	430	-0.4764	0.0030	0.0114
18	-358	387	-0.4470	-342	403	-0.4470	0.0000	0.0084
20	-343	379	-0.4332	-326	395	-0.4326	0.0006	0.0084
22	-342	383	-0.4350	-325	397	-0.4332	0.0018	0.0078
24	-359	396	-0.4530	-339	409	-0.4488	0.0042	0.0060
26	-392	426	-0.4908	-370	441	-0.4866	0.0042	0.0018
28	-339	372	-0.4266	-321	385	-0.4236	0.0030	-0.0024
30	-274	308	-0.3492	-256	323	-0.3474	0.0018	-0.0054
32	-214	251	-0.2790	-195	268	-0.2778	0.0012	-0.0072
34	-209	234	-0.2658	-180	252	-0.2592	0.0066	-0.0084
36	-163	202	-0.2190	-149	218	-0.2202	-0.0012	-0.0150
38	-105	137	-0.1452	-89	153	-0.1452	0.0000	-0.0138
40	-110	146	-0.1536	-94	162	-0.1536	0.0000	-0.0138
42	-143	170	-0.1878	-123	197	-0.1920	-0.0042	-0.0138
44	-188	220	-0.2448	-171	241	-0.2472	-0.0024	-0.0096
46	-271	307	-0.3468	-254	320	-0.3444	0.0024	-0.0072
48	-266	291	-0.3342	-253	301	-0.3324	0.0018	-0.0096
50	-125	159	-0.1704	-113	177	-0.1740	-0.0036	-0.0114
52	-55	94	-0.0894	-49	110	-0.0954	-0.0060	-0.0078
54	-20	58	-0.0468	-9	77	-0.0516	-0.0048	-0.0018
56	-17	50	-0.0402	-3	59	-0.0372	0.0030	0.0030
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS29  
**DESCRIPTION**

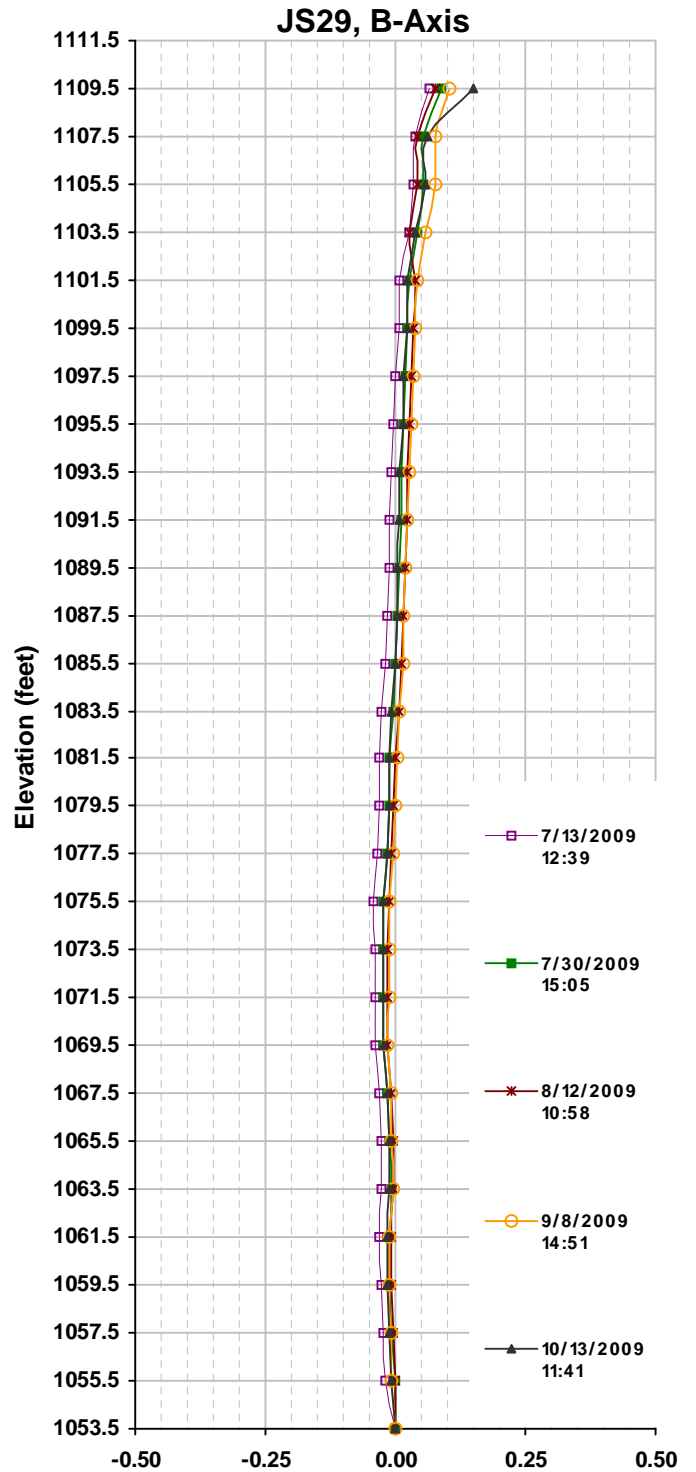
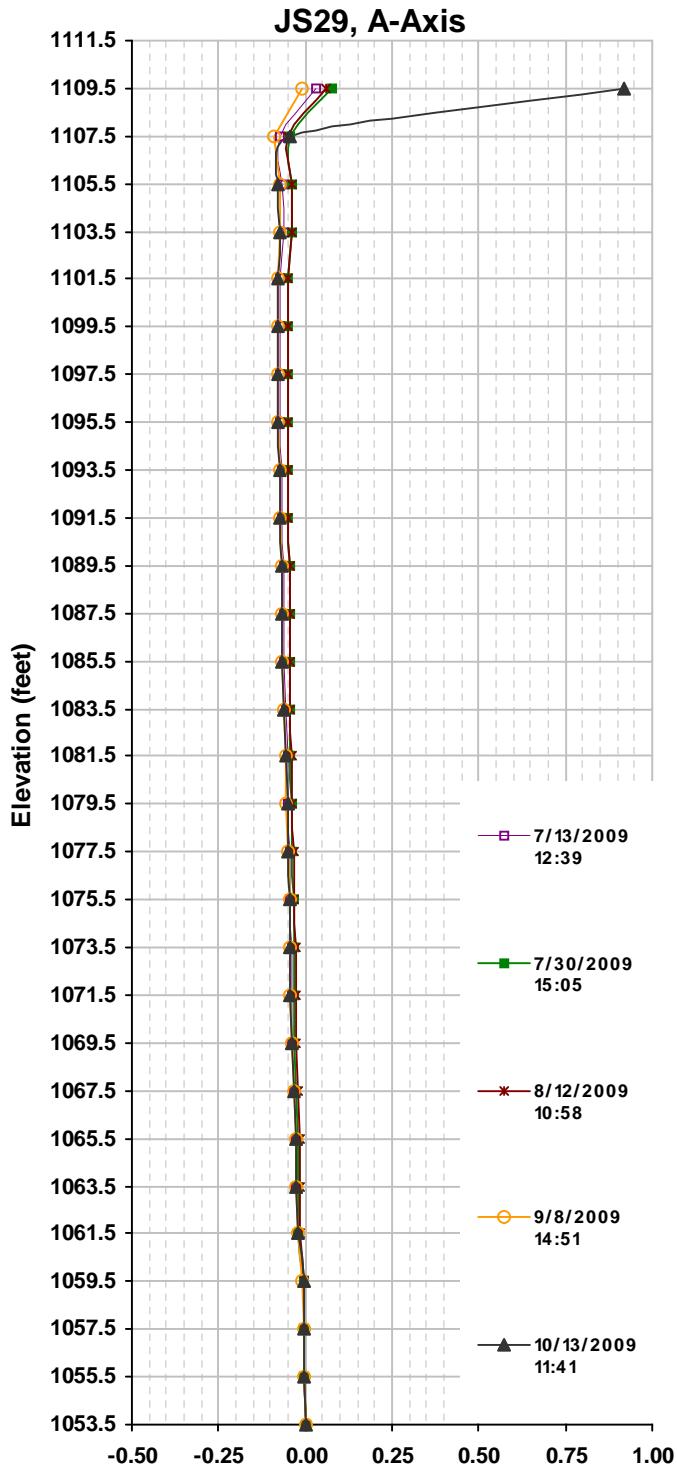
**CURRENT SURVEY** 1/12/2010 12:55:24 PM

**INITIAL SURVEY** 5/19/2009 7:45:56 AM

**DATE PRINTED** 1/13/2010 3:52:56 PM

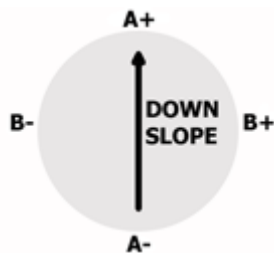
Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-709	747	-0.8736	-657	646	-0.7818	0.0918	0.0660
4	-620	657	-0.7662	-648	624	-0.7632	0.0030	-0.0258
6	-545	576	-0.6726	-555	548	-0.6618	0.0108	-0.0288
8	-401	432	-0.4998	-426	388	-0.4884	0.0114	-0.0396
10	-374	410	-0.4704	-411	376	-0.4722	-0.0018	-0.0510
12	-366	408	-0.4644	-406	372	-0.4668	-0.0024	-0.0492
14	-366	405	-0.4626	-407	378	-0.4710	-0.0084	-0.0468
16	-381	418	-0.4794	-410	383	-0.4758	0.0036	-0.0384
18	-358	387	-0.4470	-389	358	-0.4482	-0.0012	-0.0420
20	-343	379	-0.4332	-377	348	-0.4350	-0.0018	-0.0408
22	-342	383	-0.4350	-383	354	-0.4422	-0.0072	-0.0390
24	-359	396	-0.4530	-397	372	-0.4614	-0.0084	-0.0318
26	-392	426	-0.4908	-415	387	-0.4812	0.0096	-0.0234
28	-339	372	-0.4266	-356	337	-0.4158	0.0108	-0.0330
30	-274	308	-0.3492	-294	272	-0.3396	0.0096	-0.0438
32	-214	251	-0.2790	-249	214	-0.2778	0.0012	-0.0534
34	-209	234	-0.2658	-225	196	-0.2526	0.0132	-0.0546
36	-163	202	-0.2190	-191	166	-0.2142	0.0048	-0.0678
38	-105	137	-0.1452	-142	111	-0.1518	-0.0066	-0.0726
40	-110	146	-0.1536	-148	127	-0.1650	-0.0114	-0.0660
42	-143	170	-0.1878	-184	162	-0.2076	-0.0198	-0.0546
44	-188	220	-0.2448	-229	209	-0.2628	-0.0180	-0.0348
46	-271	307	-0.3468	-309	286	-0.3570	-0.0102	-0.0168
48	-266	291	-0.3342	-273	270	-0.3258	0.0084	-0.0066
50	-125	159	-0.1704	-150	129	-0.1674	0.0030	-0.0150
52	-55	94	-0.0894	-93	64	-0.0942	-0.0048	-0.0180
54	-20	58	-0.0468	-63	32	-0.0570	-0.0102	-0.0132
56	-17	50	-0.0402	-42	30	-0.0432	-0.0030	-0.0030
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000



Cumulative Displacement (in) from 5/19/2009

Cumulative Displacement (in) from 5/19/2009



**John Sevier Fossil Plant**

**Rogersville, TN**

**175569038**

**10/15/2009**

**SITE** JSF  
**INSTALLATION** JS29  
**DESCRIPTION**

**CURRENT SURVEY** 7/13/2009 12:39:26 PM

**INITIAL SURVEY** 5/19/2009 7:45:56 AM

**DATE PRINTED** 10/15/2009 10:22:36 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-675	706	-0.8286	-599	609	-0.7248	0.1038	0.0282
4	-689	719	-0.8448	-706	719	-0.8550	-0.0102	-0.0756
6	-597	625	-0.7332	-607	617	-0.7344	-0.0012	-0.0654
8	-383	414	-0.4782	-384	395	-0.4674	0.0108	-0.0642
10	-351	379	-0.4380	-361	373	-0.4404	-0.0024	-0.0750
12	-373	403	-0.4656	-382	396	-0.4668	-0.0012	-0.0726
14	-401	430	-0.4986	-410	422	-0.4992	-0.0006	-0.0714
16	-424	452	-0.5256	-433	445	-0.5268	-0.0012	-0.0708
18	-414	444	-0.5148	-426	436	-0.5172	-0.0024	-0.0696
20	-398	426	-0.4944	-410	420	-0.4980	-0.0036	-0.0672
22	-341	373	-0.4284	-353	366	-0.4314	-0.0030	-0.0636
24	-358	387	-0.4470	-368	379	-0.4482	-0.0012	-0.0606
26	-350	378	-0.4368	-362	371	-0.4398	-0.0030	-0.0594
28	-265	294	-0.3354	-277	288	-0.3390	-0.0036	-0.0564
30	-149	175	-0.1944	-162	169	-0.1986	-0.0042	-0.0528
32	-44	75	-0.0714	-55	67	-0.0732	-0.0018	-0.0486
34	25	4	0.0126	13	-2	0.0090	-0.0036	-0.0468
36	90	-61	0.0906	79	-68	0.0882	-0.0024	-0.0432
38	157	-125	0.1692	146	-134	0.1680	-0.0012	-0.0408
40	208	-180	0.2328	196	-186	0.2292	-0.0036	-0.0396
42	299	-269	0.3408	285	-273	0.3348	-0.0060	-0.0360
44	417	-387	0.4824	403	-393	0.4776	-0.0048	-0.0300
46	449	-421	0.5220	440	-429	0.5214	-0.0006	-0.0252
48	356	-327	0.4098	346	-333	0.4074	-0.0024	-0.0246
50	654	-624	0.7668	630	-621	0.7506	-0.0162	-0.0222
52	817	-786	0.9618	806	-792	0.9588	-0.0030	-0.0060
54	839	-808	0.9882	829	-815	0.9864	-0.0018	-0.0030
56	855	-826	1.0086	845	-834	1.0074	-0.0012	-0.0012
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS29  
**DESCRIPTION**

**CURRENT SURVEY** 7/30/2009 3:05:30 PM

**INITIAL SURVEY** 5/19/2009 7:45:56 AM

**DATE PRINTED** 10/15/2009 10:22:36 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-675	706	-0.8286	-587	592	-0.7074	0.1212	0.0756
4	-689	719	-0.8448	-709	715	-0.8544	-0.0096	-0.0456
6	-597	625	-0.7332	-609	612	-0.7326	0.0006	-0.0360
8	-383	414	-0.4782	-386	390	-0.4656	0.0126	-0.0366
10	-351	379	-0.4380	-364	366	-0.4380	0.0000	-0.0492
12	-373	403	-0.4656	-385	391	-0.4656	0.0000	-0.0492
14	-401	430	-0.4986	-414	417	-0.4986	0.0000	-0.0492
16	-424	452	-0.5256	-437	439	-0.5256	0.0000	-0.0492
18	-414	444	-0.5148	-429	431	-0.5160	-0.0012	-0.0492
20	-398	426	-0.4944	-413	414	-0.4962	-0.0018	-0.0480
22	-341	373	-0.4284	-355	361	-0.4296	-0.0012	-0.0462
24	-358	387	-0.4470	-371	374	-0.4470	0.0000	-0.0450
26	-350	378	-0.4368	-365	366	-0.4386	-0.0018	-0.0450
28	-265	294	-0.3354	-279	283	-0.3372	-0.0018	-0.0432
30	-149	175	-0.1944	-164	165	-0.1974	-0.0030	-0.0414
32	-44	75	-0.0714	-58	63	-0.0726	-0.0012	-0.0384
34	25	4	0.0126	10	-7	0.0102	-0.0024	-0.0372
36	90	-61	0.0906	76	-73	0.0894	-0.0012	-0.0348
38	157	-125	0.1692	143	-139	0.1692	0.0000	-0.0336
40	208	-180	0.2328	193	-190	0.2298	-0.0030	-0.0336
42	299	-269	0.3408	282	-278	0.3360	-0.0048	-0.0306
44	417	-387	0.4824	400	-398	0.4788	-0.0036	-0.0258
46	449	-421	0.5220	436	-433	0.5214	-0.0006	-0.0222
48	356	-327	0.4098	342	-337	0.4074	-0.0024	-0.0216
50	654	-624	0.7668	629	-626	0.7530	-0.0138	-0.0192
52	817	-786	0.9618	803	-797	0.9600	-0.0018	-0.0054
54	839	-808	0.9882	825	-820	0.9870	-0.0012	-0.0036
56	855	-826	1.0086	840	-837	1.0062	-0.0024	-0.0024
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000



**SITE** JSF  
**INSTALLATION** JS29  
**DESCRIPTION**

**CURRENT SURVEY** 8/12/2009 10:58:43 AM

**INITIAL SURVEY** 5/19/2009 7:45:56 AM

**DATE PRINTED** 10/15/2009 10:22:36 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-675	706	-0.8286	-591	601	-0.7152	0.1134	0.0606
4	-689	719	-0.8448	-710	719	-0.8574	-0.0126	-0.0528
6	-597	625	-0.7332	-608	613	-0.7326	0.0006	-0.0402
8	-383	414	-0.4782	-386	391	-0.4662	0.0120	-0.0408
10	-351	379	-0.4380	-364	369	-0.4398	-0.0018	-0.0528
12	-373	403	-0.4656	-383	393	-0.4656	0.0000	-0.0510
14	-401	430	-0.4986	-413	418	-0.4986	0.0000	-0.0510
16	-424	452	-0.5256	-437	441	-0.5268	-0.0012	-0.0510
18	-414	444	-0.5148	-428	431	-0.5154	-0.0006	-0.0498
20	-398	426	-0.4944	-412	416	-0.4968	-0.0024	-0.0492
22	-341	373	-0.4284	-355	362	-0.4302	-0.0018	-0.0468
24	-358	387	-0.4470	-371	375	-0.4476	-0.0006	-0.0450
26	-350	378	-0.4368	-365	367	-0.4392	-0.0024	-0.0444
28	-265	294	-0.3354	-279	285	-0.3384	-0.0030	-0.0420
30	-149	175	-0.1944	-163	165	-0.1968	-0.0024	-0.0390
32	-44	75	-0.0714	-58	65	-0.0738	-0.0024	-0.0366
34	25	4	0.0126	10	-6	0.0096	-0.0030	-0.0342
36	90	-61	0.0906	77	-71	0.0888	-0.0018	-0.0312
38	157	-125	0.1692	144	-138	0.1692	0.0000	-0.0294
40	208	-180	0.2328	194	-189	0.2298	-0.0030	-0.0294
42	299	-269	0.3408	283	-277	0.3360	-0.0048	-0.0264
44	417	-387	0.4824	401	-397	0.4788	-0.0036	-0.0216
46	449	-421	0.5220	438	-432	0.5220	0.0000	-0.0180
48	356	-327	0.4098	343	-337	0.4080	-0.0018	-0.0180
50	654	-624	0.7668	631	-627	0.7548	-0.0120	-0.0162
52	817	-786	0.9618	804	-796	0.9600	-0.0018	-0.0042
54	839	-808	0.9882	826	-819	0.9870	-0.0012	-0.0024
56	855	-826	1.0086	842	-837	1.0074	-0.0012	-0.0012
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS29  
**DESCRIPTION**

**CURRENT SURVEY** 9/8/2009 2:51:19 PM

**INITIAL SURVEY** 5/19/2009 7:45:56 AM

**DATE PRINTED** 10/15/2009 10:22:36 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-675	706	-0.8286	-619	631	-0.7500	0.0786	-0.0108
4	-689	719	-0.8448	-710	723	-0.8598	-0.0150	-0.0894
6	-597	625	-0.7332	-609	619	-0.7368	-0.0036	-0.0744
8	-383	414	-0.4782	-385	395	-0.4680	0.0102	-0.0708
10	-351	379	-0.4380	-363	371	-0.4404	-0.0024	-0.0810
12	-373	403	-0.4656	-383	395	-0.4668	-0.0012	-0.0786
14	-401	430	-0.4986	-412	421	-0.4998	-0.0012	-0.0774
16	-424	452	-0.5256	-435	443	-0.5268	-0.0012	-0.0762
18	-414	444	-0.5148	-427	435	-0.5172	-0.0024	-0.0750
20	-398	426	-0.4944	-411	419	-0.4980	-0.0036	-0.0726
22	-341	373	-0.4284	-353	365	-0.4308	-0.0024	-0.0690
24	-358	387	-0.4470	-370	378	-0.4488	-0.0018	-0.0666
26	-350	378	-0.4368	-363	371	-0.4404	-0.0036	-0.0648
28	-265	294	-0.3354	-278	287	-0.3390	-0.0036	-0.0612
30	-149	175	-0.1944	-163	168	-0.1986	-0.0042	-0.0576
32	-44	75	-0.0714	-57	67	-0.0744	-0.0030	-0.0534
34	25	4	0.0126	12	-3	0.0090	-0.0036	-0.0504
36	90	-61	0.0906	77	-69	0.0876	-0.0030	-0.0468
38	157	-125	0.1692	145	-137	0.1692	0.0000	-0.0438
40	208	-180	0.2328	194	-186	0.2280	-0.0048	-0.0438
42	299	-269	0.3408	284	-274	0.3348	-0.0060	-0.0390
44	417	-387	0.4824	402	-394	0.4776	-0.0048	-0.0330
46	449	-421	0.5220	438	-429	0.5202	-0.0018	-0.0282
48	356	-327	0.4098	343	-334	0.4062	-0.0036	-0.0264
50	654	-624	0.7668	631	-624	0.7530	-0.0138	-0.0228
52	817	-786	0.9618	804	-794	0.9588	-0.0030	-0.0090
54	839	-808	0.9882	826	-817	0.9858	-0.0024	-0.0060
56	855	-826	1.0086	841	-834	1.0050	-0.0036	-0.0036
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS29  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 11:41:19 AM

**INITIAL SURVEY** 5/19/2009 7:45:56 AM

**DATE PRINTED** 10/15/2009 10:22:36 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-675	706	-0.8286	118	-100	0.1308	0.9594	0.9180
4	-689	719	-0.8448	-667	680	-0.8082	0.0366	-0.0414
6	-597	625	-0.7332	-610	623	-0.7398	-0.0066	-0.0780
8	-383	414	-0.4782	-383	397	-0.4680	0.0102	-0.0714
10	-351	379	-0.4380	-362	373	-0.4410	-0.0030	-0.0816
12	-373	403	-0.4656	-381	397	-0.4668	-0.0012	-0.0786
14	-401	430	-0.4986	-410	422	-0.4992	-0.0006	-0.0774
16	-424	452	-0.5256	-433	445	-0.5268	-0.0012	-0.0768
18	-414	444	-0.5148	-425	437	-0.5172	-0.0024	-0.0756
20	-398	426	-0.4944	-410	422	-0.4992	-0.0048	-0.0732
22	-341	373	-0.4284	-352	366	-0.4308	-0.0024	-0.0684
24	-358	387	-0.4470	-368	379	-0.4482	-0.0012	-0.0660
26	-350	378	-0.4368	-362	373	-0.4410	-0.0042	-0.0648
28	-265	294	-0.3354	-277	290	-0.3402	-0.0048	-0.0606
30	-149	175	-0.1944	-162	171	-0.1998	-0.0054	-0.0558
32	-44	75	-0.0714	-55	69	-0.0744	-0.0030	-0.0504
34	25	4	0.0126	14	-2	0.0096	-0.0030	-0.0474
36	90	-61	0.0906	79	-68	0.0882	-0.0024	-0.0444
38	157	-125	0.1692	147	-135	0.1692	0.0000	-0.0420
40	208	-180	0.2328	196	-185	0.2286	-0.0042	-0.0420
42	299	-269	0.3408	285	-270	0.3330	-0.0078	-0.0378
44	417	-387	0.4824	403	-393	0.4776	-0.0048	-0.0300
46	449	-421	0.5220	442	-429	0.5226	0.0006	-0.0252
48	356	-327	0.4098	347	-333	0.4080	-0.0018	-0.0258
50	654	-624	0.7668	630	-619	0.7494	-0.0174	-0.0240
52	817	-786	0.9618	807	-791	0.9588	-0.0030	-0.0066
54	839	-808	0.9882	829	-816	0.9870	-0.0012	-0.0036
56	855	-826	1.0086	844	-833	1.0062	-0.0024	-0.0024
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS29  
**DESCRIPTION**

**CURRENT SURVEY** 7/13/2009 12:39:26 PM

**INITIAL SURVEY** 5/19/2009 7:45:56 AM

**DATE PRINTED** 10/15/2009 10:22:43 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-709	747	-0.8736	-674	735	-0.8454	0.0282	0.0666
4	-620	657	-0.7662	-606	666	-0.7632	0.0030	0.0384
6	-545	576	-0.6726	-537	567	-0.6624	0.0102	0.0354
8	-401	432	-0.4998	-374	433	-0.4842	0.0156	0.0252
10	-374	410	-0.4704	-361	419	-0.4680	0.0024	0.0096
12	-366	408	-0.4644	-350	413	-0.4578	0.0066	0.0072
14	-366	405	-0.4626	-351	414	-0.4590	0.0036	0.0006
16	-381	418	-0.4794	-367	421	-0.4728	0.0066	-0.0030
18	-358	387	-0.4470	-347	396	-0.4458	0.0012	-0.0096
20	-343	379	-0.4332	-331	388	-0.4314	0.0018	-0.0108
22	-342	383	-0.4350	-329	390	-0.4314	0.0036	-0.0126
24	-359	396	-0.4530	-344	405	-0.4494	0.0036	-0.0162
26	-392	426	-0.4908	-375	434	-0.4854	0.0054	-0.0198
28	-339	372	-0.4266	-326	378	-0.4224	0.0042	-0.0252
30	-274	308	-0.3492	-263	317	-0.3480	0.0012	-0.0294
32	-214	251	-0.2790	-200	260	-0.2760	0.0030	-0.0306
34	-209	234	-0.2658	-186	245	-0.2586	0.0072	-0.0336
36	-163	202	-0.2190	-154	212	-0.2196	-0.0006	-0.0408
38	-105	137	-0.1452	-95	147	-0.1452	0.0000	-0.0402
40	-110	146	-0.1536	-100	157	-0.1542	-0.0006	-0.0402
42	-143	170	-0.1878	-132	193	-0.1950	-0.0072	-0.0396
44	-188	220	-0.2448	-178	236	-0.2484	-0.0036	-0.0324
46	-271	307	-0.3468	-262	318	-0.3480	-0.0012	-0.0288
48	-266	291	-0.3342	-259	293	-0.3312	0.0030	-0.0276
50	-125	159	-0.1704	-119	171	-0.1740	-0.0036	-0.0306
52	-55	94	-0.0894	-52	103	-0.0930	-0.0036	-0.0270
54	-20	58	-0.0468	-15	70	-0.0510	-0.0042	-0.0234
56	-17	50	-0.0402	-47	52	-0.0594	-0.0192	-0.0192
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS29  
**DESCRIPTION**

**CURRENT SURVEY** 7/30/2009 3:05:30 PM

**INITIAL SURVEY** 5/19/2009 7:45:56 AM

**DATE PRINTED** 10/15/2009 10:22:43 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-709	747	-0.8736	-671	729	-0.8400	0.0336	0.0876
4	-620	657	-0.7662	-609	669	-0.7668	-0.0006	0.0540
6	-545	576	-0.6726	-529	570	-0.6594	0.0132	0.0546
8	-401	432	-0.4998	-374	432	-0.4836	0.0162	0.0414
10	-374	410	-0.4704	-361	421	-0.4692	0.0012	0.0252
12	-366	408	-0.4644	-351	415	-0.4596	0.0048	0.0240
14	-366	405	-0.4626	-352	415	-0.4602	0.0024	0.0192
16	-381	418	-0.4794	-366	425	-0.4746	0.0048	0.0168
18	-358	387	-0.4470	-346	397	-0.4458	0.0012	0.0120
20	-343	379	-0.4332	-329	386	-0.4290	0.0042	0.0108
22	-342	383	-0.4350	-329	391	-0.4320	0.0030	0.0066
24	-359	396	-0.4530	-346	403	-0.4494	0.0036	0.0036
26	-392	426	-0.4908	-375	434	-0.4854	0.0054	0.0000
28	-339	372	-0.4266	-325	378	-0.4218	0.0048	-0.0054
30	-274	308	-0.3492	-261	316	-0.3462	0.0030	-0.0102
32	-214	251	-0.2790	-198	261	-0.2754	0.0036	-0.0132
34	-209	234	-0.2658	-186	246	-0.2592	0.0066	-0.0168
36	-163	202	-0.2190	-154	212	-0.2196	-0.0006	-0.0234
38	-105	137	-0.1452	-95	148	-0.1458	-0.0006	-0.0228
40	-110	146	-0.1536	-99	158	-0.1542	-0.0006	-0.0222
42	-143	170	-0.1878	-131	193	-0.1944	-0.0066	-0.0216
44	-188	220	-0.2448	-179	235	-0.2484	-0.0036	-0.0150
46	-271	307	-0.3468	-262	319	-0.3486	-0.0018	-0.0114
48	-266	291	-0.3342	-259	293	-0.3312	0.0030	-0.0096
50	-125	159	-0.1704	-117	171	-0.1728	-0.0024	-0.0126
52	-55	94	-0.0894	-51	105	-0.0936	-0.0042	-0.0102
54	-20	58	-0.0468	-15	71	-0.0516	-0.0048	-0.0060
56	-17	50	-0.0402	-15	54	-0.0414	-0.0012	-0.0012
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS29  
**DESCRIPTION**

**CURRENT SURVEY** 8/12/2009 10:58:43 AM

**INITIAL SURVEY** 5/19/2009 7:45:56 AM

**DATE PRINTED** 10/15/2009 10:22:43 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-709	747	-0.8736	-670	727	-0.8382	0.0354	0.0780
4	-620	657	-0.7662	-609	667	-0.7656	0.0006	0.0426
6	-545	576	-0.6726	-529	569	-0.6588	0.0138	0.0420
8	-401	432	-0.4998	-417	431	-0.5088	-0.0090	0.0282
10	-374	410	-0.4704	-359	421	-0.4680	0.0024	0.0372
12	-366	408	-0.4644	-349	416	-0.4590	0.0054	0.0348
14	-366	405	-0.4626	-351	417	-0.4608	0.0018	0.0294
16	-381	418	-0.4794	-366	426	-0.4752	0.0042	0.0276
18	-358	387	-0.4470	-345	397	-0.4452	0.0018	0.0234
20	-343	379	-0.4332	-329	388	-0.4302	0.0030	0.0216
22	-342	383	-0.4350	-327	391	-0.4308	0.0042	0.0186
24	-359	396	-0.4530	-343	406	-0.4494	0.0036	0.0144
26	-392	426	-0.4908	-374	436	-0.4860	0.0048	0.0108
28	-339	372	-0.4266	-323	378	-0.4206	0.0060	0.0060
30	-274	308	-0.3492	-260	316	-0.3456	0.0036	0.0000
32	-214	251	-0.2790	-198	262	-0.2760	0.0030	-0.0036
34	-209	234	-0.2658	-185	247	-0.2592	0.0066	-0.0066
36	-163	202	-0.2190	-151	212	-0.2178	0.0012	-0.0132
38	-105	137	-0.1452	-94	147	-0.1446	0.0006	-0.0144
40	-110	146	-0.1536	-97	158	-0.1530	0.0006	-0.0150
42	-143	170	-0.1878	-130	194	-0.1944	-0.0066	-0.0156
44	-188	220	-0.2448	-178	237	-0.2490	-0.0042	-0.0090
46	-271	307	-0.3468	-260	320	-0.3480	-0.0012	-0.0048
48	-266	291	-0.3342	-256	293	-0.3294	0.0048	-0.0036
50	-125	159	-0.1704	-114	171	-0.1710	-0.0006	-0.0084
52	-55	94	-0.0894	-48	106	-0.0924	-0.0030	-0.0078
54	-20	58	-0.0468	-13	72	-0.0510	-0.0042	-0.0048
56	-17	50	-0.0402	-13	55	-0.0408	-0.0006	-0.0006
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS29  
**DESCRIPTION**

**CURRENT SURVEY** 9/8/2009 2:51:19 PM

**INITIAL SURVEY** 5/19/2009 7:45:56 AM

**DATE PRINTED** 10/15/2009 10:22:44 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-709	747	-0.8736	-677	734	-0.8466	0.0270	0.1020
4	-620	657	-0.7662	-608	669	-0.7662	0.0000	0.0750
6	-545	576	-0.6726	-528	566	-0.6564	0.0162	0.0750
8	-401	432	-0.4998	-371	433	-0.4824	0.0174	0.0588
10	-374	410	-0.4704	-359	422	-0.4686	0.0018	0.0414
12	-366	408	-0.4644	-350	415	-0.4590	0.0054	0.0396
14	-366	405	-0.4626	-350	417	-0.4602	0.0024	0.0342
16	-381	418	-0.4794	-365	425	-0.4740	0.0054	0.0318
18	-358	387	-0.4470	-343	397	-0.4440	0.0030	0.0264
20	-343	379	-0.4332	-329	389	-0.4308	0.0024	0.0234
22	-342	383	-0.4350	-327	391	-0.4308	0.0042	0.0210
24	-359	396	-0.4530	-345	406	-0.4506	0.0024	0.0168
26	-392	426	-0.4908	-373	437	-0.4860	0.0048	0.0144
28	-339	372	-0.4266	-322	378	-0.4200	0.0066	0.0096
30	-274	308	-0.3492	-258	317	-0.3450	0.0042	0.0030
32	-214	251	-0.2790	-197	262	-0.2754	0.0036	-0.0012
34	-209	234	-0.2658	-184	247	-0.2586	0.0072	-0.0048
36	-163	202	-0.2190	-150	213	-0.2178	0.0012	-0.0120
38	-105	137	-0.1452	-93	149	-0.1452	0.0000	-0.0132
40	-110	146	-0.1536	-96	158	-0.1524	0.0012	-0.0132
42	-143	170	-0.1878	-127	194	-0.1926	-0.0048	-0.0144
44	-188	220	-0.2448	-176	237	-0.2478	-0.0030	-0.0096
46	-271	307	-0.3468	-259	321	-0.3480	-0.0012	-0.0066
48	-266	291	-0.3342	-256	292	-0.3288	0.0054	-0.0054
50	-125	159	-0.1704	-114	171	-0.1710	-0.0006	-0.0108
52	-55	94	-0.0894	-46	104	-0.0900	-0.0006	-0.0102
54	-20	58	-0.0468	-12	70	-0.0492	-0.0024	-0.0096
56	-17	50	-0.0402	-23	56	-0.0474	-0.0072	-0.0072
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS29  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 11:41:19 AM

**INITIAL SURVEY** 5/19/2009 7:45:56 AM

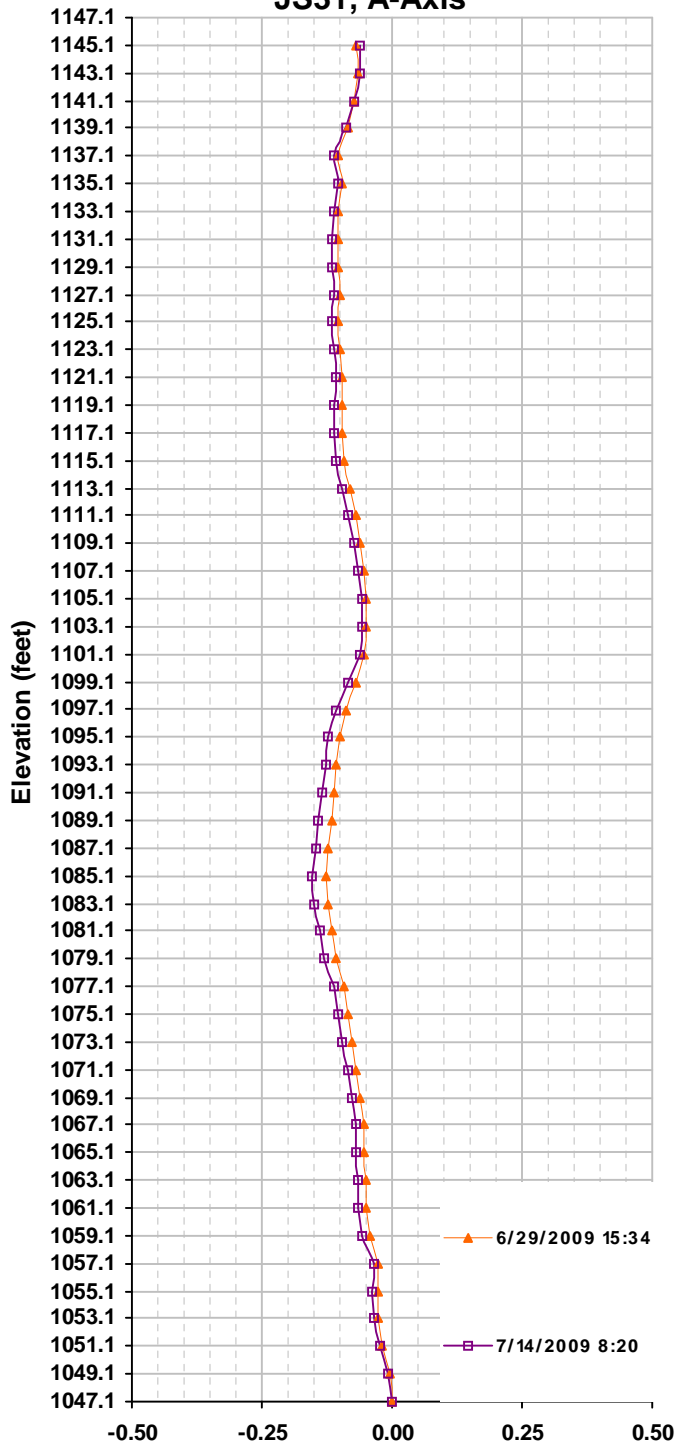
**DATE PRINTED** 10/15/2009 10:22:44 AM

Data Reduction for B Axis:

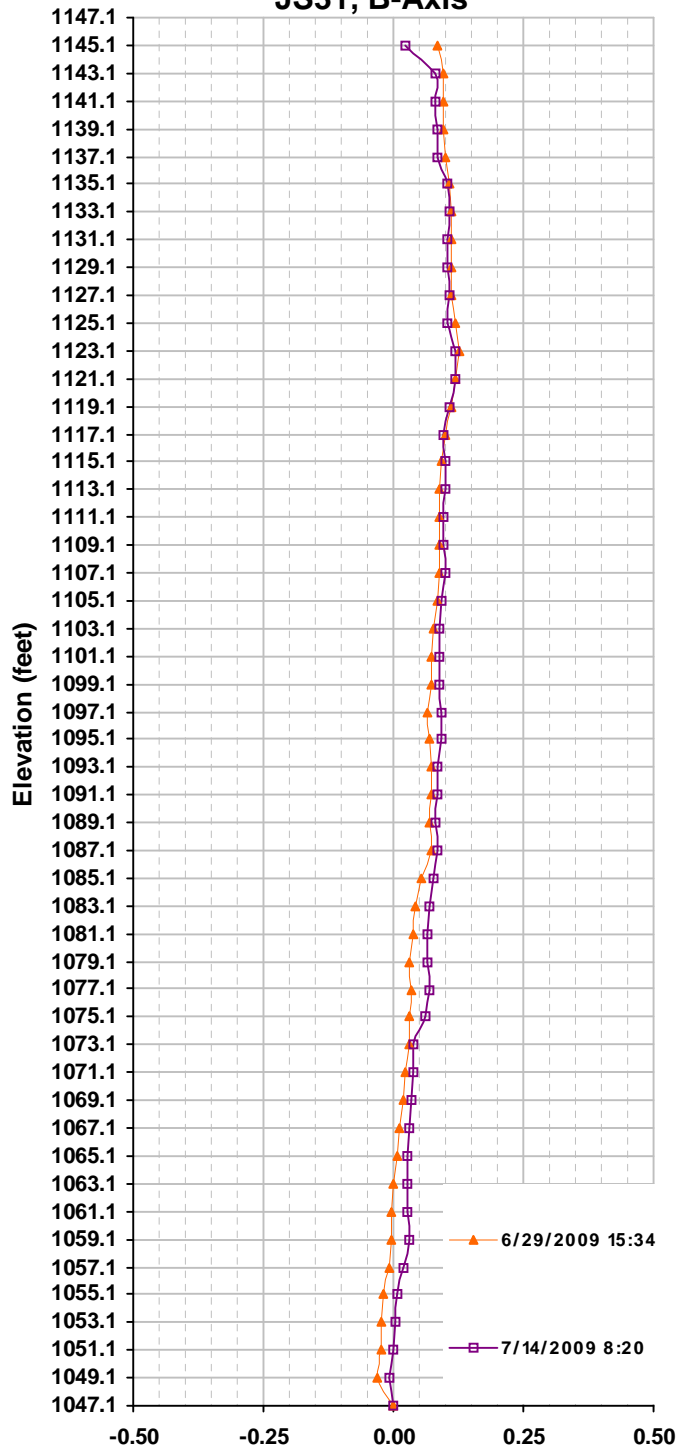
Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-709	747	-0.8736	-623	682	-0.7830	0.0906	0.1506
4	-620	657	-0.7662	-607	668	-0.7650	0.0012	0.0600
6	-545	576	-0.6726	-529	561	-0.6540	0.0186	0.0588
8	-401	432	-0.4998	-372	430	-0.4812	0.0186	0.0402
10	-374	410	-0.4704	-361	423	-0.4704	0.0000	0.0216
12	-366	408	-0.4644	-350	414	-0.4584	0.0060	0.0216
14	-366	405	-0.4626	-352	417	-0.4614	0.0012	0.0156
16	-381	418	-0.4794	-367	423	-0.4740	0.0054	0.0144
18	-358	387	-0.4470	-346	396	-0.4452	0.0018	0.0090
20	-343	379	-0.4332	-330	389	-0.4314	0.0018	0.0072
22	-342	383	-0.4350	-329	391	-0.4320	0.0030	0.0054
24	-359	396	-0.4530	-344	405	-0.4494	0.0036	0.0024
26	-392	426	-0.4908	-375	434	-0.4854	0.0054	-0.0012
28	-339	372	-0.4266	-325	380	-0.4230	0.0036	-0.0066
30	-274	308	-0.3492	-262	317	-0.3474	0.0018	-0.0102
32	-214	251	-0.2790	-199	261	-0.2760	0.0030	-0.0120
34	-209	234	-0.2658	-184	247	-0.2586	0.0072	-0.0150
36	-163	202	-0.2190	-153	212	-0.2190	0.0000	-0.0222
38	-105	137	-0.1452	-94	149	-0.1458	-0.0006	-0.0222
40	-110	146	-0.1536	-97	157	-0.1524	0.0012	-0.0216
42	-143	170	-0.1878	-131	193	-0.1944	-0.0066	-0.0228
44	-188	220	-0.2448	-177	237	-0.2484	-0.0036	-0.0162
46	-271	307	-0.3468	-259	318	-0.3462	0.0006	-0.0126
48	-266	291	-0.3342	-257	294	-0.3306	0.0036	-0.0132
50	-125	159	-0.1704	-115	173	-0.1728	-0.0024	-0.0168
52	-55	94	-0.0894	-50	106	-0.0936	-0.0042	-0.0144
54	-20	58	-0.0468	-14	71	-0.0510	-0.0042	-0.0102
56	-17	50	-0.0402	-15	62	-0.0462	-0.0060	-0.0060
58	0	0	0.0000	0	0	0.0000	0.0000	0.0000



### JS31, A-Axis

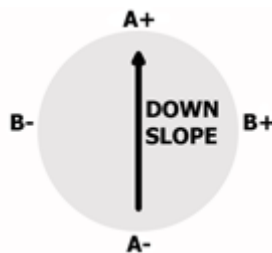


### JS31, B-Axis



Cumulative Displacement (in) from 6/16/2009

Cumulative Displacement (in) from 6/16/2009



John Sevier Fossil Plant

Rogersville, TN

175569038

7/16/2009

**SITE** JSF  
**INSTALLATION** JS31  
**DESCRIPTION**

**CURRENT SURVEY** 6/29/2009 3:34:42 PM

**INITIAL SURVEY** 6/16/2009 5:53:00 PM

**DATE PRINTED** 7/15/2009 10:17:32 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
6	434	-446	0.5280	450	-427	0.5262	-0.0018	-0.0684
8	496	-514	0.6060	514	-510	0.6144	0.0084	-0.0666
10	465	-482	0.5682	486	-478	0.5784	0.0102	-0.0750
12	434	-448	0.5292	460	-451	0.5466	0.0174	-0.0852
14	288	-306	0.3564	296	-290	0.3516	-0.0048	-0.1026
16	99	-115	0.1284	116	-109	0.1350	0.0066	-0.0978
18	-35	16	-0.0306	-22	27	-0.0294	0.0012	-0.1044
20	-78	62	-0.0840	-69	74	-0.0858	-0.0018	-0.1056
22	-171	155	-0.1956	-163	170	-0.1998	-0.0042	-0.1038
24	-197	177	-0.2244	-184	186	-0.2220	0.0024	-0.0996
26	-350	336	-0.4116	-339	349	-0.4128	-0.0012	-0.1020
28	-333	312	-0.3870	-324	330	-0.3924	-0.0054	-0.1008
30	-477	461	-0.5628	-464	472	-0.5616	0.0012	-0.0954
32	-614	596	-0.7260	-602	609	-0.7266	-0.0006	-0.0966
34	-676	660	-0.8016	-670	674	-0.8064	-0.0048	-0.0960
36	-562	548	-0.6660	-560	568	-0.6768	-0.0108	-0.0912
38	-413	394	-0.4842	-410	413	-0.4938	-0.0096	-0.0804
40	-237	220	-0.2742	-232	241	-0.2838	-0.0096	-0.0708
42	-38	21	-0.0354	-33	41	-0.0444	-0.0090	-0.0612
44	114	-131	0.1470	122	-117	0.1434	-0.0036	-0.0522
46	217	-233	0.2700	229	-221	0.2700	0.0000	-0.0486
48	305	-323	0.3768	319	-315	0.3804	0.0036	-0.0486
50	258	-276	0.3204	286	-275	0.3366	0.0162	-0.0522
52	-90	74	-0.0984	-59	69	-0.0768	0.0216	-0.0684
54	-390	373	-0.4578	-369	375	-0.4464	0.0114	-0.0900
56	-439	424	-0.5178	-423	431	-0.5124	0.0054	-0.1014
58	-494	475	-0.5814	-478	481	-0.5754	0.0060	-0.1068
60	-576	560	-0.6816	-561	568	-0.6774	0.0042	-0.1128
62	-690	673	-0.8178	-673	681	-0.8124	0.0054	-0.1170
64	-893	871	-1.0584	-873	881	-1.0524	0.0060	-0.1224
66	-999	984	-1.1898	-991	998	-1.1934	-0.0036	-0.1284
68	-929	910	-1.1034	-923	930	-1.1118	-0.0084	-0.1248
70	-813	794	-0.9642	-806	814	-0.9720	-0.0078	-0.1164
72	-697	680	-0.8262	-696	707	-0.8418	-0.0156	-0.1086
74	-472	454	-0.5556	-467	470	-0.5622	-0.0066	-0.0930
76	-468	452	-0.5520	-464	470	-0.5604	-0.0084	-0.0864
78	-417	399	-0.4896	-414	418	-0.4992	-0.0096	-0.0780
80	-332	316	-0.3888	-327	333	-0.3960	-0.0072	-0.0684
82	-300	283	-0.3498	-295	298	-0.3558	-0.0060	-0.0612

**SITE** JSF  
**INSTALLATION** JS31  
**DESCRIPTION**

**CURRENT SURVEY** 6/29/2009 3:34:42 PM

**INITIAL SURVEY** 6/16/2009 5:53:00 PM

**DATE PRINTED** 7/15/2009 10:17:32 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
84	-312	295	-0.3642	-302	308	-0.3660	-0.0018	-0.0552
86	-343	329	-0.4032	-335	342	-0.4062	-0.0030	-0.0534
88	-374	355	-0.4374	-364	367	-0.4386	-0.0012	-0.0504
90	-370	353	-0.4338	-363	370	-0.4398	-0.0060	-0.0492
92	-169	149	-0.1908	-169	175	-0.2064	-0.0156	-0.0432
94	-94	74	-0.1008	-80	86	-0.0996	0.0012	-0.0276
96	-246	232	-0.2868	-237	247	-0.2904	-0.0036	-0.0288
98	-214	195	-0.2454	-209	213	-0.2532	-0.0078	-0.0252
100	8	-26	0.0204	11	-3	0.0084	-0.0120	-0.0174
102	262	-278	0.3240	270	-261	0.3186	-0.0054	-0.0054
104	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS31  
**DESCRIPTION**

**CURRENT SURVEY** 7/14/2009 8:20:51 AM

**INITIAL SURVEY** 6/16/2009 5:53:00 PM

**DATE PRINTED** 7/15/2009 10:17:32 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
6	434	-446	0.5280	455	-423	0.5268	-0.0012	-0.0630
8	496	-514	0.6060	519	-513	0.6192	0.0132	-0.0618
10	465	-482	0.5682	490	-482	0.5832	0.0150	-0.0750
12	434	-448	0.5292	463	-454	0.5502	0.0210	-0.0900
14	288	-306	0.3564	294	-288	0.3492	-0.0072	-0.1110
16	99	-115	0.1284	119	-109	0.1368	0.0084	-0.1038
18	-35	16	-0.0306	-21	27	-0.0288	0.0018	-0.1122
20	-78	62	-0.0840	-67	73	-0.0840	0.0000	-0.1140
22	-171	155	-0.1956	-162	171	-0.1998	-0.0042	-0.1140
24	-197	177	-0.2244	-182	185	-0.2202	0.0042	-0.1098
26	-350	336	-0.4116	-340	347	-0.4122	-0.0006	-0.1140
28	-333	312	-0.3870	-325	330	-0.3930	-0.0060	-0.1134
30	-477	461	-0.5628	-462	471	-0.5598	0.0030	-0.1074
32	-614	596	-0.7260	-602	609	-0.7266	-0.0006	-0.1104
34	-676	660	-0.8016	-668	674	-0.8052	-0.0036	-0.1098
36	-562	548	-0.6660	-558	569	-0.6762	-0.0102	-0.1062
38	-413	394	-0.4842	-410	415	-0.4950	-0.0108	-0.0960
40	-237	220	-0.2742	-233	242	-0.2850	-0.0108	-0.0852
42	-38	21	-0.0354	-34	43	-0.0462	-0.0108	-0.0744
44	114	-131	0.1470	121	-115	0.1416	-0.0054	-0.0636
46	217	-233	0.2700	229	-219	0.2688	-0.0012	-0.0582
48	305	-323	0.3768	319	-316	0.3810	0.0042	-0.0570
50	258	-276	0.3204	289	-281	0.3420	0.0216	-0.0612
52	-90	74	-0.0984	-56	64	-0.0720	0.0264	-0.0828
54	-390	373	-0.4578	-367	374	-0.4446	0.0132	-0.1092
56	-439	424	-0.5178	-422	432	-0.5124	0.0054	-0.1224
58	-494	475	-0.5814	-475	481	-0.5736	0.0078	-0.1278
60	-576	560	-0.6816	-561	567	-0.6768	0.0048	-0.1356
62	-690	673	-0.8178	-673	681	-0.8124	0.0054	-0.1404
64	-893	871	-1.0584	-871	881	-1.0512	0.0072	-0.1458
66	-999	984	-1.1898	-992	999	-1.1946	-0.0048	-0.1530
68	-929	910	-1.1034	-923	931	-1.1124	-0.0090	-0.1482
70	-813	794	-0.9642	-806	815	-0.9726	-0.0084	-0.1392
72	-697	680	-0.8262	-697	710	-0.8442	-0.0180	-0.1308
74	-472	454	-0.5556	-468	475	-0.5658	-0.0102	-0.1128
76	-468	452	-0.5520	-462	471	-0.5598	-0.0078	-0.1026
78	-417	399	-0.4896	-415	419	-0.5004	-0.0108	-0.0948
80	-332	316	-0.3888	-327	334	-0.3966	-0.0078	-0.0840
82	-300	283	-0.3498	-294	299	-0.3558	-0.0060	-0.0762

**SITE** JSF  
**INSTALLATION** JS31  
**DESCRIPTION**

**CURRENT SURVEY** 7/14/2009 8:20:51 AM

**INITIAL SURVEY** 6/16/2009 5:53:00 PM

**DATE PRINTED** 7/15/2009 10:17:32 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
84	-312	295	-0.3642	-302	307	-0.3654	-0.0012	-0.0702
86	-343	329	-0.4032	-335	344	-0.4074	-0.0042	-0.0690
88	-374	355	-0.4374	-363	368	-0.4386	-0.0012	-0.0648
90	-370	353	-0.4338	-365	371	-0.4416	-0.0078	-0.0636
92	-169	149	-0.1908	-171	181	-0.2112	-0.0204	-0.0558
94	-94	74	-0.1008	-79	86	-0.0990	0.0018	-0.0354
96	-246	232	-0.2868	-236	246	-0.2892	-0.0024	-0.0372
98	-214	195	-0.2454	-211	215	-0.2556	-0.0102	-0.0348
100	8	-26	0.0204	8	-1	0.0054	-0.0150	-0.0246
102	262	-278	0.3240	266	-258	0.3144	-0.0096	-0.0096
104	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS31  
**DESCRIPTION**

**CURRENT SURVEY** 6/29/2009 3:34:42 PM

**INITIAL SURVEY** 6/16/2009 5:53:00 PM

**DATE PRINTED** 7/15/2009 10:17:43 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
6	319	-323	0.3852	328	-299	0.3762	-0.0090	0.0858
8	196	-198	0.2364	221	-171	0.2352	-0.0012	0.0948
10	141	-140	0.1686	166	-112	0.1668	-0.0018	0.0960
12	67	-66	0.0798	90	-41	0.0786	-0.0012	0.0978
14	-17	18	-0.0210	-8	41	-0.0294	-0.0084	0.0990
16	-107	109	-0.1296	-87	135	-0.1332	-0.0036	0.1074
18	-197	197	-0.2364	-172	225	-0.2382	-0.0018	0.1110
20	-227	229	-0.2736	-201	254	-0.2730	0.0006	0.1128
22	-266	270	-0.3216	-238	299	-0.3222	-0.0006	0.1122
24	-291	292	-0.3498	-280	312	-0.3552	-0.0054	0.1128
26	-328	331	-0.3954	-318	353	-0.4026	-0.0072	0.1182
28	-469	473	-0.5652	-450	482	-0.5592	0.0060	0.1254
30	-487	489	-0.5856	-461	505	-0.5796	0.0060	0.1194
32	-375	379	-0.4524	-347	386	-0.4398	0.0126	0.1134
34	-235	232	-0.2802	-205	250	-0.2730	0.0072	0.1008
36	-213	213	-0.2556	-181	235	-0.2496	0.0060	0.0936
38	-142	142	-0.1704	-129	157	-0.1716	-0.0012	0.0876
40	-12	10	-0.0132	17	39	-0.0132	0.0000	0.0888
42	19	-16	0.0210	47	12	0.0210	0.0000	0.0888
44	63	-65	0.0768	83	-55	0.0828	0.0060	0.0888
46	256	-252	0.3048	275	-242	0.3102	0.0054	0.0828
48	440	-440	0.5280	461	-428	0.5334	0.0054	0.0774
50	614	-612	0.7356	638	-589	0.7362	0.0006	0.0720
52	702	-698	0.8400	734	-673	0.8442	0.0042	0.0714
54	649	-652	0.7806	666	-629	0.7770	-0.0036	0.0672
56	507	-502	0.6054	523	-484	0.6042	-0.0012	0.0708
58	356	-353	0.4254	370	-335	0.4230	-0.0024	0.0720
60	188	-185	0.2238	211	-172	0.2298	0.0060	0.0744
62	64	-61	0.0750	74	-45	0.0714	-0.0036	0.0684
64	-225	231	-0.2736	-203	221	-0.2544	0.0192	0.0720
66	-255	252	-0.3042	-222	269	-0.2946	0.0096	0.0528
68	-339	341	-0.4080	-322	353	-0.4050	0.0030	0.0432
70	-542	546	-0.6528	-514	561	-0.6450	0.0078	0.0402
72	-535	537	-0.6432	-518	558	-0.6456	-0.0024	0.0324
74	-654	655	-0.7854	-624	681	-0.7830	0.0024	0.0348
76	-625	626	-0.7506	-598	648	-0.7476	0.0030	0.0324
78	-619	620	-0.7434	-589	640	-0.7374	0.0060	0.0294
80	-582	583	-0.6990	-552	605	-0.6942	0.0048	0.0234
82	-520	522	-0.6252	-488	544	-0.6192	0.0060	0.0186

**SITE** JSF  
**INSTALLATION** JS31  
**DESCRIPTION**

**CURRENT SURVEY** 6/29/2009 3:34:42 PM

**INITIAL SURVEY** 6/16/2009 5:53:00 PM

**DATE PRINTED** 7/15/2009 10:17:43 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
84	-407	407	-0.4884	-384	420	-0.4824	0.0060	0.0126
86	-299	300	-0.3594	-269	321	-0.3540	0.0054	0.0066
88	-200	201	-0.2406	-169	222	-0.2346	0.0060	0.0012
90	-135	135	-0.1620	-115	159	-0.1644	-0.0024	-0.0048
92	-309	318	-0.3762	-287	329	-0.3696	0.0066	-0.0024
94	-510	508	-0.6108	-483	520	-0.6018	0.0090	-0.0090
96	-344	346	-0.4140	-320	363	-0.4098	0.0042	-0.0180
98	-227	228	-0.2730	-206	248	-0.2724	0.0006	-0.0222
100	-143	143	-0.1716	-121	154	-0.1650	0.0066	-0.0228
102	38	-35	0.0438	18	-6	0.0144	-0.0294	-0.0294
104	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS31  
**DESCRIPTION**

**CURRENT SURVEY** 7/14/2009 8:20:51 AM

**INITIAL SURVEY** 6/16/2009 5:53:00 PM

**DATE PRINTED** 7/15/2009 10:17:44 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
6	319	-323	0.3852	299	-247	0.3276	-0.0576	0.0240
8	196	-198	0.2364	223	-170	0.2358	-0.0006	0.0816
10	141	-140	0.1686	165	-115	0.1680	-0.0006	0.0822
12	67	-66	0.0798	93	-34	0.0762	-0.0036	0.0828
14	-17	18	-0.0210	-11	53	-0.0384	-0.0174	0.0864
16	-107	109	-0.1296	-86	134	-0.1320	-0.0024	0.1038
18	-197	197	-0.2364	-170	223	-0.2358	0.0006	0.1062
20	-227	229	-0.2736	-199	257	-0.2736	0.0000	0.1056
22	-266	270	-0.3216	-236	301	-0.3222	-0.0006	0.1056
24	-291	292	-0.3498	-269	313	-0.3492	0.0006	0.1062
26	-328	331	-0.3954	-322	357	-0.4074	-0.0120	0.1056
28	-469	473	-0.5652	-449	494	-0.5658	-0.0006	0.1176
30	-487	489	-0.5856	-462	499	-0.5766	0.0090	0.1182
32	-375	379	-0.4524	-349	385	-0.4404	0.0120	0.1092
34	-235	232	-0.2802	-219	255	-0.2844	-0.0042	0.0972
36	-213	213	-0.2556	-187	239	-0.2556	0.0000	0.1014
38	-142	142	-0.1704	-114	159	-0.1638	0.0066	0.1014
40	-12	10	-0.0132	16	42	-0.0156	-0.0024	0.0948
42	19	-16	0.0210	43	14	0.0174	-0.0036	0.0972
44	63	-65	0.0768	87	-54	0.0846	0.0078	0.1008
46	256	-252	0.3048	272	-241	0.3078	0.0030	0.0930
48	440	-440	0.5280	461	-423	0.5304	0.0024	0.0900
50	614	-612	0.7356	636	-586	0.7332	-0.0024	0.0876
52	702	-698	0.8400	732	-666	0.8388	-0.0012	0.0900
54	649	-652	0.7806	670	-629	0.7794	-0.0012	0.0912
56	507	-502	0.6054	524	-497	0.6126	0.0072	0.0924
58	356	-353	0.4254	371	-337	0.4248	-0.0006	0.0852
60	188	-185	0.2238	216	-165	0.2286	0.0048	0.0858
62	64	-61	0.0750	77	-41	0.0708	-0.0042	0.0810
64	-225	231	-0.2736	-205	234	-0.2634	0.0102	0.0852
66	-255	252	-0.3042	-221	275	-0.2976	0.0066	0.0750
68	-339	341	-0.4080	-326	352	-0.4068	0.0012	0.0684
70	-542	546	-0.6528	-513	569	-0.6492	0.0036	0.0672
72	-535	537	-0.6432	-519	560	-0.6474	-0.0042	0.0636
74	-654	655	-0.7854	-622	675	-0.7782	0.0072	0.0678
76	-625	626	-0.7506	-598	619	-0.7302	0.0204	0.0606
78	-619	620	-0.7434	-591	645	-0.7416	0.0018	0.0402
80	-582	583	-0.6990	-551	610	-0.6966	0.0024	0.0384
82	-520	522	-0.6252	-490	545	-0.6210	0.0042	0.0360

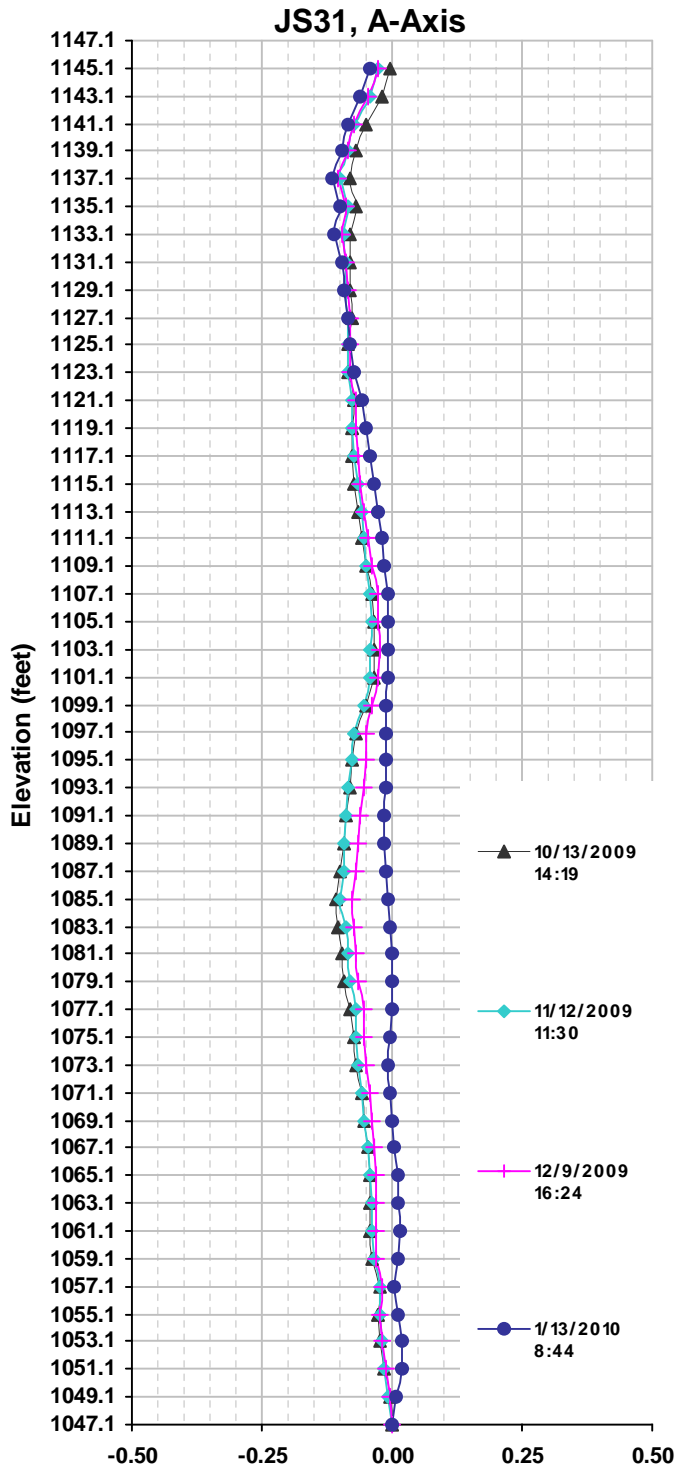


**SITE** JSF  
**INSTALLATION** JS31  
**DESCRIPTION**

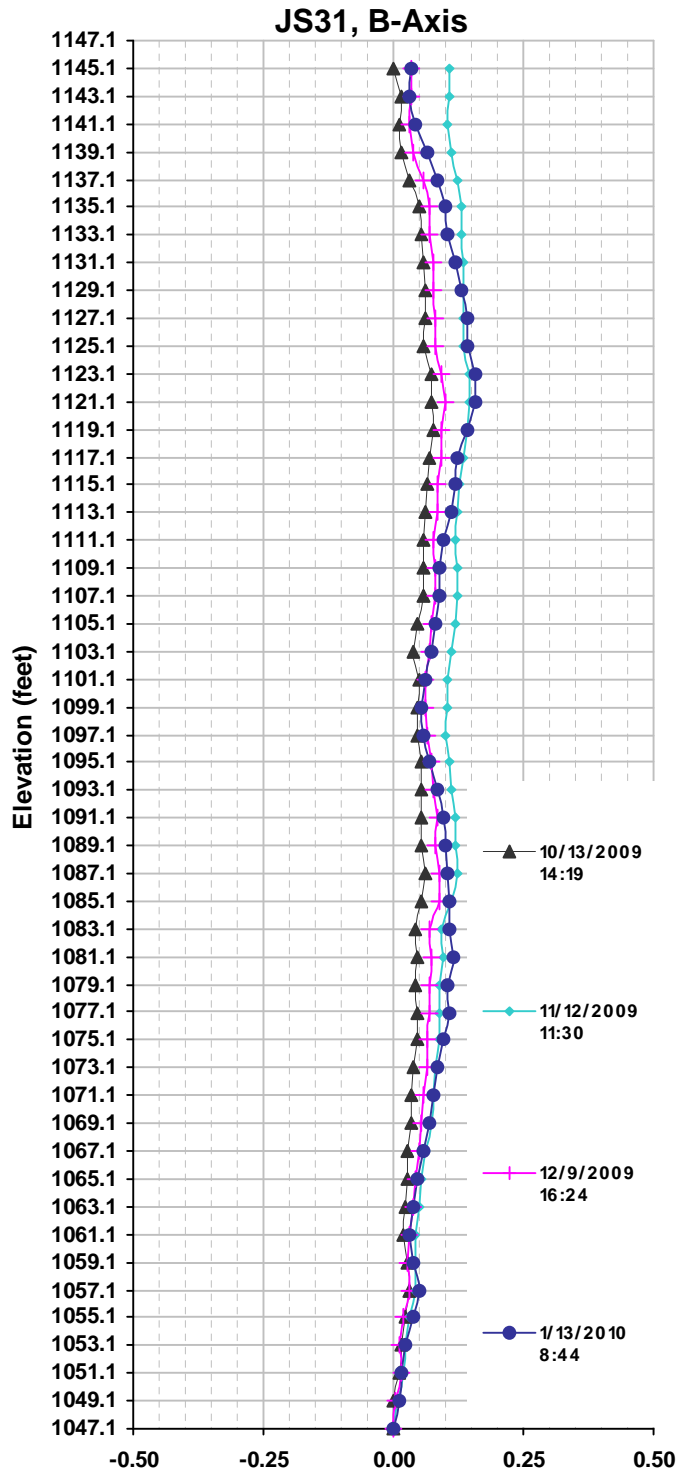
**CURRENT SURVEY** 7/14/2009 8:20:51 AM  
**INITIAL SURVEY** 6/16/2009 5:53:00 PM  
**DATE PRINTED** 7/15/2009 10:17:44 AM

Data Reduction for B Axis:

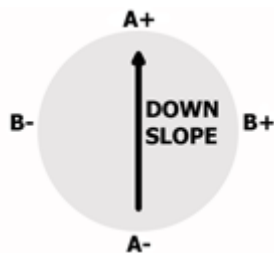
Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
84	-407	407	-0.4884	-385	423	-0.4848	0.0036	0.0318
86	-299	300	-0.3594	-278	322	-0.3600	-0.0006	0.0282
88	-200	201	-0.2406	-174	225	-0.2394	0.0012	0.0288
90	-135	135	-0.1620	-114	160	-0.1644	-0.0024	0.0276
92	-309	318	-0.3762	-294	317	-0.3666	0.0096	0.0300
94	-510	508	-0.6108	-482	518	-0.6000	0.0108	0.0204
96	-344	346	-0.4140	-320	362	-0.4092	0.0048	0.0096
98	-227	228	-0.2730	-201	248	-0.2694	0.0036	0.0048
100	-143	143	-0.1716	-118	154	-0.1632	0.0084	0.0012
102	38	-35	0.0438	43	-18	0.0366	-0.0072	-0.0072
104	0	0	0.0000	0	0	0.0000	0.0000	0.0000



Cumulative Displacement (in) from 6/16/2009



Cumulative Displacement (in) from 6/16/2009



**John Sevier Fossil Plant**

**Rogersville, TN**

**175569038**

**1/13/2010**

**SITE** JSF  
**INSTALLATION** JS31  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 2:19:41 PM

**INITIAL SURVEY** 6/16/2009 5:53:00 PM

**DATE PRINTED** 1/13/2010 3:53:36 PM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
6	434	-446	0.5280	459	-448	0.5442	0.0162	-0.0042
8	496	-514	0.6060	533	-526	0.6354	0.0294	-0.0204
10	465	-482	0.5682	494	-486	0.5880	0.0198	-0.0498
12	434	-448	0.5292	457	-444	0.5406	0.0114	-0.0696
14	288	-306	0.3564	292	-285	0.3462	-0.0102	-0.0810
16	99	-115	0.1284	121	-109	0.1380	0.0096	-0.0708
18	-35	16	-0.0306	-23	30	-0.0318	-0.0012	-0.0804
20	-78	62	-0.0840	-65	74	-0.0834	0.0006	-0.0792
22	-171	155	-0.1956	-159	171	-0.1980	-0.0024	-0.0798
24	-197	177	-0.2244	-179	186	-0.2190	0.0054	-0.0774
26	-350	336	-0.4116	-336	348	-0.4104	0.0012	-0.0828
28	-333	312	-0.3870	-328	334	-0.3972	-0.0102	-0.0840
30	-477	461	-0.5628	-461	469	-0.5580	0.0048	-0.0738
32	-614	596	-0.7260	-602	609	-0.7266	-0.0006	-0.0786
34	-676	660	-0.8016	-667	674	-0.8046	-0.0030	-0.0780
36	-562	548	-0.6660	-558	567	-0.6750	-0.0090	-0.0750
38	-413	394	-0.4842	-409	413	-0.4932	-0.0090	-0.0660
40	-237	220	-0.2742	-231	239	-0.2820	-0.0078	-0.0570
42	-38	21	-0.0354	-35	43	-0.0468	-0.0114	-0.0492
44	114	-131	0.1470	123	-114	0.1422	-0.0048	-0.0378
46	217	-233	0.2700	230	-220	0.2700	0.0000	-0.0330
48	305	-323	0.3768	320	-313	0.3798	0.0030	-0.0330
50	258	-276	0.3204	284	-275	0.3354	0.0150	-0.0360
52	-90	74	-0.0984	-62	73	-0.0810	0.0174	-0.0510
54	-390	373	-0.4578	-373	378	-0.4506	0.0072	-0.0684
56	-439	424	-0.5178	-422	433	-0.5130	0.0048	-0.0756
58	-494	475	-0.5814	-475	481	-0.5736	0.0078	-0.0804
60	-576	560	-0.6816	-560	569	-0.6774	0.0042	-0.0882
62	-690	673	-0.8178	-672	681	-0.8118	0.0060	-0.0924
64	-893	871	-1.0584	-871	879	-1.0500	0.0084	-0.0984
66	-999	984	-1.1898	-991	999	-1.1940	-0.0042	-0.1068
68	-929	910	-1.1034	-920	929	-1.1094	-0.0060	-0.1026
70	-813	794	-0.9642	-803	811	-0.9684	-0.0042	-0.0966
72	-697	680	-0.8262	-692	706	-0.8388	-0.0126	-0.0924
74	-472	454	-0.5556	-464	471	-0.5610	-0.0054	-0.0798
76	-468	452	-0.5520	-460	471	-0.5586	-0.0066	-0.0744
78	-417	399	-0.4896	-414	420	-0.5004	-0.0108	-0.0678
80	-332	316	-0.3888	-325	331	-0.3936	-0.0048	-0.0570
82	-300	283	-0.3498	-293	300	-0.3558	-0.0060	-0.0522

**SITE** JSF  
**INSTALLATION** JS31  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 2:19:41 PM

**INITIAL SURVEY** 6/16/2009 5:53:00 PM

**DATE PRINTED** 1/13/2010 3:53:36 PM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
84	-312	295	-0.3642	-301	310	-0.3666	-0.0024	-0.0462
86	-343	329	-0.4032	-333	343	-0.4056	-0.0024	-0.0438
88	-374	355	-0.4374	-362	368	-0.4380	-0.0006	-0.0414
90	-370	353	-0.4338	-361	369	-0.4380	-0.0042	-0.0408
92	-169	149	-0.1908	-164	174	-0.2028	-0.0120	-0.0366
94	-94	74	-0.1008	-79	87	-0.0996	0.0012	-0.0246
96	-246	232	-0.2868	-237	248	-0.2910	-0.0042	-0.0258
98	-214	195	-0.2454	-207	214	-0.2526	-0.0072	-0.0216
100	8	-26	0.0204	14	-5	0.0114	-0.0090	-0.0144
102	262	-278	0.3240	270	-261	0.3186	-0.0054	-0.0054
104	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS31  
**DESCRIPTION**

**CURRENT SURVEY** 11/12/2009 11:30:25 AM

**INITIAL SURVEY** 6/16/2009 5:53:00 PM

**DATE PRINTED** 1/13/2010 3:53:36 PM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
6	434	-446	0.5280	459	-452	0.5466	0.0186	-0.0252
8	496	-514	0.6060	531	-525	0.6336	0.0276	-0.0438
10	465	-482	0.5682	490	-480	0.5820	0.0138	-0.0714
12	434	-448	0.5292	461	-446	0.5442	0.0150	-0.0852
14	288	-306	0.3564	290	-279	0.3414	-0.0150	-0.1002
16	99	-115	0.1284	121	-107	0.1368	0.0084	-0.0852
18	-35	16	-0.0306	-24	35	-0.0354	-0.0048	-0.0936
20	-78	62	-0.0840	-63	77	-0.0840	0.0000	-0.0888
22	-171	155	-0.1956	-160	173	-0.1998	-0.0042	-0.0888
24	-197	177	-0.2244	-184	188	-0.2232	0.0012	-0.0846
26	-350	336	-0.4116	-337	350	-0.4122	-0.0006	-0.0858
28	-333	312	-0.3870	-326	335	-0.3966	-0.0096	-0.0852
30	-477	461	-0.5628	-467	472	-0.5634	-0.0006	-0.0756
32	-614	596	-0.7260	-602	613	-0.7290	-0.0030	-0.0750
34	-676	660	-0.8016	-670	676	-0.8076	-0.0060	-0.0720
36	-562	548	-0.6660	-551	570	-0.6726	-0.0066	-0.0660
38	-413	394	-0.4842	-402	413	-0.4890	-0.0048	-0.0594
40	-237	220	-0.2742	-225	241	-0.2796	-0.0054	-0.0546
42	-38	21	-0.0354	-26	44	-0.0420	-0.0066	-0.0492
44	114	-131	0.1470	126	-114	0.1440	-0.0030	-0.0426
46	217	-233	0.2700	234	-218	0.2712	0.0012	-0.0396
48	305	-323	0.3768	322	-310	0.3792	0.0024	-0.0408
50	258	-276	0.3204	285	-269	0.3324	0.0120	-0.0432
52	-90	74	-0.0984	-61	74	-0.0810	0.0174	-0.0552
54	-390	373	-0.4578	-374	381	-0.4530	0.0048	-0.0726
56	-439	424	-0.5178	-418	434	-0.5112	0.0066	-0.0774
58	-494	475	-0.5814	-476	486	-0.5772	0.0042	-0.0840
60	-576	560	-0.6816	-562	570	-0.6792	0.0024	-0.0882
62	-690	673	-0.8178	-673	684	-0.8142	0.0036	-0.0906
64	-893	871	-1.0584	-872	885	-1.0542	0.0042	-0.0942
66	-999	984	-1.1898	-993	1004	-1.1982	-0.0084	-0.0984
68	-929	910	-1.1034	-917	930	-1.1082	-0.0048	-0.0900
70	-813	794	-0.9642	-802	814	-0.9696	-0.0054	-0.0852
72	-697	680	-0.8262	-690	704	-0.8364	-0.0102	-0.0798
74	-472	454	-0.5556	-456	473	-0.5574	-0.0018	-0.0696
76	-468	452	-0.5520	-457	469	-0.5556	-0.0036	-0.0678
78	-417	399	-0.4896	-408	418	-0.4956	-0.0060	-0.0642
80	-332	316	-0.3888	-321	333	-0.3924	-0.0036	-0.0582
82	-300	283	-0.3498	-293	301	-0.3564	-0.0066	-0.0546

**SITE** JSF  
**INSTALLATION** JS31  
**DESCRIPTION**

**CURRENT SURVEY** 11/12/2009 11:30:25 AM

**INITIAL SURVEY** 6/16/2009 5:53:00 PM

**DATE PRINTED** 1/13/2010 3:53:36 PM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
84	-312	295	-0.3642	-301	313	-0.3684	-0.0042	-0.0480
86	-343	329	-0.4032	-335	343	-0.4068	-0.0036	-0.0438
88	-374	355	-0.4374	-362	370	-0.4392	-0.0018	-0.0402
90	-370	353	-0.4338	-362	369	-0.4386	-0.0048	-0.0384
92	-169	149	-0.1908	-163	172	-0.2010	-0.0102	-0.0336
94	-94	74	-0.1008	-78	90	-0.1008	0.0000	-0.0234
96	-246	232	-0.2868	-235	249	-0.2904	-0.0036	-0.0234
98	-214	195	-0.2454	-206	212	-0.2508	-0.0054	-0.0198
100	8	-26	0.0204	16	-4	0.0120	-0.0084	-0.0144
102	262	-278	0.3240	270	-260	0.3180	-0.0060	-0.0060
104	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS31  
**DESCRIPTION**

**CURRENT SURVEY** 12/9/2009 4:24:32 PM

**INITIAL SURVEY** 6/16/2009 5:53:00 PM

**DATE PRINTED** 1/13/2010 3:53:36 PM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
6	434	-446	0.5280	456	-455	0.5466	0.0186	-0.0276
8	496	-514	0.6060	526	-526	0.6312	0.0252	-0.0462
10	465	-482	0.5682	485	-482	0.5802	0.0120	-0.0714
12	434	-448	0.5292	459	-454	0.5478	0.0186	-0.0834
14	288	-306	0.3564	287	-282	0.3414	-0.0150	-0.1020
16	99	-115	0.1284	119	-113	0.1392	0.0108	-0.0870
18	-35	16	-0.0306	-34	34	-0.0408	-0.0102	-0.0978
20	-78	62	-0.0840	-69	74	-0.0858	-0.0018	-0.0876
22	-171	155	-0.1956	-165	169	-0.2004	-0.0048	-0.0858
24	-197	177	-0.2244	-186	186	-0.2232	0.0012	-0.0810
26	-350	336	-0.4116	-339	348	-0.4122	-0.0006	-0.0822
28	-333	312	-0.3870	-331	333	-0.3984	-0.0114	-0.0816
30	-477	461	-0.5628	-468	471	-0.5634	-0.0006	-0.0702
32	-614	596	-0.7260	-608	608	-0.7296	-0.0036	-0.0696
34	-676	660	-0.8016	-671	673	-0.8064	-0.0048	-0.0660
36	-562	548	-0.6660	-559	564	-0.6738	-0.0078	-0.0612
38	-413	394	-0.4842	-409	409	-0.4908	-0.0066	-0.0534
40	-237	220	-0.2742	-234	236	-0.2820	-0.0078	-0.0468
42	-38	21	-0.0354	-36	40	-0.0456	-0.0102	-0.0390
44	114	-131	0.1470	121	-118	0.1434	-0.0036	-0.0288
46	217	-233	0.2700	227	-222	0.2694	-0.0006	-0.0252
48	305	-323	0.3768	317	-312	0.3774	0.0006	-0.0246
50	258	-276	0.3204	282	-273	0.3330	0.0126	-0.0252
52	-90	74	-0.0984	-77	69	-0.0876	0.0108	-0.0378
54	-390	373	-0.4578	-381	377	-0.4548	0.0030	-0.0486
56	-439	424	-0.5178	-427	431	-0.5148	0.0030	-0.0516
58	-494	475	-0.5814	-480	478	-0.5748	0.0066	-0.0546
60	-576	560	-0.6816	-562	566	-0.6768	0.0048	-0.0612
62	-690	673	-0.8178	-677	679	-0.8136	0.0042	-0.0660
64	-893	871	-1.0584	-875	879	-1.0524	0.0060	-0.0702
66	-999	984	-1.1898	-993	998	-1.1946	-0.0048	-0.0762
68	-929	910	-1.1034	-921	924	-1.1070	-0.0036	-0.0714
70	-813	794	-0.9642	-805	808	-0.9678	-0.0036	-0.0678
72	-697	680	-0.8262	-691	701	-0.8352	-0.0090	-0.0642
74	-472	454	-0.5556	-463	466	-0.5574	-0.0018	-0.0552
76	-468	452	-0.5520	-458	465	-0.5538	-0.0018	-0.0534
78	-417	399	-0.4896	-414	416	-0.4980	-0.0084	-0.0516
80	-332	316	-0.3888	-326	329	-0.3930	-0.0042	-0.0432
82	-300	283	-0.3498	-295	295	-0.3540	-0.0042	-0.0390

**SITE** JSF  
**INSTALLATION** JS31  
**DESCRIPTION**

**CURRENT SURVEY** 12/9/2009 4:24:32 PM

**INITIAL SURVEY** 6/16/2009 5:53:00 PM

**DATE PRINTED** 1/13/2010 3:53:36 PM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
84	-312	295	-0.3642	-304	307	-0.3666	-0.0024	-0.0348
86	-343	329	-0.4032	-335	340	-0.4050	-0.0018	-0.0324
88	-374	355	-0.4374	-363	365	-0.4368	0.0006	-0.0306
90	-370	353	-0.4338	-361	364	-0.4350	-0.0012	-0.0312
92	-169	149	-0.1908	-166	168	-0.2004	-0.0096	-0.0300
94	-94	74	-0.1008	-81	84	-0.0990	0.0018	-0.0204
96	-246	232	-0.2868	-240	245	-0.2910	-0.0042	-0.0222
98	-214	195	-0.2454	-209	211	-0.2520	-0.0066	-0.0180
100	8	-26	0.0204	15	-9	0.0144	-0.0060	-0.0114
102	262	-278	0.3240	267	-264	0.3186	-0.0054	-0.0054
104	0	0	0.0000	0	0	0.0000	0.0000	0.0000



**SITE** JSF  
**INSTALLATION** JS31  
**DESCRIPTION**

**CURRENT SURVEY** 1/13/2010 8:44:55 AM

**INITIAL SURVEY** 6/16/2009 5:53:00 PM

**DATE PRINTED** 1/13/2010 3:53:36 PM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
6	434	-446	0.5280	454	-454	0.5448	0.0168	-0.0438
8	496	-514	0.6060	524	-524	0.6288	0.0228	-0.0606
10	465	-482	0.5682	484	-482	0.5796	0.0114	-0.0834
12	434	-448	0.5292	461	-457	0.5508	0.0216	-0.0948
14	288	-306	0.3564	285	-282	0.3402	-0.0162	-0.1164
16	99	-115	0.1284	116	-115	0.1386	0.0102	-0.1002
18	-35	16	-0.0306	-39	38	-0.0462	-0.0156	-0.1104
20	-78	62	-0.0840	-71	76	-0.0882	-0.0042	-0.0948
22	-171	155	-0.1956	-166	171	-0.2022	-0.0066	-0.0906
24	-197	177	-0.2244	-191	191	-0.2292	-0.0048	-0.0840
26	-350	336	-0.4116	-344	350	-0.4164	-0.0048	-0.0792
28	-333	312	-0.3870	-335	336	-0.4026	-0.0156	-0.0744
30	-477	461	-0.5628	-475	478	-0.5718	-0.0090	-0.0588
32	-614	596	-0.7260	-612	613	-0.7350	-0.0090	-0.0498
34	-676	660	-0.8016	-673	676	-0.8094	-0.0078	-0.0408
36	-562	548	-0.6660	-557	563	-0.6720	-0.0060	-0.0330
38	-413	394	-0.4842	-410	408	-0.4908	-0.0066	-0.0270
40	-237	220	-0.2742	-230	234	-0.2784	-0.0042	-0.0204
42	-38	21	-0.0354	-34	37	-0.0426	-0.0072	-0.0162
44	114	-131	0.1470	121	-119	0.1440	-0.0030	-0.0090
46	217	-233	0.2700	228	-225	0.2718	0.0018	-0.0060
48	305	-323	0.3768	316	-315	0.3786	0.0018	-0.0078
50	258	-276	0.3204	273	-267	0.3240	0.0036	-0.0096
52	-90	74	-0.0984	-79	85	-0.0984	0.0000	-0.0132
54	-390	373	-0.4578	-381	386	-0.4602	-0.0024	-0.0132
56	-439	424	-0.5178	-428	433	-0.5166	0.0012	-0.0108
58	-494	475	-0.5814	-481	482	-0.5778	0.0036	-0.0120
60	-576	560	-0.6816	-567	571	-0.6828	-0.0012	-0.0156
62	-690	673	-0.8178	-684	686	-0.8220	-0.0042	-0.0144
64	-893	871	-1.0584	-882	885	-1.0602	-0.0018	-0.0102
66	-999	984	-1.1898	-995	998	-1.1958	-0.0060	-0.0084
68	-929	910	-1.1034	-920	922	-1.1052	-0.0018	-0.0024
70	-813	794	-0.9642	-804	806	-0.9660	-0.0018	-0.0006
72	-697	680	-0.8262	-685	689	-0.8244	0.0018	0.0012
74	-472	454	-0.5556	-459	462	-0.5526	0.0030	-0.0006
76	-468	452	-0.5520	-456	459	-0.5490	0.0030	-0.0036
78	-417	399	-0.4896	-411	412	-0.4938	-0.0042	-0.0066
80	-332	316	-0.3888	-325	328	-0.3918	-0.0030	-0.0024
82	-300	283	-0.3498	-295	296	-0.3546	-0.0048	0.0006

**SITE** JSF  
**INSTALLATION** JS31  
**DESCRIPTION**

**CURRENT SURVEY** 1/13/2010 8:44:55 AM

**INITIAL SURVEY** 6/16/2009 5:53:00 PM

**DATE PRINTED** 1/13/2010 3:53:37 PM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
84	-312	295	-0.3642	-303	312	-0.3690	-0.0048	0.0054
86	-343	329	-0.4032	-335	341	-0.4056	-0.0024	0.0102
88	-374	355	-0.4374	-366	367	-0.4398	-0.0024	0.0126
90	-370	353	-0.4338	-358	359	-0.4302	0.0036	0.0150
92	-169	149	-0.1908	-152	155	-0.1842	0.0066	0.0114
94	-94	74	-0.1008	-88	90	-0.1068	-0.0060	0.0048
96	-246	232	-0.2868	-243	249	-0.2952	-0.0084	0.0108
98	-214	195	-0.2454	-203	205	-0.2448	0.0006	0.0192
100	8	-26	0.0204	26	-26	0.0312	0.0108	0.0186
102	262	-278	0.3240	277	-276	0.3318	0.0078	0.0078
104	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS31  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 2:19:41 PM

**INITIAL SURVEY** 6/16/2009 5:53:00 PM

**DATE PRINTED** 1/13/2010 3:53:43 PM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
6	319	-323	0.3852	335	-282	0.3702	-0.0150	-0.0012
8	196	-198	0.2364	225	-173	0.2388	0.0024	0.0138
10	141	-140	0.1686	165	-111	0.1656	-0.0030	0.0114
12	67	-66	0.0798	80	-26	0.0636	-0.0162	0.0144
14	-17	18	-0.0210	-17	49	-0.0396	-0.0186	0.0306
16	-107	109	-0.1296	-88	135	-0.1338	-0.0042	0.0492
18	-197	197	-0.2364	-175	226	-0.2406	-0.0042	0.0534
20	-227	229	-0.2736	-203	257	-0.2760	-0.0024	0.0576
22	-266	270	-0.3216	-244	297	-0.3246	-0.0030	0.0600
24	-291	292	-0.3498	-269	308	-0.3462	0.0036	0.0630
26	-328	331	-0.3954	-323	360	-0.4098	-0.0144	0.0594
28	-469	473	-0.5652	-446	495	-0.5646	0.0006	0.0738
30	-487	489	-0.5856	-469	510	-0.5874	-0.0018	0.0732
32	-375	379	-0.4524	-354	392	-0.4476	0.0048	0.0750
34	-235	232	-0.2802	-205	254	-0.2754	0.0048	0.0702
36	-213	213	-0.2556	-182	239	-0.2526	0.0030	0.0654
38	-142	142	-0.1704	-113	160	-0.1638	0.0066	0.0624
40	-12	10	-0.0132	17	41	-0.0144	-0.0012	0.0558
42	19	-16	0.0210	48	14	0.0204	-0.0006	0.0570
44	63	-65	0.0768	91	-57	0.0888	0.0120	0.0576
46	256	-252	0.3048	278	-244	0.3132	0.0084	0.0456
48	440	-440	0.5280	437	-423	0.5160	-0.0120	0.0372
50	614	-612	0.7356	641	-588	0.7374	0.0018	0.0492
52	702	-698	0.8400	725	-679	0.8424	0.0024	0.0474
54	649	-652	0.7806	662	-626	0.7728	-0.0078	0.0450
56	507	-502	0.6054	522	-486	0.6048	-0.0006	0.0528
58	356	-353	0.4254	366	-344	0.4260	0.0006	0.0534
60	188	-185	0.2238	209	-163	0.2232	-0.0006	0.0528
62	64	-61	0.0750	70	-42	0.0672	-0.0078	0.0534
64	-225	231	-0.2736	-209	233	-0.2652	0.0084	0.0612
66	-255	252	-0.3042	-219	270	-0.2934	0.0108	0.0528
68	-339	341	-0.4080	-329	358	-0.4122	-0.0042	0.0420
70	-542	546	-0.6528	-522	562	-0.6504	0.0024	0.0462
72	-535	537	-0.6432	-521	557	-0.6468	-0.0036	0.0438
74	-654	655	-0.7854	-627	681	-0.7848	0.0006	0.0474
76	-625	626	-0.7506	-597	638	-0.7410	0.0096	0.0468
78	-619	620	-0.7434	-590	643	-0.7398	0.0036	0.0372
80	-582	583	-0.6990	-558	607	-0.6990	0.0000	0.0336
82	-520	522	-0.6252	-491	540	-0.6186	0.0066	0.0336

**SITE** JSF  
**INSTALLATION** JS31  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 2:19:41 PM

**INITIAL SURVEY** 6/16/2009 5:53:00 PM

**DATE PRINTED** 1/13/2010 3:53:44 PM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
84	-407	407	-0.4884	-390	421	-0.4866	0.0018	0.0270
86	-299	300	-0.3594	-272	322	-0.3564	0.0030	0.0252
88	-200	201	-0.2406	-177	220	-0.2382	0.0024	0.0222
90	-135	135	-0.1620	-118	161	-0.1674	-0.0054	0.0198
92	-309	318	-0.3762	-302	334	-0.3816	-0.0054	0.0252
94	-510	508	-0.6108	-486	518	-0.6024	0.0084	0.0306
96	-344	346	-0.4140	-318	361	-0.4074	0.0066	0.0222
98	-227	228	-0.2730	-199	250	-0.2694	0.0036	0.0156
100	-143	143	-0.1716	-119	150	-0.1614	0.0102	0.0120
102	38	-35	0.0438	54	-22	0.0456	0.0018	0.0018
104	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS31  
**DESCRIPTION**

**CURRENT SURVEY** 11/12/2009 11:30:25 AM

**INITIAL SURVEY** 6/16/2009 5:53:00 PM

**DATE PRINTED** 1/13/2010 3:53:44 PM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
6	319	-323	0.3852	355	-289	0.3864	0.0012	0.1074
8	196	-198	0.2364	226	-173	0.2394	0.0030	0.1062
10	141	-140	0.1686	163	-106	0.1614	-0.0072	0.1032
12	67	-66	0.0798	83	-32	0.0690	-0.0108	0.1104
14	-17	18	-0.0210	-8	41	-0.0294	-0.0084	0.1212
16	-107	109	-0.1296	-86	130	-0.1296	0.0000	0.1296
18	-197	197	-0.2364	-170	233	-0.2418	-0.0054	0.1296
20	-227	229	-0.2736	-199	259	-0.2748	-0.0012	0.1350
22	-266	270	-0.3216	-235	299	-0.3204	0.0012	0.1362
24	-291	292	-0.3498	-271	311	-0.3492	0.0006	0.1350
26	-328	331	-0.3954	-320	358	-0.4068	-0.0114	0.1344
28	-469	473	-0.5652	-445	495	-0.5640	0.0012	0.1458
30	-487	489	-0.5856	-457	512	-0.5814	0.0042	0.1446
32	-375	379	-0.4524	-355	391	-0.4476	0.0048	0.1404
34	-235	232	-0.2802	-201	251	-0.2712	0.0090	0.1356
36	-213	213	-0.2556	-179	242	-0.2526	0.0030	0.1266
38	-142	142	-0.1704	-117	161	-0.1668	0.0036	0.1236
40	-12	10	-0.0132	17	42	-0.0150	-0.0018	0.1200
42	19	-16	0.0210	47	13	0.0204	-0.0006	0.1218
44	63	-65	0.0768	78	-55	0.0798	0.0030	0.1224
46	256	-252	0.3048	276	-242	0.3108	0.0060	0.1194
48	440	-440	0.5280	465	-429	0.5364	0.0084	0.1134
50	614	-612	0.7356	642	-589	0.7386	0.0030	0.1050
52	702	-698	0.8400	734	-669	0.8418	0.0018	0.1020
54	649	-652	0.7806	661	-628	0.7734	-0.0072	0.1002
56	507	-502	0.6054	523	-481	0.6024	-0.0030	0.1074
58	356	-353	0.4254	361	-334	0.4170	-0.0084	0.1104
60	188	-185	0.2238	210	-163	0.2238	0.0000	0.1188
62	64	-61	0.0750	70	-50	0.0720	-0.0030	0.1188
64	-225	231	-0.2736	-206	234	-0.2640	0.0096	0.1218
66	-255	252	-0.3042	-217	258	-0.2850	0.0192	0.1122
68	-339	341	-0.4080	-330	353	-0.4098	-0.0018	0.0930
70	-542	546	-0.6528	-507	572	-0.6474	0.0054	0.0948
72	-535	537	-0.6432	-515	555	-0.6420	0.0012	0.0894
74	-654	655	-0.7854	-618	690	-0.7848	0.0006	0.0882
76	-625	626	-0.7506	-590	650	-0.7440	0.0066	0.0876
78	-619	620	-0.7434	-586	645	-0.7386	0.0048	0.0810
80	-582	583	-0.6990	-548	610	-0.6948	0.0042	0.0762
82	-520	522	-0.6252	-485	540	-0.6150	0.0102	0.0720

**SITE** JSF  
**INSTALLATION** JS31  
**DESCRIPTION**

**CURRENT SURVEY** 11/12/2009 11:30:25 AM

**INITIAL SURVEY** 6/16/2009 5:53:00 PM

**DATE PRINTED** 1/13/2010 3:53:44 PM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
84	-407	407	-0.4884	-383	420	-0.4818	0.0066	0.0618
86	-299	300	-0.3594	-267	323	-0.3540	0.0054	0.0552
88	-200	201	-0.2406	-167	220	-0.2322	0.0084	0.0498
90	-135	135	-0.1620	-115	158	-0.1638	-0.0018	0.0414
92	-309	318	-0.3762	-294	334	-0.3768	-0.0006	0.0432
94	-510	508	-0.6108	-481	518	-0.5994	0.0114	0.0438
96	-344	346	-0.4140	-314	363	-0.4062	0.0078	0.0324
98	-227	228	-0.2730	-199	250	-0.2694	0.0036	0.0246
100	-143	143	-0.1716	-113	152	-0.1590	0.0126	0.0210
102	38	-35	0.0438	64	-23	0.0522	0.0084	0.0084
104	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS31  
**DESCRIPTION**

**CURRENT SURVEY** 12/9/2009 4:24:32 PM

**INITIAL SURVEY** 6/16/2009 5:53:00 PM

**DATE PRINTED** 1/13/2010 3:53:44 PM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
6	319	-323	0.3852	351	-291	0.3852	0.0000	0.0342
8	196	-198	0.2364	229	-169	0.2388	0.0024	0.0342
10	141	-140	0.1686	167	-100	0.1602	-0.0084	0.0318
12	67	-66	0.0798	85	-21	0.0636	-0.0162	0.0402
14	-17	18	-0.0210	-6	51	-0.0342	-0.0132	0.0564
16	-107	109	-0.1296	-82	135	-0.1302	-0.0006	0.0696
18	-197	197	-0.2364	-172	231	-0.2418	-0.0054	0.0702
20	-227	229	-0.2736	-195	265	-0.2760	-0.0024	0.0756
22	-266	270	-0.3216	-236	305	-0.3246	-0.0030	0.0780
24	-291	292	-0.3498	-267	313	-0.3480	0.0018	0.0810
26	-328	331	-0.3954	-316	367	-0.4098	-0.0144	0.0792
28	-469	473	-0.5652	-447	503	-0.5700	-0.0048	0.0936
30	-487	489	-0.5856	-454	514	-0.5808	0.0048	0.0984
32	-375	379	-0.4524	-352	397	-0.4494	0.0030	0.0936
34	-235	232	-0.2802	-202	257	-0.2754	0.0048	0.0906
36	-213	213	-0.2556	-179	246	-0.2550	0.0006	0.0858
38	-142	142	-0.1704	-108	164	-0.1632	0.0072	0.0852
40	-12	10	-0.0132	19	46	-0.0162	-0.0030	0.0780
42	19	-16	0.0210	53	19	0.0204	-0.0006	0.0810
44	63	-65	0.0768	91	-53	0.0864	0.0096	0.0816
46	256	-252	0.3048	275	-240	0.3090	0.0042	0.0720
48	440	-440	0.5280	466	-422	0.5328	0.0048	0.0678
50	614	-612	0.7356	642	-585	0.7362	0.0006	0.0630
52	702	-698	0.8400	733	-665	0.8388	-0.0012	0.0624
54	649	-652	0.7806	666	-621	0.7722	-0.0084	0.0636
56	507	-502	0.6054	526	-477	0.6018	-0.0036	0.0720
58	356	-353	0.4254	368	-327	0.4170	-0.0084	0.0756
60	188	-185	0.2238	214	-166	0.2280	0.0042	0.0840
62	64	-61	0.0750	73	-39	0.0672	-0.0078	0.0798
64	-225	231	-0.2736	-206	250	-0.2736	0.0000	0.0876
66	-255	252	-0.3042	-212	265	-0.2862	0.0180	0.0876
68	-339	341	-0.4080	-326	359	-0.4110	-0.0030	0.0696
70	-542	546	-0.6528	-507	575	-0.6492	0.0036	0.0726
72	-535	537	-0.6432	-515	559	-0.6444	-0.0012	0.0690
74	-654	655	-0.7854	-617	686	-0.7818	0.0036	0.0702
76	-625	626	-0.7506	-598	648	-0.7476	0.0030	0.0666
78	-619	620	-0.7434	-583	648	-0.7386	0.0048	0.0636
80	-582	583	-0.6990	-546	613	-0.6954	0.0036	0.0588
82	-520	522	-0.6252	-485	546	-0.6186	0.0066	0.0552

**SITE** JSF  
**INSTALLATION** JS31  
**DESCRIPTION**

**CURRENT SURVEY** 12/9/2009 4:24:32 PM  
**INITIAL SURVEY** 6/16/2009 5:53:00 PM  
**DATE PRINTED** 1/13/2010 3:53:44 PM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
84	-407	407	-0.4884	-378	426	-0.4824	0.0060	0.0486
86	-299	300	-0.3594	-265	324	-0.3534	0.0060	0.0426
88	-200	201	-0.2406	-163	226	-0.2334	0.0072	0.0366
90	-135	135	-0.1620	-112	156	-0.1608	0.0012	0.0294
92	-309	318	-0.3762	-289	341	-0.3780	-0.0018	0.0282
94	-510	508	-0.6108	-477	522	-0.5994	0.0114	0.0300
96	-344	346	-0.4140	-310	368	-0.4068	0.0072	0.0186
98	-227	228	-0.2730	-206	254	-0.2760	-0.0030	0.0114
100	-143	143	-0.1716	-113	154	-0.1602	0.0114	0.0144
102	38	-35	0.0438	58	-20	0.0468	0.0030	0.0030
104	0	0	0.0000	0	0	0.0000	0.0000	0.0000



**SITE** JSF  
**INSTALLATION** JS31  
**DESCRIPTION**

**CURRENT SURVEY** 1/13/2010 8:44:55 AM

**INITIAL SURVEY** 6/16/2009 5:53:00 PM

**DATE PRINTED** 1/13/2010 3:53:44 PM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
6	319	-323	0.3852	321	-323	0.3864	0.0012	0.0336
8	196	-198	0.2364	184	-193	0.2262	-0.0102	0.0324
10	141	-140	0.1686	118	-127	0.1470	-0.0216	0.0426
12	67	-66	0.0798	44	-55	0.0594	-0.0204	0.0642
14	-17	18	-0.0210	-38	24	-0.0372	-0.0162	0.0846
16	-107	109	-0.1296	-118	105	-0.1338	-0.0042	0.1008
18	-197	197	-0.2364	-217	201	-0.2508	-0.0144	0.1050
20	-227	229	-0.2736	-247	230	-0.2862	-0.0126	0.1194
22	-266	270	-0.3216	-288	265	-0.3318	-0.0102	0.1320
24	-291	292	-0.3498	-300	283	-0.3498	0.0000	0.1422
26	-328	331	-0.3954	-348	334	-0.4092	-0.0138	0.1422
28	-469	473	-0.5652	-481	464	-0.5670	-0.0018	0.1560
30	-487	489	-0.5856	-483	468	-0.5706	0.0150	0.1578
32	-375	379	-0.4524	-365	356	-0.4326	0.0198	0.1428
34	-235	232	-0.2802	-242	217	-0.2754	0.0048	0.1230
36	-213	213	-0.2556	-217	196	-0.2478	0.0078	0.1182
38	-142	142	-0.1704	-133	128	-0.1566	0.0138	0.1104
40	-12	10	-0.0132	-20	-9	-0.0066	0.0066	0.0966
42	19	-16	0.0210	7	-31	0.0228	0.0018	0.0900
44	63	-65	0.0768	74	-68	0.0852	0.0084	0.0882
46	256	-252	0.3048	263	-257	0.3120	0.0072	0.0798
48	440	-440	0.5280	447	-450	0.5382	0.0102	0.0726
50	614	-612	0.7356	617	-624	0.7446	0.0090	0.0624
52	702	-698	0.8400	693	-701	0.8364	-0.0036	0.0534
54	649	-652	0.7806	640	-642	0.7692	-0.0114	0.0570
56	507	-502	0.6054	497	-488	0.5910	-0.0144	0.0684
58	356	-353	0.4254	346	-342	0.4128	-0.0126	0.0828
60	188	-185	0.2238	179	-188	0.2202	-0.0036	0.0954
62	64	-61	0.0750	59	-58	0.0702	-0.0048	0.0990
64	-225	231	-0.2736	-228	236	-0.2784	-0.0048	0.1038
66	-255	252	-0.3042	-260	246	-0.3036	0.0006	0.1086
68	-339	341	-0.4080	-348	342	-0.4140	-0.0060	0.1080
70	-542	546	-0.6528	-544	524	-0.6408	0.0120	0.1140
72	-535	537	-0.6432	-550	534	-0.6504	-0.0072	0.1020
74	-654	655	-0.7854	-656	632	-0.7728	0.0126	0.1092
76	-625	626	-0.7506	-628	603	-0.7386	0.0120	0.0966
78	-619	620	-0.7434	-619	609	-0.7368	0.0066	0.0846
80	-582	583	-0.6990	-584	568	-0.6912	0.0078	0.0780
82	-520	522	-0.6252	-515	503	-0.6108	0.0144	0.0702

**SITE** JSF  
**INSTALLATION** JS31  
**DESCRIPTION**

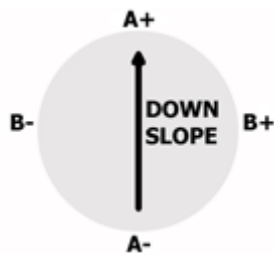
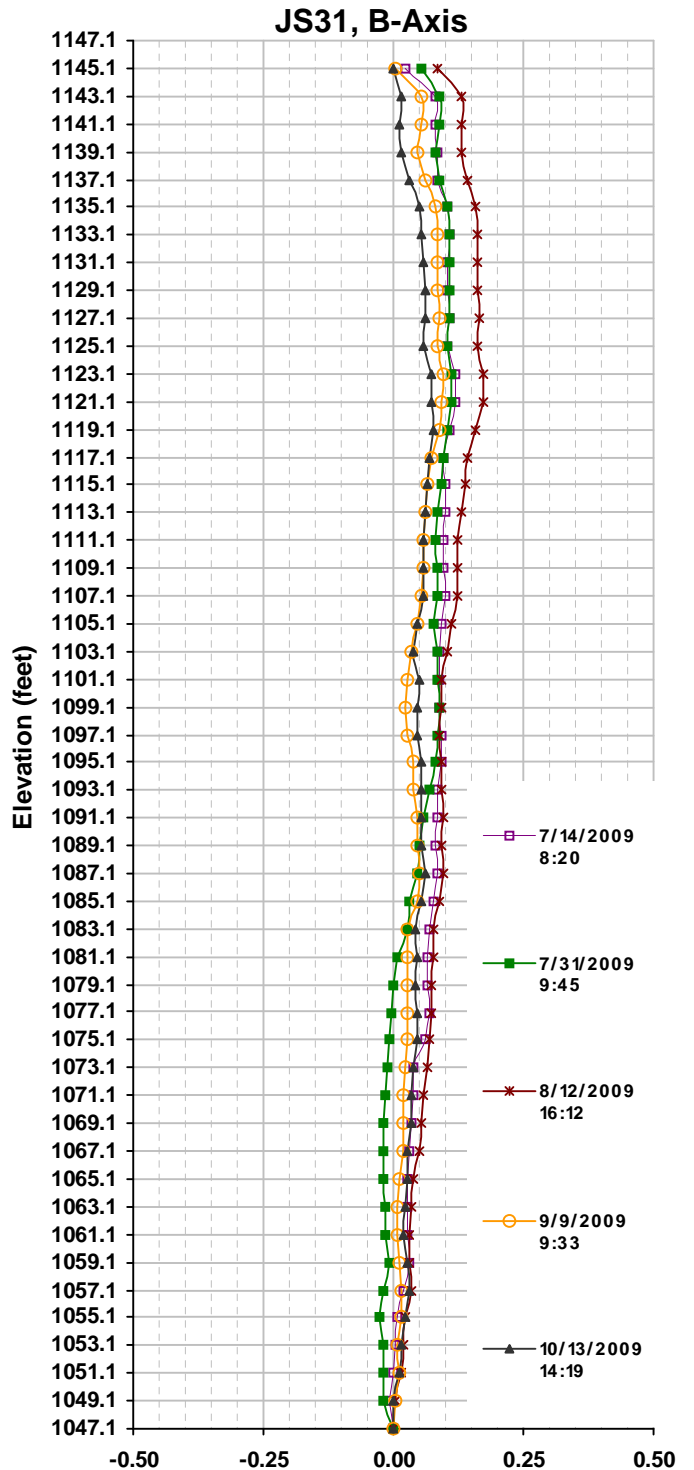
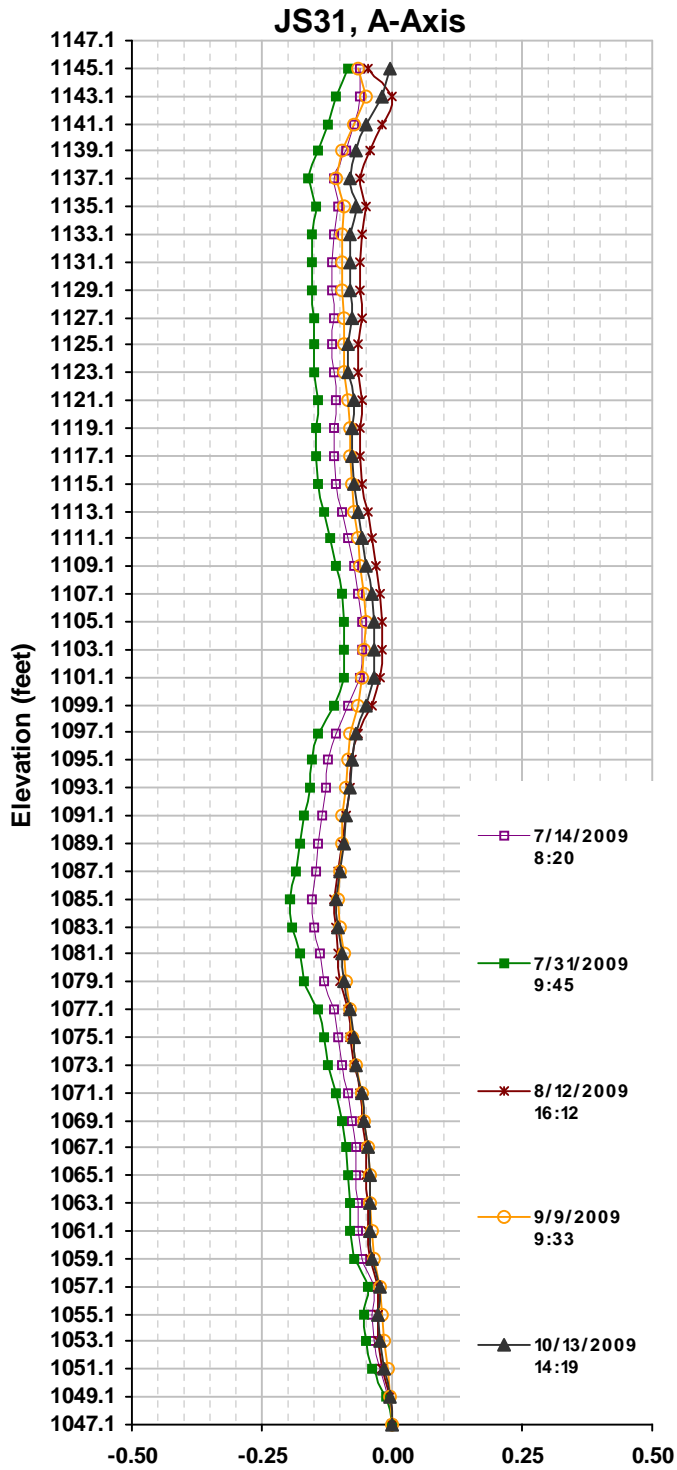
**CURRENT SURVEY** 1/13/2010 8:44:55 AM

**INITIAL SURVEY** 6/16/2009 5:53:00 PM

**DATE PRINTED** 1/13/2010 3:53:44 PM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
84	-407	407	-0.4884	-410	391	-0.4806	0.0078	0.0558
86	-299	300	-0.3594	-304	281	-0.3510	0.0084	0.0480
88	-200	201	-0.2406	-209	175	-0.2304	0.0102	0.0396
90	-135	135	-0.1620	-153	132	-0.1710	-0.0090	0.0294
92	-309	318	-0.3762	-325	319	-0.3864	-0.0102	0.0384
94	-510	508	-0.6108	-501	497	-0.5988	0.0120	0.0486
96	-344	346	-0.4140	-342	324	-0.3996	0.0144	0.0366
98	-227	228	-0.2730	-235	211	-0.2676	0.0054	0.0222
100	-143	143	-0.1716	-131	144	-0.1650	0.0066	0.0168
102	38	-35	0.0438	37	-53	0.0540	0.0102	0.0102
104	0	0	0.0000	0	0	0.0000	0.0000	0.0000



**John Sevier Fossil Plant**

**Rogersville, TN**

**175569038**

**10/15/2009**

**SITE** JSF  
**INSTALLATION** JS31  
**DESCRIPTION**

**CURRENT SURVEY** 7/14/2009 8:20:51 AM

**INITIAL SURVEY** 6/16/2009 5:53:00 PM

**DATE PRINTED** 10/15/2009 10:28:49 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
6	434	-446	0.5280	455	-423	0.5268	-0.0012	-0.0630
8	496	-514	0.6060	519	-513	0.6192	0.0132	-0.0618
10	465	-482	0.5682	490	-482	0.5832	0.0150	-0.0750
12	434	-448	0.5292	463	-454	0.5502	0.0210	-0.0900
14	288	-306	0.3564	294	-288	0.3492	-0.0072	-0.1110
16	99	-115	0.1284	119	-109	0.1368	0.0084	-0.1038
18	-35	16	-0.0306	-21	27	-0.0288	0.0018	-0.1122
20	-78	62	-0.0840	-67	73	-0.0840	0.0000	-0.1140
22	-171	155	-0.1956	-162	171	-0.1998	-0.0042	-0.1140
24	-197	177	-0.2244	-182	185	-0.2202	0.0042	-0.1098
26	-350	336	-0.4116	-340	347	-0.4122	-0.0006	-0.1140
28	-333	312	-0.3870	-325	330	-0.3930	-0.0060	-0.1134
30	-477	461	-0.5628	-462	471	-0.5598	0.0030	-0.1074
32	-614	596	-0.7260	-602	609	-0.7266	-0.0006	-0.1104
34	-676	660	-0.8016	-668	674	-0.8052	-0.0036	-0.1098
36	-562	548	-0.6660	-558	569	-0.6762	-0.0102	-0.1062
38	-413	394	-0.4842	-410	415	-0.4950	-0.0108	-0.0960
40	-237	220	-0.2742	-233	242	-0.2850	-0.0108	-0.0852
42	-38	21	-0.0354	-34	43	-0.0462	-0.0108	-0.0744
44	114	-131	0.1470	121	-115	0.1416	-0.0054	-0.0636
46	217	-233	0.2700	229	-219	0.2688	-0.0012	-0.0582
48	305	-323	0.3768	319	-316	0.3810	0.0042	-0.0570
50	258	-276	0.3204	289	-281	0.3420	0.0216	-0.0612
52	-90	74	-0.0984	-56	64	-0.0720	0.0264	-0.0828
54	-390	373	-0.4578	-367	374	-0.4446	0.0132	-0.1092
56	-439	424	-0.5178	-422	432	-0.5124	0.0054	-0.1224
58	-494	475	-0.5814	-475	481	-0.5736	0.0078	-0.1278
60	-576	560	-0.6816	-561	567	-0.6768	0.0048	-0.1356
62	-690	673	-0.8178	-673	681	-0.8124	0.0054	-0.1404
64	-893	871	-1.0584	-871	881	-1.0512	0.0072	-0.1458
66	-999	984	-1.1898	-992	999	-1.1946	-0.0048	-0.1530
68	-929	910	-1.1034	-923	931	-1.1124	-0.0090	-0.1482
70	-813	794	-0.9642	-806	815	-0.9726	-0.0084	-0.1392
72	-697	680	-0.8262	-697	710	-0.8442	-0.0180	-0.1308
74	-472	454	-0.5556	-468	475	-0.5658	-0.0102	-0.1128
76	-468	452	-0.5520	-462	471	-0.5598	-0.0078	-0.1026
78	-417	399	-0.4896	-415	419	-0.5004	-0.0108	-0.0948
80	-332	316	-0.3888	-327	334	-0.3966	-0.0078	-0.0840
82	-300	283	-0.3498	-294	299	-0.3558	-0.0060	-0.0762

**SITE** JSF  
**INSTALLATION** JS31  
**DESCRIPTION**

**CURRENT SURVEY** 7/14/2009 8:20:51 AM

**INITIAL SURVEY** 6/16/2009 5:53:00 PM

**DATE PRINTED** 10/15/2009 10:28:49 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
84	-312	295	-0.3642	-302	307	-0.3654	-0.0012	-0.0702
86	-343	329	-0.4032	-335	344	-0.4074	-0.0042	-0.0690
88	-374	355	-0.4374	-363	368	-0.4386	-0.0012	-0.0648
90	-370	353	-0.4338	-365	371	-0.4416	-0.0078	-0.0636
92	-169	149	-0.1908	-171	181	-0.2112	-0.0204	-0.0558
94	-94	74	-0.1008	-79	86	-0.0990	0.0018	-0.0354
96	-246	232	-0.2868	-236	246	-0.2892	-0.0024	-0.0372
98	-214	195	-0.2454	-211	215	-0.2556	-0.0102	-0.0348
100	8	-26	0.0204	8	-1	0.0054	-0.0150	-0.0246
102	262	-278	0.3240	266	-258	0.3144	-0.0096	-0.0096
104	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS31  
**DESCRIPTION**

**CURRENT SURVEY** 7/31/2009 9:45:19 AM

**INITIAL SURVEY** 6/16/2009 5:53:00 PM

**DATE PRINTED** 10/15/2009 10:28:49 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
6	434	-446	0.5280	463	-451	0.5484	0.0204	-0.0858
8	496	-514	0.6060	521	-514	0.6210	0.0150	-0.1062
10	465	-482	0.5682	495	-487	0.5892	0.0210	-0.1212
12	434	-448	0.5292	463	-451	0.5484	0.0192	-0.1422
14	288	-306	0.3564	290	-281	0.3426	-0.0138	-0.1614
16	99	-115	0.1284	116	-107	0.1338	0.0054	-0.1476
18	-35	16	-0.0306	-21	29	-0.0300	0.0006	-0.1530
20	-78	62	-0.0840	-66	76	-0.0852	-0.0012	-0.1536
22	-171	155	-0.1956	-161	172	-0.1998	-0.0042	-0.1524
24	-197	177	-0.2244	-182	187	-0.2214	0.0030	-0.1482
26	-350	336	-0.4116	-337	350	-0.4122	-0.0006	-0.1512
28	-333	312	-0.3870	-326	332	-0.3948	-0.0078	-0.1506
30	-477	461	-0.5628	-461	472	-0.5598	0.0030	-0.1428
32	-614	596	-0.7260	-600	610	-0.7260	0.0000	-0.1458
34	-676	660	-0.8016	-668	676	-0.8064	-0.0048	-0.1458
36	-562	548	-0.6660	-558	570	-0.6768	-0.0108	-0.1410
38	-413	394	-0.4842	-410	418	-0.4968	-0.0126	-0.1302
40	-237	220	-0.2742	-231	242	-0.2838	-0.0096	-0.1176
42	-38	21	-0.0354	-34	45	-0.0474	-0.0120	-0.1080
44	114	-131	0.1470	122	-114	0.1416	-0.0054	-0.0960
46	217	-233	0.2700	231	-219	0.2700	0.0000	-0.0906
48	305	-323	0.3768	319	-313	0.3792	0.0024	-0.0906
50	258	-276	0.3204	290	-277	0.3402	0.0198	-0.0930
52	-90	74	-0.0984	-55	60	-0.0690	0.0294	-0.1128
54	-390	373	-0.4578	-368	374	-0.4452	0.0126	-0.1422
56	-439	424	-0.5178	-422	433	-0.5130	0.0048	-0.1548
58	-494	475	-0.5814	-473	478	-0.5706	0.0108	-0.1596
60	-576	560	-0.6816	-558	567	-0.6750	0.0066	-0.1704
62	-690	673	-0.8178	-671	679	-0.8100	0.0078	-0.1770
64	-893	871	-1.0584	-869	876	-1.0470	0.0114	-0.1848
66	-999	984	-1.1898	-990	1001	-1.1946	-0.0048	-0.1962
68	-929	910	-1.1034	-929	935	-1.1184	-0.0150	-0.1914
70	-813	794	-0.9642	-807	815	-0.9732	-0.0090	-0.1764
72	-697	680	-0.8262	-701	715	-0.8496	-0.0234	-0.1674
74	-472	454	-0.5556	-470	477	-0.5682	-0.0126	-0.1440
76	-468	452	-0.5520	-462	472	-0.5604	-0.0084	-0.1314
78	-417	399	-0.4896	-418	425	-0.5058	-0.0162	-0.1230
80	-332	316	-0.3888	-329	336	-0.3990	-0.0102	-0.1068
82	-300	283	-0.3498	-295	303	-0.3588	-0.0090	-0.0966

**SITE** JSF  
**INSTALLATION** JS31  
**DESCRIPTION**

**CURRENT SURVEY** 7/31/2009 9:45:19 AM

**INITIAL SURVEY** 6/16/2009 5:53:00 PM

**DATE PRINTED** 10/15/2009 10:28:49 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
84	-312	295	-0.3642	-301	309	-0.3660	-0.0018	-0.0876
86	-343	329	-0.4032	-335	343	-0.4068	-0.0036	-0.0858
88	-374	355	-0.4374	-363	367	-0.4380	-0.0006	-0.0822
90	-370	353	-0.4338	-363	373	-0.4416	-0.0078	-0.0816
92	-169	149	-0.1908	-177	186	-0.2178	-0.0270	-0.0738
94	-94	74	-0.1008	-74	85	-0.0954	0.0054	-0.0468
96	-246	232	-0.2868	-234	246	-0.2880	-0.0012	-0.0522
98	-214	195	-0.2454	-214	218	-0.2592	-0.0138	-0.0510
100	8	-26	0.0204	2	10	-0.0048	-0.0252	-0.0372
102	262	-278	0.3240	265	-255	0.3120	-0.0120	-0.0120
104	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS31  
**DESCRIPTION**

**CURRENT SURVEY** 8/12/2009 4:12:33 PM

**INITIAL SURVEY** 6/16/2009 5:53:00 PM

**DATE PRINTED** 10/15/2009 10:28:49 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
6	434	-446	0.5280	412	-388	0.4800	-0.0480	-0.0462
8	496	-514	0.6060	524	-518	0.6252	0.0192	0.0018
10	465	-482	0.5682	499	-491	0.5940	0.0258	-0.0174
12	434	-448	0.5292	461	-451	0.5472	0.0180	-0.0432
14	288	-306	0.3564	291	-284	0.3450	-0.0114	-0.0612
16	99	-115	0.1284	119	-110	0.1374	0.0090	-0.0498
18	-35	16	-0.0306	-21	28	-0.0294	0.0012	-0.0588
20	-78	62	-0.0840	-66	72	-0.0828	0.0012	-0.0600
22	-171	155	-0.1956	-161	170	-0.1986	-0.0030	-0.0612
24	-197	177	-0.2244	-180	183	-0.2178	0.0066	-0.0582
26	-350	336	-0.4116	-338	348	-0.4116	0.0000	-0.0648
28	-333	312	-0.3870	-325	331	-0.3936	-0.0066	-0.0648
30	-477	461	-0.5628	-463	471	-0.5604	0.0024	-0.0582
32	-614	596	-0.7260	-601	610	-0.7266	-0.0006	-0.0606
34	-676	660	-0.8016	-667	674	-0.8046	-0.0030	-0.0600
36	-562	548	-0.6660	-558	568	-0.6756	-0.0096	-0.0570
38	-413	394	-0.4842	-407	413	-0.4920	-0.0078	-0.0474
40	-237	220	-0.2742	-231	240	-0.2826	-0.0084	-0.0396
42	-38	21	-0.0354	-33	42	-0.0450	-0.0096	-0.0312
44	114	-131	0.1470	123	-116	0.1434	-0.0036	-0.0216
46	217	-233	0.2700	229	-221	0.2700	0.0000	-0.0180
48	305	-323	0.3768	320	-314	0.3804	0.0036	-0.0180
50	258	-276	0.3204	287	-276	0.3378	0.0174	-0.0216
52	-90	74	-0.0984	-55	67	-0.0732	0.0252	-0.0390
54	-390	373	-0.4578	-369	376	-0.4470	0.0108	-0.0642
56	-439	424	-0.5178	-423	431	-0.5124	0.0054	-0.0750
58	-494	475	-0.5814	-474	480	-0.5724	0.0090	-0.0804
60	-576	560	-0.6816	-558	567	-0.6750	0.0066	-0.0894
62	-690	673	-0.8178	-672	679	-0.8106	0.0072	-0.0960
64	-893	871	-1.0584	-869	879	-1.0488	0.0096	-0.1032
66	-999	984	-1.1898	-990	999	-1.1934	-0.0036	-0.1128
68	-929	910	-1.1034	-922	926	-1.1088	-0.0054	-0.1092
70	-813	794	-0.9642	-805	810	-0.9690	-0.0048	-0.1038
72	-697	680	-0.8262	-695	705	-0.8400	-0.0138	-0.0990
74	-472	454	-0.5556	-465	470	-0.5610	-0.0054	-0.0852
76	-468	452	-0.5520	-461	470	-0.5586	-0.0066	-0.0798
78	-417	399	-0.4896	-414	419	-0.4998	-0.0102	-0.0732
80	-332	316	-0.3888	-326	332	-0.3948	-0.0060	-0.0630
82	-300	283	-0.3498	-293	299	-0.3552	-0.0054	-0.0570



**SITE** JSF  
**INSTALLATION** JS31  
**DESCRIPTION**

**CURRENT SURVEY** 8/12/2009 4:12:33 PM

**INITIAL SURVEY** 6/16/2009 5:53:00 PM

**DATE PRINTED** 10/15/2009 10:28:49 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
84	-312	295	-0.3642	-301	309	-0.3660	-0.0018	-0.0516
86	-343	329	-0.4032	-334	341	-0.4050	-0.0018	-0.0498
88	-374	355	-0.4374	-363	367	-0.4380	-0.0006	-0.0480
90	-370	353	-0.4338	-362	369	-0.4386	-0.0048	-0.0474
92	-169	149	-0.1908	-169	175	-0.2064	-0.0156	-0.0426
94	-94	74	-0.1008	-78	87	-0.0990	0.0018	-0.0270
96	-246	232	-0.2868	-237	246	-0.2898	-0.0030	-0.0288
98	-214	195	-0.2454	-209	214	-0.2538	-0.0084	-0.0258
100	8	-26	0.0204	11	-3	0.0084	-0.0120	-0.0174
102	262	-278	0.3240	270	-261	0.3186	-0.0054	-0.0054
104	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS31  
**DESCRIPTION**

**CURRENT SURVEY** 9/9/2009 9:33:32 AM

**INITIAL SURVEY** 6/16/2009 5:53:00 PM

**DATE PRINTED** 10/15/2009 10:28:49 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
6	434	-446	0.5280	434	-422	0.5136	-0.0144	-0.0636
8	496	-514	0.6060	529	-523	0.6312	0.0252	-0.0492
10	465	-482	0.5682	495	-490	0.5910	0.0228	-0.0744
12	434	-448	0.5292	454	-445	0.5394	0.0102	-0.0972
14	288	-306	0.3564	287	-281	0.3408	-0.0156	-0.1074
16	99	-115	0.1284	115	-107	0.1332	0.0048	-0.0918
18	-35	16	-0.0306	-23	29	-0.0312	-0.0006	-0.0966
20	-78	62	-0.0840	-67	74	-0.0846	-0.0006	-0.0960
22	-171	155	-0.1956	-163	170	-0.1998	-0.0042	-0.0954
24	-197	177	-0.2244	-184	186	-0.2220	0.0024	-0.0912
26	-350	336	-0.4116	-339	350	-0.4134	-0.0018	-0.0936
28	-333	312	-0.3870	-326	333	-0.3954	-0.0084	-0.0918
30	-477	461	-0.5628	-467	473	-0.5640	-0.0012	-0.0834
32	-614	596	-0.7260	-604	609	-0.7278	-0.0018	-0.0822
34	-676	660	-0.8016	-667	674	-0.8046	-0.0030	-0.0804
36	-562	548	-0.6660	-555	565	-0.6720	-0.0060	-0.0774
38	-413	394	-0.4842	-403	411	-0.4884	-0.0042	-0.0714
40	-237	220	-0.2742	-230	238	-0.2808	-0.0066	-0.0672
42	-38	21	-0.0354	-30	39	-0.0414	-0.0060	-0.0606
44	114	-131	0.1470	124	-116	0.1440	-0.0030	-0.0546
46	217	-233	0.2700	229	-223	0.2712	0.0012	-0.0516
48	305	-323	0.3768	319	-314	0.3798	0.0030	-0.0528
50	258	-276	0.3204	282	-271	0.3318	0.0114	-0.0558
52	-90	74	-0.0984	-67	73	-0.0840	0.0144	-0.0672
54	-390	373	-0.4578	-376	379	-0.4530	0.0048	-0.0816
56	-439	424	-0.5178	-425	433	-0.5148	0.0030	-0.0864
58	-494	475	-0.5814	-477	482	-0.5754	0.0060	-0.0894
60	-576	560	-0.6816	-563	569	-0.6792	0.0024	-0.0954
62	-690	673	-0.8178	-675	682	-0.8142	0.0036	-0.0978
64	-893	871	-1.0584	-876	883	-1.0554	0.0030	-0.1014
66	-999	984	-1.1898	-991	1002	-1.1958	-0.0060	-0.1044
68	-929	910	-1.1034	-921	929	-1.1100	-0.0066	-0.0984
70	-813	794	-0.9642	-803	811	-0.9684	-0.0042	-0.0918
72	-697	680	-0.8262	-689	702	-0.8346	-0.0084	-0.0876
74	-472	454	-0.5556	-463	469	-0.5592	-0.0036	-0.0792
76	-468	452	-0.5520	-462	470	-0.5592	-0.0072	-0.0756
78	-417	399	-0.4896	-414	417	-0.4986	-0.0090	-0.0684
80	-332	316	-0.3888	-326	331	-0.3942	-0.0054	-0.0594
82	-300	283	-0.3498	-295	299	-0.3564	-0.0066	-0.0540

**SITE** JSF  
**INSTALLATION** JS31  
**DESCRIPTION**

**CURRENT SURVEY** 9/9/2009 9:33:32 AM

**INITIAL SURVEY** 6/16/2009 5:53:00 PM

**DATE PRINTED** 10/15/2009 10:28:49 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
84	-312	295	-0.3642	-303	310	-0.3678	-0.0036	-0.0474
86	-343	329	-0.4032	-334	342	-0.4056	-0.0024	-0.0438
88	-374	355	-0.4374	-365	369	-0.4404	-0.0030	-0.0414
90	-370	353	-0.4338	-361	368	-0.4374	-0.0036	-0.0384
92	-169	149	-0.1908	-164	173	-0.2022	-0.0114	-0.0348
94	-94	74	-0.1008	-83	89	-0.1032	-0.0024	-0.0234
96	-246	232	-0.2868	-239	247	-0.2916	-0.0048	-0.0210
98	-214	195	-0.2454	-207	213	-0.2520	-0.0066	-0.0162
100	8	-26	0.0204	15	-10	0.0150	-0.0054	-0.0096
102	262	-278	0.3240	269	-264	0.3198	-0.0042	-0.0042
104	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS31  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 2:19:41 PM

**INITIAL SURVEY** 6/16/2009 5:53:00 PM

**DATE PRINTED** 10/15/2009 10:28:49 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
6	434	-446	0.5280	459	-448	0.5442	0.0162	-0.0042
8	496	-514	0.6060	533	-526	0.6354	0.0294	-0.0204
10	465	-482	0.5682	494	-486	0.5880	0.0198	-0.0498
12	434	-448	0.5292	457	-444	0.5406	0.0114	-0.0696
14	288	-306	0.3564	292	-285	0.3462	-0.0102	-0.0810
16	99	-115	0.1284	121	-109	0.1380	0.0096	-0.0708
18	-35	16	-0.0306	-23	30	-0.0318	-0.0012	-0.0804
20	-78	62	-0.0840	-65	74	-0.0834	0.0006	-0.0792
22	-171	155	-0.1956	-159	171	-0.1980	-0.0024	-0.0798
24	-197	177	-0.2244	-179	186	-0.2190	0.0054	-0.0774
26	-350	336	-0.4116	-336	348	-0.4104	0.0012	-0.0828
28	-333	312	-0.3870	-328	334	-0.3972	-0.0102	-0.0840
30	-477	461	-0.5628	-461	469	-0.5580	0.0048	-0.0738
32	-614	596	-0.7260	-602	609	-0.7266	-0.0006	-0.0786
34	-676	660	-0.8016	-667	674	-0.8046	-0.0030	-0.0780
36	-562	548	-0.6660	-558	567	-0.6750	-0.0090	-0.0750
38	-413	394	-0.4842	-409	413	-0.4932	-0.0090	-0.0660
40	-237	220	-0.2742	-231	239	-0.2820	-0.0078	-0.0570
42	-38	21	-0.0354	-35	43	-0.0468	-0.0114	-0.0492
44	114	-131	0.1470	123	-114	0.1422	-0.0048	-0.0378
46	217	-233	0.2700	230	-220	0.2700	0.0000	-0.0330
48	305	-323	0.3768	320	-313	0.3798	0.0030	-0.0330
50	258	-276	0.3204	284	-275	0.3354	0.0150	-0.0360
52	-90	74	-0.0984	-62	73	-0.0810	0.0174	-0.0510
54	-390	373	-0.4578	-373	378	-0.4506	0.0072	-0.0684
56	-439	424	-0.5178	-422	433	-0.5130	0.0048	-0.0756
58	-494	475	-0.5814	-475	481	-0.5736	0.0078	-0.0804
60	-576	560	-0.6816	-560	569	-0.6774	0.0042	-0.0882
62	-690	673	-0.8178	-672	681	-0.8118	0.0060	-0.0924
64	-893	871	-1.0584	-871	879	-1.0500	0.0084	-0.0984
66	-999	984	-1.1898	-991	999	-1.1940	-0.0042	-0.1068
68	-929	910	-1.1034	-920	929	-1.1094	-0.0060	-0.1026
70	-813	794	-0.9642	-803	811	-0.9684	-0.0042	-0.0966
72	-697	680	-0.8262	-692	706	-0.8388	-0.0126	-0.0924
74	-472	454	-0.5556	-464	471	-0.5610	-0.0054	-0.0798
76	-468	452	-0.5520	-460	471	-0.5586	-0.0066	-0.0744
78	-417	399	-0.4896	-414	420	-0.5004	-0.0108	-0.0678
80	-332	316	-0.3888	-325	331	-0.3936	-0.0048	-0.0570
82	-300	283	-0.3498	-293	300	-0.3558	-0.0060	-0.0522

**SITE** JSF  
**INSTALLATION** JS31  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 2:19:41 PM

**INITIAL SURVEY** 6/16/2009 5:53:00 PM

**DATE PRINTED** 10/15/2009 10:28:49 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
84	-312	295	-0.3642	-301	310	-0.3666	-0.0024	-0.0462
86	-343	329	-0.4032	-333	343	-0.4056	-0.0024	-0.0438
88	-374	355	-0.4374	-362	368	-0.4380	-0.0006	-0.0414
90	-370	353	-0.4338	-361	369	-0.4380	-0.0042	-0.0408
92	-169	149	-0.1908	-164	174	-0.2028	-0.0120	-0.0366
94	-94	74	-0.1008	-79	87	-0.0996	0.0012	-0.0246
96	-246	232	-0.2868	-237	248	-0.2910	-0.0042	-0.0258
98	-214	195	-0.2454	-207	214	-0.2526	-0.0072	-0.0216
100	8	-26	0.0204	14	-5	0.0114	-0.0090	-0.0144
102	262	-278	0.3240	270	-261	0.3186	-0.0054	-0.0054
104	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS31  
**DESCRIPTION**

**CURRENT SURVEY** 7/14/2009 8:20:51 AM

**INITIAL SURVEY** 6/16/2009 5:53:00 PM

**DATE PRINTED** 10/15/2009 10:28:57 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
6	319	-323	0.3852	299	-247	0.3276	-0.0576	0.0240
8	196	-198	0.2364	223	-170	0.2358	-0.0006	0.0816
10	141	-140	0.1686	165	-115	0.1680	-0.0006	0.0822
12	67	-66	0.0798	93	-34	0.0762	-0.0036	0.0828
14	-17	18	-0.0210	-11	53	-0.0384	-0.0174	0.0864
16	-107	109	-0.1296	-86	134	-0.1320	-0.0024	0.1038
18	-197	197	-0.2364	-170	223	-0.2358	0.0006	0.1062
20	-227	229	-0.2736	-199	257	-0.2736	0.0000	0.1056
22	-266	270	-0.3216	-236	301	-0.3222	-0.0006	0.1056
24	-291	292	-0.3498	-269	313	-0.3492	0.0006	0.1062
26	-328	331	-0.3954	-322	357	-0.4074	-0.0120	0.1056
28	-469	473	-0.5652	-449	494	-0.5658	-0.0006	0.1176
30	-487	489	-0.5856	-462	499	-0.5766	0.0090	0.1182
32	-375	379	-0.4524	-349	385	-0.4404	0.0120	0.1092
34	-235	232	-0.2802	-219	255	-0.2844	-0.0042	0.0972
36	-213	213	-0.2556	-187	239	-0.2556	0.0000	0.1014
38	-142	142	-0.1704	-114	159	-0.1638	0.0066	0.1014
40	-12	10	-0.0132	16	42	-0.0156	-0.0024	0.0948
42	19	-16	0.0210	43	14	0.0174	-0.0036	0.0972
44	63	-65	0.0768	87	-54	0.0846	0.0078	0.1008
46	256	-252	0.3048	272	-241	0.3078	0.0030	0.0930
48	440	-440	0.5280	461	-423	0.5304	0.0024	0.0900
50	614	-612	0.7356	636	-586	0.7332	-0.0024	0.0876
52	702	-698	0.8400	732	-666	0.8388	-0.0012	0.0900
54	649	-652	0.7806	670	-629	0.7794	-0.0012	0.0912
56	507	-502	0.6054	524	-497	0.6126	0.0072	0.0924
58	356	-353	0.4254	371	-337	0.4248	-0.0006	0.0852
60	188	-185	0.2238	216	-165	0.2286	0.0048	0.0858
62	64	-61	0.0750	77	-41	0.0708	-0.0042	0.0810
64	-225	231	-0.2736	-205	234	-0.2634	0.0102	0.0852
66	-255	252	-0.3042	-221	275	-0.2976	0.0066	0.0750
68	-339	341	-0.4080	-326	352	-0.4068	0.0012	0.0684
70	-542	546	-0.6528	-513	569	-0.6492	0.0036	0.0672
72	-535	537	-0.6432	-519	560	-0.6474	-0.0042	0.0636
74	-654	655	-0.7854	-622	675	-0.7782	0.0072	0.0678
76	-625	626	-0.7506	-598	619	-0.7302	0.0204	0.0606
78	-619	620	-0.7434	-591	645	-0.7416	0.0018	0.0402
80	-582	583	-0.6990	-551	610	-0.6966	0.0024	0.0384
82	-520	522	-0.6252	-490	545	-0.6210	0.0042	0.0360

**SITE** JSF  
**INSTALLATION** JS31  
**DESCRIPTION**

**CURRENT SURVEY** 7/14/2009 8:20:51 AM  
**INITIAL SURVEY** 6/16/2009 5:53:00 PM  
**DATE PRINTED** 10/15/2009 10:28:57 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
84	-407	407	-0.4884	-385	423	-0.4848	0.0036	0.0318
86	-299	300	-0.3594	-278	322	-0.3600	-0.0006	0.0282
88	-200	201	-0.2406	-174	225	-0.2394	0.0012	0.0288
90	-135	135	-0.1620	-114	160	-0.1644	-0.0024	0.0276
92	-309	318	-0.3762	-294	317	-0.3666	0.0096	0.0300
94	-510	508	-0.6108	-482	518	-0.6000	0.0108	0.0204
96	-344	346	-0.4140	-320	362	-0.4092	0.0048	0.0096
98	-227	228	-0.2730	-201	248	-0.2694	0.0036	0.0048
100	-143	143	-0.1716	-118	154	-0.1632	0.0084	0.0012
102	38	-35	0.0438	43	-18	0.0366	-0.0072	-0.0072
104	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS31  
**DESCRIPTION**

**CURRENT SURVEY** 7/31/2009 9:45:19 AM

**INITIAL SURVEY** 6/16/2009 5:53:00 PM

**DATE PRINTED** 10/15/2009 10:28:57 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
6	319	-323	0.3852	299	-281	0.3480	-0.0372	0.0528
8	196	-198	0.2364	218	-178	0.2376	0.0012	0.0900
10	141	-140	0.1686	164	-131	0.1770	0.0084	0.0888
12	67	-66	0.0798	82	-40	0.0732	-0.0066	0.0804
14	-17	18	-0.0210	-18	45	-0.0378	-0.0168	0.0870
16	-107	109	-0.1296	-94	129	-0.1338	-0.0042	0.1038
18	-197	197	-0.2364	-179	215	-0.2364	0.0000	0.1080
20	-227	229	-0.2736	-207	246	-0.2718	0.0018	0.1080
22	-266	270	-0.3216	-247	292	-0.3234	-0.0018	0.1062
24	-291	292	-0.3498	-278	299	-0.3462	0.0036	0.1080
26	-328	331	-0.3954	-326	348	-0.4044	-0.0090	0.1044
28	-469	473	-0.5652	-454	484	-0.5628	0.0024	0.1134
30	-487	489	-0.5856	-466	499	-0.5790	0.0066	0.1110
32	-375	379	-0.4524	-362	380	-0.4452	0.0072	0.1044
34	-235	232	-0.2802	-212	245	-0.2742	0.0060	0.0972
36	-213	213	-0.2556	-190	226	-0.2496	0.0060	0.0912
38	-142	142	-0.1704	-123	153	-0.1656	0.0048	0.0852
40	-12	10	-0.0132	6	33	-0.0162	-0.0030	0.0804
42	19	-16	0.0210	39	5	0.0204	-0.0006	0.0834
44	63	-65	0.0768	77	-65	0.0852	0.0084	0.0840
46	256	-252	0.3048	247	-249	0.2976	-0.0072	0.0756
48	440	-440	0.5280	449	-431	0.5280	0.0000	0.0828
50	614	-612	0.7356	625	-594	0.7314	-0.0042	0.0828
52	702	-698	0.8400	726	-678	0.8424	0.0024	0.0870
54	649	-652	0.7806	667	-641	0.7848	0.0042	0.0846
56	507	-502	0.6054	519	-511	0.6180	0.0126	0.0804
58	356	-353	0.4254	366	-359	0.4350	0.0096	0.0678
60	188	-185	0.2238	208	-178	0.2316	0.0078	0.0582
62	64	-61	0.0750	71	-58	0.0774	0.0024	0.0504
64	-225	231	-0.2736	-207	223	-0.2580	0.0156	0.0480
66	-255	252	-0.3042	-235	261	-0.2976	0.0066	0.0324
68	-339	341	-0.4080	-321	328	-0.3894	0.0186	0.0258
70	-542	546	-0.6528	-523	554	-0.6462	0.0066	0.0072
72	-535	537	-0.6432	-519	547	-0.6396	0.0036	0.0006
74	-654	655	-0.7854	-629	673	-0.7812	0.0042	-0.0030
76	-625	626	-0.7506	-607	639	-0.7476	0.0030	-0.0072
78	-619	620	-0.7434	-597	635	-0.7392	0.0042	-0.0102
80	-582	583	-0.6990	-558	601	-0.6954	0.0036	-0.0144
82	-520	522	-0.6252	-509	533	-0.6252	0.0000	-0.0180



**SITE** JSF  
**INSTALLATION** JS31  
**DESCRIPTION**

**CURRENT SURVEY** 7/31/2009 9:45:19 AM

**INITIAL SURVEY** 6/16/2009 5:53:00 PM

**DATE PRINTED** 10/15/2009 10:28:57 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
84	-407	407	-0.4884	-393	419	-0.4872	0.0012	-0.0180
86	-299	300	-0.3594	-284	319	-0.3618	-0.0024	-0.0192
88	-200	201	-0.2406	-187	219	-0.2436	-0.0030	-0.0168
90	-135	135	-0.1620	-130	152	-0.1692	-0.0072	-0.0138
92	-309	318	-0.3762	-293	311	-0.3624	0.0138	-0.0066
94	-510	508	-0.6108	-492	516	-0.6048	0.0060	-0.0204
96	-344	346	-0.4140	-342	360	-0.4212	-0.0072	-0.0264
98	-227	228	-0.2730	-210	245	-0.2730	0.0000	-0.0192
100	-143	143	-0.1716	-139	149	-0.1728	-0.0012	-0.0192
102	38	-35	0.0438	16	-27	0.0258	-0.0180	-0.0180
104	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS31  
**DESCRIPTION**

**CURRENT SURVEY** 8/12/2009 4:12:33 PM

**INITIAL SURVEY** 6/16/2009 5:53:00 PM

**DATE PRINTED** 10/15/2009 10:28:57 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
6	319	-323	0.3852	318	-247	0.3390	-0.0462	0.0846
8	196	-198	0.2364	222	-171	0.2358	-0.0006	0.1308
10	141	-140	0.1686	164	-119	0.1698	0.0012	0.1314
12	67	-66	0.0798	85	-31	0.0696	-0.0102	0.1302
14	-17	18	-0.0210	-12	54	-0.0396	-0.0186	0.1404
16	-107	109	-0.1296	-86	135	-0.1326	-0.0030	0.1590
18	-197	197	-0.2364	-171	225	-0.2376	-0.0012	0.1620
20	-227	229	-0.2736	-200	255	-0.2730	0.0006	0.1632
22	-266	270	-0.3216	-238	301	-0.3234	-0.0018	0.1626
24	-291	292	-0.3498	-268	309	-0.3462	0.0036	0.1644
26	-328	331	-0.3954	-322	358	-0.4080	-0.0126	0.1608
28	-469	473	-0.5652	-448	492	-0.5640	0.0012	0.1734
30	-487	489	-0.5856	-455	497	-0.5712	0.0144	0.1722
32	-375	379	-0.4524	-347	382	-0.4374	0.0150	0.1578
34	-235	232	-0.2802	-204	253	-0.2742	0.0060	0.1428
36	-213	213	-0.2556	-181	237	-0.2508	0.0048	0.1368
38	-142	142	-0.1704	-110	157	-0.1602	0.0102	0.1320
40	-12	10	-0.0132	17	39	-0.0132	0.0000	0.1218
42	19	-16	0.0210	49	13	0.0216	0.0006	0.1218
44	63	-65	0.0768	88	-58	0.0876	0.0108	0.1212
46	256	-252	0.3048	278	-243	0.3126	0.0078	0.1104
48	440	-440	0.5280	463	-431	0.5364	0.0084	0.1026
50	614	-612	0.7356	639	-591	0.7380	0.0024	0.0942
52	702	-698	0.8400	735	-670	0.8430	0.0030	0.0918
54	649	-652	0.7806	667	-629	0.7776	-0.0030	0.0888
56	507	-502	0.6054	522	-484	0.6036	-0.0018	0.0918
58	356	-353	0.4254	369	-335	0.4224	-0.0030	0.0936
60	188	-185	0.2238	213	-167	0.2280	0.0042	0.0966
62	64	-61	0.0750	74	-43	0.0702	-0.0048	0.0924
64	-225	231	-0.2736	-203	240	-0.2658	0.0078	0.0972
66	-255	252	-0.3042	-217	270	-0.2922	0.0120	0.0894
68	-339	341	-0.4080	-324	356	-0.4080	0.0000	0.0774
70	-542	546	-0.6528	-511	568	-0.6474	0.0054	0.0774
72	-535	537	-0.6432	-517	558	-0.6450	-0.0018	0.0720
74	-654	655	-0.7854	-621	681	-0.7812	0.0042	0.0738
76	-625	626	-0.7506	-594	648	-0.7452	0.0054	0.0696
78	-619	620	-0.7434	-587	643	-0.7380	0.0054	0.0642
80	-582	583	-0.6990	-551	607	-0.6948	0.0042	0.0588
82	-520	522	-0.6252	-491	541	-0.6192	0.0060	0.0546

**SITE** JSF  
**INSTALLATION** JS31  
**DESCRIPTION**

**CURRENT SURVEY** 8/12/2009 4:12:33 PM  
**INITIAL SURVEY** 6/16/2009 5:53:00 PM  
**DATE PRINTED** 10/15/2009 10:28:57 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
84	-407	407	-0.4884	-379	419	-0.4788	0.0096	0.0486
86	-299	300	-0.3594	-270	322	-0.3552	0.0042	0.0390
88	-200	201	-0.2406	-170	222	-0.2352	0.0054	0.0348
90	-135	135	-0.1620	-114	160	-0.1644	-0.0024	0.0294
92	-309	318	-0.3762	-298	333	-0.3786	-0.0024	0.0318
94	-510	508	-0.6108	-483	519	-0.6012	0.0096	0.0342
96	-344	346	-0.4140	-317	362	-0.4074	0.0066	0.0246
98	-227	228	-0.2730	-199	250	-0.2694	0.0036	0.0180
100	-143	143	-0.1716	-118	151	-0.1614	0.0102	0.0144
102	38	-35	0.0438	54	-26	0.0480	0.0042	0.0042
104	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS31  
**DESCRIPTION**

**CURRENT SURVEY** 9/9/2009 9:33:32 AM

**INITIAL SURVEY** 6/16/2009 5:53:00 PM

**DATE PRINTED** 10/15/2009 10:28:57 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
6	319	-323	0.3852	310	-248	0.3348	-0.0504	0.0024
8	196	-198	0.2364	226	-169	0.2370	0.0006	0.0528
10	141	-140	0.1686	169	-122	0.1746	0.0060	0.0522
12	67	-66	0.0798	82	-26	0.0648	-0.0150	0.0462
14	-17	18	-0.0210	-10	55	-0.0390	-0.0180	0.0612
16	-107	109	-0.1296	-87	135	-0.1332	-0.0036	0.0792
18	-197	197	-0.2364	-171	226	-0.2382	-0.0018	0.0828
20	-227	229	-0.2736	-200	258	-0.2748	-0.0012	0.0846
22	-266	270	-0.3216	-236	303	-0.3234	-0.0018	0.0858
24	-291	292	-0.3498	-268	310	-0.3468	0.0030	0.0876
26	-328	331	-0.3954	-321	359	-0.4080	-0.0126	0.0846
28	-469	473	-0.5652	-448	489	-0.5622	0.0030	0.0972
30	-487	489	-0.5856	-453	511	-0.5784	0.0072	0.0942
32	-375	379	-0.4524	-342	390	-0.4392	0.0132	0.0870
34	-235	232	-0.2802	-202	254	-0.2736	0.0066	0.0738
36	-213	213	-0.2556	-179	238	-0.2502	0.0054	0.0672
38	-142	142	-0.1704	-113	161	-0.1644	0.0060	0.0618
40	-12	10	-0.0132	17	41	-0.0144	-0.0012	0.0558
42	19	-16	0.0210	50	11	0.0234	0.0024	0.0570
44	63	-65	0.0768	88	-55	0.0858	0.0090	0.0546
46	256	-252	0.3048	280	-246	0.3156	0.0108	0.0456
48	440	-440	0.5280	466	-430	0.5376	0.0096	0.0348
50	614	-612	0.7356	641	-589	0.7380	0.0024	0.0252
52	702	-698	0.8400	721	-669	0.8340	-0.0060	0.0228
54	649	-652	0.7806	662	-625	0.7722	-0.0084	0.0288
56	507	-502	0.6054	522	-487	0.6054	0.0000	0.0372
58	356	-353	0.4254	366	-331	0.4182	-0.0072	0.0372
60	188	-185	0.2238	204	-163	0.2202	-0.0036	0.0444
62	64	-61	0.0750	74	-49	0.0738	-0.0012	0.0480
64	-225	231	-0.2736	-207	241	-0.2688	0.0048	0.0492
66	-255	252	-0.3042	-220	258	-0.2868	0.0174	0.0444
68	-339	341	-0.4080	-323	358	-0.4086	-0.0006	0.0270
70	-542	546	-0.6528	-514	570	-0.6504	0.0024	0.0276
72	-535	537	-0.6432	-522	554	-0.6456	-0.0024	0.0252
74	-654	655	-0.7854	-625	683	-0.7848	0.0006	0.0276
76	-625	626	-0.7506	-597	645	-0.7452	0.0054	0.0270
78	-619	620	-0.7434	-590	644	-0.7404	0.0030	0.0216
80	-582	583	-0.6990	-555	609	-0.6984	0.0006	0.0186
82	-520	522	-0.6252	-500	542	-0.6252	0.0000	0.0180

**SITE** JSF  
**INSTALLATION** JS31  
**DESCRIPTION**

**CURRENT SURVEY** 9/9/2009 9:33:32 AM

**INITIAL SURVEY** 6/16/2009 5:53:00 PM

**DATE PRINTED** 10/15/2009 10:28:57 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
84	-407	407	-0.4884	-381	422	-0.4818	0.0066	0.0180
86	-299	300	-0.3594	-273	323	-0.3576	0.0018	0.0114
88	-200	201	-0.2406	-177	221	-0.2388	0.0018	0.0096
90	-135	135	-0.1620	-117	161	-0.1668	-0.0048	0.0078
92	-309	318	-0.3762	-305	329	-0.3804	-0.0042	0.0126
94	-510	508	-0.6108	-497	519	-0.6096	0.0012	0.0168
96	-344	346	-0.4140	-314	362	-0.4056	0.0084	0.0156
98	-227	228	-0.2730	-211	251	-0.2772	-0.0042	0.0072
100	-143	143	-0.1716	-120	151	-0.1626	0.0090	0.0114
102	38	-35	0.0438	52	-25	0.0462	0.0024	0.0024
104	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS31  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 2:19:41 PM

**INITIAL SURVEY** 6/16/2009 5:53:00 PM

**DATE PRINTED** 10/15/2009 10:28:57 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
6	319	-323	0.3852	335	-282	0.3702	-0.0150	-0.0012
8	196	-198	0.2364	225	-173	0.2388	0.0024	0.0138
10	141	-140	0.1686	165	-111	0.1656	-0.0030	0.0114
12	67	-66	0.0798	80	-26	0.0636	-0.0162	0.0144
14	-17	18	-0.0210	-17	49	-0.0396	-0.0186	0.0306
16	-107	109	-0.1296	-88	135	-0.1338	-0.0042	0.0492
18	-197	197	-0.2364	-175	226	-0.2406	-0.0042	0.0534
20	-227	229	-0.2736	-203	257	-0.2760	-0.0024	0.0576
22	-266	270	-0.3216	-244	297	-0.3246	-0.0030	0.0600
24	-291	292	-0.3498	-269	308	-0.3462	0.0036	0.0630
26	-328	331	-0.3954	-323	360	-0.4098	-0.0144	0.0594
28	-469	473	-0.5652	-446	495	-0.5646	0.0006	0.0738
30	-487	489	-0.5856	-469	510	-0.5874	-0.0018	0.0732
32	-375	379	-0.4524	-354	392	-0.4476	0.0048	0.0750
34	-235	232	-0.2802	-205	254	-0.2754	0.0048	0.0702
36	-213	213	-0.2556	-182	239	-0.2526	0.0030	0.0654
38	-142	142	-0.1704	-113	160	-0.1638	0.0066	0.0624
40	-12	10	-0.0132	17	41	-0.0144	-0.0012	0.0558
42	19	-16	0.0210	48	14	0.0204	-0.0006	0.0570
44	63	-65	0.0768	91	-57	0.0888	0.0120	0.0576
46	256	-252	0.3048	278	-244	0.3132	0.0084	0.0456
48	440	-440	0.5280	437	-423	0.5160	-0.0120	0.0372
50	614	-612	0.7356	641	-588	0.7374	0.0018	0.0492
52	702	-698	0.8400	725	-679	0.8424	0.0024	0.0474
54	649	-652	0.7806	662	-626	0.7728	-0.0078	0.0450
56	507	-502	0.6054	522	-486	0.6048	-0.0006	0.0528
58	356	-353	0.4254	366	-344	0.4260	0.0006	0.0534
60	188	-185	0.2238	209	-163	0.2232	-0.0006	0.0528
62	64	-61	0.0750	70	-42	0.0672	-0.0078	0.0534
64	-225	231	-0.2736	-209	233	-0.2652	0.0084	0.0612
66	-255	252	-0.3042	-219	270	-0.2934	0.0108	0.0528
68	-339	341	-0.4080	-329	358	-0.4122	-0.0042	0.0420
70	-542	546	-0.6528	-522	562	-0.6504	0.0024	0.0462
72	-535	537	-0.6432	-521	557	-0.6468	-0.0036	0.0438
74	-654	655	-0.7854	-627	681	-0.7848	0.0006	0.0474
76	-625	626	-0.7506	-597	638	-0.7410	0.0096	0.0468
78	-619	620	-0.7434	-590	643	-0.7398	0.0036	0.0372
80	-582	583	-0.6990	-558	607	-0.6990	0.0000	0.0336
82	-520	522	-0.6252	-491	540	-0.6186	0.0066	0.0336

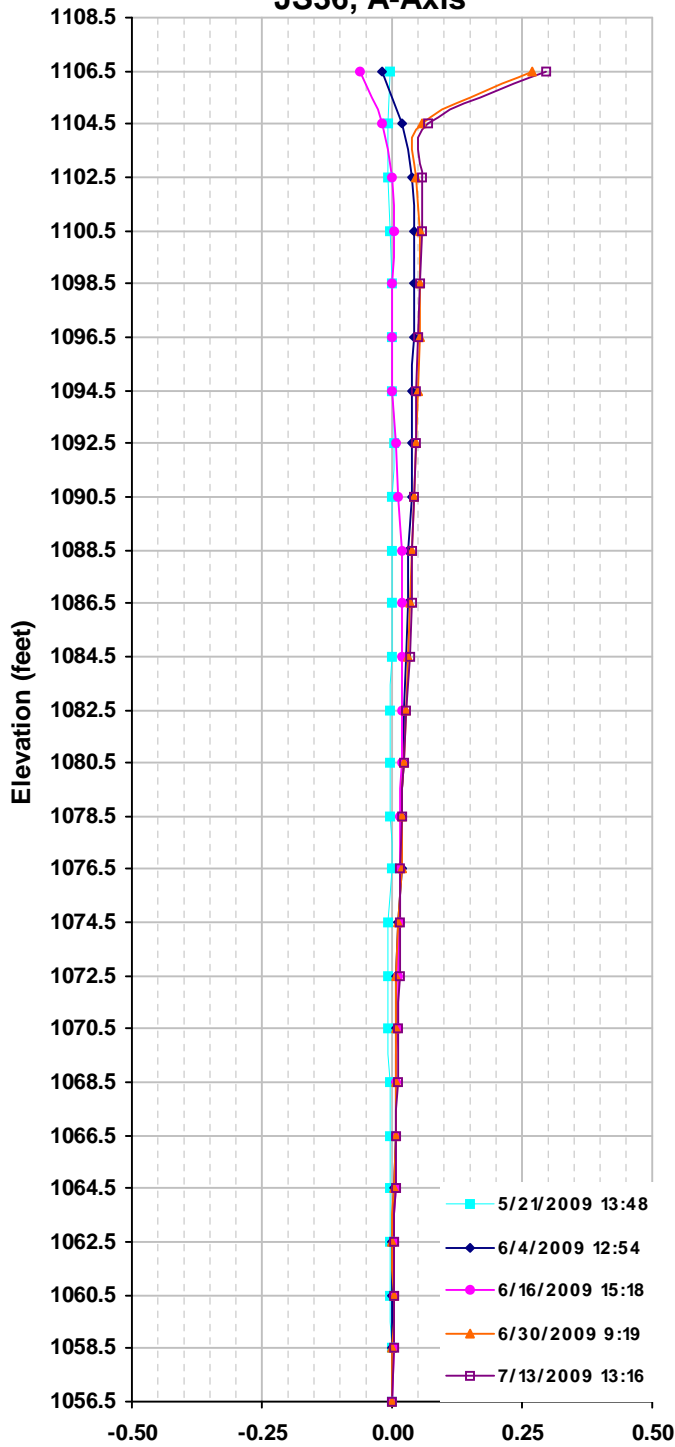
**SITE** JSF  
**INSTALLATION** JS31  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 2:19:41 PM  
**INITIAL SURVEY** 6/16/2009 5:53:00 PM  
**DATE PRINTED** 10/15/2009 10:28:58 AM

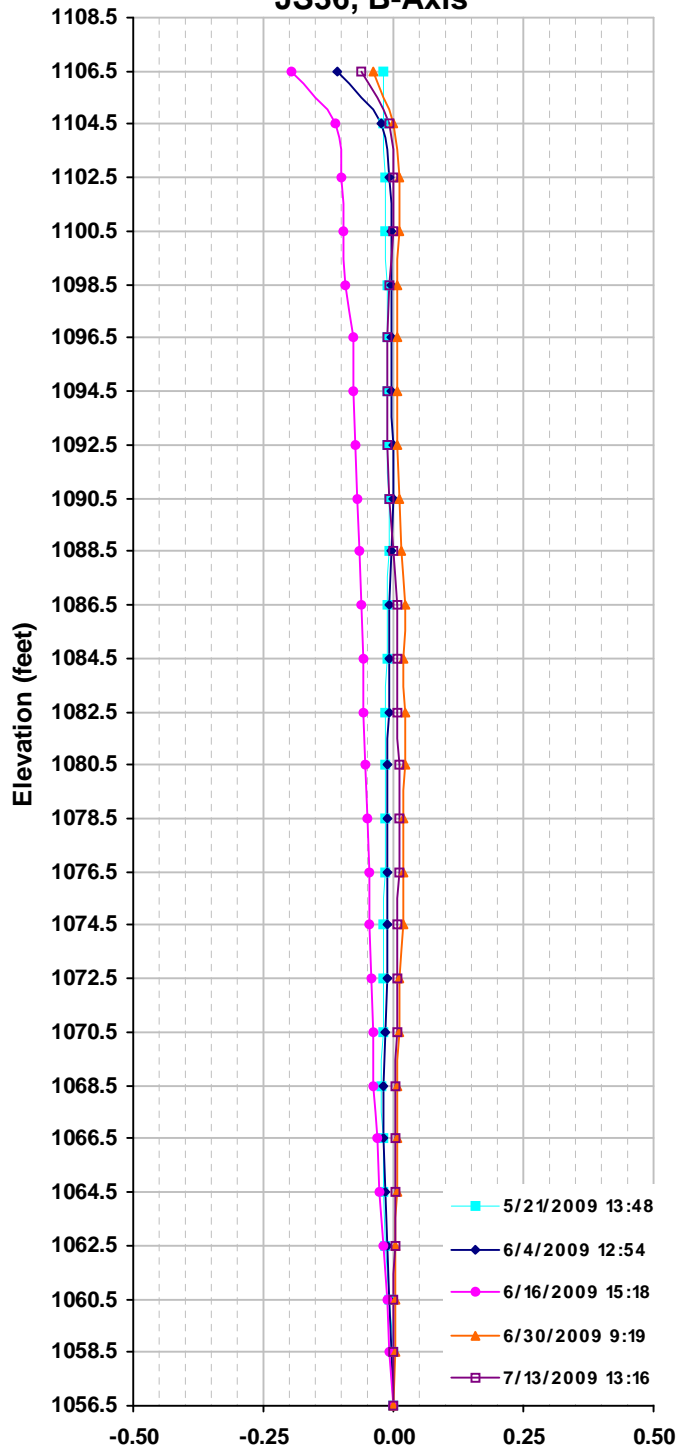
Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
84	-407	407	-0.4884	-390	421	-0.4866	0.0018	0.0270
86	-299	300	-0.3594	-272	322	-0.3564	0.0030	0.0252
88	-200	201	-0.2406	-177	220	-0.2382	0.0024	0.0222
90	-135	135	-0.1620	-118	161	-0.1674	-0.0054	0.0198
92	-309	318	-0.3762	-302	334	-0.3816	-0.0054	0.0252
94	-510	508	-0.6108	-486	518	-0.6024	0.0084	0.0306
96	-344	346	-0.4140	-318	361	-0.4074	0.0066	0.0222
98	-227	228	-0.2730	-199	250	-0.2694	0.0036	0.0156
100	-143	143	-0.1716	-119	150	-0.1614	0.0102	0.0120
102	38	-35	0.0438	54	-22	0.0456	0.0018	0.0018
104	0	0	0.0000	0	0	0.0000	0.0000	0.0000

JS36, A-Axis

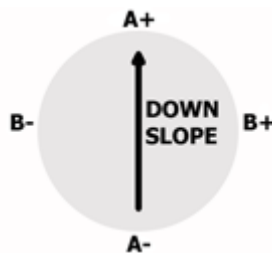


JS36, B-Axis



Cumulative Displacement (in) from 5/19/2009

Cumulative Displacement (in) from 5/19/2009



John Sevier Fossil Plant

Rogersville, TN

175569038

7/16/2009



**SITE** JSF  
**INSTALLATION** JS36  
**DESCRIPTION**

**CURRENT SURVEY** 5/21/2009 1:48:54 PM

**INITIAL SURVEY** 5/19/2009 6:39:07 AM

**DATE PRINTED** 7/15/2009 10:06:56 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	407	-381	0.4728	409	-383	0.4752	0.0024	-0.0042
4	310	-284	0.3564	311	-282	0.3558	-0.0006	-0.0066
6	246	-222	0.2808	243	-219	0.2772	-0.0036	-0.0060
8	289	-260	0.3294	287	-260	0.3282	-0.0012	-0.0024
10	353	-325	0.4068	353	-324	0.4062	-0.0006	-0.0012
12	313	-287	0.3600	313	-286	0.3594	-0.0006	-0.0006
14	259	-234	0.2958	258	-231	0.2934	-0.0024	0.0000
16	125	-101	0.1356	126	-102	0.1368	0.0012	0.0024
18	-14	36	-0.0300	-11	37	-0.0288	0.0012	0.0012
20	-174	197	-0.2226	-173	197	-0.2220	0.0006	0.0000
22	-250	270	-0.3120	-247	271	-0.3108	0.0012	-0.0006
24	-261	287	-0.3288	-260	287	-0.3282	0.0006	-0.0018
26	-328	351	-0.4074	-327	352	-0.4074	0.0000	-0.0024
28	-334	358	-0.4152	-333	359	-0.4152	0.0000	-0.0024
30	-316	339	-0.3930	-315	341	-0.3936	-0.0006	-0.0024
32	-489	513	-0.6012	-484	509	-0.5958	0.0054	-0.0018
34	-546	572	-0.6708	-545	573	-0.6708	0.0000	-0.0072
36	-575	601	-0.7056	-577	601	-0.7068	-0.0012	-0.0072
38	-553	578	-0.6786	-553	579	-0.6792	-0.0006	-0.0060
40	-548	572	-0.6720	-550	574	-0.6744	-0.0024	-0.0054
42	-630	655	-0.7710	-629	653	-0.7692	0.0018	-0.0030
44	-667	692	-0.8154	-666	693	-0.8154	0.0000	-0.0048
46	-705	730	-0.8610	-706	733	-0.8634	-0.0024	-0.0048
48	-689	715	-0.8424	-690	717	-0.8442	-0.0018	-0.0024
50	-671	699	-0.8220	-672	699	-0.8226	-0.0006	-0.0006
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36  
**DESCRIPTION**

**CURRENT SURVEY** 6/4/2009 12:54:24 PM

**INITIAL SURVEY** 5/19/2009 6:39:07 AM

**DATE PRINTED** 7/15/2009 10:06:56 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	407	-381	0.4728	375	-351	0.4356	-0.0372	-0.0192
4	310	-284	0.3564	293	-266	0.3354	-0.0210	0.0180
6	246	-222	0.2808	243	-221	0.2784	-0.0024	0.0390
8	289	-260	0.3294	286	-264	0.3300	0.0006	0.0414
10	353	-325	0.4068	352	-326	0.4068	0.0000	0.0408
12	313	-287	0.3600	312	-290	0.3612	0.0012	0.0408
14	259	-234	0.2958	258	-235	0.2958	0.0000	0.0396
16	125	-101	0.1356	126	-105	0.1386	0.0030	0.0396
18	-14	36	-0.0300	-10	33	-0.0258	0.0042	0.0366
20	-174	197	-0.2226	-173	195	-0.2208	0.0018	0.0324
22	-250	270	-0.3120	-247	268	-0.3090	0.0030	0.0306
24	-261	287	-0.3288	-259	283	-0.3252	0.0036	0.0276
26	-328	351	-0.4074	-327	348	-0.4050	0.0024	0.0240
28	-334	358	-0.4152	-335	356	-0.4146	0.0006	0.0216
30	-316	339	-0.3930	-313	337	-0.3900	0.0030	0.0210
32	-489	513	-0.6012	-483	506	-0.5934	0.0078	0.0180
34	-546	572	-0.6708	-547	569	-0.6696	0.0012	0.0102
36	-575	601	-0.7056	-577	598	-0.7050	0.0006	0.0090
38	-553	578	-0.6786	-555	576	-0.6786	0.0000	0.0084
40	-548	572	-0.6720	-549	570	-0.6714	0.0006	0.0084
42	-630	655	-0.7710	-627	649	-0.7656	0.0054	0.0078
44	-667	692	-0.8154	-666	690	-0.8136	0.0018	0.0024
46	-705	730	-0.8610	-707	729	-0.8616	-0.0006	0.0006
48	-689	715	-0.8424	-690	713	-0.8418	0.0006	0.0012
50	-671	699	-0.8220	-673	696	-0.8214	0.0006	0.0006
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36  
**DESCRIPTION**

**CURRENT SURVEY** 6/16/2009 3:18:00 PM

**INITIAL SURVEY** 5/19/2009 6:39:07 AM

**DATE PRINTED** 7/15/2009 10:06:56 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	407	-381	0.4728	351	-367	0.4308	-0.0420	-0.0624
4	310	-284	0.3564	274	-287	0.3366	-0.0198	-0.0204
6	246	-222	0.2808	226	-237	0.2778	-0.0030	-0.0006
8	289	-260	0.3294	269	-285	0.3324	0.0030	0.0024
10	353	-325	0.4068	330	-346	0.4056	-0.0012	-0.0006
12	313	-287	0.3600	290	-308	0.3588	-0.0012	0.0006
14	259	-234	0.2958	233	-250	0.2898	-0.0060	0.0018
16	125	-101	0.1356	102	-116	0.1308	-0.0048	0.0078
18	-14	36	-0.0300	-36	22	-0.0348	-0.0048	0.0126
20	-174	197	-0.2226	-194	181	-0.2250	-0.0024	0.0174
22	-250	270	-0.3120	-268	251	-0.3114	0.0006	0.0198
24	-261	287	-0.3288	-281	266	-0.3282	0.0006	0.0192
26	-328	351	-0.4074	-345	332	-0.4062	0.0012	0.0186
28	-334	358	-0.4152	-352	336	-0.4128	0.0024	0.0174
30	-316	339	-0.3930	-334	321	-0.3930	0.0000	0.0150
32	-489	513	-0.6012	-508	492	-0.6000	0.0012	0.0150
34	-546	572	-0.6708	-566	550	-0.6696	0.0012	0.0138
36	-575	601	-0.7056	-594	579	-0.7038	0.0018	0.0126
38	-553	578	-0.6786	-572	557	-0.6774	0.0012	0.0108
40	-548	572	-0.6720	-567	551	-0.6708	0.0012	0.0096
42	-630	655	-0.7710	-649	632	-0.7686	0.0024	0.0084
44	-667	692	-0.8154	-686	670	-0.8136	0.0018	0.0060
46	-705	730	-0.8610	-725	711	-0.8616	-0.0006	0.0042
48	-689	715	-0.8424	-708	692	-0.8400	0.0024	0.0048
50	-671	699	-0.8220	-690	676	-0.8196	0.0024	0.0024
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36  
**DESCRIPTION**

**CURRENT SURVEY** 6/30/2009 9:19:32 AM

**INITIAL SURVEY** 5/19/2009 6:39:07 AM

**DATE PRINTED** 7/15/2009 10:06:56 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	407	-381	0.4728	575	-570	0.6870	0.2142	0.2700
4	310	-284	0.3564	308	-299	0.3642	0.0078	0.0558
6	246	-222	0.2808	232	-226	0.2748	-0.0060	0.0480
8	289	-260	0.3294	278	-272	0.3300	0.0006	0.0540
10	353	-325	0.4068	342	-335	0.4062	-0.0006	0.0534
12	313	-287	0.3600	307	-302	0.3654	0.0054	0.0540
14	259	-234	0.2958	253	-242	0.2970	0.0012	0.0486
16	125	-101	0.1356	120	-116	0.1416	0.0060	0.0474
18	-14	36	-0.0300	-19	23	-0.0252	0.0048	0.0414
20	-174	197	-0.2226	-181	185	-0.2196	0.0030	0.0366
22	-250	270	-0.3120	-254	259	-0.3078	0.0042	0.0336
24	-261	287	-0.3288	-266	275	-0.3246	0.0042	0.0294
26	-328	351	-0.4074	-334	340	-0.4044	0.0030	0.0252
28	-334	358	-0.4152	-341	347	-0.4128	0.0024	0.0222
30	-316	339	-0.3930	-322	329	-0.3906	0.0024	0.0198
32	-489	513	-0.6012	-491	499	-0.5940	0.0072	0.0174
34	-546	572	-0.6708	-554	561	-0.6690	0.0018	0.0102
36	-575	601	-0.7056	-585	590	-0.7050	0.0006	0.0084
38	-553	578	-0.6786	-563	569	-0.6792	-0.0006	0.0078
40	-548	572	-0.6720	-557	563	-0.6720	0.0000	0.0084
42	-630	655	-0.7710	-636	641	-0.7662	0.0048	0.0084
44	-667	692	-0.8154	-674	682	-0.8136	0.0018	0.0036
46	-705	730	-0.8610	-715	722	-0.8622	-0.0012	0.0018
48	-689	715	-0.8424	-697	705	-0.8412	0.0012	0.0030
50	-671	699	-0.8220	-679	688	-0.8202	0.0018	0.0018
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36  
**DESCRIPTION**

**CURRENT SURVEY** 7/13/2009 1:16:39 PM

**INITIAL SURVEY** 5/19/2009 6:39:07 AM

**DATE PRINTED** 7/15/2009 10:06:56 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	407	-381	0.4728	587	-579	0.6996	0.2268	0.2952
4	310	-284	0.3564	311	-301	0.3672	0.0108	0.0684
6	246	-222	0.2808	236	-229	0.2790	-0.0018	0.0576
8	289	-260	0.3294	283	-274	0.3342	0.0048	0.0594
10	353	-325	0.4068	346	-337	0.4098	0.0030	0.0546
12	313	-287	0.3600	309	-301	0.3660	0.0060	0.0516
14	259	-234	0.2958	251	-242	0.2958	0.0000	0.0456
16	125	-101	0.1356	119	-114	0.1398	0.0042	0.0456
18	-14	36	-0.0300	-21	26	-0.0282	0.0018	0.0414
20	-174	197	-0.2226	-182	185	-0.2202	0.0024	0.0396
22	-250	270	-0.3120	-255	259	-0.3084	0.0036	0.0372
24	-261	287	-0.3288	-266	274	-0.3240	0.0048	0.0336
26	-328	351	-0.4074	-332	339	-0.4026	0.0048	0.0288
28	-334	358	-0.4152	-339	345	-0.4104	0.0048	0.0240
30	-316	339	-0.3930	-322	329	-0.3906	0.0024	0.0192
32	-489	513	-0.6012	-498	502	-0.6000	0.0012	0.0168
34	-546	572	-0.6708	-555	560	-0.6690	0.0018	0.0156
36	-575	601	-0.7056	-584	589	-0.7038	0.0018	0.0138
38	-553	578	-0.6786	-561	567	-0.6768	0.0018	0.0120
40	-548	572	-0.6720	-556	562	-0.6708	0.0012	0.0102
42	-630	655	-0.7710	-638	643	-0.7686	0.0024	0.0090
44	-667	692	-0.8154	-676	681	-0.8142	0.0012	0.0066
46	-705	730	-0.8610	-714	721	-0.8610	0.0000	0.0054
48	-689	715	-0.8424	-697	703	-0.8400	0.0024	0.0054
50	-671	699	-0.8220	-679	686	-0.8190	0.0030	0.0030
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36  
**DESCRIPTION**

**CURRENT SURVEY** 5/21/2009 1:48:54 PM

**INITIAL SURVEY** 5/19/2009 6:39:07 AM

**DATE PRINTED** 7/15/2009 10:07:05 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-127	151	-0.1668	-128	153	-0.1686	-0.0018	-0.0204
4	-27	63	-0.0540	-32	62	-0.0564	-0.0024	-0.0186
6	-17	48	-0.0390	-20	49	-0.0414	-0.0024	-0.0162
8	81	-66	0.0882	77	-65	0.0852	-0.0030	-0.0138
10	281	-273	0.3324	280	-274	0.3324	0.0000	-0.0108
12	540	-517	0.6342	539	-518	0.6342	0.0000	-0.0108
14	679	-649	0.7968	678	-650	0.7968	0.0000	-0.0108
16	707	-678	0.8310	706	-677	0.8298	-0.0012	-0.0108
18	614	-582	0.7176	613	-582	0.7170	-0.0006	-0.0096
20	515	-484	0.5994	517	-486	0.6018	0.0024	-0.0090
22	408	-386	0.4764	411	-385	0.4776	0.0012	-0.0114
24	376	-343	0.4314	377	-344	0.4326	0.0012	-0.0126
26	294	-265	0.3354	295	-264	0.3354	0.0000	-0.0138
28	212	-178	0.2340	213	-182	0.2370	0.0030	-0.0138
30	164	-127	0.1746	161	-129	0.1740	-0.0006	-0.0168
32	122	-94	0.1296	123	-95	0.1308	0.0012	-0.0162
34	98	-65	0.0978	98	-65	0.0978	0.0000	-0.0174
36	87	-61	0.0888	90	-60	0.0900	0.0012	-0.0174
38	44	-11	0.0330	49	-13	0.0372	0.0042	-0.0186
40	25	10	0.0090	21	10	0.0066	-0.0024	-0.0228
42	52	-32	0.0504	52	-30	0.0492	-0.0012	-0.0204
44	81	-56	0.0822	77	-52	0.0774	-0.0048	-0.0192
46	125	-105	0.1380	122	-95	0.1302	-0.0078	-0.0144
48	188	-153	0.2046	179	-153	0.1992	-0.0054	-0.0066
50	233	-218	0.2706	230	-219	0.2694	-0.0012	-0.0012
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36  
**DESCRIPTION**

**CURRENT SURVEY** 6/4/2009 12:54:24 PM

**INITIAL SURVEY** 5/19/2009 6:39:07 AM

**DATE PRINTED** 7/15/2009 10:07:05 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-127	151	-0.1668	-197	219	-0.2496	-0.0828	-0.1062
4	-27	63	-0.0540	-45	71	-0.0696	-0.0156	-0.0234
6	-17	48	-0.0390	-22	49	-0.0426	-0.0036	-0.0078
8	81	-66	0.0882	80	-68	0.0888	0.0006	-0.0042
10	281	-273	0.3324	275	-276	0.3306	-0.0018	-0.0048
12	540	-517	0.6342	534	-523	0.6342	0.0000	-0.0030
14	679	-649	0.7968	674	-650	0.7944	-0.0024	-0.0030
16	707	-678	0.8310	705	-679	0.8304	-0.0006	-0.0006
18	614	-582	0.7176	609	-595	0.7224	0.0048	0.0000
20	515	-484	0.5994	513	-488	0.6006	0.0012	-0.0048
22	408	-386	0.4764	409	-387	0.4776	0.0012	-0.0060
24	376	-343	0.4314	374	-346	0.4320	0.0006	-0.0072
26	294	-265	0.3354	295	-268	0.3378	0.0024	-0.0078
28	212	-178	0.2340	210	-182	0.2352	0.0012	-0.0102
30	164	-127	0.1746	161	-131	0.1752	0.0006	-0.0114
32	122	-94	0.1296	121	-97	0.1308	0.0012	-0.0120
34	98	-65	0.0978	97	-66	0.0978	0.0000	-0.0132
36	87	-61	0.0888	88	-61	0.0894	0.0006	-0.0132
38	44	-11	0.0330	46	-15	0.0366	0.0036	-0.0138
40	25	10	0.0090	22	7	0.0090	0.0000	-0.0174
42	52	-32	0.0504	50	-31	0.0486	-0.0018	-0.0174
44	81	-56	0.0822	78	-53	0.0786	-0.0036	-0.0156
46	125	-105	0.1380	123	-97	0.1320	-0.0060	-0.0120
48	188	-153	0.2046	183	-154	0.2022	-0.0024	-0.0060
50	233	-218	0.2706	228	-217	0.2670	-0.0036	-0.0036
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36  
**DESCRIPTION**

**CURRENT SURVEY** 6/16/2009 3:18:00 PM

**INITIAL SURVEY** 5/19/2009 6:39:07 AM

**DATE PRINTED** 7/15/2009 10:07:06 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-127	151	-0.1668	-211	208	-0.2514	-0.0846	-0.1968
4	-27	63	-0.0540	-55	55	-0.0660	-0.0120	-0.1122
6	-17	48	-0.0390	-35	34	-0.0414	-0.0024	-0.1002
8	81	-66	0.0882	67	-69	0.0816	-0.0066	-0.0978
10	281	-273	0.3324	266	-267	0.3198	-0.0126	-0.0912
12	540	-517	0.6342	527	-524	0.6306	-0.0036	-0.0786
14	679	-649	0.7968	662	-660	0.7932	-0.0036	-0.0750
16	707	-678	0.8310	690	-690	0.8280	-0.0030	-0.0714
18	614	-582	0.7176	595	-593	0.7128	-0.0048	-0.0684
20	515	-484	0.5994	497	-496	0.5958	-0.0036	-0.0636
22	408	-386	0.4764	397	-396	0.4758	-0.0006	-0.0600
24	376	-343	0.4314	358	-357	0.4290	-0.0024	-0.0594
26	294	-265	0.3354	277	-275	0.3312	-0.0042	-0.0570
28	212	-178	0.2340	194	-192	0.2316	-0.0024	-0.0528
30	164	-127	0.1746	143	-141	0.1704	-0.0042	-0.0504
32	122	-94	0.1296	106	-108	0.1284	-0.0012	-0.0462
34	98	-65	0.0978	80	-79	0.0954	-0.0024	-0.0450
36	87	-61	0.0888	70	-70	0.0840	-0.0048	-0.0426
38	44	-11	0.0330	28	-26	0.0324	-0.0006	-0.0378
40	25	10	0.0090	4	-3	0.0042	-0.0048	-0.0372
42	52	-32	0.0504	37	-38	0.0450	-0.0054	-0.0324
44	81	-56	0.0822	64	-63	0.0762	-0.0060	-0.0270
46	125	-105	0.1380	109	-108	0.1302	-0.0078	-0.0210
48	188	-153	0.2046	166	-166	0.1992	-0.0054	-0.0132
50	233	-218	0.2706	220	-218	0.2628	-0.0078	-0.0078
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000



**SITE** JSF  
**INSTALLATION** JS36  
**DESCRIPTION**

**CURRENT SURVEY** 6/30/2009 9:19:32 AM

**INITIAL SURVEY** 5/19/2009 6:39:07 AM

**DATE PRINTED** 7/15/2009 10:07:06 AM

Data Reduction for B Axis:

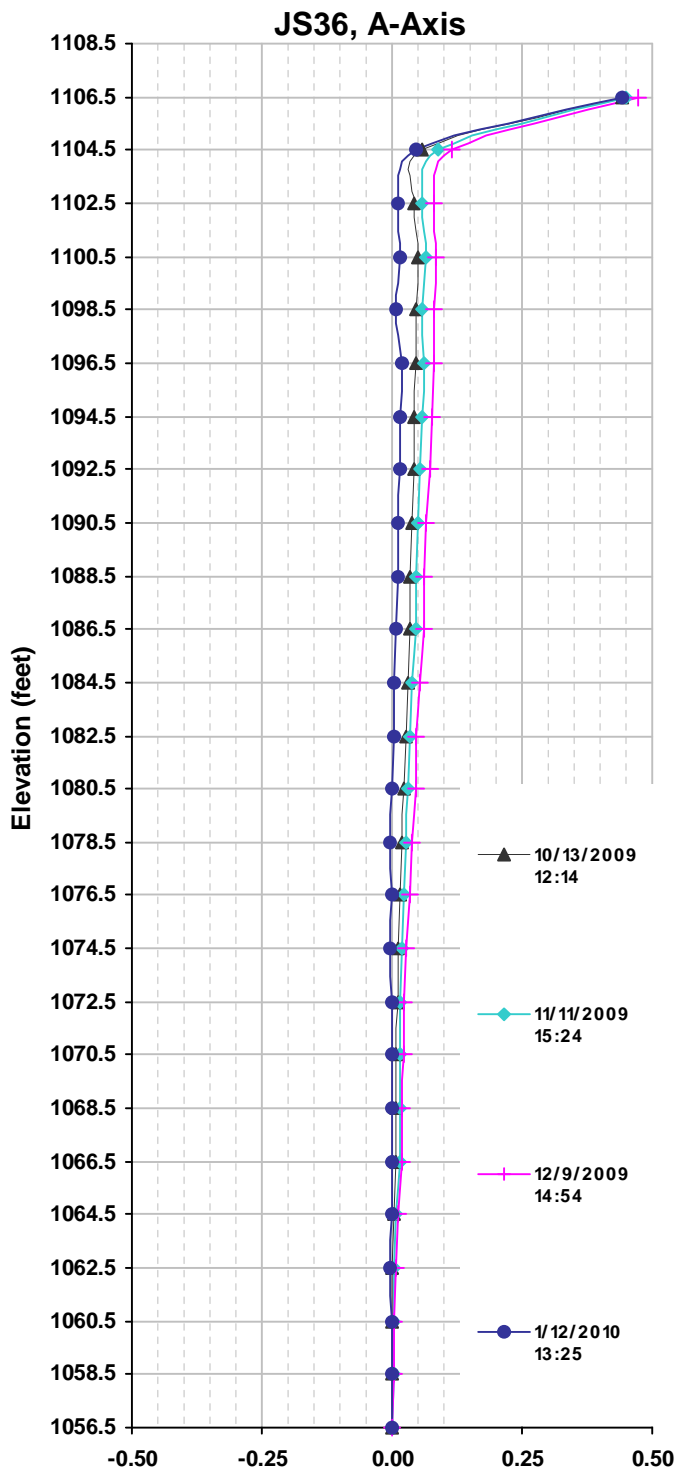
Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-127	151	-0.1668	-150	196	-0.2076	-0.0408	-0.0402
4	-27	63	-0.0540	-28	78	-0.0636	-0.0096	0.0006
6	-17	48	-0.0390	-10	59	-0.0414	-0.0024	0.0102
8	81	-66	0.0882	92	-65	0.0942	0.0060	0.0126
10	281	-273	0.3324	288	-265	0.3318	-0.0006	0.0066
12	540	-517	0.6342	547	-509	0.6336	-0.0006	0.0072
14	679	-649	0.7968	685	-641	0.7956	-0.0012	0.0078
16	707	-678	0.8310	711	-668	0.8274	-0.0036	0.0090
18	614	-582	0.7176	618	-571	0.7134	-0.0042	0.0126
20	515	-484	0.5994	515	-475	0.5940	-0.0054	0.0168
22	408	-386	0.4764	420	-377	0.4782	0.0018	0.0222
24	376	-343	0.4314	383	-334	0.4302	-0.0012	0.0204
26	294	-265	0.3354	303	-255	0.3348	-0.0006	0.0216
28	212	-178	0.2340	221	-171	0.2352	0.0012	0.0222
30	164	-127	0.1746	173	-118	0.1746	0.0000	0.0210
32	122	-94	0.1296	131	-89	0.1320	0.0024	0.0210
34	98	-65	0.0978	109	-63	0.1032	0.0054	0.0186
36	87	-61	0.0888	98	-52	0.0900	0.0012	0.0132
38	44	-11	0.0330	54	-7	0.0366	0.0036	0.0120
40	25	10	0.0090	35	17	0.0108	0.0018	0.0084
42	52	-32	0.0504	62	-22	0.0504	0.0000	0.0066
44	81	-56	0.0822	94	-45	0.0834	0.0012	0.0066
46	125	-105	0.1380	138	-92	0.1380	0.0000	0.0054
48	188	-153	0.2046	198	-147	0.2070	0.0024	0.0054
50	233	-218	0.2706	239	-217	0.2736	0.0030	0.0030
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36  
**DESCRIPTION**

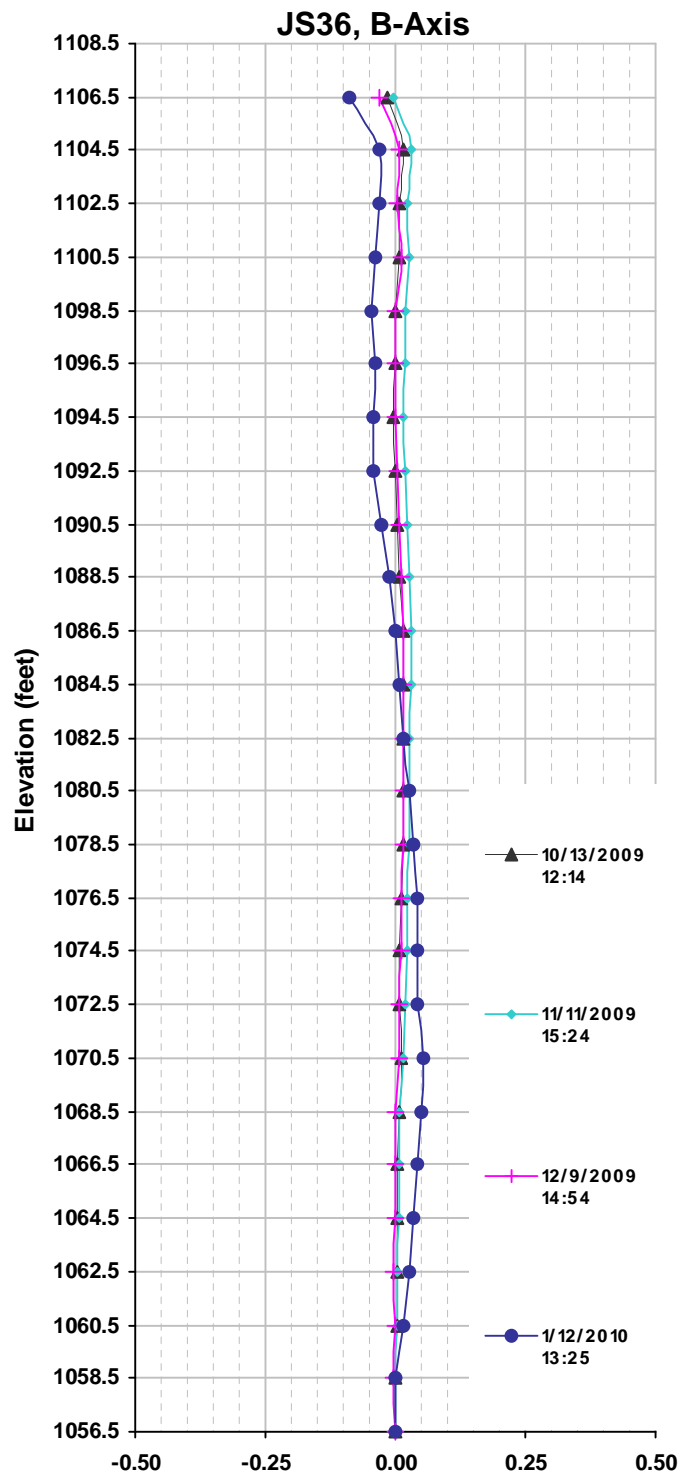
**CURRENT SURVEY** 7/13/2009 1:16:39 PM  
**INITIAL SURVEY** 5/19/2009 6:39:07 AM  
**DATE PRINTED** 7/15/2009 10:07:06 AM

Data Reduction for B Axis:

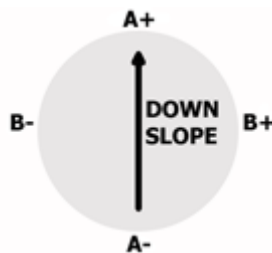
Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-127	151	-0.1668	-166	203	-0.2214	-0.0546	-0.0606
4	-27	63	-0.0540	-22	77	-0.0594	-0.0054	-0.0060
6	-17	48	-0.0390	-11	55	-0.0396	-0.0006	-0.0006
8	81	-66	0.0882	94	-66	0.0960	0.0078	0.0000
10	281	-273	0.3324	293	-265	0.3348	0.0024	-0.0078
12	540	-517	0.6342	552	-510	0.6372	0.0030	-0.0102
14	679	-649	0.7968	688	-640	0.7968	0.0000	-0.0132
16	707	-678	0.8310	713	-664	0.8262	-0.0048	-0.0132
18	614	-582	0.7176	619	-566	0.7110	-0.0066	-0.0084
20	515	-484	0.5994	515	-471	0.5916	-0.0078	-0.0018
22	408	-386	0.4764	421	-373	0.4764	0.0000	0.0060
24	376	-343	0.4314	387	-329	0.4296	-0.0018	0.0060
26	294	-265	0.3354	303	-251	0.3324	-0.0030	0.0078
28	212	-178	0.2340	221	-167	0.2328	-0.0012	0.0108
30	164	-127	0.1746	175	-115	0.1740	-0.0006	0.0120
32	122	-94	0.1296	138	-87	0.1350	0.0054	0.0126
34	98	-65	0.0978	109	-56	0.0990	0.0012	0.0072
36	87	-61	0.0888	99	-49	0.0888	0.0000	0.0060
38	44	-11	0.0330	59	-2	0.0366	0.0036	0.0060
40	25	10	0.0090	37	22	0.0090	0.0000	0.0024
42	52	-32	0.0504	63	-20	0.0498	-0.0006	0.0024
44	81	-56	0.0822	95	-42	0.0822	0.0000	0.0030
46	125	-105	0.1380	142	-90	0.1392	0.0012	0.0030
48	188	-153	0.2046	199	-145	0.2064	0.0018	0.0018
50	233	-218	0.2706	232	-219	0.2706	0.0000	0.0000
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000



Cumulative Displacement (in) from 5/19/2009



Cumulative Displacement (in) from 5/19/2009



**John Sevier Fossil Plant**

**Rogersville, TN**

**175569038**

**1/14/2010**

**SITE** JSF  
**INSTALLATION** JS36  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 12:14:10 PM

**INITIAL SURVEY** 5/19/2009 6:39:07 AM

**DATE PRINTED** 1/14/2010 12:18:19 PM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	407	-381	0.4728	717	-709	0.8556	0.3828	0.4416
4	310	-284	0.3564	318	-305	0.3738	0.0174	0.0588
6	246	-222	0.2808	233	-223	0.2736	-0.0072	0.0414
8	289	-260	0.3294	283	-271	0.3324	0.0030	0.0486
10	353	-325	0.4068	343	-331	0.4044	-0.0024	0.0456
12	313	-287	0.3600	309	-298	0.3642	0.0042	0.0480
14	259	-234	0.2958	254	-242	0.2976	0.0018	0.0438
16	125	-101	0.1356	123	-111	0.1404	0.0048	0.0420
18	-14	36	-0.0300	-19	29	-0.0288	0.0012	0.0372
20	-174	197	-0.2226	-179	190	-0.2214	0.0012	0.0360
22	-250	270	-0.3120	-251	260	-0.3066	0.0054	0.0348
24	-261	287	-0.3288	-265	277	-0.3252	0.0036	0.0294
26	-328	351	-0.4074	-332	343	-0.4050	0.0024	0.0258
28	-334	358	-0.4152	-338	348	-0.4116	0.0036	0.0234
30	-316	339	-0.3930	-319	330	-0.3894	0.0036	0.0198
32	-489	513	-0.6012	-492	502	-0.5964	0.0048	0.0162
34	-546	572	-0.6708	-552	564	-0.6696	0.0012	0.0114
36	-575	601	-0.7056	-583	592	-0.7050	0.0006	0.0102
38	-553	578	-0.6786	-560	570	-0.6780	0.0006	0.0096
40	-548	572	-0.6720	-555	565	-0.6720	0.0000	0.0090
42	-630	655	-0.7710	-633	643	-0.7656	0.0054	0.0090
44	-667	692	-0.8154	-672	683	-0.8130	0.0024	0.0036
46	-705	730	-0.8610	-713	723	-0.8616	-0.0006	0.0012
48	-689	715	-0.8424	-696	706	-0.8412	0.0012	0.0018
50	-671	699	-0.8220	-679	690	-0.8214	0.0006	0.0006
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36  
**DESCRIPTION**

**CURRENT SURVEY** 11/11/2009 3:24:27 PM

**INITIAL SURVEY** 5/19/2009 6:39:07 AM

**DATE PRINTED** 1/14/2010 12:18:19 PM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	407	-381	0.4728	698	-692	0.8340	0.3612	0.4500
4	310	-284	0.3564	329	-316	0.3870	0.0306	0.0888
6	246	-222	0.2808	234	-225	0.2754	-0.0054	0.0582
8	289	-260	0.3294	284	-273	0.3342	0.0048	0.0636
10	353	-325	0.4068	341	-331	0.4032	-0.0036	0.0588
12	313	-287	0.3600	310	-299	0.3654	0.0054	0.0624
14	259	-234	0.2958	254	-243	0.2982	0.0024	0.0570
16	125	-101	0.1356	121	-115	0.1416	0.0060	0.0546
18	-14	36	-0.0300	-19	27	-0.0276	0.0024	0.0486
20	-174	197	-0.2226	-180	188	-0.2208	0.0018	0.0462
22	-250	270	-0.3120	-251	259	-0.3060	0.0060	0.0444
24	-261	287	-0.3288	-266	275	-0.3246	0.0042	0.0384
26	-328	351	-0.4074	-333	342	-0.4050	0.0024	0.0342
28	-334	358	-0.4152	-338	348	-0.4116	0.0036	0.0318
30	-316	339	-0.3930	-319	330	-0.3894	0.0036	0.0282
32	-489	513	-0.6012	-491	500	-0.5946	0.0066	0.0246
34	-546	572	-0.6708	-553	563	-0.6696	0.0012	0.0180
36	-575	601	-0.7056	-581	592	-0.7038	0.0018	0.0168
38	-553	578	-0.6786	-560	570	-0.6780	0.0006	0.0150
40	-548	572	-0.6720	-555	565	-0.6720	0.0000	0.0144
42	-630	655	-0.7710	-633	641	-0.7644	0.0066	0.0144
44	-667	692	-0.8154	-671	681	-0.8112	0.0042	0.0078
46	-705	730	-0.8610	-713	722	-0.8610	0.0000	0.0036
48	-689	715	-0.8424	-697	706	-0.8418	0.0006	0.0036
50	-671	699	-0.8220	-678	687	-0.8190	0.0030	0.0030
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36  
**DESCRIPTION**

**CURRENT SURVEY** 12/9/2009 2:54:36 PM

**INITIAL SURVEY** 5/19/2009 6:39:07 AM

**DATE PRINTED** 1/14/2010 12:18:19 PM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	407	-381	0.4728	697	-689	0.8316	0.3588	0.4728
4	310	-284	0.3564	331	-316	0.3882	0.0318	0.1140
6	246	-222	0.2808	239	-225	0.2784	-0.0024	0.0822
8	289	-260	0.3294	287	-271	0.3348	0.0054	0.0846
10	353	-325	0.4068	345	-329	0.4044	-0.0024	0.0792
12	313	-287	0.3600	313	-298	0.3666	0.0066	0.0816
14	259	-234	0.2958	257	-241	0.2988	0.0030	0.0750
16	125	-101	0.1356	123	-112	0.1410	0.0054	0.0720
18	-14	36	-0.0300	-14	29	-0.0258	0.0042	0.0666
20	-174	197	-0.2226	-177	190	-0.2202	0.0024	0.0624
22	-250	270	-0.3120	-248	261	-0.3054	0.0066	0.0600
24	-261	287	-0.3288	-261	277	-0.3228	0.0060	0.0534
26	-328	351	-0.4074	-331	343	-0.4044	0.0030	0.0474
28	-334	358	-0.4152	-335	349	-0.4104	0.0048	0.0444
30	-316	339	-0.3930	-316	331	-0.3882	0.0048	0.0396
32	-489	513	-0.6012	-487	502	-0.5934	0.0078	0.0348
34	-546	572	-0.6708	-549	565	-0.6684	0.0024	0.0270
36	-575	601	-0.7056	-579	594	-0.7038	0.0018	0.0246
38	-553	578	-0.6786	-556	571	-0.6762	0.0024	0.0228
40	-548	572	-0.6720	-551	565	-0.6696	0.0024	0.0204
42	-630	655	-0.7710	-629	645	-0.7644	0.0066	0.0180
44	-667	692	-0.8154	-668	683	-0.8106	0.0048	0.0114
46	-705	730	-0.8610	-709	724	-0.8598	0.0012	0.0066
48	-689	715	-0.8424	-693	707	-0.8400	0.0024	0.0054
50	-671	699	-0.8220	-675	690	-0.8190	0.0030	0.0030
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36  
**DESCRIPTION**

**CURRENT SURVEY** 1/12/2010 1:25:12 PM

**INITIAL SURVEY** 5/19/2009 6:39:07 AM

**DATE PRINTED** 1/14/2010 12:18:19 PM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	407	-381	0.4728	722	-729	0.8706	0.3978	0.4422
4	310	-284	0.3564	322	-325	0.3882	0.0318	0.0444
6	246	-222	0.2808	232	-233	0.2790	-0.0018	0.0126
8	289	-260	0.3294	280	-283	0.3378	0.0084	0.0144
10	353	-325	0.4068	326	-327	0.3918	-0.0150	0.0060
12	313	-287	0.3600	302	-307	0.3654	0.0054	0.0210
14	259	-234	0.2958	243	-249	0.2952	-0.0006	0.0156
16	125	-101	0.1356	115	-117	0.1392	0.0036	0.0162
18	-14	36	-0.0300	-25	21	-0.0276	0.0024	0.0126
20	-174	197	-0.2226	-185	183	-0.2208	0.0018	0.0102
22	-250	270	-0.3120	-256	256	-0.3072	0.0048	0.0084
24	-261	287	-0.3288	-274	272	-0.3276	0.0012	0.0036
26	-328	351	-0.4074	-340	338	-0.4068	0.0006	0.0024
28	-334	358	-0.4152	-343	342	-0.4110	0.0042	0.0018
30	-316	339	-0.3930	-329	327	-0.3936	-0.0006	-0.0024
32	-489	513	-0.6012	-502	499	-0.6006	0.0006	-0.0018
34	-546	572	-0.6708	-561	559	-0.6720	-0.0012	-0.0024
36	-575	601	-0.7056	-588	592	-0.7080	-0.0024	-0.0012
38	-553	578	-0.6786	-566	564	-0.6780	0.0006	0.0012
40	-548	572	-0.6720	-561	560	-0.6726	-0.0006	0.0006
42	-630	655	-0.7710	-642	640	-0.7692	0.0018	0.0012
44	-667	692	-0.8154	-680	676	-0.8136	0.0018	-0.0006
46	-705	730	-0.8610	-719	719	-0.8628	-0.0018	-0.0024
48	-689	715	-0.8424	-703	702	-0.8430	-0.0006	-0.0006
50	-671	699	-0.8220	-686	684	-0.8220	0.0000	0.0000
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 12:14:10 PM

**INITIAL SURVEY** 5/19/2009 6:39:07 AM

**DATE PRINTED** 1/14/2010 12:18:27 PM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-127	151	-0.1668	-143	187	-0.1980	-0.0312	-0.0168
4	-27	63	-0.0540	-10	66	-0.0456	0.0084	0.0144
6	-17	48	-0.0390	-10	61	-0.0426	-0.0036	0.0060
8	81	-66	0.0882	98	-68	0.0996	0.0114	0.0096
10	281	-273	0.3324	289	-264	0.3318	-0.0006	-0.0018
12	540	-517	0.6342	554	-509	0.6378	0.0036	-0.0012
14	679	-649	0.7968	687	-635	0.7932	-0.0036	-0.0048
16	707	-678	0.8310	715	-662	0.8262	-0.0048	-0.0012
18	614	-582	0.7176	621	-566	0.7122	-0.0054	0.0036
20	515	-484	0.5994	520	-470	0.5940	-0.0054	0.0090
22	408	-386	0.4764	423	-371	0.4764	0.0000	0.0144
24	376	-343	0.4314	388	-330	0.4308	-0.0006	0.0144
26	294	-265	0.3354	306	-254	0.3360	0.0006	0.0150
28	212	-178	0.2340	223	-167	0.2340	0.0000	0.0144
30	164	-127	0.1746	178	-116	0.1764	0.0018	0.0144
32	122	-94	0.1296	135	-87	0.1332	0.0036	0.0126
34	98	-65	0.0978	108	-55	0.0978	0.0000	0.0090
36	87	-61	0.0888	93	-48	0.0846	-0.0042	0.0090
38	44	-11	0.0330	61	-4	0.0390	0.0060	0.0132
40	25	10	0.0090	38	18	0.0120	0.0030	0.0072
42	52	-32	0.0504	65	-20	0.0510	0.0006	0.0042
44	81	-56	0.0822	96	-43	0.0834	0.0012	0.0036
46	125	-105	0.1380	141	-89	0.1380	0.0000	0.0024
48	188	-153	0.2046	199	-144	0.2058	0.0012	0.0024
50	233	-218	0.2706	233	-220	0.2718	0.0012	0.0012
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000



**SITE** JSF  
**INSTALLATION** JS36  
**DESCRIPTION**

**CURRENT SURVEY** 11/11/2009 3:24:27 PM

**INITIAL SURVEY** 5/19/2009 6:39:07 AM

**DATE PRINTED** 1/14/2010 12:18:27 PM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-127	151	-0.1668	-147	190	-0.2022	-0.0354	-0.0054
4	-27	63	-0.0540	-12	69	-0.0486	0.0054	0.0300
6	-17	48	-0.0390	-10	62	-0.0432	-0.0042	0.0246
8	81	-66	0.0882	97	-65	0.0972	0.0090	0.0288
10	281	-273	0.3324	293	-264	0.3342	0.0018	0.0198
12	540	-517	0.6342	555	-508	0.6378	0.0036	0.0180
14	679	-649	0.7968	685	-634	0.7914	-0.0054	0.0144
16	707	-678	0.8310	718	-662	0.8280	-0.0030	0.0198
18	614	-582	0.7176	622	-568	0.7140	-0.0036	0.0228
20	515	-484	0.5994	519	-471	0.5940	-0.0054	0.0264
22	408	-386	0.4764	423	-375	0.4788	0.0024	0.0318
24	376	-343	0.4314	390	-331	0.4326	0.0012	0.0294
26	294	-265	0.3354	308	-254	0.3372	0.0018	0.0282
28	212	-178	0.2340	225	-167	0.2352	0.0012	0.0264
30	164	-127	0.1746	178	-116	0.1764	0.0018	0.0252
32	122	-94	0.1296	133	-86	0.1314	0.0018	0.0234
34	98	-65	0.0978	111	-58	0.1014	0.0036	0.0216
36	87	-61	0.0888	100	-54	0.0924	0.0036	0.0180
38	44	-11	0.0330	60	-5	0.0390	0.0060	0.0144
40	25	10	0.0090	40	25	0.0090	0.0000	0.0084
42	52	-32	0.0504	66	-19	0.0510	0.0006	0.0084
44	81	-56	0.0822	97	-44	0.0846	0.0024	0.0078
46	125	-105	0.1380	143	-88	0.1386	0.0006	0.0054
48	188	-153	0.2046	202	-146	0.2088	0.0042	0.0048
50	233	-218	0.2706	245	-207	0.2712	0.0006	0.0006
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36  
**DESCRIPTION**

**CURRENT SURVEY** 12/9/2009 2:54:36 PM

**INITIAL SURVEY** 5/19/2009 6:39:07 AM

**DATE PRINTED** 1/14/2010 12:18:27 PM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-127	151	-0.1668	-140	198	-0.2028	-0.0360	-0.0300
4	-27	63	-0.0540	-14	73	-0.0522	0.0018	0.0060
6	-17	48	-0.0390	-10	68	-0.0468	-0.0078	0.0042
8	81	-66	0.0882	102	-63	0.0990	0.0108	0.0120
10	281	-273	0.3324	296	-260	0.3336	0.0012	0.0012
12	540	-517	0.6342	553	-503	0.6336	-0.0006	0.0000
14	679	-649	0.7968	692	-630	0.7932	-0.0036	0.0006
16	707	-678	0.8310	719	-659	0.8268	-0.0042	0.0042
18	614	-582	0.7176	626	-567	0.7158	-0.0018	0.0084
20	515	-484	0.5994	521	-467	0.5928	-0.0066	0.0102
22	408	-386	0.4764	426	-368	0.4764	0.0000	0.0168
24	376	-343	0.4314	393	-330	0.4338	0.0024	0.0168
26	294	-265	0.3354	309	-248	0.3342	-0.0012	0.0144
28	212	-178	0.2340	229	-162	0.2346	0.0006	0.0156
30	164	-127	0.1746	181	-113	0.1764	0.0018	0.0150
32	122	-94	0.1296	139	-80	0.1314	0.0018	0.0132
34	98	-65	0.0978	115	-52	0.1002	0.0024	0.0114
36	87	-61	0.0888	105	-43	0.0888	0.0000	0.0090
38	44	-11	0.0330	67	-1	0.0408	0.0078	0.0090
40	25	10	0.0090	43	25	0.0108	0.0018	0.0012
42	52	-32	0.0504	69	-15	0.0504	0.0000	-0.0006
44	81	-56	0.0822	99	-41	0.0840	0.0018	-0.0006
46	125	-105	0.1380	146	-83	0.1374	-0.0006	-0.0024
48	188	-153	0.2046	202	-143	0.2070	0.0024	-0.0018
50	233	-218	0.2706	238	-206	0.2664	-0.0042	-0.0042
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36  
**DESCRIPTION**

**CURRENT SURVEY** 1/12/2010 1:25:12 PM

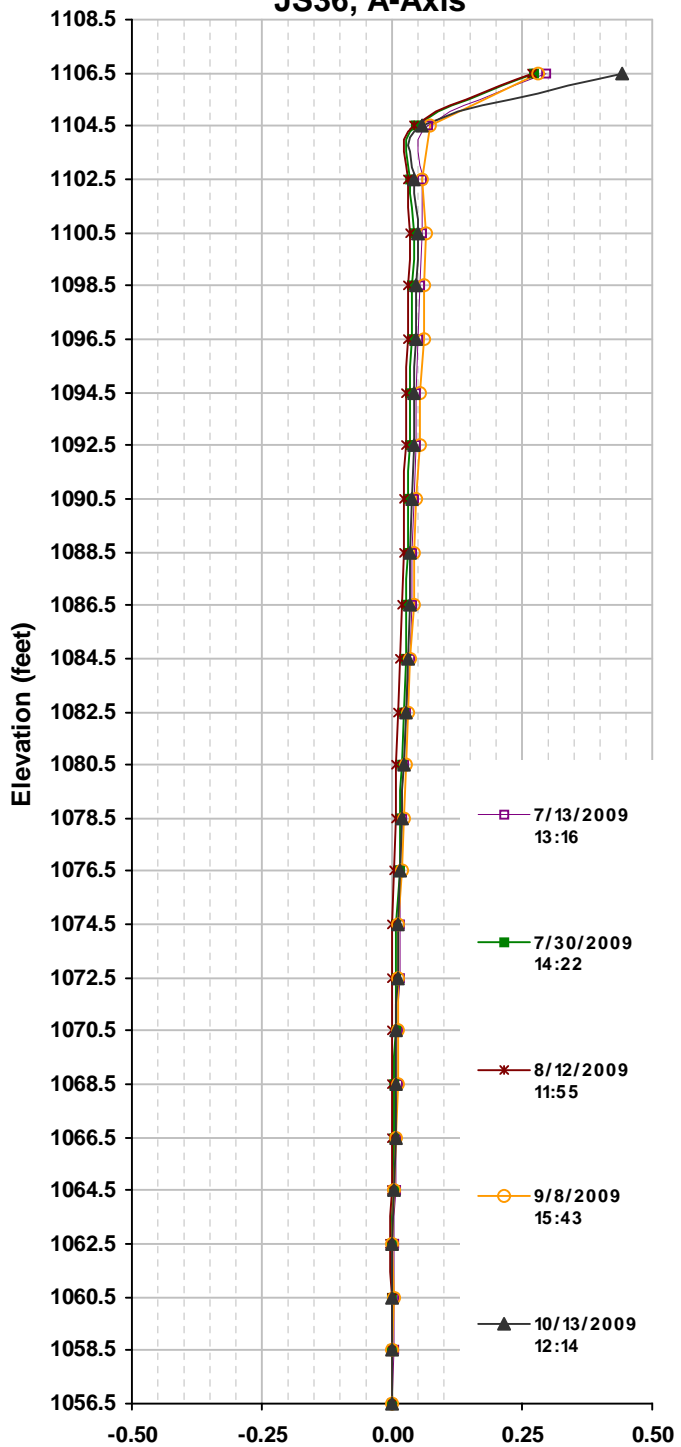
**INITIAL SURVEY** 5/19/2009 6:39:07 AM

**DATE PRINTED** 1/14/2010 12:18:27 PM

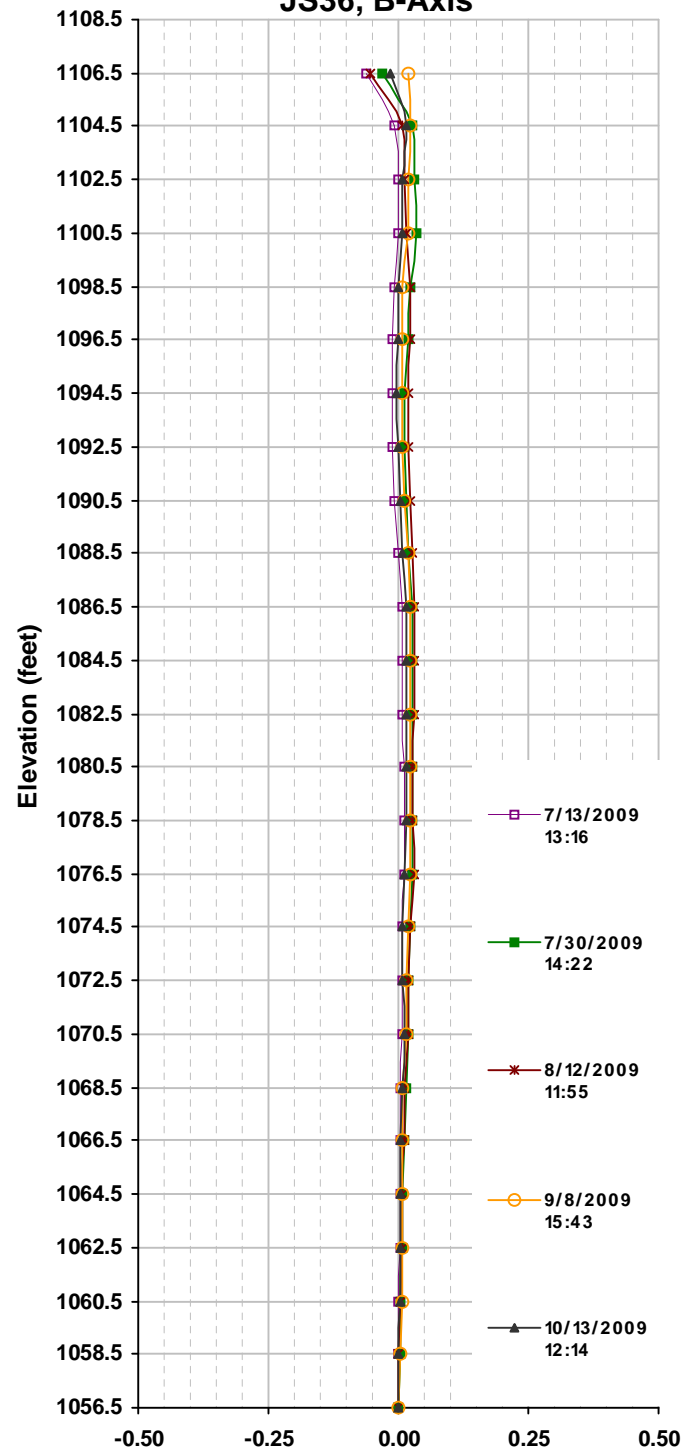
Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-127	151	-0.1668	-184	190	-0.2244	-0.0576	-0.0894
4	-27	63	-0.0540	-54	37	-0.0546	-0.0006	-0.0318
6	-17	48	-0.0390	-38	18	-0.0336	0.0054	-0.0312
8	81	-66	0.0882	76	-85	0.0966	0.0084	-0.0366
10	281	-273	0.3324	265	-280	0.3270	-0.0054	-0.0450
12	540	-517	0.6342	534	-530	0.6384	0.0042	-0.0396
14	679	-649	0.7968	650	-674	0.7944	-0.0024	-0.0438
16	707	-678	0.8310	672	-688	0.8160	-0.0150	-0.0414
18	614	-582	0.7176	578	-593	0.7026	-0.0150	-0.0264
20	515	-484	0.5994	480	-498	0.5868	-0.0126	-0.0114
22	408	-386	0.4764	385	-400	0.4710	-0.0054	0.0012
24	376	-343	0.4314	340	-365	0.4230	-0.0084	0.0066
26	294	-265	0.3354	264	-277	0.3246	-0.0108	0.0150
28	212	-178	0.2340	178	-197	0.2250	-0.0090	0.0258
30	164	-127	0.1746	126	-151	0.1662	-0.0084	0.0348
32	122	-94	0.1296	98	-120	0.1308	0.0012	0.0432
34	98	-65	0.0978	69	-94	0.0978	0.0000	0.0420
36	87	-61	0.0888	57	-74	0.0786	-0.0102	0.0420
38	44	-11	0.0330	16	-45	0.0366	0.0036	0.0522
40	25	10	0.0090	-1	-26	0.0150	0.0060	0.0486
42	52	-32	0.0504	35	-61	0.0576	0.0072	0.0426
44	81	-56	0.0822	61	-87	0.0888	0.0066	0.0354
46	125	-105	0.1380	121	-134	0.1530	0.0150	0.0288
48	188	-153	0.2046	174	-190	0.2184	0.0138	0.0138
50	233	-218	0.2706	223	-228	0.2706	0.0000	0.0000
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000

### JS36, A-Axis

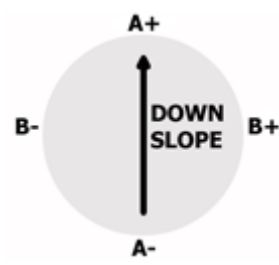


### JS36, B-Axis



Cumulative Displacement (in) from 5/19/2009

Cumulative Displacement (in) from 5/19/2009



John Sevier Fossil Plant

Rogersville, TN

175569038

10/15/2009

**SITE** JSF  
**INSTALLATION** JS36  
**DESCRIPTION**

**CURRENT SURVEY** 7/13/2009 1:16:39 PM

**INITIAL SURVEY** 5/19/2009 6:39:07 AM

**DATE PRINTED** 10/15/2009 10:29:27 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	407	-381	0.4728	587	-579	0.6996	0.2268	0.2952
4	310	-284	0.3564	311	-301	0.3672	0.0108	0.0684
6	246	-222	0.2808	236	-229	0.2790	-0.0018	0.0576
8	289	-260	0.3294	283	-274	0.3342	0.0048	0.0594
10	353	-325	0.4068	346	-337	0.4098	0.0030	0.0546
12	313	-287	0.3600	309	-301	0.3660	0.0060	0.0516
14	259	-234	0.2958	251	-242	0.2958	0.0000	0.0456
16	125	-101	0.1356	119	-114	0.1398	0.0042	0.0456
18	-14	36	-0.0300	-21	26	-0.0282	0.0018	0.0414
20	-174	197	-0.2226	-182	185	-0.2202	0.0024	0.0396
22	-250	270	-0.3120	-255	259	-0.3084	0.0036	0.0372
24	-261	287	-0.3288	-266	274	-0.3240	0.0048	0.0336
26	-328	351	-0.4074	-332	339	-0.4026	0.0048	0.0288
28	-334	358	-0.4152	-339	345	-0.4104	0.0048	0.0240
30	-316	339	-0.3930	-322	329	-0.3906	0.0024	0.0192
32	-489	513	-0.6012	-498	502	-0.6000	0.0012	0.0168
34	-546	572	-0.6708	-555	560	-0.6690	0.0018	0.0156
36	-575	601	-0.7056	-584	589	-0.7038	0.0018	0.0138
38	-553	578	-0.6786	-561	567	-0.6768	0.0018	0.0120
40	-548	572	-0.6720	-556	562	-0.6708	0.0012	0.0102
42	-630	655	-0.7710	-638	643	-0.7686	0.0024	0.0090
44	-667	692	-0.8154	-676	681	-0.8142	0.0012	0.0066
46	-705	730	-0.8610	-714	721	-0.8610	0.0000	0.0054
48	-689	715	-0.8424	-697	703	-0.8400	0.0024	0.0054
50	-671	699	-0.8220	-679	686	-0.8190	0.0030	0.0030
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36  
**DESCRIPTION**

**CURRENT SURVEY** 7/30/2009 2:22:16 PM

**INITIAL SURVEY** 5/19/2009 6:39:07 AM

**DATE PRINTED** 10/15/2009 10:29:28 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	407	-381	0.4728	581	-581	0.6972	0.2244	0.2718
4	310	-284	0.3564	309	-304	0.3678	0.0114	0.0474
6	246	-222	0.2808	231	-228	0.2754	-0.0054	0.0360
8	289	-260	0.3294	279	-275	0.3324	0.0030	0.0414
10	353	-325	0.4068	341	-336	0.4062	-0.0006	0.0384
12	313	-287	0.3600	305	-302	0.3642	0.0042	0.0390
14	259	-234	0.2958	249	-246	0.2970	0.0012	0.0348
16	125	-101	0.1356	116	-115	0.1386	0.0030	0.0336
18	-14	36	-0.0300	-23	25	-0.0288	0.0012	0.0306
20	-174	197	-0.2226	-185	185	-0.2220	0.0006	0.0294
22	-250	270	-0.3120	-257	257	-0.3084	0.0036	0.0288
24	-261	287	-0.3288	-269	273	-0.3252	0.0036	0.0252
26	-328	351	-0.4074	-336	338	-0.4044	0.0030	0.0216
28	-334	358	-0.4152	-343	345	-0.4128	0.0024	0.0186
30	-316	339	-0.3930	-324	327	-0.3906	0.0024	0.0162
32	-489	513	-0.6012	-496	499	-0.5970	0.0042	0.0138
34	-546	572	-0.6708	-557	559	-0.6696	0.0012	0.0096
36	-575	601	-0.7056	-586	587	-0.7038	0.0018	0.0084
38	-553	578	-0.6786	-563	566	-0.6774	0.0012	0.0066
40	-548	572	-0.6720	-559	561	-0.6720	0.0000	0.0054
42	-630	655	-0.7710	-639	641	-0.7680	0.0030	0.0054
44	-667	692	-0.8154	-677	679	-0.8136	0.0018	0.0024
46	-705	730	-0.8610	-718	719	-0.8622	-0.0012	0.0006
48	-689	715	-0.8424	-701	702	-0.8418	0.0006	0.0018
50	-671	699	-0.8220	-682	686	-0.8208	0.0012	0.0012
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36  
**DESCRIPTION**

**CURRENT SURVEY** 8/12/2009 11:55:34 AM

**INITIAL SURVEY** 5/19/2009 6:39:07 AM

**DATE PRINTED** 10/15/2009 10:29:28 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	407	-381	0.4728	582	-580	0.6972	0.2244	0.2676
4	310	-284	0.3564	313	-303	0.3696	0.0132	0.0432
6	246	-222	0.2808	233	-227	0.2760	-0.0048	0.0300
8	289	-260	0.3294	281	-274	0.3330	0.0036	0.0348
10	353	-325	0.4068	342	-334	0.4056	-0.0012	0.0312
12	313	-287	0.3600	307	-299	0.3636	0.0036	0.0324
14	259	-234	0.2958	251	-243	0.2964	0.0006	0.0288
16	125	-101	0.1356	118	-114	0.1392	0.0036	0.0282
18	-14	36	-0.0300	-19	27	-0.0276	0.0024	0.0246
20	-174	197	-0.2226	-182	187	-0.2214	0.0012	0.0222
22	-250	270	-0.3120	-254	258	-0.3072	0.0048	0.0210
24	-261	287	-0.3288	-267	275	-0.3252	0.0036	0.0162
26	-328	351	-0.4074	-334	339	-0.4038	0.0036	0.0126
28	-334	358	-0.4152	-341	347	-0.4128	0.0024	0.0090
30	-316	339	-0.3930	-323	329	-0.3912	0.0018	0.0066
32	-489	513	-0.6012	-494	501	-0.5970	0.0042	0.0048
34	-546	572	-0.6708	-556	562	-0.6708	0.0000	0.0006
36	-575	601	-0.7056	-586	590	-0.7056	0.0000	0.0006
38	-553	578	-0.6786	-563	569	-0.6792	-0.0006	0.0006
40	-548	572	-0.6720	-557	563	-0.6720	0.0000	0.0012
42	-630	655	-0.7710	-637	643	-0.7680	0.0030	0.0012
44	-667	692	-0.8154	-675	682	-0.8142	0.0012	-0.0018
46	-705	730	-0.8610	-717	722	-0.8634	-0.0024	-0.0030
48	-689	715	-0.8424	-699	706	-0.8430	-0.0006	-0.0006
50	-671	699	-0.8220	-681	689	-0.8220	0.0000	0.0000
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36  
**DESCRIPTION**

**CURRENT SURVEY** 9/8/2009 3:43:35 PM

**INITIAL SURVEY** 5/19/2009 6:39:07 AM

**DATE PRINTED** 10/15/2009 10:29:28 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	407	-381	0.4728	569	-567	0.6816	0.2088	0.2820
4	310	-284	0.3564	313	-305	0.3708	0.0144	0.0732
6	246	-222	0.2808	232	-227	0.2754	-0.0054	0.0588
8	289	-260	0.3294	281	-275	0.3336	0.0042	0.0642
10	353	-325	0.4068	342	-335	0.4062	-0.0006	0.0600
12	313	-287	0.3600	307	-304	0.3666	0.0066	0.0606
14	259	-234	0.2958	251	-245	0.2976	0.0018	0.0540
16	125	-101	0.1356	119	-116	0.1410	0.0054	0.0522
18	-14	36	-0.0300	-21	24	-0.0270	0.0030	0.0468
20	-174	197	-0.2226	-182	184	-0.2196	0.0030	0.0438
22	-250	270	-0.3120	-255	257	-0.3072	0.0048	0.0408
24	-261	287	-0.3288	-267	273	-0.3240	0.0048	0.0360
26	-328	351	-0.4074	-334	338	-0.4032	0.0042	0.0312
28	-334	358	-0.4152	-341	345	-0.4116	0.0036	0.0270
30	-316	339	-0.3930	-323	326	-0.3894	0.0036	0.0234
32	-489	513	-0.6012	-495	496	-0.5946	0.0066	0.0198
34	-546	572	-0.6708	-556	561	-0.6702	0.0006	0.0132
36	-575	601	-0.7056	-585	589	-0.7044	0.0012	0.0126
38	-553	578	-0.6786	-563	566	-0.6774	0.0012	0.0114
40	-548	572	-0.6720	-558	561	-0.6714	0.0006	0.0102
42	-630	655	-0.7710	-637	639	-0.7656	0.0054	0.0096
44	-667	692	-0.8154	-675	680	-0.8130	0.0024	0.0042
46	-705	730	-0.8610	-717	720	-0.8622	-0.0012	0.0018
48	-689	715	-0.8424	-699	703	-0.8412	0.0012	0.0030
50	-671	699	-0.8220	-681	686	-0.8202	0.0018	0.0018
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000



**SITE** JSF  
**INSTALLATION** JS36  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 12:14:10 PM

**INITIAL SURVEY** 5/19/2009 6:39:07 AM

**DATE PRINTED** 10/15/2009 10:29:28 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	407	-381	0.4728	717	-709	0.8556	0.3828	0.4416
4	310	-284	0.3564	318	-305	0.3738	0.0174	0.0588
6	246	-222	0.2808	233	-223	0.2736	-0.0072	0.0414
8	289	-260	0.3294	283	-271	0.3324	0.0030	0.0486
10	353	-325	0.4068	343	-331	0.4044	-0.0024	0.0456
12	313	-287	0.3600	309	-298	0.3642	0.0042	0.0480
14	259	-234	0.2958	254	-242	0.2976	0.0018	0.0438
16	125	-101	0.1356	123	-111	0.1404	0.0048	0.0420
18	-14	36	-0.0300	-19	29	-0.0288	0.0012	0.0372
20	-174	197	-0.2226	-179	190	-0.2214	0.0012	0.0360
22	-250	270	-0.3120	-251	260	-0.3066	0.0054	0.0348
24	-261	287	-0.3288	-265	277	-0.3252	0.0036	0.0294
26	-328	351	-0.4074	-332	343	-0.4050	0.0024	0.0258
28	-334	358	-0.4152	-338	348	-0.4116	0.0036	0.0234
30	-316	339	-0.3930	-319	330	-0.3894	0.0036	0.0198
32	-489	513	-0.6012	-492	502	-0.5964	0.0048	0.0162
34	-546	572	-0.6708	-552	564	-0.6696	0.0012	0.0114
36	-575	601	-0.7056	-583	592	-0.7050	0.0006	0.0102
38	-553	578	-0.6786	-560	570	-0.6780	0.0006	0.0096
40	-548	572	-0.6720	-555	565	-0.6720	0.0000	0.0090
42	-630	655	-0.7710	-633	643	-0.7656	0.0054	0.0090
44	-667	692	-0.8154	-672	683	-0.8130	0.0024	0.0036
46	-705	730	-0.8610	-713	723	-0.8616	-0.0006	0.0012
48	-689	715	-0.8424	-696	706	-0.8412	0.0012	0.0018
50	-671	699	-0.8220	-679	690	-0.8214	0.0006	0.0006
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36  
**DESCRIPTION**

**CURRENT SURVEY** 7/13/2009 1:16:39 PM  
**INITIAL SURVEY** 5/19/2009 6:39:07 AM  
**DATE PRINTED** 10/15/2009 10:29:36 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-127	151	-0.1668	-166	203	-0.2214	-0.0546	-0.0606
4	-27	63	-0.0540	-22	77	-0.0594	-0.0054	-0.0060
6	-17	48	-0.0390	-11	55	-0.0396	-0.0006	-0.0006
8	81	-66	0.0882	94	-66	0.0960	0.0078	0.0000
10	281	-273	0.3324	293	-265	0.3348	0.0024	-0.0078
12	540	-517	0.6342	552	-510	0.6372	0.0030	-0.0102
14	679	-649	0.7968	688	-640	0.7968	0.0000	-0.0132
16	707	-678	0.8310	713	-664	0.8262	-0.0048	-0.0132
18	614	-582	0.7176	619	-566	0.7110	-0.0066	-0.0084
20	515	-484	0.5994	515	-471	0.5916	-0.0078	-0.0018
22	408	-386	0.4764	421	-373	0.4764	0.0000	0.0060
24	376	-343	0.4314	387	-329	0.4296	-0.0018	0.0060
26	294	-265	0.3354	303	-251	0.3324	-0.0030	0.0078
28	212	-178	0.2340	221	-167	0.2328	-0.0012	0.0108
30	164	-127	0.1746	175	-115	0.1740	-0.0006	0.0120
32	122	-94	0.1296	138	-87	0.1350	0.0054	0.0126
34	98	-65	0.0978	109	-56	0.0990	0.0012	0.0072
36	87	-61	0.0888	99	-49	0.0888	0.0000	0.0060
38	44	-11	0.0330	59	-2	0.0366	0.0036	0.0060
40	25	10	0.0090	37	22	0.0090	0.0000	0.0024
42	52	-32	0.0504	63	-20	0.0498	-0.0006	0.0024
44	81	-56	0.0822	95	-42	0.0822	0.0000	0.0030
46	125	-105	0.1380	142	-90	0.1392	0.0012	0.0030
48	188	-153	0.2046	199	-145	0.2064	0.0018	0.0018
50	233	-218	0.2706	232	-219	0.2706	0.0000	0.0000
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36  
**DESCRIPTION**

**CURRENT SURVEY** 7/30/2009 2:22:16 PM

**INITIAL SURVEY** 5/19/2009 6:39:07 AM

**DATE PRINTED** 10/15/2009 10:29:36 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-127	151	-0.1668	-167	207	-0.2244	-0.0576	-0.0318
4	-27	63	-0.0540	-20	78	-0.0588	-0.0048	0.0258
6	-17	48	-0.0390	-9	62	-0.0426	-0.0036	0.0306
8	81	-66	0.0882	101	-66	0.1002	0.0120	0.0342
10	281	-273	0.3324	297	-264	0.3366	0.0042	0.0222
12	540	-517	0.6342	558	-509	0.6402	0.0060	0.0180
14	679	-649	0.7968	692	-637	0.7974	0.0006	0.0120
16	707	-678	0.8310	716	-662	0.8268	-0.0042	0.0114
18	614	-582	0.7176	622	-565	0.7122	-0.0054	0.0156
20	515	-484	0.5994	519	-470	0.5934	-0.0060	0.0210
22	408	-386	0.4764	423	-372	0.4770	0.0006	0.0270
24	376	-343	0.4314	389	-330	0.4314	0.0000	0.0264
26	294	-265	0.3354	307	-250	0.3342	-0.0012	0.0264
28	212	-178	0.2340	224	-166	0.2340	0.0000	0.0276
30	164	-127	0.1746	175	-114	0.1734	-0.0012	0.0276
32	122	-94	0.1296	139	-85	0.1344	0.0048	0.0288
34	98	-65	0.0978	111	-60	0.1026	0.0048	0.0240
36	87	-61	0.0888	99	-47	0.0876	-0.0012	0.0192
38	44	-11	0.0330	63	-3	0.0396	0.0066	0.0204
40	25	10	0.0090	40	22	0.0108	0.0018	0.0138
42	52	-32	0.0504	68	-20	0.0528	0.0024	0.0120
44	81	-56	0.0822	99	-41	0.0840	0.0018	0.0096
46	125	-105	0.1380	146	-88	0.1404	0.0024	0.0078
48	188	-153	0.2046	203	-143	0.2076	0.0030	0.0054
50	233	-218	0.2706	236	-219	0.2730	0.0024	0.0024
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36  
**DESCRIPTION**

**CURRENT SURVEY** 8/12/2009 11:55:34 AM

**INITIAL SURVEY** 5/19/2009 6:39:07 AM

**DATE PRINTED** 10/15/2009 10:29:36 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-127	151	-0.1668	-169	208	-0.2262	-0.0594	-0.0522
4	-27	63	-0.0540	-21	77	-0.0588	-0.0048	0.0072
6	-17	48	-0.0390	-9	61	-0.0420	-0.0030	0.0120
8	81	-66	0.0882	66	-68	0.0804	-0.0078	0.0150
10	281	-273	0.3324	290	-266	0.3336	0.0012	0.0228
12	540	-517	0.6342	554	-510	0.6384	0.0042	0.0216
14	679	-649	0.7968	689	-637	0.7956	-0.0012	0.0174
16	707	-678	0.8310	716	-663	0.8274	-0.0036	0.0186
18	614	-582	0.7176	621	-567	0.7128	-0.0048	0.0222
20	515	-484	0.5994	518	-473	0.5946	-0.0048	0.0270
22	408	-386	0.4764	422	-374	0.4776	0.0012	0.0318
24	376	-343	0.4314	388	-333	0.4326	0.0012	0.0306
26	294	-265	0.3354	306	-254	0.3360	0.0006	0.0294
28	212	-178	0.2340	223	-167	0.2340	0.0000	0.0288
30	164	-127	0.1746	175	-115	0.1740	-0.0006	0.0288
32	122	-94	0.1296	135	-89	0.1344	0.0048	0.0294
34	98	-65	0.0978	111	-59	0.1020	0.0042	0.0246
36	87	-61	0.0888	101	-49	0.0900	0.0012	0.0204
38	44	-11	0.0330	62	-5	0.0402	0.0072	0.0192
40	25	10	0.0090	39	21	0.0108	0.0018	0.0120
42	52	-32	0.0504	65	-21	0.0516	0.0012	0.0102
44	81	-56	0.0822	97	-44	0.0846	0.0024	0.0090
46	125	-105	0.1380	143	-90	0.1398	0.0018	0.0066
48	188	-153	0.2046	201	-147	0.2088	0.0042	0.0048
50	233	-218	0.2706	235	-217	0.2712	0.0006	0.0006
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36  
**DESCRIPTION**

**CURRENT SURVEY** 9/8/2009 3:43:35 PM

**INITIAL SURVEY** 5/19/2009 6:39:07 AM

**DATE PRINTED** 10/15/2009 10:29:36 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-127	151	-0.1668	-115	167	-0.1692	-0.0024	0.0192
4	-27	63	-0.0540	-11	72	-0.0498	0.0042	0.0216
6	-17	48	-0.0390	-8	58	-0.0396	-0.0006	0.0174
8	81	-66	0.0882	99	-62	0.0966	0.0084	0.0180
10	281	-273	0.3324	296	-260	0.3336	0.0012	0.0096
12	540	-517	0.6342	555	-506	0.6366	0.0024	0.0084
14	679	-649	0.7968	690	-635	0.7950	-0.0018	0.0060
16	707	-678	0.8310	717	-661	0.8268	-0.0042	0.0078
18	614	-582	0.7176	623	-564	0.7122	-0.0054	0.0120
20	515	-484	0.5994	519	-469	0.5928	-0.0066	0.0174
22	408	-386	0.4764	423	-371	0.4764	0.0000	0.0240
24	376	-343	0.4314	389	-330	0.4314	0.0000	0.0240
26	294	-265	0.3354	308	-251	0.3354	0.0000	0.0240
28	212	-178	0.2340	225	-165	0.2340	0.0000	0.0240
30	164	-127	0.1746	179	-114	0.1758	0.0012	0.0240
32	122	-94	0.1296	138	-83	0.1326	0.0030	0.0228
34	98	-65	0.0978	113	-55	0.1008	0.0030	0.0198
36	87	-61	0.0888	104	-46	0.0900	0.0012	0.0168
38	44	-11	0.0330	63	-2	0.0390	0.0060	0.0156
40	25	10	0.0090	39	24	0.0090	0.0000	0.0096
42	52	-32	0.0504	69	-18	0.0522	0.0018	0.0096
44	81	-56	0.0822	99	-40	0.0834	0.0012	0.0078
46	125	-105	0.1380	144	-87	0.1386	0.0006	0.0066
48	188	-153	0.2046	201	-143	0.2064	0.0018	0.0060
50	233	-218	0.2706	243	-215	0.2748	0.0042	0.0042
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 12:14:10 PM

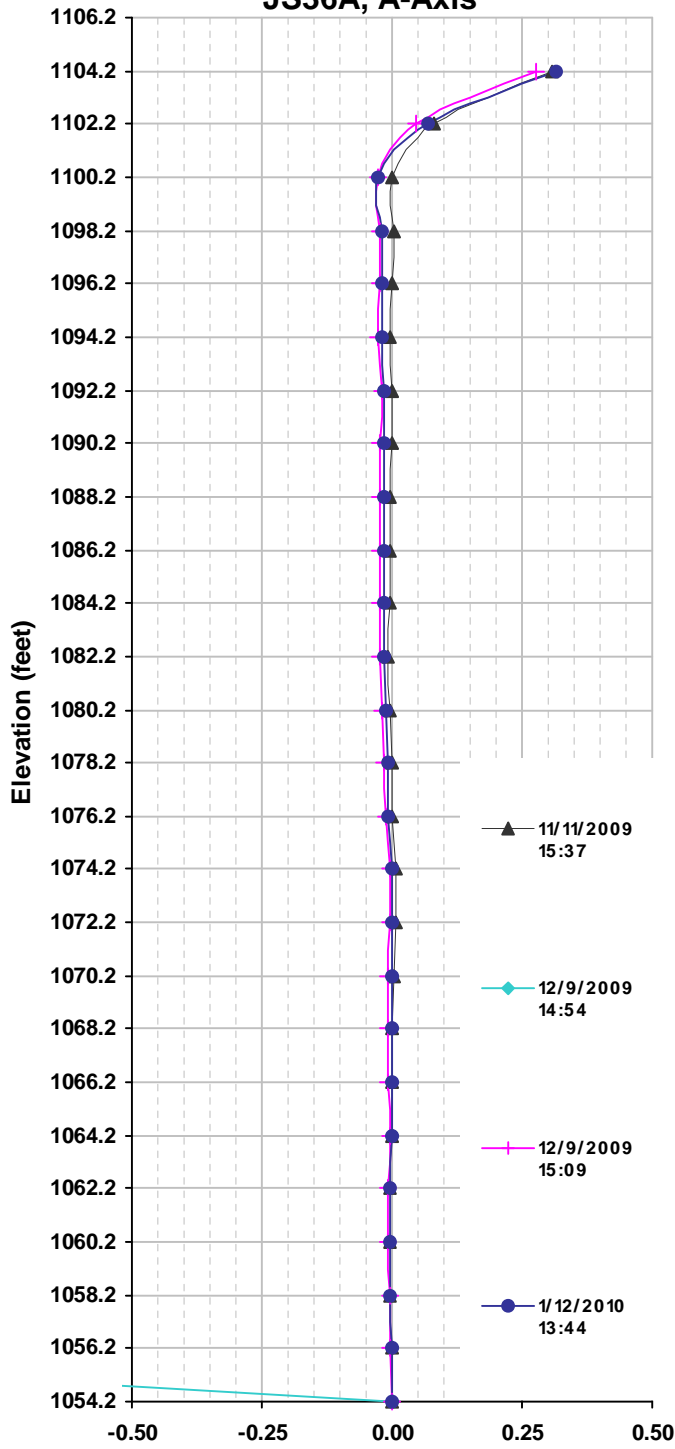
**INITIAL SURVEY** 5/19/2009 6:39:07 AM

**DATE PRINTED** 10/15/2009 10:29:36 AM

Data Reduction for B Axis:

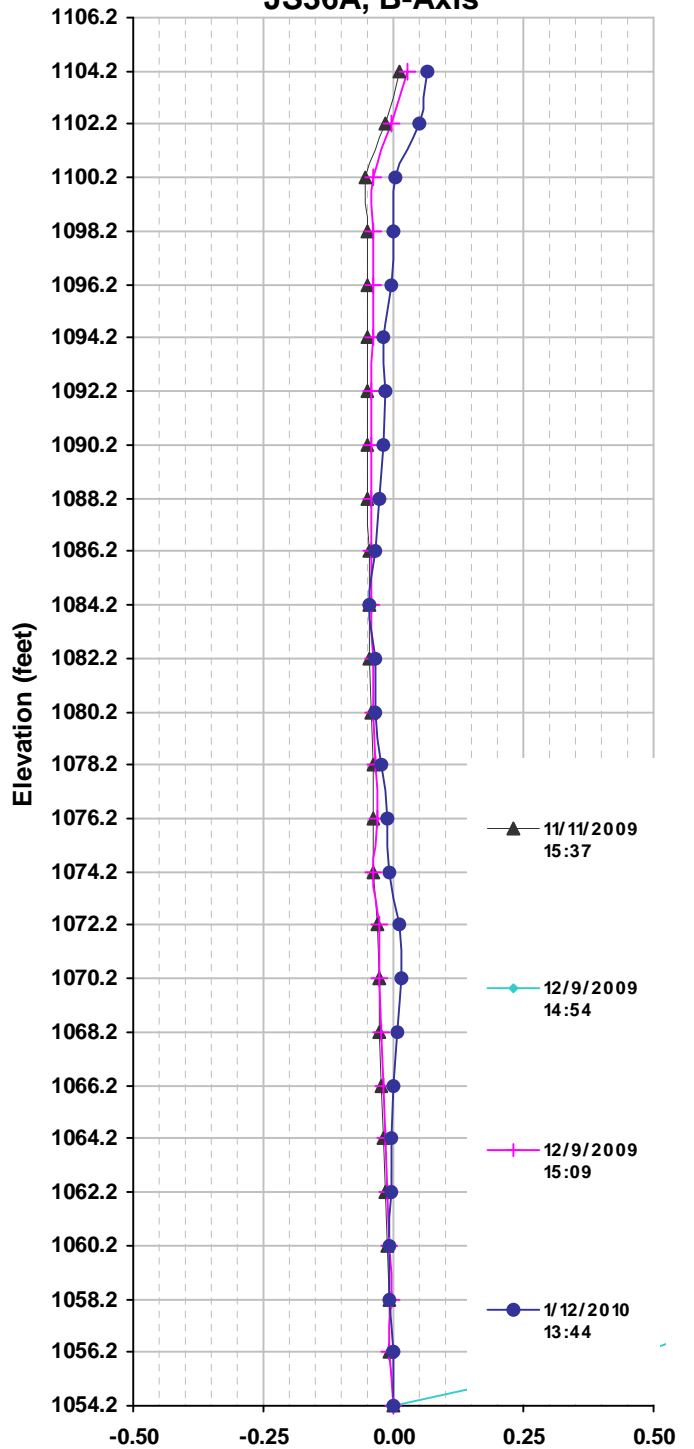
Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-127	151	-0.1668	-143	187	-0.1980	-0.0312	-0.0168
4	-27	63	-0.0540	-10	66	-0.0456	0.0084	0.0144
6	-17	48	-0.0390	-10	61	-0.0426	-0.0036	0.0060
8	81	-66	0.0882	98	-68	0.0996	0.0114	0.0096
10	281	-273	0.3324	289	-264	0.3318	-0.0006	-0.0018
12	540	-517	0.6342	554	-509	0.6378	0.0036	-0.0012
14	679	-649	0.7968	687	-635	0.7932	-0.0036	-0.0048
16	707	-678	0.8310	715	-662	0.8262	-0.0048	-0.0012
18	614	-582	0.7176	621	-566	0.7122	-0.0054	0.0036
20	515	-484	0.5994	520	-470	0.5940	-0.0054	0.0090
22	408	-386	0.4764	423	-371	0.4764	0.0000	0.0144
24	376	-343	0.4314	388	-330	0.4308	-0.0006	0.0144
26	294	-265	0.3354	306	-254	0.3360	0.0006	0.0150
28	212	-178	0.2340	223	-167	0.2340	0.0000	0.0144
30	164	-127	0.1746	178	-116	0.1764	0.0018	0.0144
32	122	-94	0.1296	135	-87	0.1332	0.0036	0.0126
34	98	-65	0.0978	108	-55	0.0978	0.0000	0.0090
36	87	-61	0.0888	93	-48	0.0846	-0.0042	0.0090
38	44	-11	0.0330	61	-4	0.0390	0.0060	0.0132
40	25	10	0.0090	38	18	0.0120	0.0030	0.0072
42	52	-32	0.0504	65	-20	0.0510	0.0006	0.0042
44	81	-56	0.0822	96	-43	0.0834	0.0012	0.0036
46	125	-105	0.1380	141	-89	0.1380	0.0000	0.0024
48	188	-153	0.2046	199	-144	0.2058	0.0012	0.0024
50	233	-218	0.2706	233	-220	0.2718	0.0012	0.0012
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**JS36A, A-Axis**

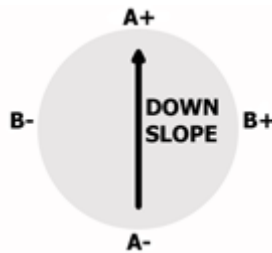


Cumulative Displacement (in) from 5/18/2009

**JS36A, B-Axis**



Cumulative Displacement (in) from 5/18/2009



**John Sevier Fossil Plant**

**Rogersville, TN**

**175569038**

**1/14/2010**

**SITE** JSF  
**INSTALLATION** JS36A  
**DESCRIPTION**

**CURRENT SURVEY** 11/11/2009 3:37:38 PM

**INITIAL SURVEY** 5/18/2009 4:13:53 PM

**DATE PRINTED** 1/14/2010 12:19:00 PM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	54	-31	0.0510	238	-230	0.2808	0.2298	0.3090
4	-91	112	-0.1218	-33	39	-0.0432	0.0786	0.0792
6	-61	81	-0.0852	-70	77	-0.0882	-0.0030	0.0006
8	54	-35	0.0534	50	-43	0.0558	0.0024	0.0036
10	176	-156	0.1992	173	-166	0.2034	0.0042	0.0012
12	208	-185	0.2358	198	-189	0.2322	-0.0036	-0.0030
14	215	-196	0.2466	210	-204	0.2484	0.0018	0.0006
16	245	-227	0.2832	241	-235	0.2856	0.0024	-0.0012
18	280	-261	0.3246	274	-267	0.3246	0.0000	-0.0036
20	323	-303	0.3756	317	-312	0.3774	0.0018	-0.0036
22	371	-349	0.4320	365	-356	0.4326	0.0006	-0.0054
24	441	-421	0.5172	433	-426	0.5154	-0.0018	-0.0060
26	581	-562	0.6858	572	-566	0.6828	-0.0030	-0.0042
28	730	-712	0.8652	722	-716	0.8628	-0.0024	-0.0012
30	819	-798	0.9702	807	-801	0.9648	-0.0054	0.0012
32	845	-824	1.0014	839	-830	1.0014	0.0000	0.0066
34	833	-814	0.9882	829	-823	0.9912	0.0030	0.0066
36	761	-741	0.9012	757	-749	0.9036	0.0024	0.0036
38	692	-673	0.8190	687	-682	0.8214	0.0024	0.0012
40	694	-677	0.8226	689	-680	0.8214	-0.0012	-0.0012
42	699	-674	0.8238	694	-686	0.8280	0.0042	0.0000
44	693	-671	0.8184	685	-679	0.8184	0.0000	-0.0042
46	741	-722	0.8778	733	-727	0.8760	-0.0018	-0.0042
48	757	-737	0.8964	749	-742	0.8946	-0.0018	-0.0024
50	855	-834	1.0134	847	-841	1.0128	-0.0006	-0.0006
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000



**SITE** JSF  
**INSTALLATION** JS36A  
**DESCRIPTION**

**CURRENT SURVEY** 12/9/2009 2:54:36 PM

**INITIAL SURVEY** 5/18/2009 4:13:53 PM

**DATE PRINTED** 1/14/2010 12:19:00 PM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	54	-31	0.0510	697	-689	0.8316	0.7806	-20.4336
4	-91	112	-0.1218	331	-316	0.3882	0.5100	-21.2142
6	-61	81	-0.0852	239	-225	0.2784	0.3636	-21.7242
8	54	-35	0.0534	287	-271	0.3348	0.2814	-22.0878
10	176	-156	0.1992	345	-329	0.4044	0.2052	-22.3692
12	208	-185	0.2358	313	-298	0.3666	0.1308	-22.5744
14	215	-196	0.2466	257	-241	0.2988	0.0522	-22.7052
16	245	-227	0.2832	123	-112	0.1410	-0.1422	-22.7574
18	280	-261	0.3246	-14	29	-0.0258	-0.3504	-22.6152
20	323	-303	0.3756	-177	190	-0.2202	-0.5958	-22.2648
22	371	-349	0.4320	-248	261	-0.3054	-0.7374	-21.6690
24	441	-421	0.5172	-261	277	-0.3228	-0.8400	-20.9316
26	581	-562	0.6858	-331	343	-0.4044	-1.0902	-20.0916
28	730	-712	0.8652	-335	349	-0.4104	-1.2756	-19.0014
30	819	-798	0.9702	-316	331	-0.3882	-1.3584	-17.7258
32	845	-824	1.0014	-487	502	-0.5934	-1.5948	-16.3674
34	833	-814	0.9882	-549	565	-0.6684	-1.6566	-14.7726
36	761	-741	0.9012	-579	594	-0.7038	-1.6050	-13.1160
38	692	-673	0.8190	-556	571	-0.6762	-1.4952	-11.5110
40	694	-677	0.8226	-551	565	-0.6696	-1.4922	-10.0158
42	699	-674	0.8238	-629	645	-0.7644	-1.5882	-8.5236
44	693	-671	0.8184	-668	683	-0.8106	-1.6290	-6.9354
46	741	-722	0.8778	-709	724	-0.8598	-1.7376	-5.3064
48	757	-737	0.8964	-693	707	-0.8400	-1.7364	-3.5688
50	855	-834	1.0134	-675	690	-0.8190	-1.8324	-1.8324
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36A  
**DESCRIPTION**

**CURRENT SURVEY** 12/9/2009 3:09:47 PM

**INITIAL SURVEY** 5/18/2009 4:13:53 PM

**DATE PRINTED** 1/14/2010 12:19:00 PM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	54	-31	0.0510	239	-229	0.2808	0.2298	0.2772
4	-91	112	-0.1218	-33	45	-0.0468	0.0750	0.0474
6	-61	81	-0.0852	-70	80	-0.0900	-0.0048	-0.0276
8	54	-35	0.0534	51	-41	0.0552	0.0018	-0.0228
10	176	-156	0.1992	173	-163	0.2016	0.0024	-0.0246
12	208	-185	0.2358	198	-185	0.2298	-0.0060	-0.0270
14	215	-196	0.2466	211	-201	0.2472	0.0006	-0.0210
16	245	-227	0.2832	242	-233	0.2850	0.0018	-0.0216
18	280	-261	0.3246	274	-264	0.3228	-0.0018	-0.0234
20	323	-303	0.3756	319	-308	0.3762	0.0006	-0.0216
22	371	-349	0.4320	366	-353	0.4314	-0.0006	-0.0222
24	441	-421	0.5172	434	-423	0.5142	-0.0030	-0.0216
26	581	-562	0.6858	574	-561	0.6810	-0.0048	-0.0186
28	730	-712	0.8652	725	-713	0.8628	-0.0024	-0.0138
30	819	-798	0.9702	809	-797	0.9636	-0.0066	-0.0114
32	845	-824	1.0014	841	-827	1.0008	-0.0006	-0.0048
34	833	-814	0.9882	832	-819	0.9906	0.0024	-0.0042
36	761	-741	0.9012	758	-746	0.9024	0.0012	-0.0066
38	692	-673	0.8190	688	-678	0.8196	0.0006	-0.0078
40	694	-677	0.8226	689	-677	0.8196	-0.0030	-0.0084
42	699	-674	0.8238	694	-682	0.8256	0.0018	-0.0054
44	693	-671	0.8184	687	-677	0.8184	0.0000	-0.0072
46	741	-722	0.8778	735	-725	0.8760	-0.0018	-0.0072
48	757	-737	0.8964	750	-739	0.8934	-0.0030	-0.0054
50	855	-834	1.0134	848	-837	1.0110	-0.0024	-0.0024
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36A  
**DESCRIPTION**

**CURRENT SURVEY** 1/12/2010 1:44:51 PM

**INITIAL SURVEY** 5/18/2009 4:13:53 PM

**DATE PRINTED** 1/14/2010 12:19:00 PM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	54	-31	0.0510	247	-248	0.2970	0.2460	0.3150
4	-91	112	-0.1218	-22	18	-0.0240	0.0978	0.0690
6	-61	81	-0.0852	-79	77	-0.0936	-0.0084	-0.0288
8	54	-35	0.0534	44	-44	0.0528	-0.0006	-0.0204
10	176	-156	0.1992	165	-167	0.1992	0.0000	-0.0198
12	208	-185	0.2358	192	-192	0.2304	-0.0054	-0.0198
14	215	-196	0.2466	205	-207	0.2472	0.0006	-0.0144
16	245	-227	0.2832	236	-237	0.2838	0.0006	-0.0150
18	280	-261	0.3246	269	-270	0.3234	-0.0012	-0.0156
20	323	-303	0.3756	313	-313	0.3756	0.0000	-0.0144
22	371	-349	0.4320	360	-359	0.4314	-0.0006	-0.0144
24	441	-421	0.5172	428	-430	0.5148	-0.0024	-0.0138
26	581	-562	0.6858	569	-570	0.6834	-0.0024	-0.0114
28	730	-712	0.8652	718	-720	0.8628	-0.0024	-0.0090
30	819	-798	0.9702	802	-805	0.9642	-0.0060	-0.0066
32	845	-824	1.0014	833	-834	1.0002	-0.0012	-0.0006
34	833	-814	0.9882	824	-827	0.9906	0.0024	0.0006
36	761	-741	0.9012	750	-752	0.9012	0.0000	-0.0018
38	692	-673	0.8190	680	-684	0.8184	-0.0006	-0.0018
40	694	-677	0.8226	684	-684	0.8208	-0.0018	-0.0012
42	699	-674	0.8238	688	-690	0.8268	0.0030	0.0006
44	693	-671	0.8184	681	-684	0.8190	0.0006	-0.0024
46	741	-722	0.8778	731	-732	0.8778	0.0000	-0.0030
48	757	-737	0.8964	744	-746	0.8940	-0.0024	-0.0030
50	855	-834	1.0134	843	-845	1.0128	-0.0006	-0.0006
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36A  
**DESCRIPTION**

**CURRENT SURVEY** 11/11/2009 3:37:38 PM

**INITIAL SURVEY** 5/18/2009 4:13:53 PM

**DATE PRINTED** 1/14/2010 12:19:16 PM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	149	-125	0.1644	181	-137	0.1908	0.0264	0.0108
4	6	22	-0.0096	51	6	0.0270	0.0366	-0.0156
6	-56	93	-0.0894	-45	106	-0.0906	-0.0012	-0.0522
8	-77	115	-0.1152	-65	131	-0.1176	-0.0024	-0.0510
10	-79	117	-0.1176	-63	131	-0.1164	0.0012	-0.0486
12	-46	78	-0.0744	-34	90	-0.0744	0.0000	-0.0498
14	-49	85	-0.0804	-37	98	-0.0810	-0.0006	-0.0498
16	-34	73	-0.0642	-20	86	-0.0636	0.0006	-0.0492
18	-38	78	-0.0696	-25	94	-0.0714	-0.0018	-0.0498
20	-22	62	-0.0504	-9	77	-0.0516	-0.0012	-0.0480
22	9	30	-0.0126	21	46	-0.0150	-0.0024	-0.0468
24	-14	51	-0.0390	-2	67	-0.0414	-0.0024	-0.0444
26	-16	53	-0.0414	-3	70	-0.0438	-0.0024	-0.0420
28	-102	137	-0.1434	-89	155	-0.1464	-0.0030	-0.0396
30	-161	200	-0.2166	-143	212	-0.2130	0.0036	-0.0366
32	-206	235	-0.2646	-200	257	-0.2742	-0.0096	-0.0402
34	-305	340	-0.3870	-293	356	-0.3894	-0.0024	-0.0306
36	-333	370	-0.4218	-319	386	-0.4230	-0.0012	-0.0282
38	-262	297	-0.3354	-253	312	-0.3390	-0.0036	-0.0270
40	-179	217	-0.2376	-171	230	-0.2406	-0.0030	-0.0234
42	-118	155	-0.1638	-106	173	-0.1674	-0.0036	-0.0204
44	-116	153	-0.1614	-106	169	-0.1650	-0.0036	-0.0168
46	-85	121	-0.1236	-74	139	-0.1278	-0.0042	-0.0132
48	-63	94	-0.0942	-50	111	-0.0966	-0.0024	-0.0090
50	-152	185	-0.2022	-143	205	-0.2088	-0.0066	-0.0066
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36A  
**DESCRIPTION**

**CURRENT SURVEY** 12/9/2009 2:54:36 PM

**INITIAL SURVEY** 5/18/2009 4:13:53 PM

**DATE PRINTED** 1/14/2010 12:19:16 PM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	149	-125	0.1644	-140	198	-0.2028	-0.3672	9.8166
4	6	22	-0.0096	-14	73	-0.0522	-0.0426	10.1838
6	-56	93	-0.0894	-10	68	-0.0468	0.0426	10.2264
8	-77	115	-0.1152	102	-63	0.0990	0.2142	10.1838
10	-79	117	-0.1176	296	-260	0.3336	0.4512	9.9696
12	-46	78	-0.0744	553	-503	0.6336	0.7080	9.5184
14	-49	85	-0.0804	692	-630	0.7932	0.8736	8.8104
16	-34	73	-0.0642	719	-659	0.8268	0.8910	7.9368
18	-38	78	-0.0696	626	-567	0.7158	0.7854	7.0458
20	-22	62	-0.0504	521	-467	0.5928	0.6432	6.2604
22	9	30	-0.0126	426	-368	0.4764	0.4890	5.6172
24	-14	51	-0.0390	393	-330	0.4338	0.4728	5.1282
26	-16	53	-0.0414	309	-248	0.3342	0.3756	4.6554
28	-102	137	-0.1434	229	-162	0.2346	0.3780	4.2798
30	-161	200	-0.2166	181	-113	0.1764	0.3930	3.9018
32	-206	235	-0.2646	139	-80	0.1314	0.3960	3.5088
34	-305	340	-0.3870	115	-52	0.1002	0.4872	3.1128
36	-333	370	-0.4218	105	-43	0.0888	0.5106	2.6256
38	-262	297	-0.3354	67	-1	0.0408	0.3762	2.1150
40	-179	217	-0.2376	43	25	0.0108	0.2484	1.7388
42	-118	155	-0.1638	69	-15	0.0504	0.2142	1.4904
44	-116	153	-0.1614	99	-41	0.0840	0.2454	1.2762
46	-85	121	-0.1236	146	-83	0.1374	0.2610	1.0308
48	-63	94	-0.0942	202	-143	0.2070	0.3012	0.7698
50	-152	185	-0.2022	238	-206	0.2664	0.4686	0.4686
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36A  
**DESCRIPTION**

**CURRENT SURVEY** 12/9/2009 3:09:47 PM

**INITIAL SURVEY** 5/18/2009 4:13:53 PM

**DATE PRINTED** 1/14/2010 12:19:16 PM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	149	-125	0.1644	187	-134	0.1926	0.0282	0.0258
4	6	22	-0.0096	51	5	0.0276	0.0372	-0.0024
6	-56	93	-0.0894	-44	106	-0.0900	-0.0006	-0.0396
8	-77	115	-0.1152	-62	130	-0.1152	0.0000	-0.0390
10	-79	117	-0.1176	-63	131	-0.1164	0.0012	-0.0390
12	-46	78	-0.0744	-30	92	-0.0732	0.0012	-0.0402
14	-49	85	-0.0804	-34	98	-0.0792	0.0012	-0.0414
16	-34	73	-0.0642	-19	86	-0.0630	0.0012	-0.0426
18	-38	78	-0.0696	-23	96	-0.0714	-0.0018	-0.0438
20	-22	62	-0.0504	-7	79	-0.0516	-0.0012	-0.0420
22	9	30	-0.0126	23	47	-0.0144	-0.0018	-0.0408
24	-14	51	-0.0390	-1	66	-0.0402	-0.0012	-0.0390
26	-16	53	-0.0414	-2	70	-0.0432	-0.0018	-0.0378
28	-102	137	-0.1434	-89	156	-0.1470	-0.0036	-0.0360
30	-161	200	-0.2166	-143	211	-0.2124	0.0042	-0.0324
32	-206	235	-0.2646	-196	259	-0.2730	-0.0084	-0.0366
34	-305	340	-0.3870	-292	358	-0.3900	-0.0030	-0.0282
36	-333	370	-0.4218	-320	386	-0.4236	-0.0018	-0.0252
38	-262	297	-0.3354	-253	310	-0.3378	-0.0024	-0.0234
40	-179	217	-0.2376	-170	238	-0.2448	-0.0072	-0.0210
42	-118	155	-0.1638	-104	173	-0.1662	-0.0024	-0.0138
44	-116	153	-0.1614	-104	168	-0.1632	-0.0018	-0.0114
46	-85	121	-0.1236	-74	139	-0.1278	-0.0042	-0.0096
48	-63	94	-0.0942	-45	110	-0.0930	0.0012	-0.0054
50	-152	185	-0.2022	-141	207	-0.2088	-0.0066	-0.0066
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36A  
**DESCRIPTION**

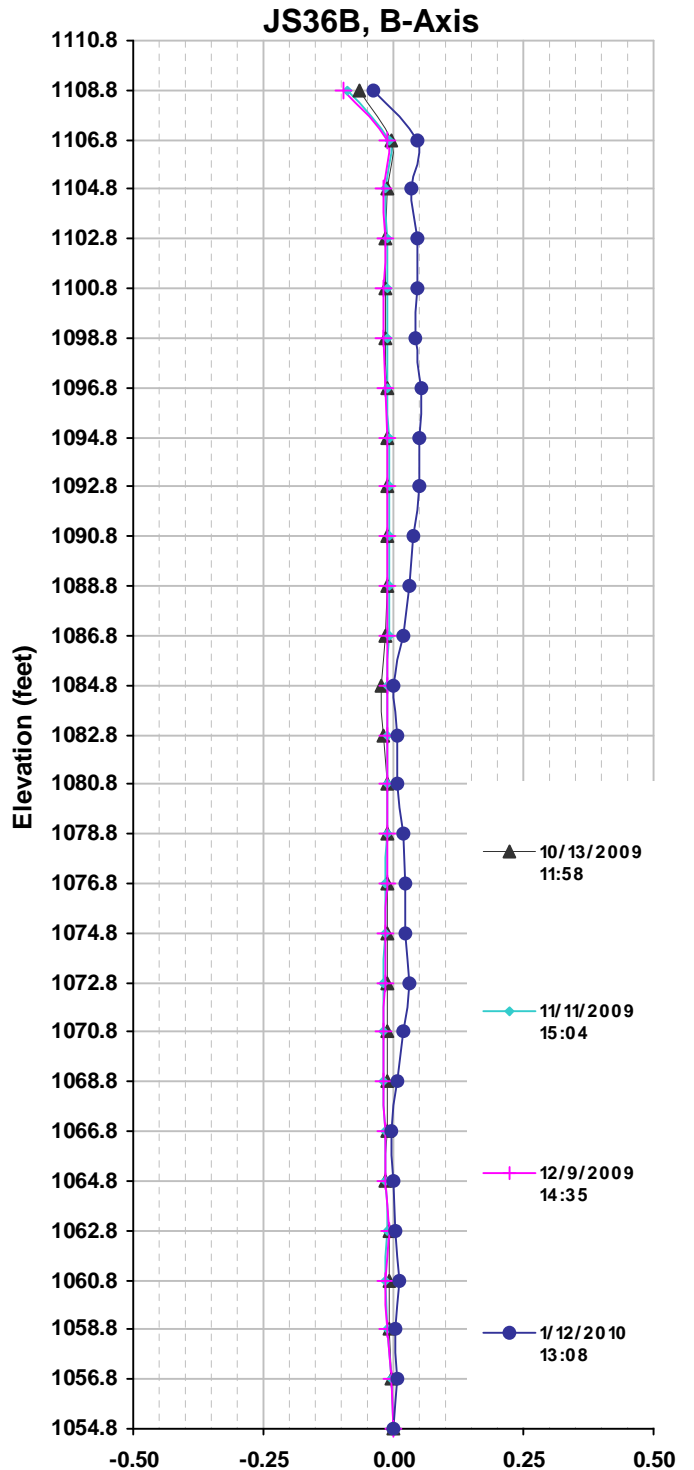
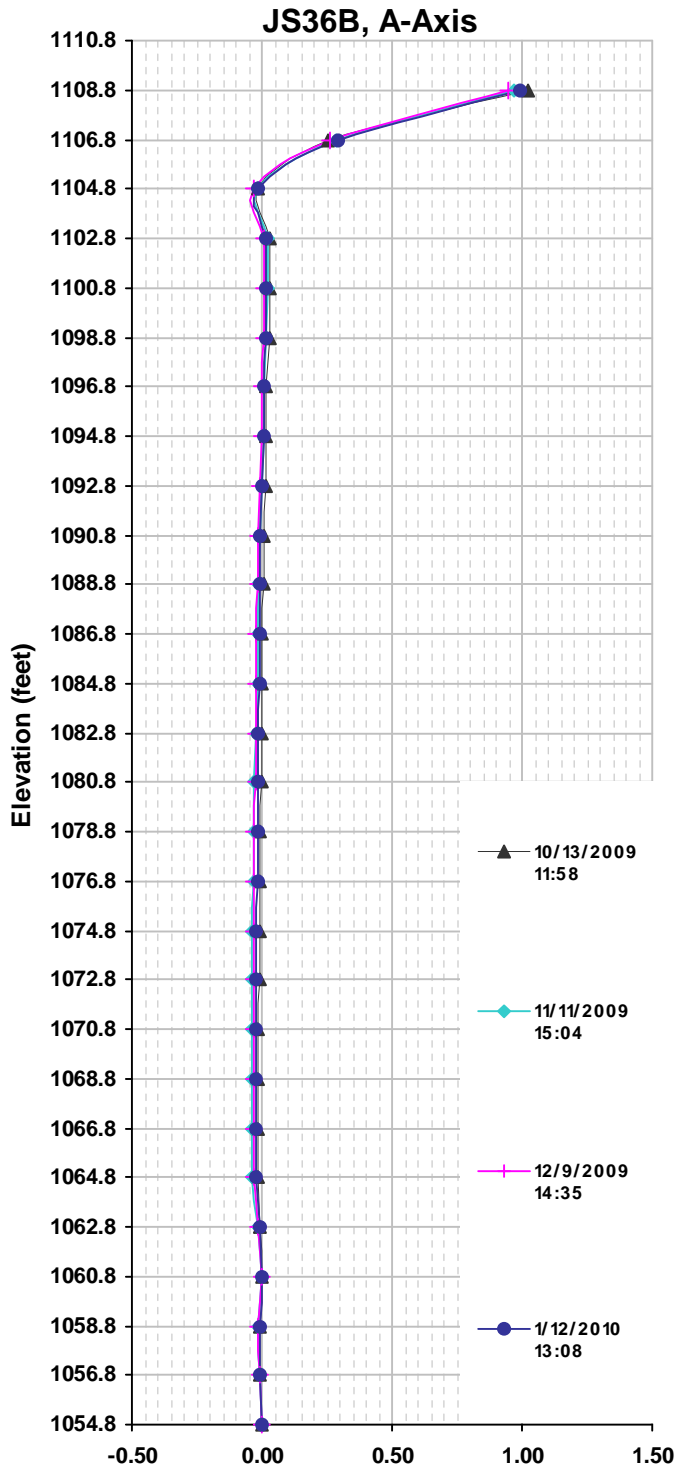
**CURRENT SURVEY** 1/12/2010 1:44:51 PM

**INITIAL SURVEY** 5/18/2009 4:13:53 PM

**DATE PRINTED** 1/14/2010 12:19:16 PM

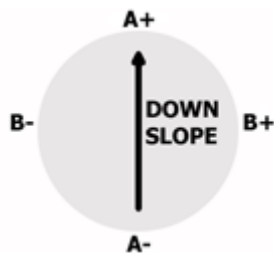
Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	149	-125	0.1644	140	-161	0.1806	0.0162	0.0654
4	6	22	-0.0096	20	-38	0.0348	0.0444	0.0492
6	-56	93	-0.0894	-86	57	-0.0858	0.0036	0.0048
8	-77	115	-0.1152	-108	74	-0.1092	0.0060	0.0012
10	-79	117	-0.1176	-101	73	-0.1044	0.0132	-0.0048
12	-46	78	-0.0744	-78	48	-0.0756	-0.0012	-0.0180
14	-49	85	-0.0804	-77	50	-0.0762	0.0042	-0.0168
16	-34	73	-0.0642	-64	33	-0.0582	0.0060	-0.0210
18	-38	78	-0.0696	-66	36	-0.0612	0.0084	-0.0270
20	-22	62	-0.0504	-49	19	-0.0408	0.0096	-0.0354
22	9	30	-0.0126	-34	2	-0.0216	-0.0090	-0.0450
24	-14	51	-0.0390	-48	17	-0.0390	0.0000	-0.0360
26	-16	53	-0.0414	-58	33	-0.0546	-0.0132	-0.0360
28	-102	137	-0.1434	-144	116	-0.1560	-0.0126	-0.0228
30	-161	200	-0.2166	-198	166	-0.2184	-0.0018	-0.0102
32	-206	235	-0.2646	-246	228	-0.2844	-0.0198	-0.0084
34	-305	340	-0.3870	-344	308	-0.3912	-0.0042	0.0114
36	-333	370	-0.4218	-358	332	-0.4140	0.0078	0.0156
38	-262	297	-0.3354	-283	266	-0.3294	0.0060	0.0078
40	-179	217	-0.2376	-206	180	-0.2316	0.0060	0.0018
42	-118	155	-0.1638	-154	122	-0.1656	-0.0018	-0.0042
44	-116	153	-0.1614	-142	118	-0.1560	0.0054	-0.0024
46	-85	121	-0.1236	-116	89	-0.1230	0.0006	-0.0078
48	-63	94	-0.0942	-101	73	-0.1044	-0.0102	-0.0084
50	-152	185	-0.2022	-179	155	-0.2004	0.0018	0.0018
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000



Cumulative Displacement (in) from 5/19/2009

Cumulative Displacement (in) from 5/19/2009



**John Sevier Fossil Plant**

**Rogersville, TN**

**175569038**

**1/14/2010**



**SITE** JSF  
**INSTALLATION** JS36B  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 11:58:09 AM

**INITIAL SURVEY** 5/19/2009 7:17:03 AM

**DATE PRINTED** 1/14/2010 12:21:23 PM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	267	-243	0.3060	901	-890	1.0746	0.7686	1.0200
4	273	-245	0.3108	487	-473	0.5760	0.2652	0.2514
6	263	-234	0.2982	221	-205	0.2556	-0.0426	-0.0138
8	197	-168	0.2190	190	-175	0.2190	0.0000	0.0288
10	171	-145	0.1896	166	-152	0.1908	0.0012	0.0288
12	148	-122	0.1620	149	-136	0.1710	0.0090	0.0276
14	113	-85	0.1188	107	-92	0.1194	0.0006	0.0186
16	42	-14	0.0336	37	-22	0.0354	0.0018	0.0180
18	-58	86	-0.0864	-58	74	-0.0792	0.0072	0.0162
20	-165	191	-0.2136	-167	182	-0.2094	0.0042	0.0090
22	-201	226	-0.2562	-205	218	-0.2538	0.0024	0.0048
24	-219	247	-0.2796	-225	242	-0.2802	-0.0006	0.0024
26	-217	244	-0.2766	-221	234	-0.2730	0.0036	0.0030
28	-211	242	-0.2718	-218	231	-0.2694	0.0024	-0.0006
30	-232	260	-0.2952	-238	250	-0.2928	0.0024	-0.0030
32	-229	255	-0.2904	-235	246	-0.2886	0.0018	-0.0054
34	-231	260	-0.2946	-237	251	-0.2928	0.0018	-0.0072
36	-224	252	-0.2856	-230	243	-0.2838	0.0018	-0.0090
38	-251	279	-0.3180	-257	271	-0.3168	0.0012	-0.0108
40	-259	287	-0.3276	-263	278	-0.3246	0.0030	-0.0120
42	-213	237	-0.2700	-219	231	-0.2700	0.0000	-0.0150
44	-59	86	-0.0870	-66	79	-0.0870	0.0000	-0.0150
46	126	-98	0.1344	112	-97	0.1254	-0.0090	-0.0150
48	588	-560	0.6888	575	-560	0.6810	-0.0078	-0.0060
50	555	-526	0.6486	556	-542	0.6588	0.0102	0.0018
52	551	-525	0.6456	542	-529	0.6426	-0.0030	-0.0084
54	726	-699	0.8550	715	-701	0.8496	-0.0054	-0.0054
56	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36B  
**DESCRIPTION**

**CURRENT SURVEY** 11/11/2009 3:04:27 PM

**INITIAL SURVEY** 5/19/2009 7:17:03 AM

**DATE PRINTED** 1/14/2010 12:21:23 PM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	267	-243	0.3060	829	-825	0.9924	0.6864	0.9726
4	273	-245	0.3108	521	-503	0.6144	0.3036	0.2862
6	263	-234	0.2982	222	-210	0.2592	-0.0390	-0.0174
8	197	-168	0.2190	189	-178	0.2202	0.0012	0.0216
10	171	-145	0.1896	165	-154	0.1914	0.0018	0.0204
12	148	-122	0.1620	147	-138	0.1710	0.0090	0.0186
14	113	-85	0.1188	108	-95	0.1218	0.0030	0.0096
16	42	-14	0.0336	37	-26	0.0378	0.0042	0.0066
18	-58	86	-0.0864	-58	70	-0.0768	0.0096	0.0024
20	-165	191	-0.2136	-166	178	-0.2064	0.0072	-0.0072
22	-201	226	-0.2562	-205	217	-0.2532	0.0030	-0.0144
24	-219	247	-0.2796	-224	239	-0.2778	0.0018	-0.0174
26	-217	244	-0.2766	-221	232	-0.2718	0.0048	-0.0192
28	-211	242	-0.2718	-217	229	-0.2676	0.0042	-0.0240
30	-232	260	-0.2952	-237	249	-0.2916	0.0036	-0.0282
32	-229	255	-0.2904	-236	246	-0.2892	0.0012	-0.0318
34	-231	260	-0.2946	-237	249	-0.2916	0.0030	-0.0330
36	-224	252	-0.2856	-231	242	-0.2838	0.0018	-0.0360
38	-251	279	-0.3180	-258	270	-0.3168	0.0012	-0.0378
40	-259	287	-0.3276	-265	276	-0.3246	0.0030	-0.0390
42	-213	237	-0.2700	-223	233	-0.2736	-0.0036	-0.0420
44	-59	86	-0.0870	-69	81	-0.0900	-0.0030	-0.0384
46	126	-98	0.1344	102	-89	0.1146	-0.0198	-0.0354
48	588	-560	0.6888	565	-553	0.6708	-0.0180	-0.0156
50	555	-526	0.6486	564	-548	0.6672	0.0186	0.0024
52	551	-525	0.6456	535	-526	0.6366	-0.0090	-0.0162
54	726	-699	0.8550	712	-701	0.8478	-0.0072	-0.0072
56	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36B  
**DESCRIPTION**

**CURRENT SURVEY** 12/9/2009 2:35:31 PM

**INITIAL SURVEY** 5/19/2009 7:17:03 AM

**DATE PRINTED** 1/14/2010 12:21:23 PM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	267	-243	0.3060	826	-828	0.9924	0.6864	0.9498
4	273	-245	0.3108	511	-502	0.6078	0.2970	0.2634
6	263	-234	0.2982	219	-209	0.2568	-0.0414	-0.0336
8	197	-168	0.2190	186	-178	0.2184	-0.0006	0.0078
10	171	-145	0.1896	163	-155	0.1908	0.0012	0.0084
12	148	-122	0.1620	145	-139	0.1704	0.0084	0.0072
14	113	-85	0.1188	104	-95	0.1194	0.0006	-0.0012
16	42	-14	0.0336	34	-27	0.0366	0.0030	-0.0018
18	-58	86	-0.0864	-60	69	-0.0774	0.0090	-0.0048
20	-165	191	-0.2136	-171	179	-0.2100	0.0036	-0.0138
22	-201	226	-0.2562	-207	215	-0.2532	0.0030	-0.0174
24	-219	247	-0.2796	-227	238	-0.2790	0.0006	-0.0204
26	-217	244	-0.2766	-224	231	-0.2730	0.0036	-0.0210
28	-211	242	-0.2718	-223	228	-0.2706	0.0012	-0.0246
30	-232	260	-0.2952	-242	247	-0.2934	0.0018	-0.0258
32	-229	255	-0.2904	-239	245	-0.2904	0.0000	-0.0276
34	-231	260	-0.2946	-239	247	-0.2916	0.0030	-0.0276
36	-224	252	-0.2856	-234	241	-0.2850	0.0006	-0.0306
38	-251	279	-0.3180	-261	268	-0.3174	0.0006	-0.0312
40	-259	287	-0.3276	-267	275	-0.3252	0.0024	-0.0318
42	-213	237	-0.2700	-225	230	-0.2730	-0.0030	-0.0342
44	-59	86	-0.0870	-71	78	-0.0894	-0.0024	-0.0312
46	126	-98	0.1344	105	-101	0.1236	-0.0108	-0.0288
48	588	-560	0.6888	566	-557	0.6738	-0.0150	-0.0180
50	555	-526	0.6486	555	-547	0.6612	0.0126	-0.0030
52	551	-525	0.6456	536	-526	0.6372	-0.0084	-0.0156
54	726	-699	0.8550	710	-703	0.8478	-0.0072	-0.0072
56	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36B  
**DESCRIPTION**

**CURRENT SURVEY** 1/12/2010 1:08:54 PM

**INITIAL SURVEY** 5/19/2009 7:17:03 AM

**DATE PRINTED** 1/14/2010 12:21:23 PM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	267	-243	0.3060	834	-839	1.0038	0.6978	0.9936
4	273	-245	0.3108	521	-522	0.6258	0.3150	0.2958
6	263	-234	0.2982	220	-222	0.2652	-0.0330	-0.0192
8	197	-168	0.2190	180	-181	0.2166	-0.0024	0.0138
10	171	-145	0.1896	160	-161	0.1926	0.0030	0.0162
12	148	-122	0.1620	139	-140	0.1674	0.0054	0.0132
14	113	-85	0.1188	100	-100	0.1200	0.0012	0.0078
16	42	-14	0.0336	31	-31	0.0372	0.0036	0.0066
18	-58	86	-0.0864	-67	65	-0.0792	0.0072	0.0030
20	-165	191	-0.2136	-175	175	-0.2100	0.0036	-0.0042
22	-201	226	-0.2562	-211	212	-0.2538	0.0024	-0.0078
24	-219	247	-0.2796	-233	234	-0.2802	-0.0006	-0.0102
26	-217	244	-0.2766	-228	226	-0.2724	0.0042	-0.0096
28	-211	242	-0.2718	-226	224	-0.2700	0.0018	-0.0138
30	-232	260	-0.2952	-244	244	-0.2928	0.0024	-0.0156
32	-229	255	-0.2904	-241	241	-0.2892	0.0012	-0.0180
34	-231	260	-0.2946	-244	245	-0.2934	0.0012	-0.0192
36	-224	252	-0.2856	-238	237	-0.2850	0.0006	-0.0204
38	-251	279	-0.3180	-266	265	-0.3186	-0.0006	-0.0210
40	-259	287	-0.3276	-271	272	-0.3258	0.0018	-0.0204
42	-213	237	-0.2700	-226	227	-0.2718	-0.0018	-0.0222
44	-59	86	-0.0870	-73	73	-0.0876	-0.0006	-0.0204
46	126	-98	0.1344	103	-104	0.1242	-0.0102	-0.0198
48	588	-560	0.6888	567	-565	0.6792	-0.0096	-0.0096
50	555	-526	0.6486	546	-548	0.6564	0.0078	0.0000
52	551	-525	0.6456	535	-535	0.6420	-0.0036	-0.0078
54	726	-699	0.8550	709	-709	0.8508	-0.0042	-0.0042
56	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36B  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 11:58:09 AM

**INITIAL SURVEY** 5/19/2009 7:17:03 AM

**DATE PRINTED** 1/14/2010 12:21:34 PM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	228	-193	0.2526	193	-130	0.1938	-0.0588	-0.0642
4	163	-132	0.1770	170	-136	0.1836	0.0066	-0.0054
6	322	-289	0.3666	335	-280	0.3690	0.0024	-0.0120
8	374	-333	0.4242	387	-322	0.4254	0.0012	-0.0144
10	366	-326	0.4152	377	-316	0.4158	0.0006	-0.0156
12	372	-335	0.4242	382	-320	0.4212	-0.0030	-0.0162
14	353	-313	0.3996	365	-298	0.3978	-0.0018	-0.0132
16	344	-311	0.3930	353	-302	0.3930	0.0000	-0.0114
18	339	-305	0.3864	352	-294	0.3876	0.0012	-0.0114
20	393	-354	0.4482	403	-343	0.4476	-0.0006	-0.0126
22	466	-430	0.5376	481	-419	0.5400	0.0024	-0.0120
24	549	-510	0.6354	564	-508	0.6432	0.0078	-0.0144
26	626	-597	0.7338	631	-589	0.7320	-0.0018	-0.0222
28	503	-473	0.5856	498	-465	0.5778	-0.0078	-0.0204
30	332	-300	0.3792	338	-291	0.3774	-0.0018	-0.0126
32	205	-166	0.2226	216	-156	0.2232	0.0006	-0.0108
34	150	-108	0.1548	165	-96	0.1566	0.0018	-0.0114
36	115	-83	0.1188	126	-71	0.1182	-0.0006	-0.0132
38	55	-15	0.0420	66	-4	0.0420	0.0000	-0.0126
40	77	-38	0.0690	86	-30	0.0696	0.0006	-0.0126
42	133	-99	0.1392	145	-84	0.1374	-0.0018	-0.0132
44	223	-185	0.2448	238	-174	0.2472	0.0024	-0.0114
46	177	-153	0.1980	175	-143	0.1908	-0.0072	-0.0138
48	4	31	-0.0162	14	41	-0.0162	0.0000	-0.0066
50	3	33	-0.0180	7	35	-0.0168	0.0012	-0.0066
52	125	-86	0.1266	130	-73	0.1218	-0.0048	-0.0078
54	179	-142	0.1926	186	-130	0.1896	-0.0030	-0.0030
56	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36B  
**DESCRIPTION**

**CURRENT SURVEY** 11/11/2009 3:04:27 PM

**INITIAL SURVEY** 5/19/2009 7:17:03 AM

**DATE PRINTED** 1/14/2010 12:21:34 PM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	228	-193	0.2526	173	-109	0.1692	-0.0834	-0.0894
4	163	-132	0.1770	174	-135	0.1854	0.0084	-0.0060
6	322	-289	0.3666	329	-277	0.3636	-0.0030	-0.0144
8	374	-333	0.4242	387	-321	0.4248	0.0006	-0.0114
10	366	-326	0.4152	379	-315	0.4164	0.0012	-0.0120
12	372	-335	0.4242	383	-319	0.4212	-0.0030	-0.0132
14	353	-313	0.3996	366	-297	0.3978	-0.0018	-0.0102
16	344	-311	0.3930	354	-302	0.3936	0.0006	-0.0084
18	339	-305	0.3864	354	-291	0.3870	0.0006	-0.0090
20	393	-354	0.4482	404	-341	0.4470	-0.0012	-0.0096
22	466	-430	0.5376	480	-417	0.5382	0.0006	-0.0084
24	549	-510	0.6354	562	-503	0.6390	0.0036	-0.0090
26	626	-597	0.7338	637	-586	0.7338	0.0000	-0.0126
28	503	-473	0.5856	505	-467	0.5832	-0.0024	-0.0126
30	332	-300	0.3792	344	-290	0.3804	0.0012	-0.0102
32	205	-166	0.2226	219	-157	0.2256	0.0030	-0.0114
34	150	-108	0.1548	166	-95	0.1566	0.0018	-0.0144
36	115	-83	0.1188	130	-70	0.1200	0.0012	-0.0162
38	55	-15	0.0420	68	-3	0.0426	0.0006	-0.0174
40	77	-38	0.0690	89	-29	0.0708	0.0018	-0.0180
42	133	-99	0.1392	141	-83	0.1344	-0.0048	-0.0198
44	223	-185	0.2448	237	-171	0.2448	0.0000	-0.0150
46	177	-153	0.1980	179	-145	0.1944	-0.0036	-0.0150
48	4	31	-0.0162	18	40	-0.0132	0.0030	-0.0114
50	3	33	-0.0180	5	42	-0.0222	-0.0042	-0.0144
52	125	-86	0.1266	130	-69	0.1194	-0.0072	-0.0102
54	179	-142	0.1926	189	-127	0.1896	-0.0030	-0.0030
56	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36B  
**DESCRIPTION**

**CURRENT SURVEY** 12/9/2009 2:35:31 PM

**INITIAL SURVEY** 5/19/2009 7:17:03 AM

**DATE PRINTED** 1/14/2010 12:21:35 PM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	228	-193	0.2526	178	-106	0.1704	-0.0822	-0.0954
4	163	-132	0.1770	179	-126	0.1830	0.0060	-0.0132
6	322	-289	0.3666	333	-273	0.3636	-0.0030	-0.0192
8	374	-333	0.4242	393	-317	0.4260	0.0018	-0.0162
10	366	-326	0.4152	382	-310	0.4152	0.0000	-0.0180
12	372	-335	0.4242	387	-314	0.4206	-0.0036	-0.0180
14	353	-313	0.3996	367	-294	0.3966	-0.0030	-0.0144
16	344	-311	0.3930	359	-297	0.3936	0.0006	-0.0114
18	339	-305	0.3864	358	-287	0.3870	0.0006	-0.0120
20	393	-354	0.4482	409	-338	0.4482	0.0000	-0.0126
22	466	-430	0.5376	481	-414	0.5370	-0.0006	-0.0126
24	549	-510	0.6354	566	-495	0.6366	0.0012	-0.0120
26	626	-597	0.7338	640	-583	0.7338	0.0000	-0.0132
28	503	-473	0.5856	507	-465	0.5832	-0.0024	-0.0132
30	332	-300	0.3792	346	-285	0.3786	-0.0006	-0.0108
32	205	-166	0.2226	222	-154	0.2256	0.0030	-0.0102
34	150	-108	0.1548	169	-92	0.1566	0.0018	-0.0132
36	115	-83	0.1188	133	-68	0.1206	0.0018	-0.0150
38	55	-15	0.0420	73	2	0.0426	0.0006	-0.0168
40	77	-38	0.0690	92	-26	0.0708	0.0018	-0.0174
42	133	-99	0.1392	149	-79	0.1368	-0.0024	-0.0192
44	223	-185	0.2448	238	-166	0.2424	-0.0024	-0.0168
46	177	-153	0.1980	182	-140	0.1932	-0.0048	-0.0144
48	4	31	-0.0162	23	40	-0.0102	0.0060	-0.0096
50	3	33	-0.0180	12	47	-0.0210	-0.0030	-0.0156
52	125	-86	0.1266	135	-63	0.1188	-0.0078	-0.0126
54	179	-142	0.1926	191	-122	0.1878	-0.0048	-0.0048
56	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36B  
**DESCRIPTION**

**CURRENT SURVEY** 1/12/2010 1:08:54 PM

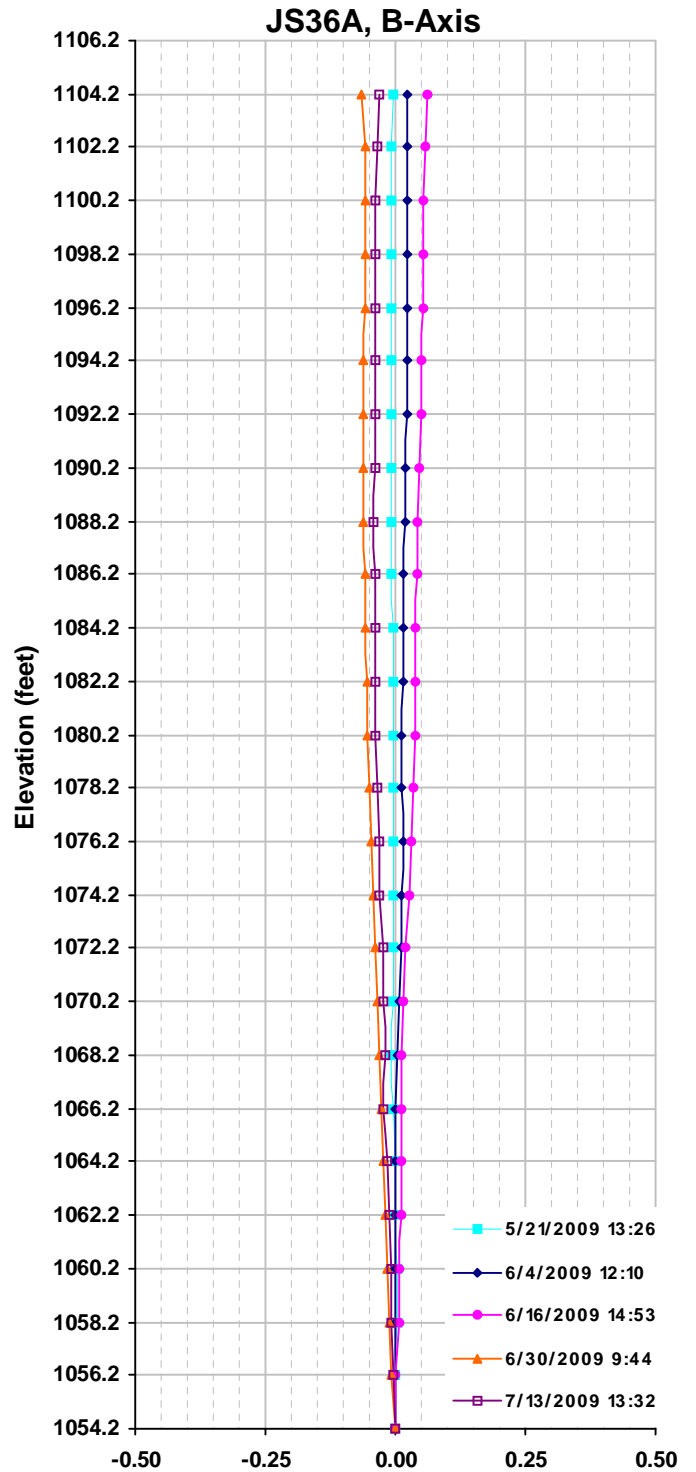
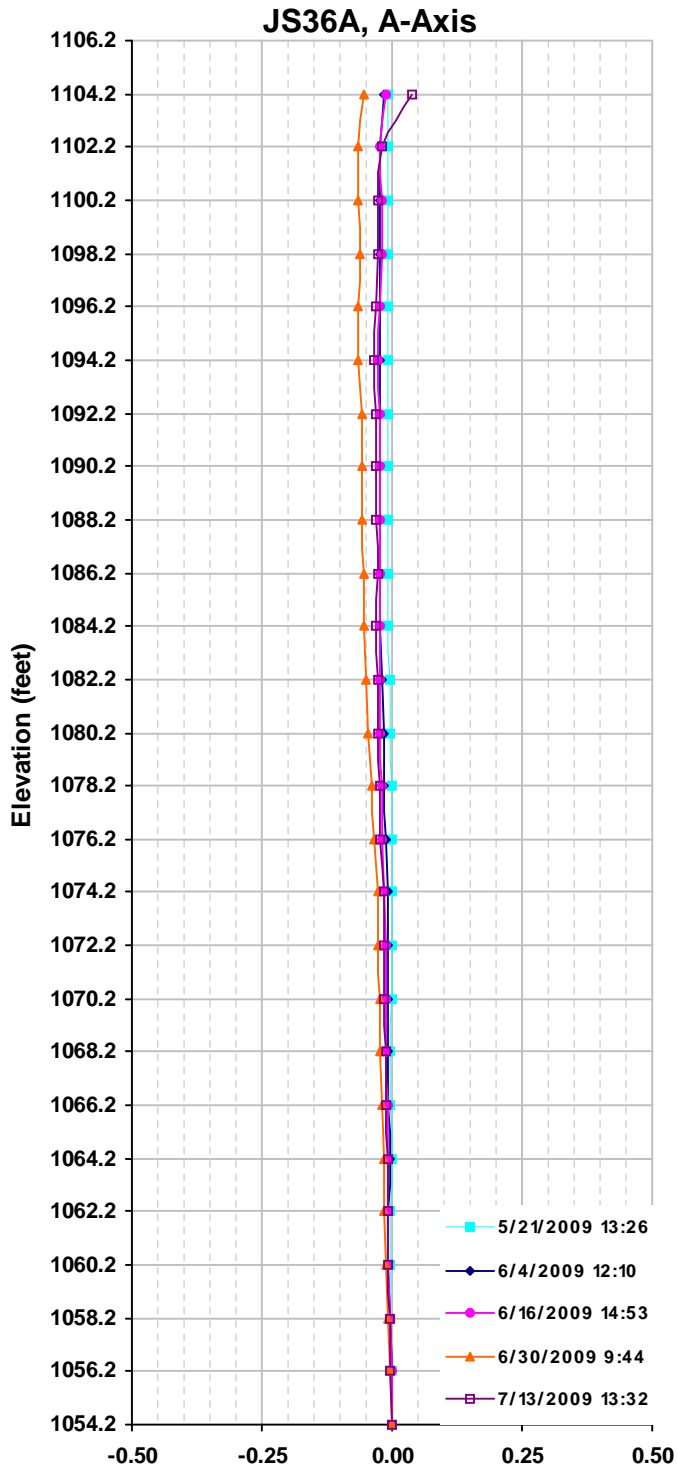
**INITIAL SURVEY** 5/19/2009 7:17:03 AM

**DATE PRINTED** 1/14/2010 12:21:35 PM

Data Reduction for B Axis:

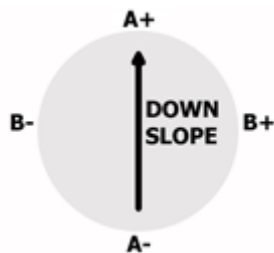
Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	228	-193	0.2526	129	-153	0.1692	-0.0834	-0.0378
4	163	-132	0.1770	146	-166	0.1872	0.0102	0.0456
6	322	-289	0.3666	295	-301	0.3576	-0.0090	0.0354
8	374	-333	0.4242	328	-373	0.4206	-0.0036	0.0444
10	366	-326	0.4152	333	-366	0.4194	0.0042	0.0480
12	372	-335	0.4242	330	-363	0.4158	-0.0084	0.0438
14	353	-313	0.3996	317	-350	0.4002	0.0006	0.0522
16	344	-311	0.3930	316	-344	0.3960	0.0030	0.0516
18	339	-305	0.3864	319	-342	0.3966	0.0102	0.0486
20	393	-354	0.4482	371	-391	0.4572	0.0090	0.0384
22	466	-430	0.5376	449	-466	0.5490	0.0114	0.0294
24	549	-510	0.6354	539	-550	0.6534	0.0180	0.0180
26	626	-597	0.7338	594	-618	0.7272	-0.0066	0.0000
28	503	-473	0.5856	481	-491	0.5832	-0.0024	0.0066
30	332	-300	0.3792	305	-313	0.3708	-0.0084	0.0090
32	205	-166	0.2226	172	-190	0.2172	-0.0054	0.0174
34	150	-108	0.1548	111	-145	0.1536	-0.0012	0.0228
36	115	-83	0.1188	83	-104	0.1122	-0.0066	0.0240
38	55	-15	0.0420	32	-58	0.0540	0.0120	0.0306
40	77	-38	0.0690	56	-79	0.0810	0.0120	0.0186
42	133	-99	0.1392	115	-134	0.1494	0.0102	0.0066
44	223	-185	0.2448	189	-216	0.2430	-0.0018	-0.0036
46	177	-153	0.1980	157	-162	0.1914	-0.0066	-0.0018
48	4	31	-0.0162	-28	8	-0.0216	-0.0054	0.0048
50	3	33	-0.0180	-10	11	-0.0126	0.0054	0.0102
52	125	-86	0.1266	99	-109	0.1248	-0.0018	0.0048
54	179	-142	0.1926	152	-180	0.1992	0.0066	0.0066
56	0	0	0.0000	0	0	0.0000	0.0000	0.0000





Cumulative Displacement (in) from 5/18/2009

Cumulative Displacement (in) from 5/18/2009



**John Sevier Fossil Plant**

**Rogersville, TN**

**175569038**

**7/16/2009**

**SITE** JSF  
**INSTALLATION** JS36A  
**DESCRIPTION**

**CURRENT SURVEY** 5/21/2009 1:26:45 PM

**INITIAL SURVEY** 5/18/2009 4:13:53 PM

**DATE PRINTED** 7/15/2009 10:10:54 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	54	-31	0.0510	57	-27	0.0504	-0.0006	-0.0090
4	-91	112	-0.1218	-89	116	-0.1230	-0.0012	-0.0084
6	-61	81	-0.0852	-58	85	-0.0858	-0.0006	-0.0072
8	54	-35	0.0534	58	-32	0.0540	0.0006	-0.0066
10	176	-156	0.1992	179	-154	0.1998	0.0006	-0.0072
12	208	-185	0.2358	210	-182	0.2352	-0.0006	-0.0078
14	215	-196	0.2466	220	-192	0.2472	0.0006	-0.0072
16	245	-227	0.2832	249	-223	0.2832	0.0000	-0.0078
18	280	-261	0.3246	282	-257	0.3234	-0.0012	-0.0078
20	323	-303	0.3756	326	-300	0.3756	0.0000	-0.0066
22	371	-349	0.4320	373	-345	0.4308	-0.0012	-0.0066
24	441	-421	0.5172	442	-417	0.5154	-0.0018	-0.0054
26	581	-562	0.6858	582	-557	0.6834	-0.0024	-0.0036
28	730	-712	0.8652	732	-707	0.8634	-0.0018	-0.0012
30	819	-798	0.9702	822	-794	0.9696	-0.0006	0.0006
32	845	-824	1.0014	850	-821	1.0026	0.0012	0.0012
34	833	-814	0.9882	837	-811	0.9888	0.0006	0.0000
36	761	-741	0.9012	766	-740	0.9036	0.0024	-0.0006
38	692	-673	0.8190	696	-670	0.8196	0.0006	-0.0030
40	694	-677	0.8226	698	-670	0.8208	-0.0018	-0.0036
42	699	-674	0.8238	702	-675	0.8262	0.0024	-0.0018
44	693	-671	0.8184	695	-668	0.8178	-0.0006	-0.0042
46	741	-722	0.8778	743	-718	0.8766	-0.0012	-0.0036
48	757	-737	0.8964	759	-733	0.8952	-0.0012	-0.0024
50	855	-834	1.0134	857	-830	1.0122	-0.0012	-0.0012
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36A  
**DESCRIPTION**

**CURRENT SURVEY** 6/4/2009 12:10:20 PM

**INITIAL SURVEY** 5/18/2009 4:13:53 PM

**DATE PRINTED** 7/15/2009 10:10:54 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	54	-31	0.0510	61	-36	0.0582	0.0072	-0.0162
4	-91	112	-0.1218	-91	114	-0.1230	-0.0012	-0.0234
6	-61	81	-0.0852	-59	83	-0.0852	0.0000	-0.0222
8	54	-35	0.0534	57	-34	0.0546	0.0012	-0.0222
10	176	-156	0.1992	178	-156	0.2004	0.0012	-0.0234
12	208	-185	0.2358	208	-183	0.2346	-0.0012	-0.0246
14	215	-196	0.2466	218	-194	0.2472	0.0006	-0.0234
16	245	-227	0.2832	246	-226	0.2832	0.0000	-0.0240
18	280	-261	0.3246	280	-258	0.3228	-0.0018	-0.0240
20	323	-303	0.3756	323	-302	0.3750	-0.0006	-0.0222
22	371	-349	0.4320	371	-346	0.4302	-0.0018	-0.0216
24	441	-421	0.5172	439	-418	0.5142	-0.0030	-0.0198
26	581	-562	0.6858	579	-559	0.6828	-0.0030	-0.0168
28	730	-712	0.8652	729	-708	0.8622	-0.0030	-0.0138
30	819	-798	0.9702	818	-794	0.9672	-0.0030	-0.0108
32	845	-824	1.0014	847	-822	1.0014	0.0000	-0.0078
34	833	-814	0.9882	835	-812	0.9882	0.0000	-0.0078
36	761	-741	0.9012	763	-742	0.9030	0.0018	-0.0078
38	692	-673	0.8190	694	-671	0.8190	0.0000	-0.0096
40	694	-677	0.8226	695	-669	0.8184	-0.0042	-0.0096
42	699	-674	0.8238	699	-677	0.8256	0.0018	-0.0054
44	693	-671	0.8184	693	-670	0.8178	-0.0006	-0.0072
46	741	-722	0.8778	741	-719	0.8760	-0.0018	-0.0066
48	757	-737	0.8964	755	-734	0.8934	-0.0030	-0.0048
50	855	-834	1.0134	854	-832	1.0116	-0.0018	-0.0018
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36A  
**DESCRIPTION**

**CURRENT SURVEY** 6/16/2009 2:53:00 PM

**INITIAL SURVEY** 5/18/2009 4:13:53 PM

**DATE PRINTED** 7/15/2009 10:10:54 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	54	-31	0.0510	45	-56	0.0606	0.0096	-0.0126
4	-91	112	-0.1218	-111	97	-0.1248	-0.0030	-0.0222
6	-61	81	-0.0852	-75	65	-0.0840	0.0012	-0.0192
8	54	-35	0.0534	41	-53	0.0564	0.0030	-0.0204
10	176	-156	0.1992	161	-174	0.2010	0.0018	-0.0234
12	208	-185	0.2358	189	-202	0.2346	-0.0012	-0.0252
14	215	-196	0.2466	199	-213	0.2472	0.0006	-0.0240
16	245	-227	0.2832	229	-242	0.2826	-0.0006	-0.0246
18	280	-261	0.3246	263	-276	0.3234	-0.0012	-0.0240
20	323	-303	0.3756	307	-319	0.3756	0.0000	-0.0228
22	371	-349	0.4320	354	-366	0.4320	0.0000	-0.0228
24	441	-421	0.5172	423	-437	0.5160	-0.0012	-0.0228
26	581	-562	0.6858	564	-576	0.6840	-0.0018	-0.0216
28	730	-712	0.8652	712	-727	0.8634	-0.0018	-0.0198
30	819	-798	0.9702	799	-812	0.9666	-0.0036	-0.0180
32	845	-824	1.0014	828	-839	1.0002	-0.0012	-0.0144
34	833	-814	0.9882	815	-830	0.9870	-0.0012	-0.0132
36	761	-741	0.9012	743	-756	0.8994	-0.0018	-0.0120
38	692	-673	0.8190	675	-688	0.8178	-0.0012	-0.0102
40	694	-677	0.8226	677	-689	0.8196	-0.0030	-0.0090
42	699	-674	0.8238	682	-694	0.8256	0.0018	-0.0060
44	693	-671	0.8184	674	-688	0.8172	-0.0012	-0.0078
46	741	-722	0.8778	724	-736	0.8760	-0.0018	-0.0066
48	757	-737	0.8964	738	-751	0.8934	-0.0030	-0.0048
50	855	-834	1.0134	836	-850	1.0116	-0.0018	-0.0018
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36A  
**DESCRIPTION**

**CURRENT SURVEY** 6/30/2009 9:44:16 AM

**INITIAL SURVEY** 5/18/2009 4:13:53 PM

**DATE PRINTED** 7/15/2009 10:10:54 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	54	-31	0.0510	61	-49	0.0660	0.0150	-0.0522
4	-91	112	-0.1218	-99	109	-0.1248	-0.0030	-0.0672
6	-61	81	-0.0852	-67	78	-0.0870	-0.0018	-0.0642
8	54	-35	0.0534	50	-41	0.0546	0.0012	-0.0624
10	176	-156	0.1992	171	-161	0.1992	0.0000	-0.0636
12	208	-185	0.2358	199	-187	0.2316	-0.0042	-0.0636
14	215	-196	0.2466	210	-201	0.2466	0.0000	-0.0594
16	245	-227	0.2832	239	-231	0.2820	-0.0012	-0.0594
18	280	-261	0.3246	272	-263	0.3210	-0.0036	-0.0582
20	323	-303	0.3756	315	-307	0.3732	-0.0024	-0.0546
22	371	-349	0.4320	363	-353	0.4296	-0.0024	-0.0522
24	441	-421	0.5172	432	-424	0.5136	-0.0036	-0.0498
26	581	-562	0.6858	571	-562	0.6798	-0.0060	-0.0462
28	730	-712	0.8652	721	-714	0.8610	-0.0042	-0.0402
30	819	-798	0.9702	807	-798	0.9630	-0.0072	-0.0360
32	845	-824	1.0014	838	-827	0.9990	-0.0024	-0.0288
34	833	-814	0.9882	826	-817	0.9858	-0.0024	-0.0264
36	761	-741	0.9012	754	-745	0.8994	-0.0018	-0.0240
38	692	-673	0.8190	685	-677	0.8172	-0.0018	-0.0222
40	694	-677	0.8226	686	-676	0.8172	-0.0054	-0.0204
42	699	-674	0.8238	690	-682	0.8232	-0.0006	-0.0150
44	693	-671	0.8184	684	-675	0.8154	-0.0030	-0.0144
46	741	-722	0.8778	733	-724	0.8742	-0.0036	-0.0114
48	757	-737	0.8964	748	-740	0.8928	-0.0036	-0.0078
50	855	-834	1.0134	845	-837	1.0092	-0.0042	-0.0042
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36A  
**DESCRIPTION**

**CURRENT SURVEY** 7/13/2009 1:32:46 PM

**INITIAL SURVEY** 5/18/2009 4:13:53 PM

**DATE PRINTED** 7/15/2009 10:10:54 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	54	-31	0.0510	93	-85	0.1068	0.0558	0.0366
4	-91	112	-0.1218	-91	99	-0.1140	0.0078	-0.0192
6	-61	81	-0.0852	-66	75	-0.0846	0.0006	-0.0270
8	54	-35	0.0534	51	-44	0.0570	0.0036	-0.0276
10	176	-156	0.1992	171	-164	0.2010	0.0018	-0.0312
12	208	-185	0.2358	198	-189	0.2322	-0.0036	-0.0330
14	215	-196	0.2466	209	-203	0.2472	0.0006	-0.0294
16	245	-227	0.2832	239	-234	0.2838	0.0006	-0.0300
18	280	-261	0.3246	272	-266	0.3228	-0.0018	-0.0306
20	323	-303	0.3756	317	-310	0.3762	0.0006	-0.0288
22	371	-349	0.4320	363	-356	0.4314	-0.0006	-0.0294
24	441	-421	0.5172	432	-427	0.5154	-0.0018	-0.0288
26	581	-562	0.6858	571	-566	0.6822	-0.0036	-0.0270
28	730	-712	0.8652	722	-717	0.8634	-0.0018	-0.0234
30	819	-798	0.9702	808	-800	0.9648	-0.0054	-0.0216
32	845	-824	1.0014	839	-829	1.0008	-0.0006	-0.0162
34	833	-814	0.9882	826	-819	0.9870	-0.0012	-0.0156
36	761	-741	0.9012	754	-746	0.9000	-0.0012	-0.0144
38	692	-673	0.8190	684	-679	0.8178	-0.0012	-0.0132
40	694	-677	0.8226	686	-679	0.8190	-0.0036	-0.0120
42	699	-674	0.8238	691	-683	0.8244	0.0006	-0.0084
44	693	-671	0.8184	685	-677	0.8172	-0.0012	-0.0090
46	741	-722	0.8778	733	-726	0.8754	-0.0024	-0.0078
48	757	-737	0.8964	748	-742	0.8940	-0.0024	-0.0054
50	855	-834	1.0134	846	-838	1.0104	-0.0030	-0.0030
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36A  
**DESCRIPTION**

**CURRENT SURVEY** 5/21/2009 1:26:45 PM

**INITIAL SURVEY** 5/18/2009 4:13:53 PM

**DATE PRINTED** 7/15/2009 10:11:06 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	149	-125	0.1644	150	-125	0.1650	0.0006	-0.0054
4	6	22	-0.0096	10	24	-0.0084	0.0012	-0.0060
6	-56	93	-0.0894	-57	93	-0.0900	-0.0006	-0.0072
8	-77	115	-0.1152	-75	116	-0.1146	0.0006	-0.0066
10	-79	117	-0.1176	-78	117	-0.1170	0.0006	-0.0072
12	-46	78	-0.0744	-45	78	-0.0738	0.0006	-0.0078
14	-49	85	-0.0804	-49	85	-0.0804	0.0000	-0.0084
16	-34	73	-0.0642	-35	71	-0.0636	0.0006	-0.0084
18	-38	78	-0.0696	-39	80	-0.0714	-0.0018	-0.0090
20	-22	62	-0.0504	-25	62	-0.0522	-0.0018	-0.0072
22	9	30	-0.0126	7	30	-0.0138	-0.0012	-0.0054
24	-14	51	-0.0390	-14	52	-0.0396	-0.0006	-0.0042
26	-16	53	-0.0414	-15	53	-0.0408	0.0006	-0.0036
28	-102	137	-0.1434	-102	138	-0.1440	-0.0006	-0.0042
30	-161	200	-0.2166	-161	201	-0.2172	-0.0006	-0.0036
32	-206	235	-0.2646	-205	234	-0.2634	0.0012	-0.0030
34	-305	340	-0.3870	-304	339	-0.3858	0.0012	-0.0042
36	-333	370	-0.4218	-333	369	-0.4212	0.0006	-0.0054
38	-262	297	-0.3354	-266	298	-0.3384	-0.0030	-0.0060
40	-179	217	-0.2376	-182	221	-0.2418	-0.0042	-0.0030
42	-118	155	-0.1638	-119	155	-0.1644	-0.0006	0.0012
44	-116	153	-0.1614	-118	153	-0.1626	-0.0012	0.0018
46	-85	121	-0.1236	-86	122	-0.1248	-0.0012	0.0030
48	-63	94	-0.0942	-58	94	-0.0912	0.0030	0.0042
50	-152	185	-0.2022	-150	185	-0.2010	0.0012	0.0012
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36A  
**DESCRIPTION**

**CURRENT SURVEY** 6/4/2009 12:10:20 PM

**INITIAL SURVEY** 5/18/2009 4:13:53 PM

**DATE PRINTED** 7/15/2009 10:11:06 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	149	-125	0.1644	145	-130	0.1650	0.0006	0.0240
4	6	22	-0.0096	9	22	-0.0078	0.0018	0.0234
6	-56	93	-0.0894	-59	91	-0.0900	-0.0006	0.0216
8	-77	115	-0.1152	-82	114	-0.1176	-0.0024	0.0222
10	-79	117	-0.1176	-79	116	-0.1170	0.0006	0.0246
12	-46	78	-0.0744	-46	74	-0.0720	0.0024	0.0240
14	-49	85	-0.0804	-49	81	-0.0780	0.0024	0.0216
16	-34	73	-0.0642	-34	70	-0.0624	0.0018	0.0192
18	-38	78	-0.0696	-38	77	-0.0690	0.0006	0.0174
20	-22	62	-0.0504	-23	59	-0.0492	0.0012	0.0168
22	9	30	-0.0126	9	27	-0.0108	0.0018	0.0156
24	-14	51	-0.0390	-15	49	-0.0384	0.0006	0.0138
26	-16	53	-0.0414	-17	52	-0.0414	0.0000	0.0132
28	-102	137	-0.1434	-104	137	-0.1446	-0.0012	0.0132
30	-161	200	-0.2166	-160	198	-0.2148	0.0018	0.0144
32	-206	235	-0.2646	-203	235	-0.2628	0.0018	0.0126
34	-305	340	-0.3870	-303	338	-0.3846	0.0024	0.0108
36	-333	370	-0.4218	-332	365	-0.4182	0.0036	0.0084
38	-262	297	-0.3354	-264	285	-0.3294	0.0060	0.0048
40	-179	217	-0.2376	-182	218	-0.2400	-0.0024	-0.0012
42	-118	155	-0.1638	-119	154	-0.1638	0.0000	0.0012
44	-116	153	-0.1614	-121	149	-0.1620	-0.0006	0.0012
46	-85	121	-0.1236	-86	117	-0.1218	0.0018	0.0018
48	-63	94	-0.0942	-61	94	-0.0930	0.0012	0.0000
50	-152	185	-0.2022	-153	186	-0.2034	-0.0012	-0.0012
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000



**SITE** JSF  
**INSTALLATION** JS36A  
**DESCRIPTION**

**CURRENT SURVEY** 6/16/2009 2:53:00 PM

**INITIAL SURVEY** 5/18/2009 4:13:53 PM

**DATE PRINTED** 7/15/2009 10:11:06 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	149	-125	0.1644	140	-141	0.1686	0.0042	0.0630
4	6	22	-0.0096	-6	3	-0.0054	0.0042	0.0588
6	-56	93	-0.0894	-74	74	-0.0888	0.0006	0.0546
8	-77	115	-0.1152	-95	95	-0.1140	0.0012	0.0540
10	-79	117	-0.1176	-97	96	-0.1158	0.0018	0.0528
12	-46	78	-0.0744	-60	60	-0.0720	0.0024	0.0510
14	-49	85	-0.0804	-65	65	-0.0780	0.0024	0.0486
16	-34	73	-0.0642	-52	51	-0.0618	0.0024	0.0462
18	-38	78	-0.0696	-56	57	-0.0678	0.0018	0.0438
20	-22	62	-0.0504	-40	40	-0.0480	0.0024	0.0420
22	9	30	-0.0126	-9	11	-0.0120	0.0006	0.0396
24	-14	51	-0.0390	-31	30	-0.0366	0.0024	0.0390
26	-16	53	-0.0414	-32	32	-0.0384	0.0030	0.0366
28	-102	137	-0.1434	-118	116	-0.1404	0.0030	0.0336
30	-161	200	-0.2166	-177	175	-0.2112	0.0054	0.0306
32	-206	235	-0.2646	-216	217	-0.2598	0.0048	0.0252
34	-305	340	-0.3870	-319	318	-0.3822	0.0048	0.0204
36	-333	370	-0.4218	-349	348	-0.4182	0.0036	0.0156
38	-262	297	-0.3354	-278	282	-0.3360	-0.0006	0.0120
40	-179	217	-0.2376	-197	200	-0.2382	-0.0006	0.0126
42	-118	155	-0.1638	-134	134	-0.1608	0.0030	0.0132
44	-116	153	-0.1614	-133	134	-0.1602	0.0012	0.0102
46	-85	121	-0.1236	-102	102	-0.1224	0.0012	0.0090
48	-63	94	-0.0942	-73	74	-0.0882	0.0060	0.0078
50	-152	185	-0.2022	-168	166	-0.2004	0.0018	0.0018
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36A  
**DESCRIPTION**

**CURRENT SURVEY** 6/30/2009 9:44:16 AM

**INITIAL SURVEY** 5/18/2009 4:13:53 PM

**DATE PRINTED** 7/15/2009 10:11:06 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	149	-125	0.1644	143	-114	0.1542	-0.0102	-0.0672
4	6	22	-0.0096	18	31	-0.0078	0.0018	-0.0570
6	-56	93	-0.0894	-49	102	-0.0906	-0.0012	-0.0588
8	-77	115	-0.1152	-65	125	-0.1140	0.0012	-0.0576
10	-79	117	-0.1176	-68	125	-0.1158	0.0018	-0.0588
12	-46	78	-0.0744	-39	86	-0.0750	-0.0006	-0.0606
14	-49	85	-0.0804	-42	91	-0.0798	0.0006	-0.0600
16	-34	73	-0.0642	-27	81	-0.0648	-0.0006	-0.0606
18	-38	78	-0.0696	-31	88	-0.0714	-0.0018	-0.0600
20	-22	62	-0.0504	-14	72	-0.0516	-0.0012	-0.0582
22	9	30	-0.0126	15	41	-0.0156	-0.0030	-0.0570
24	-14	51	-0.0390	-7	60	-0.0402	-0.0012	-0.0540
26	-16	53	-0.0414	-9	65	-0.0444	-0.0030	-0.0528
28	-102	137	-0.1434	-95	153	-0.1488	-0.0054	-0.0498
30	-161	200	-0.2166	-153	211	-0.2184	-0.0018	-0.0444
32	-206	235	-0.2646	-201	250	-0.2706	-0.0060	-0.0426
34	-305	340	-0.3870	-297	353	-0.3900	-0.0030	-0.0366
36	-333	370	-0.4218	-326	382	-0.4248	-0.0030	-0.0336
38	-262	297	-0.3354	-257	306	-0.3378	-0.0024	-0.0306
40	-179	217	-0.2376	-174	233	-0.2442	-0.0066	-0.0282
42	-118	155	-0.1638	-112	166	-0.1668	-0.0030	-0.0216
44	-116	153	-0.1614	-112	163	-0.1650	-0.0036	-0.0186
46	-85	121	-0.1236	-80	134	-0.1284	-0.0048	-0.0150
48	-63	94	-0.0942	-54	105	-0.0954	-0.0012	-0.0102
50	-152	185	-0.2022	-149	203	-0.2112	-0.0090	-0.0090
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36A  
**DESCRIPTION**

**CURRENT SURVEY** 7/13/2009 1:32:46 PM

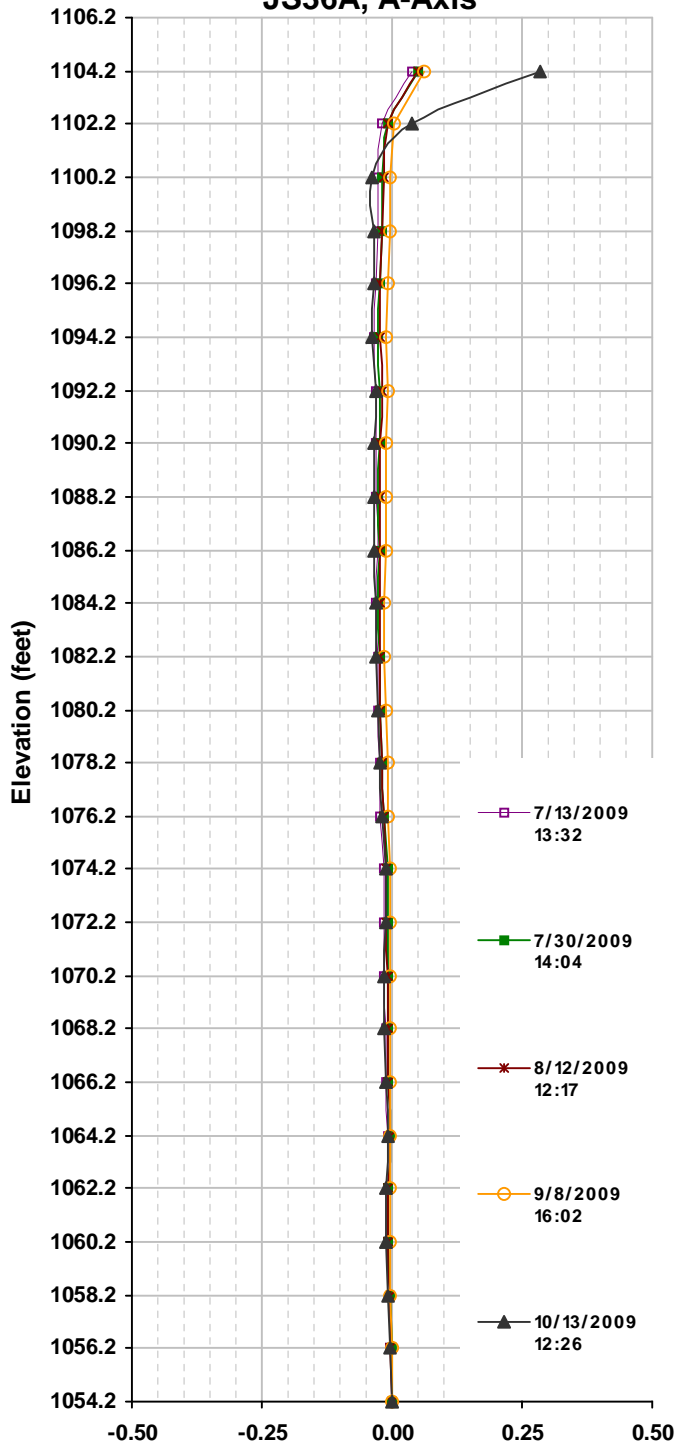
**INITIAL SURVEY** 5/18/2009 4:13:53 PM

**DATE PRINTED** 7/15/2009 10:11:06 AM

Data Reduction for B Axis:

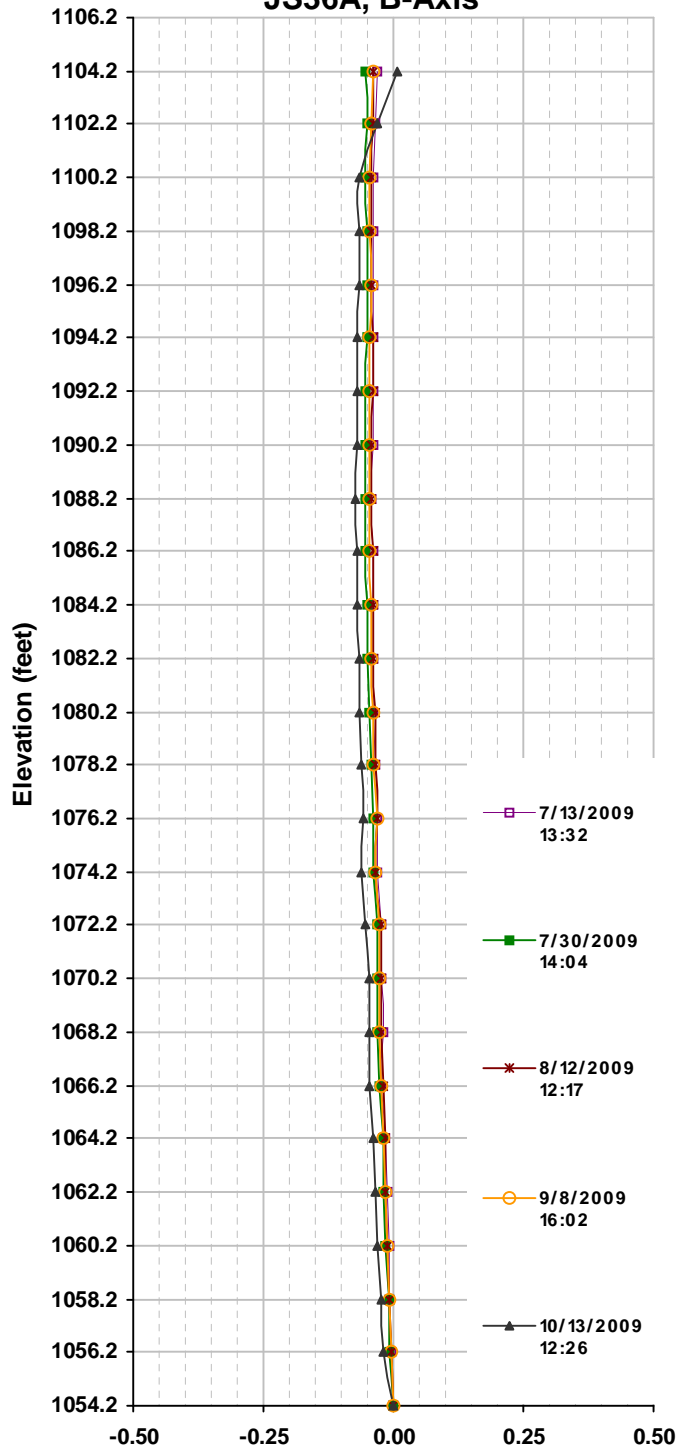
Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	149	-125	0.1644	153	-126	0.1674	0.0030	-0.0318
4	6	22	-0.0096	19	31	-0.0072	0.0024	-0.0348
6	-56	93	-0.0894	-47	103	-0.0900	-0.0006	-0.0372
8	-77	115	-0.1152	-64	128	-0.1152	0.0000	-0.0366
10	-79	117	-0.1176	-67	129	-0.1176	0.0000	-0.0366
12	-46	78	-0.0744	-35	86	-0.0726	0.0018	-0.0366
14	-49	85	-0.0804	-39	92	-0.0786	0.0018	-0.0384
16	-34	73	-0.0642	-24	81	-0.0630	0.0012	-0.0402
18	-38	78	-0.0696	-30	91	-0.0726	-0.0030	-0.0414
20	-22	62	-0.0504	-11	73	-0.0504	0.0000	-0.0384
22	9	30	-0.0126	18	40	-0.0132	-0.0006	-0.0384
24	-14	51	-0.0390	-6	61	-0.0402	-0.0012	-0.0378
26	-16	53	-0.0414	-6	66	-0.0432	-0.0018	-0.0366
28	-102	137	-0.1434	-95	151	-0.1476	-0.0042	-0.0348
30	-161	200	-0.2166	-148	212	-0.2160	0.0006	-0.0306
32	-206	235	-0.2646	-198	254	-0.2712	-0.0066	-0.0312
34	-305	340	-0.3870	-295	354	-0.3894	-0.0024	-0.0246
36	-333	370	-0.4218	-325	381	-0.4236	-0.0018	-0.0222
38	-262	297	-0.3354	-253	304	-0.3342	0.0012	-0.0204
40	-179	217	-0.2376	-173	233	-0.2436	-0.0060	-0.0216
42	-118	155	-0.1638	-112	168	-0.1680	-0.0042	-0.0156
44	-116	153	-0.1614	-109	164	-0.1638	-0.0024	-0.0114
46	-85	121	-0.1236	-78	133	-0.1266	-0.0030	-0.0090
48	-63	94	-0.0942	-53	109	-0.0972	-0.0030	-0.0060
50	-152	185	-0.2022	-145	197	-0.2052	-0.0030	-0.0030
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**JS36A, A-Axis**

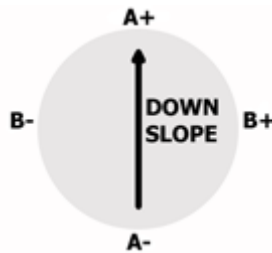


Cumulative Displacement (in) from 5/18/2009

**JS36A, B-Axis**



Cumulative Displacement (in) from 5/18/2009



**John Sevier Fossil Plant**

**Rogersville, TN**

**175569038**

**10/15/2009**

**SITE** JSF  
**INSTALLATION** JS36A  
**DESCRIPTION**

**CURRENT SURVEY** 7/13/2009 1:32:46 PM

**INITIAL SURVEY** 5/18/2009 4:13:53 PM

**DATE PRINTED** 10/15/2009 10:30:45 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	54	-31	0.0510	93	-85	0.1068	0.0558	0.0366
4	-91	112	-0.1218	-91	99	-0.1140	0.0078	-0.0192
6	-61	81	-0.0852	-66	75	-0.0846	0.0006	-0.0270
8	54	-35	0.0534	51	-44	0.0570	0.0036	-0.0276
10	176	-156	0.1992	171	-164	0.2010	0.0018	-0.0312
12	208	-185	0.2358	198	-189	0.2322	-0.0036	-0.0330
14	215	-196	0.2466	209	-203	0.2472	0.0006	-0.0294
16	245	-227	0.2832	239	-234	0.2838	0.0006	-0.0300
18	280	-261	0.3246	272	-266	0.3228	-0.0018	-0.0306
20	323	-303	0.3756	317	-310	0.3762	0.0006	-0.0288
22	371	-349	0.4320	363	-356	0.4314	-0.0006	-0.0294
24	441	-421	0.5172	432	-427	0.5154	-0.0018	-0.0288
26	581	-562	0.6858	571	-566	0.6822	-0.0036	-0.0270
28	730	-712	0.8652	722	-717	0.8634	-0.0018	-0.0234
30	819	-798	0.9702	808	-800	0.9648	-0.0054	-0.0216
32	845	-824	1.0014	839	-829	1.0008	-0.0006	-0.0162
34	833	-814	0.9882	826	-819	0.9870	-0.0012	-0.0156
36	761	-741	0.9012	754	-746	0.9000	-0.0012	-0.0144
38	692	-673	0.8190	684	-679	0.8178	-0.0012	-0.0132
40	694	-677	0.8226	686	-679	0.8190	-0.0036	-0.0120
42	699	-674	0.8238	691	-683	0.8244	0.0006	-0.0084
44	693	-671	0.8184	685	-677	0.8172	-0.0012	-0.0090
46	741	-722	0.8778	733	-726	0.8754	-0.0024	-0.0078
48	757	-737	0.8964	748	-742	0.8940	-0.0024	-0.0054
50	855	-834	1.0134	846	-838	1.0104	-0.0030	-0.0030
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36A  
**DESCRIPTION**

**CURRENT SURVEY** 7/30/2009 2:04:28 PM

**INITIAL SURVEY** 5/18/2009 4:13:53 PM

**DATE PRINTED** 10/15/2009 10:30:45 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	54	-31	0.0510	93	-89	0.1092	0.0582	0.0492
4	-91	112	-0.1218	-94	95	-0.1134	0.0084	-0.0090
6	-61	81	-0.0852	-70	71	-0.0846	0.0006	-0.0174
8	54	-35	0.0534	50	-47	0.0582	0.0048	-0.0180
10	176	-156	0.1992	169	-167	0.2016	0.0024	-0.0228
12	208	-185	0.2358	196	-193	0.2334	-0.0024	-0.0252
14	215	-196	0.2466	207	-206	0.2478	0.0012	-0.0228
16	245	-227	0.2832	237	-237	0.2844	0.0012	-0.0240
18	280	-261	0.3246	270	-270	0.3240	-0.0006	-0.0252
20	323	-303	0.3756	313	-314	0.3762	0.0006	-0.0246
22	371	-349	0.4320	360	-358	0.4308	-0.0012	-0.0252
24	441	-421	0.5172	429	-429	0.5148	-0.0024	-0.0240
26	581	-562	0.6858	569	-568	0.6822	-0.0036	-0.0216
28	730	-712	0.8652	718	-719	0.8622	-0.0030	-0.0180
30	819	-798	0.9702	804	-803	0.9642	-0.0060	-0.0150
32	845	-824	1.0014	835	-832	1.0002	-0.0012	-0.0090
34	833	-814	0.9882	825	-823	0.9888	0.0006	-0.0078
36	761	-741	0.9012	752	-750	0.9012	0.0000	-0.0084
38	692	-673	0.8190	682	-682	0.8184	-0.0006	-0.0084
40	694	-677	0.8226	684	-682	0.8196	-0.0030	-0.0078
42	699	-674	0.8238	689	-687	0.8256	0.0018	-0.0048
44	693	-671	0.8184	682	-681	0.8178	-0.0006	-0.0066
46	741	-722	0.8778	730	-730	0.8760	-0.0018	-0.0060
48	757	-737	0.8964	745	-745	0.8940	-0.0024	-0.0042
50	855	-834	1.0134	843	-843	1.0116	-0.0018	-0.0018
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36A  
**DESCRIPTION**

**CURRENT SURVEY** 8/12/2009 12:17:25 PM

**INITIAL SURVEY** 5/18/2009 4:13:53 PM

**DATE PRINTED** 10/15/2009 10:30:45 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	54	-31	0.0510	96	-86	0.1092	0.0582	0.0492
4	-91	112	-0.1218	-91	99	-0.1140	0.0078	-0.0090
6	-61	81	-0.0852	-66	75	-0.0846	0.0006	-0.0168
8	54	-35	0.0534	53	-44	0.0582	0.0048	-0.0174
10	176	-156	0.1992	172	-164	0.2016	0.0024	-0.0222
12	208	-185	0.2358	198	-189	0.2322	-0.0036	-0.0246
14	215	-196	0.2466	210	-203	0.2478	0.0012	-0.0210
16	245	-227	0.2832	241	-234	0.2850	0.0018	-0.0222
18	280	-261	0.3246	273	-267	0.3240	-0.0006	-0.0240
20	323	-303	0.3756	317	-310	0.3762	0.0006	-0.0234
22	371	-349	0.4320	364	-355	0.4314	-0.0006	-0.0240
24	441	-421	0.5172	434	-427	0.5166	-0.0006	-0.0234
26	581	-562	0.6858	571	-566	0.6822	-0.0036	-0.0228
28	730	-712	0.8652	722	-716	0.8628	-0.0024	-0.0192
30	819	-798	0.9702	807	-799	0.9636	-0.0066	-0.0168
32	845	-824	1.0014	839	-830	1.0014	0.0000	-0.0102
34	833	-814	0.9882	827	-819	0.9876	-0.0006	-0.0102
36	761	-741	0.9012	754	-748	0.9012	0.0000	-0.0096
38	692	-673	0.8190	685	-679	0.8184	-0.0006	-0.0096
40	694	-677	0.8226	686	-678	0.8184	-0.0042	-0.0090
42	699	-674	0.8238	692	-686	0.8268	0.0030	-0.0048
44	693	-671	0.8184	685	-678	0.8178	-0.0006	-0.0078
46	741	-722	0.8778	733	-727	0.8760	-0.0018	-0.0072
48	757	-737	0.8964	747	-742	0.8934	-0.0030	-0.0054
50	855	-834	1.0134	846	-839	1.0110	-0.0024	-0.0024
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36A  
**DESCRIPTION**

**CURRENT SURVEY** 9/8/2009 4:02:07 PM

**INITIAL SURVEY** 5/18/2009 4:13:53 PM

**DATE PRINTED** 10/15/2009 10:30:45 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	54	-31	0.0510	98	-87	0.1110	0.0600	0.0624
4	-91	112	-0.1218	-93	101	-0.1164	0.0054	0.0024
6	-61	81	-0.0852	-67	75	-0.0852	0.0000	-0.0030
8	54	-35	0.0534	53	-44	0.0582	0.0048	-0.0030
10	176	-156	0.1992	174	-166	0.2040	0.0048	-0.0078
12	208	-185	0.2358	198	-189	0.2322	-0.0036	-0.0126
14	215	-196	0.2466	211	-203	0.2484	0.0018	-0.0090
16	245	-227	0.2832	241	-235	0.2856	0.0024	-0.0108
18	280	-261	0.3246	274	-267	0.3246	0.0000	-0.0132
20	323	-303	0.3756	317	-310	0.3762	0.0006	-0.0132
22	371	-349	0.4320	365	-355	0.4320	0.0000	-0.0138
24	441	-421	0.5172	433	-426	0.5154	-0.0018	-0.0138
26	581	-562	0.6858	572	-567	0.6834	-0.0024	-0.0120
28	730	-712	0.8652	723	-716	0.8634	-0.0018	-0.0096
30	819	-798	0.9702	808	-800	0.9648	-0.0054	-0.0078
32	845	-824	1.0014	839	-830	1.0014	0.0000	-0.0024
34	833	-814	0.9882	830	-819	0.9894	0.0012	-0.0024
36	761	-741	0.9012	757	-747	0.9024	0.0012	-0.0036
38	692	-673	0.8190	686	-679	0.8190	0.0000	-0.0048
40	694	-677	0.8226	688	-679	0.8202	-0.0024	-0.0048
42	699	-674	0.8238	693	-685	0.8268	0.0030	-0.0024
44	693	-671	0.8184	686	-678	0.8184	0.0000	-0.0054
46	741	-722	0.8778	733	-726	0.8754	-0.0024	-0.0054
48	757	-737	0.8964	749	-742	0.8946	-0.0018	-0.0030
50	855	-834	1.0134	847	-840	1.0122	-0.0012	-0.0012
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000



**SITE** JSF  
**INSTALLATION** JS36A  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 12:26:35 PM

**INITIAL SURVEY** 5/18/2009 4:13:53 PM

**DATE PRINTED** 10/15/2009 10:30:45 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	54	-31	0.0510	255	-241	0.2976	0.2466	0.2838
4	-91	112	-0.1218	-33	46	-0.0474	0.0744	0.0372
6	-61	81	-0.0852	-69	79	-0.0888	-0.0036	-0.0372
8	54	-35	0.0534	51	-41	0.0552	0.0018	-0.0336
10	176	-156	0.1992	174	-162	0.2016	0.0024	-0.0354
12	208	-185	0.2358	199	-185	0.2304	-0.0054	-0.0378
14	215	-196	0.2466	212	-201	0.2478	0.0012	-0.0324
16	245	-227	0.2832	242	-232	0.2844	0.0012	-0.0336
18	280	-261	0.3246	275	-263	0.3228	-0.0018	-0.0348
20	323	-303	0.3756	318	-307	0.3750	-0.0006	-0.0330
22	371	-349	0.4320	365	-353	0.4308	-0.0012	-0.0324
24	441	-421	0.5172	433	-423	0.5136	-0.0036	-0.0312
26	581	-562	0.6858	572	-563	0.6810	-0.0048	-0.0276
28	730	-712	0.8652	723	-713	0.8616	-0.0036	-0.0228
30	819	-798	0.9702	808	-797	0.9630	-0.0072	-0.0192
32	845	-824	1.0014	841	-827	1.0008	-0.0006	-0.0120
34	833	-814	0.9882	834	-819	0.9918	0.0036	-0.0114
36	761	-741	0.9012	753	-747	0.9000	-0.0012	-0.0150
38	692	-673	0.8190	687	-677	0.8184	-0.0006	-0.0138
40	694	-677	0.8226	689	-676	0.8190	-0.0036	-0.0132
42	699	-674	0.8238	694	-682	0.8256	0.0018	-0.0096
44	693	-671	0.8184	687	-675	0.8172	-0.0012	-0.0114
46	741	-722	0.8778	735	-724	0.8754	-0.0024	-0.0102
48	757	-737	0.8964	749	-738	0.8922	-0.0042	-0.0078
50	855	-834	1.0134	847	-836	1.0098	-0.0036	-0.0036
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36A  
**DESCRIPTION**

**CURRENT SURVEY** 7/13/2009 1:32:46 PM

**INITIAL SURVEY** 5/18/2009 4:13:53 PM

**DATE PRINTED** 10/15/2009 10:30:34 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	149	-125	0.1644	153	-126	0.1674	0.0030	-0.0318
4	6	22	-0.0096	19	31	-0.0072	0.0024	-0.0348
6	-56	93	-0.0894	-47	103	-0.0900	-0.0006	-0.0372
8	-77	115	-0.1152	-64	128	-0.1152	0.0000	-0.0366
10	-79	117	-0.1176	-67	129	-0.1176	0.0000	-0.0366
12	-46	78	-0.0744	-35	86	-0.0726	0.0018	-0.0366
14	-49	85	-0.0804	-39	92	-0.0786	0.0018	-0.0384
16	-34	73	-0.0642	-24	81	-0.0630	0.0012	-0.0402
18	-38	78	-0.0696	-30	91	-0.0726	-0.0030	-0.0414
20	-22	62	-0.0504	-11	73	-0.0504	0.0000	-0.0384
22	9	30	-0.0126	18	40	-0.0132	-0.0006	-0.0384
24	-14	51	-0.0390	-6	61	-0.0402	-0.0012	-0.0378
26	-16	53	-0.0414	-6	66	-0.0432	-0.0018	-0.0366
28	-102	137	-0.1434	-95	151	-0.1476	-0.0042	-0.0348
30	-161	200	-0.2166	-148	212	-0.2160	0.0006	-0.0306
32	-206	235	-0.2646	-198	254	-0.2712	-0.0066	-0.0312
34	-305	340	-0.3870	-295	354	-0.3894	-0.0024	-0.0246
36	-333	370	-0.4218	-325	381	-0.4236	-0.0018	-0.0222
38	-262	297	-0.3354	-253	304	-0.3342	0.0012	-0.0204
40	-179	217	-0.2376	-173	233	-0.2436	-0.0060	-0.0216
42	-118	155	-0.1638	-112	168	-0.1680	-0.0042	-0.0156
44	-116	153	-0.1614	-109	164	-0.1638	-0.0024	-0.0114
46	-85	121	-0.1236	-78	133	-0.1266	-0.0030	-0.0090
48	-63	94	-0.0942	-53	109	-0.0972	-0.0030	-0.0060
50	-152	185	-0.2022	-145	197	-0.2052	-0.0030	-0.0030
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36A  
**DESCRIPTION**

**CURRENT SURVEY** 7/30/2009 2:04:28 PM

**INITIAL SURVEY** 5/18/2009 4:13:53 PM

**DATE PRINTED** 10/15/2009 10:30:34 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	149	-125	0.1644	153	-115	0.1608	-0.0036	-0.0534
4	6	22	-0.0096	21	33	-0.0072	0.0024	-0.0498
6	-56	93	-0.0894	-47	107	-0.0924	-0.0030	-0.0522
8	-77	115	-0.1152	-63	129	-0.1152	0.0000	-0.0492
10	-79	117	-0.1176	-65	127	-0.1152	0.0024	-0.0492
12	-46	78	-0.0744	-32	88	-0.0720	0.0024	-0.0516
14	-49	85	-0.0804	-38	97	-0.0810	-0.0006	-0.0540
16	-34	73	-0.0642	-22	83	-0.0630	0.0012	-0.0534
18	-38	78	-0.0696	-27	92	-0.0714	-0.0018	-0.0546
20	-22	62	-0.0504	-11	76	-0.0522	-0.0018	-0.0528
22	9	30	-0.0126	19	44	-0.0150	-0.0024	-0.0510
24	-14	51	-0.0390	-3	66	-0.0414	-0.0024	-0.0486
26	-16	53	-0.0414	-6	69	-0.0450	-0.0036	-0.0462
28	-102	137	-0.1434	-90	155	-0.1470	-0.0036	-0.0426
30	-161	200	-0.2166	-146	213	-0.2154	0.0012	-0.0390
32	-206	235	-0.2646	-199	255	-0.2724	-0.0078	-0.0402
34	-305	340	-0.3870	-294	354	-0.3888	-0.0018	-0.0324
36	-333	370	-0.4218	-321	384	-0.4230	-0.0012	-0.0306
38	-262	297	-0.3354	-253	310	-0.3378	-0.0024	-0.0294
40	-179	217	-0.2376	-171	236	-0.2442	-0.0066	-0.0270
42	-118	155	-0.1638	-108	170	-0.1668	-0.0030	-0.0204
44	-116	153	-0.1614	-109	166	-0.1650	-0.0036	-0.0174
46	-85	121	-0.1236	-79	137	-0.1296	-0.0060	-0.0138
48	-63	94	-0.0942	-51	109	-0.0960	-0.0018	-0.0078
50	-152	185	-0.2022	-142	205	-0.2082	-0.0060	-0.0060
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36A  
**DESCRIPTION**

**CURRENT SURVEY** 8/12/2009 12:17:25 PM

**INITIAL SURVEY** 5/18/2009 4:13:53 PM

**DATE PRINTED** 10/15/2009 10:30:34 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	149	-125	0.1644	155	-120	0.1650	0.0006	-0.0396
4	6	22	-0.0096	19	30	-0.0066	0.0030	-0.0402
6	-56	93	-0.0894	-49	103	-0.0912	-0.0018	-0.0432
8	-77	115	-0.1152	-65	127	-0.1152	0.0000	-0.0414
10	-79	117	-0.1176	-71	127	-0.1188	-0.0012	-0.0414
12	-46	78	-0.0744	-42	85	-0.0762	-0.0018	-0.0402
14	-49	85	-0.0804	-38	91	-0.0774	0.0030	-0.0384
16	-34	73	-0.0642	-26	81	-0.0642	0.0000	-0.0414
18	-38	78	-0.0696	-29	89	-0.0708	-0.0012	-0.0414
20	-22	62	-0.0504	-13	73	-0.0516	-0.0012	-0.0402
22	9	30	-0.0126	16	41	-0.0150	-0.0024	-0.0390
24	-14	51	-0.0390	-4	62	-0.0396	-0.0006	-0.0366
26	-16	53	-0.0414	-7	64	-0.0426	-0.0012	-0.0360
28	-102	137	-0.1434	-95	150	-0.1470	-0.0036	-0.0348
30	-161	200	-0.2166	-149	209	-0.2148	0.0018	-0.0312
32	-206	235	-0.2646	-202	253	-0.2730	-0.0084	-0.0330
34	-305	340	-0.3870	-297	352	-0.3894	-0.0024	-0.0246
36	-333	370	-0.4218	-324	380	-0.4224	-0.0006	-0.0222
38	-262	297	-0.3354	-255	305	-0.3360	-0.0006	-0.0216
40	-179	217	-0.2376	-174	230	-0.2424	-0.0048	-0.0210
42	-118	155	-0.1638	-111	166	-0.1662	-0.0024	-0.0162
44	-116	153	-0.1614	-111	163	-0.1644	-0.0030	-0.0138
46	-85	121	-0.1236	-79	133	-0.1272	-0.0036	-0.0108
48	-63	94	-0.0942	-54	106	-0.0960	-0.0018	-0.0072
50	-152	185	-0.2022	-145	201	-0.2076	-0.0054	-0.0054
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36A  
**DESCRIPTION**

**CURRENT SURVEY** 9/8/2009 4:02:07 PM

**INITIAL SURVEY** 5/18/2009 4:13:53 PM

**DATE PRINTED** 10/15/2009 10:30:34 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	149	-125	0.1644	162	-121	0.1698	0.0054	-0.0384
4	6	22	-0.0096	23	34	-0.0066	0.0030	-0.0438
6	-56	93	-0.0894	-46	106	-0.0912	-0.0018	-0.0468
8	-77	115	-0.1152	-65	130	-0.1170	-0.0018	-0.0450
10	-79	117	-0.1176	-63	129	-0.1152	0.0024	-0.0432
12	-46	78	-0.0744	-33	89	-0.0732	0.0012	-0.0456
14	-49	85	-0.0804	-36	98	-0.0804	0.0000	-0.0468
16	-34	73	-0.0642	-21	85	-0.0636	0.0006	-0.0468
18	-38	78	-0.0696	-29	92	-0.0726	-0.0030	-0.0474
20	-22	62	-0.0504	-10	75	-0.0510	-0.0006	-0.0444
22	9	30	-0.0126	19	45	-0.0156	-0.0030	-0.0438
24	-14	51	-0.0390	-2	66	-0.0408	-0.0018	-0.0408
26	-16	53	-0.0414	-5	68	-0.0438	-0.0024	-0.0390
28	-102	137	-0.1434	-92	154	-0.1476	-0.0042	-0.0366
30	-161	200	-0.2166	-145	211	-0.2136	0.0030	-0.0324
32	-206	235	-0.2646	-199	256	-0.2730	-0.0084	-0.0354
34	-305	340	-0.3870	-293	354	-0.3882	-0.0012	-0.0270
36	-333	370	-0.4218	-321	383	-0.4224	-0.0006	-0.0258
38	-262	297	-0.3354	-252	310	-0.3372	-0.0018	-0.0252
40	-179	217	-0.2376	-170	235	-0.2430	-0.0054	-0.0234
42	-118	155	-0.1638	-108	170	-0.1668	-0.0030	-0.0180
44	-116	153	-0.1614	-109	166	-0.1650	-0.0036	-0.0150
46	-85	121	-0.1236	-77	136	-0.1278	-0.0042	-0.0114
48	-63	94	-0.0942	-51	109	-0.0960	-0.0018	-0.0072
50	-152	185	-0.2022	-142	204	-0.2076	-0.0054	-0.0054
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36A  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 12:26:35 PM

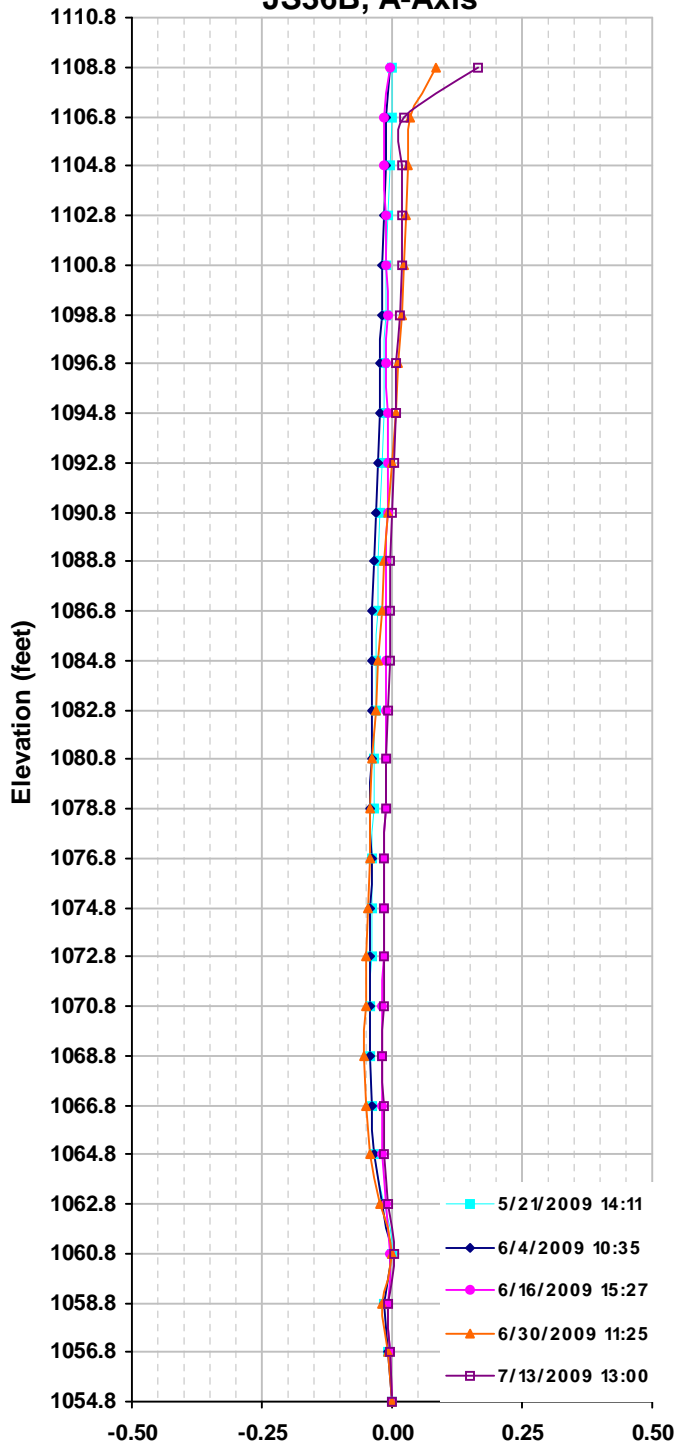
**INITIAL SURVEY** 5/18/2009 4:13:53 PM

**DATE PRINTED** 10/15/2009 10:30:34 AM

Data Reduction for B Axis:

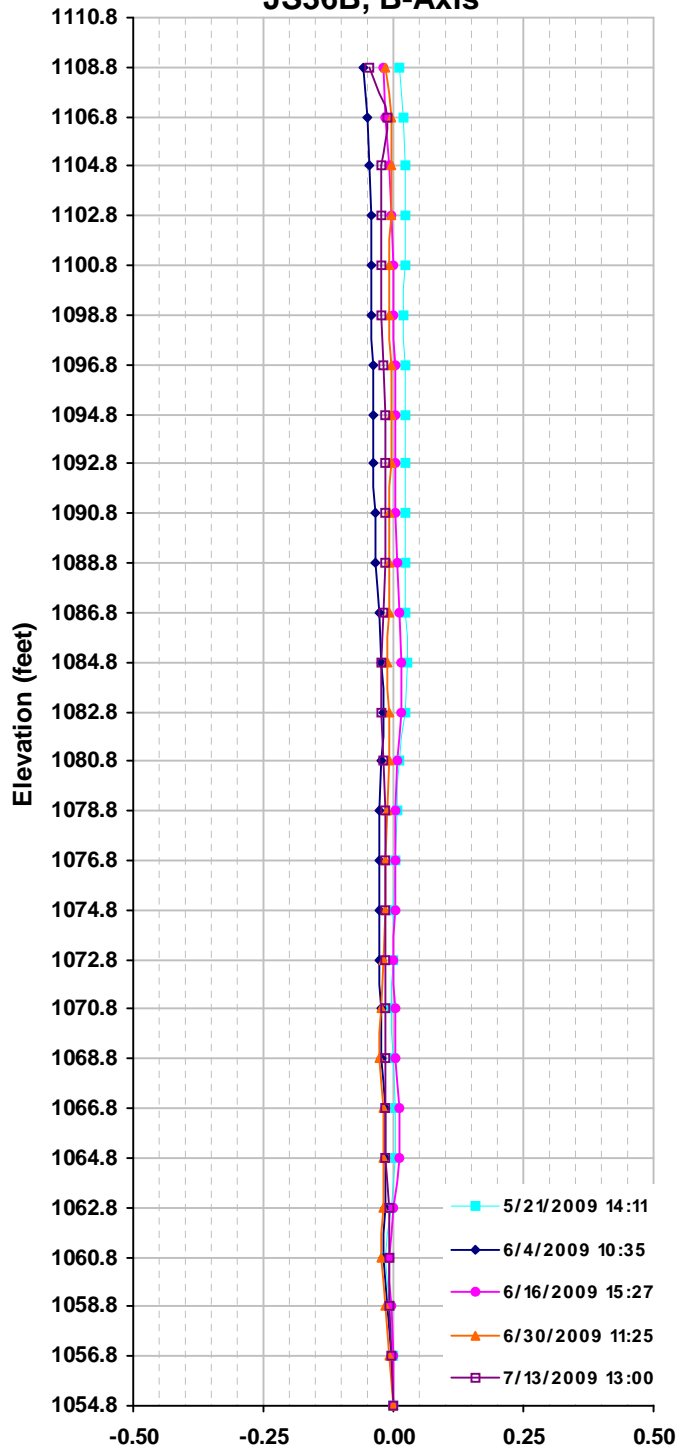
Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	149	-125	0.1644	190	-146	0.2016	0.0372	0.0072
4	6	22	-0.0096	49	3	0.0276	0.0372	-0.0300
6	-56	93	-0.0894	-46	106	-0.0912	-0.0018	-0.0672
8	-77	115	-0.1152	-64	128	-0.1152	0.0000	-0.0654
10	-79	117	-0.1176	-63	128	-0.1146	0.0030	-0.0654
12	-46	78	-0.0744	-34	86	-0.0720	0.0024	-0.0684
14	-49	85	-0.0804	-39	95	-0.0804	0.0000	-0.0708
16	-34	73	-0.0642	-23	83	-0.0636	0.0006	-0.0708
18	-38	78	-0.0696	-27	91	-0.0708	-0.0012	-0.0714
20	-22	62	-0.0504	-11	73	-0.0504	0.0000	-0.0702
22	9	30	-0.0126	17	43	-0.0156	-0.0030	-0.0702
24	-14	51	-0.0390	-3	64	-0.0402	-0.0012	-0.0672
26	-16	53	-0.0414	-7	67	-0.0444	-0.0030	-0.0660
28	-102	137	-0.1434	-92	153	-0.1470	-0.0036	-0.0630
30	-161	200	-0.2166	-146	211	-0.2142	0.0024	-0.0594
32	-206	235	-0.2646	-202	253	-0.2730	-0.0084	-0.0618
34	-305	340	-0.3870	-301	353	-0.3924	-0.0054	-0.0534
36	-333	370	-0.4218	-323	381	-0.4224	-0.0006	-0.0480
38	-262	297	-0.3354	-254	309	-0.3378	-0.0024	-0.0474
40	-179	217	-0.2376	-176	234	-0.2460	-0.0084	-0.0450
42	-118	155	-0.1638	-110	169	-0.1674	-0.0036	-0.0366
44	-116	153	-0.1614	-108	163	-0.1626	-0.0012	-0.0330
46	-85	121	-0.1236	-83	135	-0.1308	-0.0072	-0.0318
48	-63	94	-0.0942	-62	106	-0.1008	-0.0066	-0.0246
50	-152	185	-0.2022	-166	201	-0.2202	-0.0180	-0.0180
52	0	0	0.0000	0	0	0.0000	0.0000	0.0000

JS36B, A-Axis

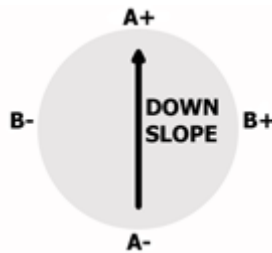


Cumulative Displacement (in) from 5/19/2009

JS36B, B-Axis



Cumulative Displacement (in) from 5/19/2009



John Sevier Fossil Plant

Rogersville, TN

175569038

7/16/2009

**SITE** JSF  
**INSTALLATION** JS36B  
**DESCRIPTION**

**CURRENT SURVEY** 5/21/2009 2:11:42 PM

**INITIAL SURVEY** 5/19/2009 7:17:03 AM

**DATE PRINTED** 7/15/2009 10:11:45 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	267	-243	0.3060	267	-246	0.3078	0.0018	0.0000
4	273	-245	0.3108	274	-249	0.3138	0.0030	-0.0018
6	263	-234	0.2982	266	-238	0.3024	0.0042	-0.0048
8	197	-168	0.2190	197	-171	0.2208	0.0018	-0.0090
10	171	-145	0.1896	172	-147	0.1914	0.0018	-0.0108
12	148	-122	0.1620	147	-125	0.1632	0.0012	-0.0126
14	113	-85	0.1188	114	-89	0.1218	0.0030	-0.0138
16	42	-14	0.0336	43	-18	0.0366	0.0030	-0.0168
18	-58	86	-0.0864	-55	81	-0.0816	0.0048	-0.0198
20	-165	191	-0.2136	-163	187	-0.2100	0.0036	-0.0246
22	-201	226	-0.2562	-202	225	-0.2562	0.0000	-0.0282
24	-219	247	-0.2796	-218	244	-0.2772	0.0024	-0.0282
26	-217	244	-0.2766	-217	241	-0.2748	0.0018	-0.0306
28	-211	242	-0.2718	-213	237	-0.2700	0.0018	-0.0324
30	-232	260	-0.2952	-233	256	-0.2934	0.0018	-0.0342
32	-229	255	-0.2904	-230	253	-0.2898	0.0006	-0.0360
34	-231	260	-0.2946	-231	256	-0.2922	0.0024	-0.0366
36	-224	252	-0.2856	-225	250	-0.2850	0.0006	-0.0390
38	-251	279	-0.3180	-250	277	-0.3162	0.0018	-0.0396
40	-259	287	-0.3276	-260	285	-0.3270	0.0006	-0.0414
42	-213	237	-0.2700	-215	240	-0.2730	-0.0030	-0.0420
44	-59	86	-0.0870	-63	89	-0.0912	-0.0042	-0.0390
46	126	-98	0.1344	110	-83	0.1158	-0.0186	-0.0348
48	588	-560	0.6888	575	-548	0.6738	-0.0150	-0.0162
50	555	-526	0.6486	565	-540	0.6630	0.0144	-0.0012
52	551	-525	0.6456	544	-517	0.6366	-0.0090	-0.0156
54	726	-699	0.8550	720	-694	0.8484	-0.0066	-0.0066
56	0	0	0.0000	0	0	0.0000	0.0000	0.0000



**SITE** JSF  
**INSTALLATION** JS36B  
**DESCRIPTION**

**CURRENT SURVEY** 6/4/2009 10:35:19 AM

**INITIAL SURVEY** 5/19/2009 7:17:03 AM

**DATE PRINTED** 7/15/2009 10:11:45 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	267	-243	0.3060	274	-250	0.3144	0.0084	-0.0030
4	273	-245	0.3108	275	-246	0.3126	0.0018	-0.0114
6	263	-234	0.2982	267	-235	0.3012	0.0030	-0.0132
8	197	-168	0.2190	199	-169	0.2208	0.0018	-0.0162
10	171	-145	0.1896	173	-145	0.1908	0.0012	-0.0180
12	148	-122	0.1620	149	-125	0.1644	0.0024	-0.0192
14	113	-85	0.1188	115	-87	0.1212	0.0024	-0.0216
16	42	-14	0.0336	45	-17	0.0372	0.0036	-0.0240
18	-58	86	-0.0864	-55	81	-0.0816	0.0048	-0.0276
20	-165	191	-0.2136	-162	189	-0.2106	0.0030	-0.0324
22	-201	226	-0.2562	-199	225	-0.2544	0.0018	-0.0354
24	-219	247	-0.2796	-217	245	-0.2772	0.0024	-0.0372
26	-217	244	-0.2766	-218	243	-0.2766	0.0000	-0.0396
28	-211	242	-0.2718	-213	240	-0.2718	0.0000	-0.0396
30	-232	260	-0.2952	-233	257	-0.2940	0.0012	-0.0396
32	-229	255	-0.2904	-230	255	-0.2910	-0.0006	-0.0408
34	-231	260	-0.2946	-230	258	-0.2928	0.0018	-0.0402
36	-224	252	-0.2856	-225	252	-0.2862	-0.0006	-0.0420
38	-251	279	-0.3180	-251	278	-0.3174	0.0006	-0.0414
40	-259	287	-0.3276	-258	286	-0.3264	0.0012	-0.0420
42	-213	237	-0.2700	-215	241	-0.2736	-0.0036	-0.0432
44	-59	86	-0.0870	-63	90	-0.0918	-0.0048	-0.0396
46	126	-98	0.1344	110	-85	0.1170	-0.0174	-0.0348
48	588	-560	0.6888	574	-549	0.6738	-0.0150	-0.0174
50	555	-526	0.6486	567	-538	0.6630	0.0144	-0.0024
52	551	-525	0.6456	543	-517	0.6360	-0.0096	-0.0168
54	726	-699	0.8550	719	-694	0.8478	-0.0072	-0.0072
56	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36B  
**DESCRIPTION**

**CURRENT SURVEY** 6/16/2009 3:27:00 PM

**INITIAL SURVEY** 5/19/2009 7:17:03 AM

**DATE PRINTED** 7/15/2009 10:11:45 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	267	-243	0.3060	257	-274	0.3186	0.0126	-0.0024
4	273	-245	0.3108	252	-265	0.3102	-0.0006	-0.0150
6	263	-234	0.2982	239	-255	0.2964	-0.0018	-0.0144
8	197	-168	0.2190	174	-188	0.2172	-0.0018	-0.0126
10	171	-145	0.1896	151	-163	0.1884	-0.0012	-0.0108
12	148	-122	0.1620	128	-143	0.1626	0.0006	-0.0096
14	113	-85	0.1188	91	-105	0.1176	-0.0012	-0.0102
16	42	-14	0.0336	19	-35	0.0324	-0.0012	-0.0090
18	-58	86	-0.0864	-78	63	-0.0846	0.0018	-0.0078
20	-165	191	-0.2136	-183	171	-0.2124	0.0012	-0.0096
22	-201	226	-0.2562	-221	205	-0.2556	0.0006	-0.0108
24	-219	247	-0.2796	-241	225	-0.2796	0.0000	-0.0114
26	-217	244	-0.2766	-238	220	-0.2748	0.0018	-0.0114
28	-211	242	-0.2718	-235	220	-0.2730	-0.0012	-0.0132
30	-232	260	-0.2952	-251	239	-0.2940	0.0012	-0.0120
32	-229	255	-0.2904	-249	234	-0.2898	0.0006	-0.0132
34	-231	260	-0.2946	-252	237	-0.2934	0.0012	-0.0138
36	-224	252	-0.2856	-245	230	-0.2850	0.0006	-0.0150
38	-251	279	-0.3180	-271	256	-0.3162	0.0018	-0.0156
40	-259	287	-0.3276	-278	265	-0.3258	0.0018	-0.0174
42	-213	237	-0.2700	-231	217	-0.2688	0.0012	-0.0192
44	-59	86	-0.0870	-81	64	-0.0870	0.0000	-0.0204
46	126	-98	0.1344	97	-113	0.1260	-0.0084	-0.0204
48	588	-560	0.6888	559	-576	0.6810	-0.0078	-0.0120
50	555	-526	0.6486	538	-552	0.6540	0.0054	-0.0042
52	551	-525	0.6456	527	-541	0.6408	-0.0048	-0.0096
54	726	-699	0.8550	700	-717	0.8502	-0.0048	-0.0048
56	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36B  
**DESCRIPTION**

**CURRENT SURVEY** 6/30/2009 11:25:12 AM

**INITIAL SURVEY** 5/19/2009 7:17:03 AM

**DATE PRINTED** 7/15/2009 10:11:45 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	267	-243	0.3060	299	-295	0.3564	0.0504	0.0840
4	273	-245	0.3108	267	-257	0.3144	0.0036	0.0336
6	263	-234	0.2982	257	-248	0.3030	0.0048	0.0300
8	197	-168	0.2190	190	-181	0.2226	0.0036	0.0252
10	171	-145	0.1896	166	-156	0.1932	0.0036	0.0216
12	148	-122	0.1620	145	-137	0.1692	0.0072	0.0180
14	113	-85	0.1188	108	-98	0.1236	0.0048	0.0108
16	42	-14	0.0336	38	-29	0.0402	0.0066	0.0060
18	-58	86	-0.0864	-61	69	-0.0780	0.0084	-0.0006
20	-165	191	-0.2136	-169	175	-0.2064	0.0072	-0.0090
22	-201	226	-0.2562	-206	213	-0.2514	0.0048	-0.0162
24	-219	247	-0.2796	-225	233	-0.2748	0.0048	-0.0210
26	-217	244	-0.2766	-220	230	-0.2700	0.0066	-0.0258
28	-211	242	-0.2718	-216	227	-0.2658	0.0060	-0.0324
30	-232	260	-0.2952	-239	246	-0.2910	0.0042	-0.0384
32	-229	255	-0.2904	-238	244	-0.2892	0.0012	-0.0426
34	-231	260	-0.2946	-238	247	-0.2910	0.0036	-0.0438
36	-224	252	-0.2856	-233	241	-0.2844	0.0012	-0.0474
38	-251	279	-0.3180	-259	267	-0.3156	0.0024	-0.0486
40	-259	287	-0.3276	-267	275	-0.3252	0.0024	-0.0510
42	-213	237	-0.2700	-226	232	-0.2748	-0.0048	-0.0534
44	-59	86	-0.0870	-73	80	-0.0918	-0.0048	-0.0486
46	126	-98	0.1344	98	-89	0.1122	-0.0222	-0.0438
48	588	-560	0.6888	559	-553	0.6672	-0.0216	-0.0216
50	555	-526	0.6486	562	-553	0.6690	0.0204	0.0000
52	551	-525	0.6456	531	-525	0.6336	-0.0120	-0.0204
54	726	-699	0.8550	709	-702	0.8466	-0.0084	-0.0084
56	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36B  
**DESCRIPTION**

**CURRENT SURVEY** 7/13/2009 1:00:05 PM

**INITIAL SURVEY** 5/19/2009 7:17:03 AM

**DATE PRINTED** 7/15/2009 10:11:45 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	267	-243	0.3060	380	-371	0.4506	0.1446	0.1662
4	273	-245	0.3108	268	-253	0.3126	0.0018	0.0216
6	263	-234	0.2982	258	-242	0.3000	0.0018	0.0198
8	197	-168	0.2190	189	-177	0.2196	0.0006	0.0180
10	171	-145	0.1896	166	-153	0.1914	0.0018	0.0174
12	148	-122	0.1620	145	-135	0.1680	0.0060	0.0156
14	113	-85	0.1188	107	-94	0.1206	0.0018	0.0096
16	42	-14	0.0336	35	-25	0.0360	0.0024	0.0078
18	-58	86	-0.0864	-61	75	-0.0816	0.0048	0.0054
20	-165	191	-0.2136	-169	182	-0.2106	0.0030	0.0006
22	-201	226	-0.2562	-206	219	-0.2550	0.0012	-0.0024
24	-219	247	-0.2796	-225	240	-0.2790	0.0006	-0.0036
26	-217	244	-0.2766	-222	232	-0.2724	0.0042	-0.0042
28	-211	242	-0.2718	-219	230	-0.2694	0.0024	-0.0084
30	-232	260	-0.2952	-239	249	-0.2928	0.0024	-0.0108
32	-229	255	-0.2904	-237	246	-0.2898	0.0006	-0.0132
34	-231	260	-0.2946	-238	250	-0.2928	0.0018	-0.0138
36	-224	252	-0.2856	-233	243	-0.2856	0.0000	-0.0156
38	-251	279	-0.3180	-259	270	-0.3174	0.0006	-0.0156
40	-259	287	-0.3276	-266	278	-0.3264	0.0012	-0.0162
42	-213	237	-0.2700	-221	231	-0.2712	-0.0012	-0.0174
44	-59	86	-0.0870	-67	78	-0.0870	0.0000	-0.0162
46	126	-98	0.1344	110	-99	0.1254	-0.0090	-0.0162
48	588	-560	0.6888	571	-561	0.6792	-0.0096	-0.0072
50	555	-526	0.6486	554	-542	0.6576	0.0090	0.0024
52	551	-525	0.6456	541	-529	0.6420	-0.0036	-0.0066
54	726	-699	0.8550	716	-704	0.8520	-0.0030	-0.0030
56	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36B  
**DESCRIPTION**

**CURRENT SURVEY** 5/21/2009 2:11:42 PM

**INITIAL SURVEY** 5/19/2009 7:17:03 AM

**DATE PRINTED** 7/15/2009 10:11:54 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	228	-193	0.2526	210	-197	0.2442	-0.0084	0.0126
4	163	-132	0.1770	162	-130	0.1752	-0.0018	0.0210
6	322	-289	0.3666	319	-290	0.3654	-0.0012	0.0228
8	374	-333	0.4242	373	-337	0.4260	0.0018	0.0240
10	366	-326	0.4152	365	-331	0.4176	0.0024	0.0222
12	372	-335	0.4242	369	-333	0.4212	-0.0030	0.0198
14	353	-313	0.3996	351	-314	0.3990	-0.0006	0.0228
16	344	-311	0.3930	342	-314	0.3936	0.0006	0.0234
18	339	-305	0.3864	340	-306	0.3876	0.0012	0.0228
20	393	-354	0.4482	391	-355	0.4476	-0.0006	0.0216
22	466	-430	0.5376	465	-430	0.5370	-0.0006	0.0222
24	549	-510	0.6354	545	-509	0.6324	-0.0030	0.0228
26	626	-597	0.7338	626	-599	0.7350	0.0012	0.0258
28	503	-473	0.5856	511	-484	0.5970	0.0114	0.0246
30	332	-300	0.3792	336	-305	0.3846	0.0054	0.0132
32	205	-166	0.2226	206	-174	0.2280	0.0054	0.0078
34	150	-108	0.1548	149	-110	0.1554	0.0006	0.0024
36	115	-83	0.1188	117	-86	0.1218	0.0030	0.0018
38	55	-15	0.0420	54	-18	0.0432	0.0012	-0.0012
40	77	-38	0.0690	74	-39	0.0678	-0.0012	-0.0024
42	133	-99	0.1392	128	-95	0.1338	-0.0054	-0.0012
44	223	-185	0.2448	221	-188	0.2454	0.0006	0.0042
46	177	-153	0.1980	181	-162	0.2058	0.0078	0.0036
48	4	31	-0.0162	9	20	-0.0066	0.0096	-0.0042
50	3	33	-0.0180	-6	35	-0.0246	-0.0066	-0.0138
52	125	-86	0.1266	119	-83	0.1212	-0.0054	-0.0072
54	179	-142	0.1926	177	-141	0.1908	-0.0018	-0.0018
56	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36B  
**DESCRIPTION**

**CURRENT SURVEY** 6/4/2009 10:35:19 AM

**INITIAL SURVEY** 5/19/2009 7:17:03 AM

**DATE PRINTED** 7/15/2009 10:11:54 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	228	-193	0.2526	215	-195	0.2460	-0.0066	-0.0582
4	163	-132	0.1770	157	-128	0.1710	-0.0060	-0.0516
6	322	-289	0.3666	315	-291	0.3636	-0.0030	-0.0456
8	374	-333	0.4242	371	-335	0.4236	-0.0006	-0.0426
10	366	-326	0.4152	362	-328	0.4140	-0.0012	-0.0420
12	372	-335	0.4242	367	-337	0.4224	-0.0018	-0.0408
14	353	-313	0.3996	349	-318	0.4002	0.0006	-0.0390
16	344	-311	0.3930	337	-315	0.3912	-0.0018	-0.0396
18	339	-305	0.3864	333	-306	0.3834	-0.0030	-0.0378
20	393	-354	0.4482	387	-357	0.4464	-0.0018	-0.0348
22	466	-430	0.5376	453	-431	0.5304	-0.0072	-0.0330
24	549	-510	0.6354	545	-510	0.6330	-0.0024	-0.0258
26	626	-597	0.7338	620	-598	0.7308	-0.0030	-0.0234
28	503	-473	0.5856	498	-482	0.5880	0.0024	-0.0204
30	332	-300	0.3792	329	-307	0.3816	0.0024	-0.0228
32	205	-166	0.2226	199	-172	0.2226	0.0000	-0.0252
34	150	-108	0.1548	147	-115	0.1572	0.0024	-0.0252
36	115	-83	0.1188	110	-87	0.1182	-0.0006	-0.0276
38	55	-15	0.0420	49	-17	0.0396	-0.0024	-0.0270
40	77	-38	0.0690	69	-41	0.0660	-0.0030	-0.0246
42	133	-99	0.1392	126	-96	0.1332	-0.0060	-0.0216
44	223	-185	0.2448	220	-185	0.2430	-0.0018	-0.0156
46	177	-153	0.1980	165	-165	0.1980	0.0000	-0.0138
48	4	31	-0.0162	2	22	-0.0120	0.0042	-0.0138
50	3	33	-0.0180	-8	35	-0.0258	-0.0078	-0.0180
52	125	-86	0.1266	115	-85	0.1200	-0.0066	-0.0102
54	179	-142	0.1926	174	-141	0.1890	-0.0036	-0.0036
56	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36B  
**DESCRIPTION**

**CURRENT SURVEY** 6/16/2009 3:27:00 PM

**INITIAL SURVEY** 5/19/2009 7:17:03 AM

**DATE PRINTED** 7/15/2009 10:11:55 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	228	-193	0.2526	207	-208	0.2490	-0.0036	-0.0192
4	163	-132	0.1770	141	-142	0.1698	-0.0072	-0.0156
6	322	-289	0.3666	301	-300	0.3606	-0.0060	-0.0084
8	374	-333	0.4242	353	-352	0.4230	-0.0012	-0.0024
10	366	-326	0.4152	346	-345	0.4146	-0.0006	-0.0012
12	372	-335	0.4242	349	-351	0.4200	-0.0042	-0.0006
14	353	-313	0.3996	332	-331	0.3978	-0.0018	0.0036
16	344	-311	0.3930	329	-329	0.3948	0.0018	0.0054
18	339	-305	0.3864	321	-320	0.3846	-0.0018	0.0036
20	393	-354	0.4482	372	-369	0.4446	-0.0036	0.0054
22	466	-430	0.5376	445	-444	0.5334	-0.0042	0.0090
24	549	-510	0.6354	527	-527	0.6324	-0.0030	0.0132
26	626	-597	0.7338	612	-613	0.7350	0.0012	0.0162
28	503	-473	0.5856	494	-492	0.5916	0.0060	0.0150
30	332	-300	0.3792	321	-317	0.3828	0.0036	0.0090
32	205	-166	0.2226	189	-187	0.2256	0.0030	0.0054
34	150	-108	0.1548	128	-128	0.1536	-0.0012	0.0024
36	115	-83	0.1188	101	-101	0.1212	0.0024	0.0036
38	55	-15	0.0420	34	-33	0.0402	-0.0018	0.0012
40	77	-38	0.0690	56	-55	0.0666	-0.0024	0.0030
42	133	-99	0.1392	111	-111	0.1332	-0.0060	0.0054
44	223	-185	0.2448	203	-204	0.2442	-0.0006	0.0114
46	177	-153	0.1980	174	-174	0.2088	0.0108	0.0120
48	4	31	-0.0162	-5	8	-0.0078	0.0084	0.0012
50	3	33	-0.0180	-16	19	-0.0210	-0.0030	-0.0072
52	125	-86	0.1266	102	-100	0.1212	-0.0054	-0.0042
54	179	-142	0.1926	161	-162	0.1938	0.0012	0.0012
56	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36B  
**DESCRIPTION**

**CURRENT SURVEY** 6/30/2009 11:25:12 AM

**INITIAL SURVEY** 5/19/2009 7:17:03 AM

**DATE PRINTED** 7/15/2009 10:11:55 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	228	-193	0.2526	224	-177	0.2406	-0.0120	-0.0150
4	163	-132	0.1770	170	-128	0.1788	0.0018	-0.0030
6	322	-289	0.3666	329	-283	0.3672	0.0006	-0.0048
8	374	-333	0.4242	385	-323	0.4248	0.0006	-0.0054
10	366	-326	0.4152	377	-316	0.4158	0.0006	-0.0060
12	372	-335	0.4242	381	-321	0.4212	-0.0030	-0.0066
14	353	-313	0.3996	365	-300	0.3990	-0.0006	-0.0036
16	344	-311	0.3930	352	-305	0.3942	0.0012	-0.0030
18	339	-305	0.3864	352	-296	0.3888	0.0024	-0.0042
20	393	-354	0.4482	403	-347	0.4500	0.0018	-0.0066
22	466	-430	0.5376	476	-421	0.5382	0.0006	-0.0084
24	549	-510	0.6354	559	-504	0.6378	0.0024	-0.0090
26	626	-597	0.7338	631	-589	0.7320	-0.0018	-0.0114
28	503	-473	0.5856	503	-472	0.5850	-0.0006	-0.0096
30	332	-300	0.3792	339	-298	0.3822	0.0030	-0.0090
32	205	-166	0.2226	216	-162	0.2268	0.0042	-0.0120
34	150	-108	0.1548	161	-98	0.1554	0.0006	-0.0162
36	115	-83	0.1188	127	-77	0.1224	0.0036	-0.0168
38	55	-15	0.0420	66	-11	0.0462	0.0042	-0.0204
40	77	-38	0.0690	85	-31	0.0696	0.0006	-0.0246
42	133	-99	0.1392	140	-85	0.1350	-0.0042	-0.0252
44	223	-185	0.2448	232	-174	0.2436	-0.0012	-0.0210
46	177	-153	0.1980	177	-150	0.1962	-0.0018	-0.0198
48	4	31	-0.0162	14	35	-0.0126	0.0036	-0.0180
50	3	33	-0.0180	2	41	-0.0234	-0.0054	-0.0216
52	125	-86	0.1266	124	-71	0.1170	-0.0096	-0.0162
54	179	-142	0.1926	182	-128	0.1860	-0.0066	-0.0066
56	0	0	0.0000	0	0	0.0000	0.0000	0.0000



**SITE** JSF  
**INSTALLATION** JS36B  
**DESCRIPTION**

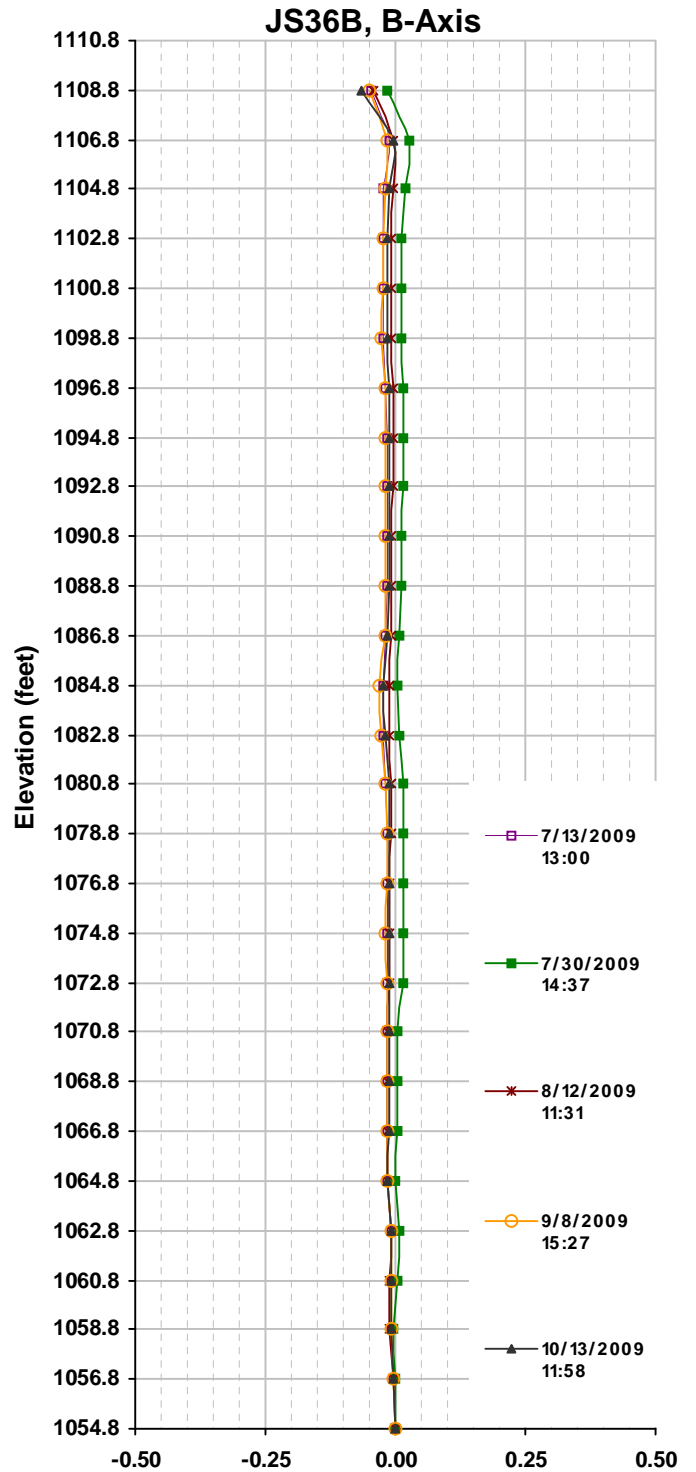
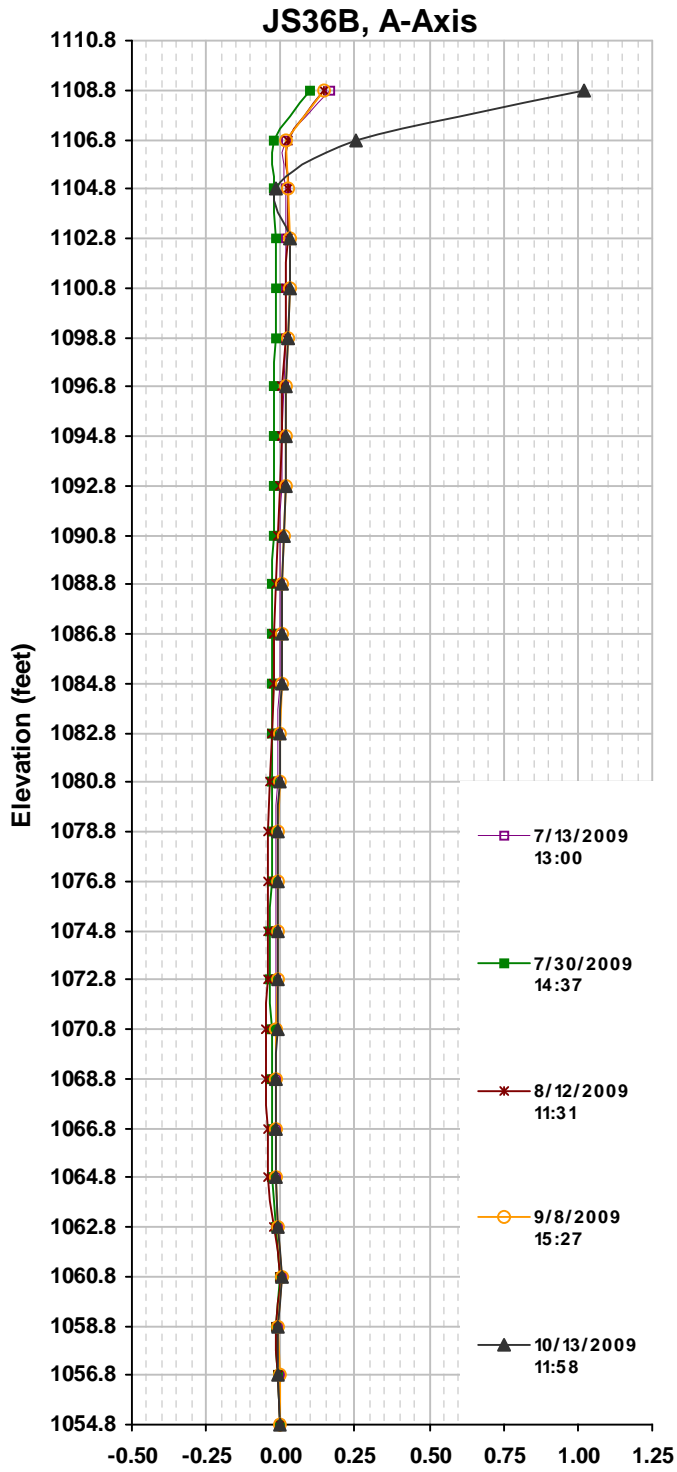
**CURRENT SURVEY** 7/13/2009 1:00:05 PM

**INITIAL SURVEY** 5/19/2009 7:17:03 AM

**DATE PRINTED** 7/15/2009 10:11:55 AM

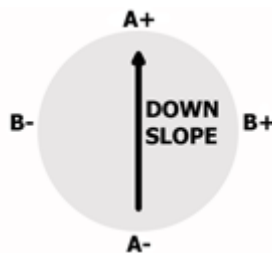
Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	228	-193	0.2526	209	-154	0.2178	-0.0348	-0.0480
4	163	-132	0.1770	174	-135	0.1854	0.0084	-0.0132
6	322	-289	0.3666	331	-281	0.3672	0.0006	-0.0216
8	374	-333	0.4242	383	-323	0.4236	-0.0006	-0.0222
10	366	-326	0.4152	375	-317	0.4152	0.0000	-0.0216
12	372	-335	0.4242	380	-321	0.4206	-0.0036	-0.0216
14	353	-313	0.3996	362	-299	0.3966	-0.0030	-0.0180
16	344	-311	0.3930	350	-303	0.3918	-0.0012	-0.0150
18	339	-305	0.3864	351	-296	0.3882	0.0018	-0.0138
20	393	-354	0.4482	403	-346	0.4494	0.0012	-0.0156
22	466	-430	0.5376	478	-422	0.5400	0.0024	-0.0168
24	549	-510	0.6354	561	-507	0.6408	0.0054	-0.0192
26	626	-597	0.7338	630	-589	0.7314	-0.0024	-0.0246
28	503	-473	0.5856	501	-467	0.5808	-0.0048	-0.0222
30	332	-300	0.3792	338	-292	0.3780	-0.0012	-0.0174
32	205	-166	0.2226	213	-157	0.2220	-0.0006	-0.0162
34	150	-108	0.1548	160	-100	0.1560	0.0012	-0.0156
36	115	-83	0.1188	122	-73	0.1170	-0.0018	-0.0168
38	55	-15	0.0420	66	-6	0.0432	0.0012	-0.0150
40	77	-38	0.0690	85	-30	0.0690	0.0000	-0.0162
42	133	-99	0.1392	143	-85	0.1368	-0.0024	-0.0162
44	223	-185	0.2448	235	-175	0.2460	0.0012	-0.0138
46	177	-153	0.1980	174	-146	0.1920	-0.0060	-0.0150
48	4	31	-0.0162	13	39	-0.0156	0.0006	-0.0090
50	3	33	-0.0180	7	38	-0.0186	-0.0006	-0.0096
52	125	-86	0.1266	127	-74	0.1206	-0.0060	-0.0090
54	179	-142	0.1926	184	-132	0.1896	-0.0030	-0.0030
56	0	0	0.0000	0	0	0.0000	0.0000	0.0000



Cumulative Displacement (in) from 5/19/2009

Cumulative Displacement (in) from 5/19/2009



John Sevier Fossil Plant

Rogersville, TN

175569038

10/15/2009

**SITE** JSF  
**INSTALLATION** JS36B  
**DESCRIPTION**

**CURRENT SURVEY** 7/13/2009 1:00:05 PM

**INITIAL SURVEY** 5/19/2009 7:17:03 AM

**DATE PRINTED** 10/15/2009 10:34:15 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	267	-243	0.3060	380	-371	0.4506	0.1446	0.1662
4	273	-245	0.3108	268	-253	0.3126	0.0018	0.0216
6	263	-234	0.2982	258	-242	0.3000	0.0018	0.0198
8	197	-168	0.2190	189	-177	0.2196	0.0006	0.0180
10	171	-145	0.1896	166	-153	0.1914	0.0018	0.0174
12	148	-122	0.1620	145	-135	0.1680	0.0060	0.0156
14	113	-85	0.1188	107	-94	0.1206	0.0018	0.0096
16	42	-14	0.0336	35	-25	0.0360	0.0024	0.0078
18	-58	86	-0.0864	-61	75	-0.0816	0.0048	0.0054
20	-165	191	-0.2136	-169	182	-0.2106	0.0030	0.0006
22	-201	226	-0.2562	-206	219	-0.2550	0.0012	-0.0024
24	-219	247	-0.2796	-225	240	-0.2790	0.0006	-0.0036
26	-217	244	-0.2766	-222	232	-0.2724	0.0042	-0.0042
28	-211	242	-0.2718	-219	230	-0.2694	0.0024	-0.0084
30	-232	260	-0.2952	-239	249	-0.2928	0.0024	-0.0108
32	-229	255	-0.2904	-237	246	-0.2898	0.0006	-0.0132
34	-231	260	-0.2946	-238	250	-0.2928	0.0018	-0.0138
36	-224	252	-0.2856	-233	243	-0.2856	0.0000	-0.0156
38	-251	279	-0.3180	-259	270	-0.3174	0.0006	-0.0156
40	-259	287	-0.3276	-266	278	-0.3264	0.0012	-0.0162
42	-213	237	-0.2700	-221	231	-0.2712	-0.0012	-0.0174
44	-59	86	-0.0870	-67	78	-0.0870	0.0000	-0.0162
46	126	-98	0.1344	110	-99	0.1254	-0.0090	-0.0162
48	588	-560	0.6888	571	-561	0.6792	-0.0096	-0.0072
50	555	-526	0.6486	554	-542	0.6576	0.0090	0.0024
52	551	-525	0.6456	541	-529	0.6420	-0.0036	-0.0066
54	726	-699	0.8550	716	-704	0.8520	-0.0030	-0.0030
56	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36B  
**DESCRIPTION**

**CURRENT SURVEY** 7/30/2009 2:37:19 PM

**INITIAL SURVEY** 5/19/2009 7:17:03 AM

**DATE PRINTED** 10/15/2009 10:34:15 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	267	-243	0.3060	359	-357	0.4296	0.1236	0.0990
4	273	-245	0.3108	259	-250	0.3054	-0.0054	-0.0246
6	263	-234	0.2982	250	-241	0.2946	-0.0036	-0.0192
8	197	-168	0.2190	186	-178	0.2184	-0.0006	-0.0156
10	171	-145	0.1896	161	-155	0.1896	0.0000	-0.0150
12	148	-122	0.1620	142	-137	0.1674	0.0054	-0.0150
14	113	-85	0.1188	103	-95	0.1188	0.0000	-0.0204
16	42	-14	0.0336	31	-26	0.0342	0.0006	-0.0204
18	-58	86	-0.0864	-66	72	-0.0828	0.0036	-0.0210
20	-165	191	-0.2136	-174	179	-0.2118	0.0018	-0.0246
22	-201	226	-0.2562	-209	215	-0.2544	0.0018	-0.0264
24	-219	247	-0.2796	-229	238	-0.2802	-0.0006	-0.0282
26	-217	244	-0.2766	-226	232	-0.2748	0.0018	-0.0276
28	-211	242	-0.2718	-222	229	-0.2706	0.0012	-0.0294
30	-232	260	-0.2952	-243	247	-0.2940	0.0012	-0.0306
32	-229	255	-0.2904	-240	244	-0.2904	0.0000	-0.0318
34	-231	260	-0.2946	-241	249	-0.2940	0.0006	-0.0318
36	-224	252	-0.2856	-235	241	-0.2856	0.0000	-0.0324
38	-251	279	-0.3180	-262	270	-0.3192	-0.0012	-0.0324
40	-259	287	-0.3276	-269	277	-0.3276	0.0000	-0.0312
42	-213	237	-0.2700	-225	230	-0.2730	-0.0030	-0.0312
44	-59	86	-0.0870	-70	78	-0.0888	-0.0018	-0.0282
46	126	-98	0.1344	106	-101	0.1242	-0.0102	-0.0264
48	588	-560	0.6888	568	-561	0.6774	-0.0114	-0.0162
50	555	-526	0.6486	551	-543	0.6564	0.0078	-0.0048
52	551	-525	0.6456	535	-531	0.6396	-0.0060	-0.0126
54	726	-699	0.8550	711	-703	0.8484	-0.0066	-0.0066
56	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36B  
**DESCRIPTION**

**CURRENT SURVEY** 8/12/2009 11:31:26 AM

**INITIAL SURVEY** 5/19/2009 7:17:03 AM

**DATE PRINTED** 10/15/2009 10:34:15 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	267	-243	0.3060	359	-356	0.4290	0.1230	0.1452
4	273	-245	0.3108	263	-253	0.3096	-0.0012	0.0222
6	263	-234	0.2982	254	-245	0.2994	0.0012	0.0234
8	197	-168	0.2190	189	-180	0.2214	0.0024	0.0222
10	171	-145	0.1896	165	-157	0.1932	0.0036	0.0198
12	148	-122	0.1620	145	-139	0.1704	0.0084	0.0162
14	113	-85	0.1188	106	-97	0.1218	0.0030	0.0078
16	42	-14	0.0336	37	-29	0.0396	0.0060	0.0048
18	-58	86	-0.0864	-59	68	-0.0762	0.0102	-0.0012
20	-165	191	-0.2136	-170	175	-0.2070	0.0066	-0.0114
22	-201	226	-0.2562	-207	213	-0.2520	0.0042	-0.0180
24	-219	247	-0.2796	-226	235	-0.2766	0.0030	-0.0222
26	-217	244	-0.2766	-221	229	-0.2700	0.0066	-0.0252
28	-211	242	-0.2718	-217	228	-0.2670	0.0048	-0.0318
30	-232	260	-0.2952	-241	246	-0.2922	0.0030	-0.0366
32	-229	255	-0.2904	-238	244	-0.2892	0.0012	-0.0396
34	-231	260	-0.2946	-239	247	-0.2916	0.0030	-0.0408
36	-224	252	-0.2856	-234	241	-0.2850	0.0006	-0.0438
38	-251	279	-0.3180	-259	268	-0.3162	0.0018	-0.0444
40	-259	287	-0.3276	-269	275	-0.3264	0.0012	-0.0462
42	-213	237	-0.2700	-226	231	-0.2742	-0.0042	-0.0474
44	-59	86	-0.0870	-71	79	-0.0900	-0.0030	-0.0432
46	126	-98	0.1344	99	-93	0.1152	-0.0192	-0.0402
48	588	-560	0.6888	562	-556	0.6708	-0.0180	-0.0210
50	555	-526	0.6486	557	-547	0.6624	0.0138	-0.0030
52	551	-525	0.6456	534	-527	0.6366	-0.0090	-0.0168
54	726	-699	0.8550	709	-703	0.8472	-0.0078	-0.0078
56	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36B  
**DESCRIPTION**

**CURRENT SURVEY** 9/8/2009 3:27:03 PM

**INITIAL SURVEY** 5/19/2009 7:17:03 AM

**DATE PRINTED** 10/15/2009 10:34:15 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	267	-243	0.3060	365	-355	0.4320	0.1260	0.1470
4	273	-245	0.3108	263	-247	0.3060	-0.0048	0.0210
6	263	-234	0.2982	253	-237	0.2940	-0.0042	0.0258
8	197	-168	0.2190	190	-177	0.2202	0.0012	0.0300
10	171	-145	0.1896	166	-152	0.1908	0.0012	0.0288
12	148	-122	0.1620	147	-136	0.1698	0.0078	0.0276
14	113	-85	0.1188	107	-93	0.1200	0.0012	0.0198
16	42	-14	0.0336	37	-23	0.0360	0.0024	0.0186
18	-58	86	-0.0864	-60	74	-0.0804	0.0060	0.0162
20	-165	191	-0.2136	-168	181	-0.2094	0.0042	0.0102
22	-201	226	-0.2562	-206	218	-0.2544	0.0018	0.0060
24	-219	247	-0.2796	-225	241	-0.2796	0.0000	0.0042
26	-217	244	-0.2766	-221	233	-0.2724	0.0042	0.0042
28	-211	242	-0.2718	-217	230	-0.2682	0.0036	0.0000
30	-232	260	-0.2952	-238	249	-0.2922	0.0030	-0.0036
32	-229	255	-0.2904	-235	246	-0.2886	0.0018	-0.0066
34	-231	260	-0.2946	-237	250	-0.2922	0.0024	-0.0084
36	-224	252	-0.2856	-231	243	-0.2844	0.0012	-0.0108
38	-251	279	-0.3180	-258	270	-0.3168	0.0012	-0.0120
40	-259	287	-0.3276	-265	278	-0.3258	0.0018	-0.0132
42	-213	237	-0.2700	-219	231	-0.2700	0.0000	-0.0150
44	-59	86	-0.0870	-66	79	-0.0870	0.0000	-0.0150
46	126	-98	0.1344	112	-96	0.1248	-0.0096	-0.0150
48	588	-560	0.6888	573	-561	0.6804	-0.0084	-0.0054
50	555	-526	0.6486	555	-543	0.6588	0.0102	0.0030
52	551	-525	0.6456	541	-529	0.6420	-0.0036	-0.0072
54	726	-699	0.8550	716	-703	0.8514	-0.0036	-0.0036
56	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36B  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 11:58:09 AM

**INITIAL SURVEY** 5/19/2009 7:17:03 AM

**DATE PRINTED** 10/15/2009 10:34:15 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	267	-243	0.3060	901	-890	1.0746	0.7686	1.0200
4	273	-245	0.3108	487	-473	0.5760	0.2652	0.2514
6	263	-234	0.2982	221	-205	0.2556	-0.0426	-0.0138
8	197	-168	0.2190	190	-175	0.2190	0.0000	0.0288
10	171	-145	0.1896	166	-152	0.1908	0.0012	0.0288
12	148	-122	0.1620	149	-136	0.1710	0.0090	0.0276
14	113	-85	0.1188	107	-92	0.1194	0.0006	0.0186
16	42	-14	0.0336	37	-22	0.0354	0.0018	0.0180
18	-58	86	-0.0864	-58	74	-0.0792	0.0072	0.0162
20	-165	191	-0.2136	-167	182	-0.2094	0.0042	0.0090
22	-201	226	-0.2562	-205	218	-0.2538	0.0024	0.0048
24	-219	247	-0.2796	-225	242	-0.2802	-0.0006	0.0024
26	-217	244	-0.2766	-221	234	-0.2730	0.0036	0.0030
28	-211	242	-0.2718	-218	231	-0.2694	0.0024	-0.0006
30	-232	260	-0.2952	-238	250	-0.2928	0.0024	-0.0030
32	-229	255	-0.2904	-235	246	-0.2886	0.0018	-0.0054
34	-231	260	-0.2946	-237	251	-0.2928	0.0018	-0.0072
36	-224	252	-0.2856	-230	243	-0.2838	0.0018	-0.0090
38	-251	279	-0.3180	-257	271	-0.3168	0.0012	-0.0108
40	-259	287	-0.3276	-263	278	-0.3246	0.0030	-0.0120
42	-213	237	-0.2700	-219	231	-0.2700	0.0000	-0.0150
44	-59	86	-0.0870	-66	79	-0.0870	0.0000	-0.0150
46	126	-98	0.1344	112	-97	0.1254	-0.0090	-0.0150
48	588	-560	0.6888	575	-560	0.6810	-0.0078	-0.0060
50	555	-526	0.6486	556	-542	0.6588	0.0102	0.0018
52	551	-525	0.6456	542	-529	0.6426	-0.0030	-0.0084
54	726	-699	0.8550	715	-701	0.8496	-0.0054	-0.0054
56	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36B  
**DESCRIPTION**

**CURRENT SURVEY** 7/13/2009 1:00:05 PM

**INITIAL SURVEY** 5/19/2009 7:17:03 AM

**DATE PRINTED** 10/15/2009 10:34:28 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	228	-193	0.2526	209	-154	0.2178	-0.0348	-0.0480
4	163	-132	0.1770	174	-135	0.1854	0.0084	-0.0132
6	322	-289	0.3666	331	-281	0.3672	0.0006	-0.0216
8	374	-333	0.4242	383	-323	0.4236	-0.0006	-0.0222
10	366	-326	0.4152	375	-317	0.4152	0.0000	-0.0216
12	372	-335	0.4242	380	-321	0.4206	-0.0036	-0.0216
14	353	-313	0.3996	362	-299	0.3966	-0.0030	-0.0180
16	344	-311	0.3930	350	-303	0.3918	-0.0012	-0.0150
18	339	-305	0.3864	351	-296	0.3882	0.0018	-0.0138
20	393	-354	0.4482	403	-346	0.4494	0.0012	-0.0156
22	466	-430	0.5376	478	-422	0.5400	0.0024	-0.0168
24	549	-510	0.6354	561	-507	0.6408	0.0054	-0.0192
26	626	-597	0.7338	630	-589	0.7314	-0.0024	-0.0246
28	503	-473	0.5856	501	-467	0.5808	-0.0048	-0.0222
30	332	-300	0.3792	338	-292	0.3780	-0.0012	-0.0174
32	205	-166	0.2226	213	-157	0.2220	-0.0006	-0.0162
34	150	-108	0.1548	160	-100	0.1560	0.0012	-0.0156
36	115	-83	0.1188	122	-73	0.1170	-0.0018	-0.0168
38	55	-15	0.0420	66	-6	0.0432	0.0012	-0.0150
40	77	-38	0.0690	85	-30	0.0690	0.0000	-0.0162
42	133	-99	0.1392	143	-85	0.1368	-0.0024	-0.0162
44	223	-185	0.2448	235	-175	0.2460	0.0012	-0.0138
46	177	-153	0.1980	174	-146	0.1920	-0.0060	-0.0150
48	4	31	-0.0162	13	39	-0.0156	0.0006	-0.0090
50	3	33	-0.0180	7	38	-0.0186	-0.0006	-0.0096
52	125	-86	0.1266	127	-74	0.1206	-0.0060	-0.0090
54	179	-142	0.1926	184	-132	0.1896	-0.0030	-0.0030
56	0	0	0.0000	0	0	0.0000	0.0000	0.0000



**SITE** JSF  
**INSTALLATION** JS36B  
**DESCRIPTION**

**CURRENT SURVEY** 7/30/2009 2:37:19 PM

**INITIAL SURVEY** 5/19/2009 7:17:03 AM

**DATE PRINTED** 10/15/2009 10:34:28 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	228	-193	0.2526	209	-145	0.2124	-0.0402	-0.0150
4	163	-132	0.1770	175	-133	0.1848	0.0078	0.0252
6	322	-289	0.3666	337	-282	0.3714	0.0048	0.0174
8	374	-333	0.4242	387	-322	0.4254	0.0012	0.0126
10	366	-326	0.4152	379	-314	0.4158	0.0006	0.0114
12	372	-335	0.4242	383	-317	0.4200	-0.0042	0.0108
14	353	-313	0.3996	366	-298	0.3984	-0.0012	0.0150
16	344	-311	0.3930	353	-302	0.3930	0.0000	0.0162
18	339	-305	0.3864	355	-294	0.3894	0.0030	0.0162
20	393	-354	0.4482	406	-343	0.4494	0.0012	0.0132
22	466	-430	0.5376	481	-419	0.5400	0.0024	0.0120
24	549	-510	0.6354	565	-505	0.6420	0.0066	0.0096
26	626	-597	0.7338	631	-586	0.7302	-0.0036	0.0030
28	503	-473	0.5856	499	-465	0.5784	-0.0072	0.0066
30	332	-300	0.3792	339	-290	0.3774	-0.0018	0.0138
32	205	-166	0.2226	215	-155	0.2220	-0.0006	0.0156
34	150	-108	0.1548	165	-96	0.1566	0.0018	0.0162
36	115	-83	0.1188	127	-71	0.1188	0.0000	0.0144
38	55	-15	0.0420	70	-17	0.0522	0.0102	0.0144
40	77	-38	0.0690	88	-30	0.0708	0.0018	0.0042
42	133	-99	0.1392	147	-85	0.1392	0.0000	0.0024
44	223	-185	0.2448	238	-174	0.2472	0.0024	0.0024
46	177	-153	0.1980	177	-142	0.1914	-0.0066	0.0000
48	4	31	-0.0162	17	41	-0.0144	0.0018	0.0066
50	3	33	-0.0180	11	27	-0.0096	0.0084	0.0048
52	125	-86	0.1266	133	-73	0.1236	-0.0030	-0.0036
54	179	-142	0.1926	191	-129	0.1920	-0.0006	-0.0006
56	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36B  
**DESCRIPTION**

**CURRENT SURVEY** 8/12/2009 11:31:26 AM

**INITIAL SURVEY** 5/19/2009 7:17:03 AM

**DATE PRINTED** 10/15/2009 10:34:28 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	228	-193	0.2526	206	-150	0.2136	-0.0390	-0.0414
4	163	-132	0.1770	172	-127	0.1794	0.0024	-0.0024
6	322	-289	0.3666	331	-283	0.3684	0.0018	-0.0048
8	374	-333	0.4242	386	-323	0.4254	0.0012	-0.0066
10	366	-326	0.4152	377	-315	0.4152	0.0000	-0.0078
12	372	-335	0.4242	381	-320	0.4206	-0.0036	-0.0078
14	353	-313	0.3996	365	-300	0.3990	-0.0006	-0.0042
16	344	-311	0.3930	353	-305	0.3948	0.0018	-0.0036
18	339	-305	0.3864	353	-294	0.3882	0.0018	-0.0054
20	393	-354	0.4482	402	-346	0.4488	0.0006	-0.0072
22	466	-430	0.5376	477	-420	0.5382	0.0006	-0.0078
24	549	-510	0.6354	561	-504	0.6390	0.0036	-0.0084
26	626	-597	0.7338	632	-589	0.7326	-0.0012	-0.0120
28	503	-473	0.5856	501	-470	0.5826	-0.0030	-0.0108
30	332	-300	0.3792	338	-293	0.3786	-0.0006	-0.0078
32	205	-166	0.2226	217	-160	0.2262	0.0036	-0.0072
34	150	-108	0.1548	162	-98	0.1560	0.0012	-0.0108
36	115	-83	0.1188	126	-74	0.1200	0.0012	-0.0120
38	55	-15	0.0420	66	-7	0.0438	0.0018	-0.0132
40	77	-38	0.0690	86	-32	0.0708	0.0018	-0.0150
42	133	-99	0.1392	142	-86	0.1368	-0.0024	-0.0168
44	223	-185	0.2448	234	-174	0.2448	0.0000	-0.0144
46	177	-153	0.1980	176	-146	0.1932	-0.0048	-0.0144
48	4	31	-0.0162	14	38	-0.0144	0.0018	-0.0096
50	3	33	-0.0180	6	36	-0.0180	0.0000	-0.0114
52	125	-86	0.1266	129	-70	0.1194	-0.0072	-0.0114
54	179	-142	0.1926	186	-128	0.1884	-0.0042	-0.0042
56	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36B  
**DESCRIPTION**

**CURRENT SURVEY** 9/8/2009 3:27:03 PM

**INITIAL SURVEY** 5/19/2009 7:17:03 AM

**DATE PRINTED** 10/15/2009 10:34:28 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	228	-193	0.2526	210	-148	0.2148	-0.0378	-0.0516
4	163	-132	0.1770	171	-131	0.1812	0.0042	-0.0138
6	322	-289	0.3666	335	-285	0.3720	0.0054	-0.0180
8	374	-333	0.4242	387	-322	0.4254	0.0012	-0.0234
10	366	-326	0.4152	378	-315	0.4158	0.0006	-0.0246
12	372	-335	0.4242	382	-318	0.4200	-0.0042	-0.0252
14	353	-313	0.3996	365	-298	0.3978	-0.0018	-0.0210
16	344	-311	0.3930	352	-302	0.3924	-0.0006	-0.0192
18	339	-305	0.3864	353	-294	0.3882	0.0018	-0.0186
20	393	-354	0.4482	403	-343	0.4476	-0.0006	-0.0204
22	466	-430	0.5376	479	-419	0.5388	0.0012	-0.0198
24	549	-510	0.6354	564	-509	0.6438	0.0084	-0.0210
26	626	-597	0.7338	633	-586	0.7314	-0.0024	-0.0294
28	503	-473	0.5856	498	-467	0.5790	-0.0066	-0.0270
30	332	-300	0.3792	338	-286	0.3744	-0.0048	-0.0204
32	205	-166	0.2226	215	-156	0.2226	0.0000	-0.0156
34	150	-108	0.1548	164	-97	0.1566	0.0018	-0.0156
36	115	-83	0.1188	125	-71	0.1176	-0.0012	-0.0174
38	55	-15	0.0420	67	-4	0.0426	0.0006	-0.0162
40	77	-38	0.0690	86	-28	0.0684	-0.0006	-0.0168
42	133	-99	0.1392	144	-85	0.1374	-0.0018	-0.0162
44	223	-185	0.2448	236	-174	0.2460	0.0012	-0.0144
46	177	-153	0.1980	174	-146	0.1920	-0.0060	-0.0156
48	4	31	-0.0162	13	41	-0.0168	-0.0006	-0.0096
50	3	33	-0.0180	7	38	-0.0186	-0.0006	-0.0090
52	125	-86	0.1266	128	-73	0.1206	-0.0060	-0.0084
54	179	-142	0.1926	187	-130	0.1902	-0.0024	-0.0024
56	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS36B  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 11:58:09 AM

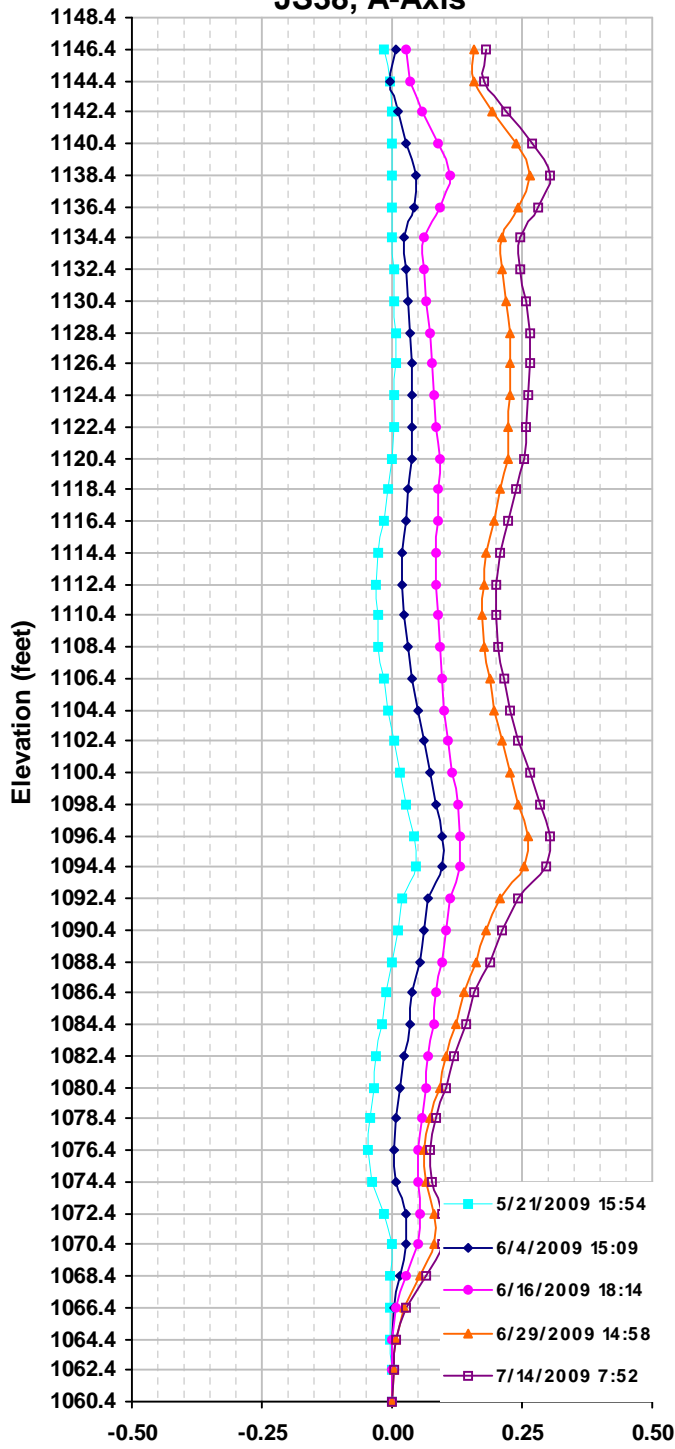
**INITIAL SURVEY** 5/19/2009 7:17:03 AM

**DATE PRINTED** 10/15/2009 10:34:29 AM

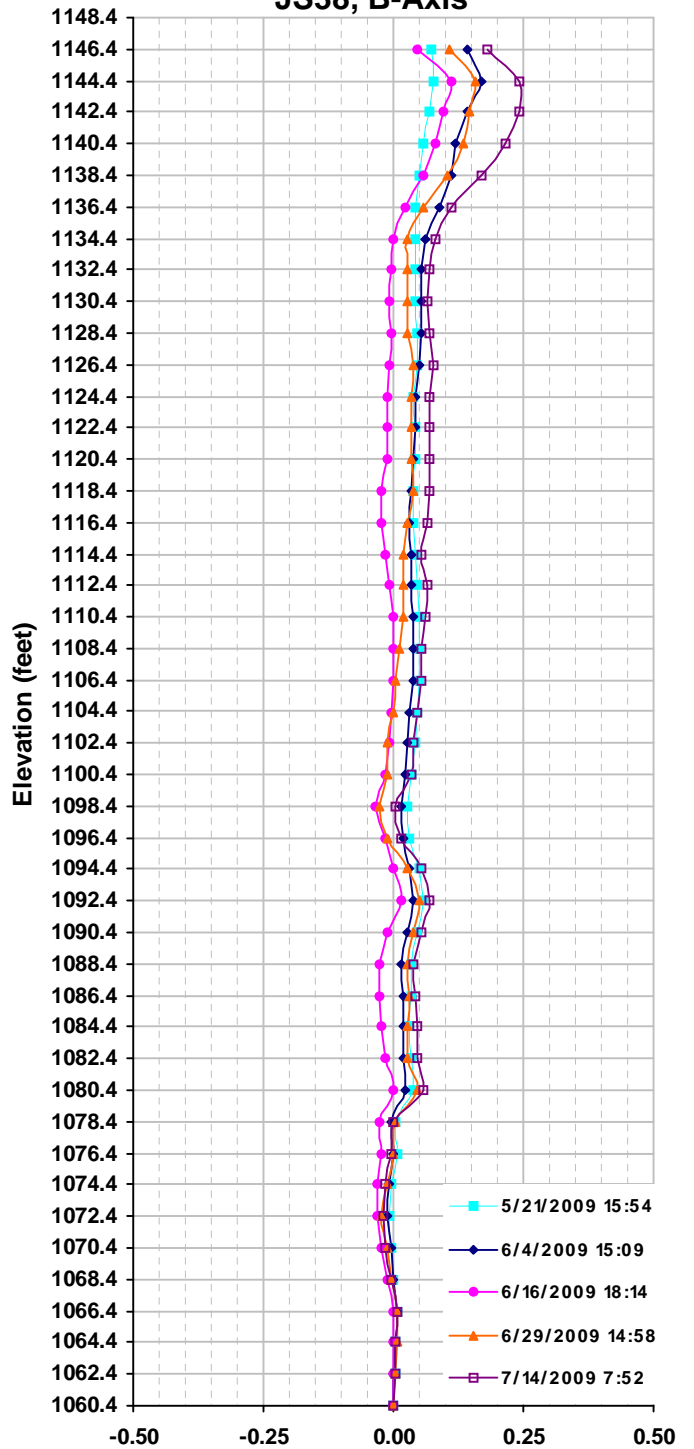
Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	228	-193	0.2526	193	-130	0.1938	-0.0588	-0.0642
4	163	-132	0.1770	170	-136	0.1836	0.0066	-0.0054
6	322	-289	0.3666	335	-280	0.3690	0.0024	-0.0120
8	374	-333	0.4242	387	-322	0.4254	0.0012	-0.0144
10	366	-326	0.4152	377	-316	0.4158	0.0006	-0.0156
12	372	-335	0.4242	382	-320	0.4212	-0.0030	-0.0162
14	353	-313	0.3996	365	-298	0.3978	-0.0018	-0.0132
16	344	-311	0.3930	353	-302	0.3930	0.0000	-0.0114
18	339	-305	0.3864	352	-294	0.3876	0.0012	-0.0114
20	393	-354	0.4482	403	-343	0.4476	-0.0006	-0.0126
22	466	-430	0.5376	481	-419	0.5400	0.0024	-0.0120
24	549	-510	0.6354	564	-508	0.6432	0.0078	-0.0144
26	626	-597	0.7338	631	-589	0.7320	-0.0018	-0.0222
28	503	-473	0.5856	498	-465	0.5778	-0.0078	-0.0204
30	332	-300	0.3792	338	-291	0.3774	-0.0018	-0.0126
32	205	-166	0.2226	216	-156	0.2232	0.0006	-0.0108
34	150	-108	0.1548	165	-96	0.1566	0.0018	-0.0114
36	115	-83	0.1188	126	-71	0.1182	-0.0006	-0.0132
38	55	-15	0.0420	66	-4	0.0420	0.0000	-0.0126
40	77	-38	0.0690	86	-30	0.0696	0.0006	-0.0126
42	133	-99	0.1392	145	-84	0.1374	-0.0018	-0.0132
44	223	-185	0.2448	238	-174	0.2472	0.0024	-0.0114
46	177	-153	0.1980	175	-143	0.1908	-0.0072	-0.0138
48	4	31	-0.0162	14	41	-0.0162	0.0000	-0.0066
50	3	33	-0.0180	7	35	-0.0168	0.0012	-0.0066
52	125	-86	0.1266	130	-73	0.1218	-0.0048	-0.0078
54	179	-142	0.1926	186	-130	0.1896	-0.0030	-0.0030
56	0	0	0.0000	0	0	0.0000	0.0000	0.0000

JS38, A-Axis

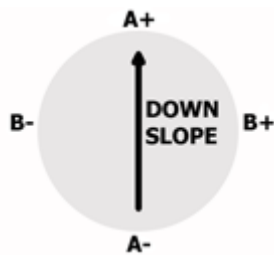


JS38, B-Axis



Cumulative Displacement (in) from 5/18/2009

Cumulative Displacement (in) from 5/18/2009



John Sevier Fossil Plant

Rogersville, TN

175569038

7/16/2009

**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 5/21/2009 3:54:44 PM

**INITIAL SURVEY** 5/18/2009 5:05:57 PM

**DATE PRINTED** 7/15/2009 10:19:17 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
10	-506	526	-0.6192	-513	539	-0.6312	-0.0120	-0.0150
12	-478	498	-0.5856	-478	503	-0.5886	-0.0030	-0.0030
14	-390	411	-0.4806	-386	413	-0.4794	0.0012	0.0000
16	-281	301	-0.3492	-279	306	-0.3510	-0.0018	-0.0012
18	-142	163	-0.1830	-139	167	-0.1836	-0.0006	0.0006
20	-1	22	-0.0138	3	23	-0.0120	0.0018	0.0012
22	137	-117	0.1524	137	-111	0.1488	-0.0036	-0.0006
24	302	-278	0.3480	302	-274	0.3456	-0.0024	0.0030
26	435	-410	0.5070	437	-405	0.5052	-0.0018	0.0054
28	465	-443	0.5448	469	-440	0.5454	0.0006	0.0072
30	418	-396	0.4884	422	-394	0.4896	0.0012	0.0066
32	314	-294	0.3648	318	-293	0.3666	0.0018	0.0054
34	185	-165	0.2100	193	-165	0.2148	0.0048	0.0036
36	-22	38	-0.0360	-10	37	-0.0282	0.0078	-0.0012
38	-259	282	-0.3246	-249	281	-0.3180	0.0066	-0.0090
40	-530	550	-0.6480	-517	546	-0.6378	0.0102	-0.0156
42	-746	766	-0.9072	-739	766	-0.9030	0.0042	-0.0258
44	-781	803	-0.9504	-779	807	-0.9516	-0.0012	-0.0300
46	-721	742	-0.8778	-722	747	-0.8814	-0.0036	-0.0288
48	-534	558	-0.6552	-541	566	-0.6642	-0.0090	-0.0252
50	-347	369	-0.4296	-353	378	-0.4386	-0.0090	-0.0162
52	-134	156	-0.1740	-143	166	-0.1854	-0.0114	-0.0072
54	150	-127	0.1662	141	-117	0.1548	-0.0114	0.0042
56	429	-404	0.4998	419	-392	0.4866	-0.0132	0.0156
58	823	-795	0.9708	810	-783	0.9558	-0.0150	0.0288
60	1057	-1033	1.2540	1059	-1029	1.2528	-0.0012	0.0438
62	780	-761	0.9246	807	-775	0.9492	0.0246	0.0450
64	346	-326	0.4032	357	-330	0.4122	0.0090	0.0204
66	258	-238	0.2976	271	-243	0.3084	0.0108	0.0114
68	-93	115	-0.1248	-78	107	-0.1110	0.0138	0.0006
70	-200	225	-0.2550	-193	225	-0.2508	0.0042	-0.0132
72	-450	472	-0.5532	-435	466	-0.5406	0.0126	-0.0174
74	-597	612	-0.7254	-589	611	-0.7200	0.0054	-0.0300
76	-716	739	-0.8730	-708	737	-0.8670	0.0060	-0.0354
78	-717	737	-0.8724	-710	738	-0.8688	0.0036	-0.0414
80	-741	763	-0.9024	-745	771	-0.9096	-0.0072	-0.0450
82	-463	485	-0.5688	-478	506	-0.5904	-0.0216	-0.0378
84	-104	127	-0.1386	-115	141	-0.1536	-0.0150	-0.0162
86	22	-1	0.0138	27	2	0.0150	0.0012	-0.0012

**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 5/21/2009 3:54:44 PM  
**INITIAL SURVEY** 5/18/2009 5:05:57 PM  
**DATE PRINTED** 7/15/2009 10:19:18 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
88	25	-3	0.0168	30	-1	0.0186	0.0018	-0.0024
90	33	-10	0.0258	35	-8	0.0258	0.0000	-0.0042
92	78	-58	0.0816	78	-51	0.0774	-0.0042	-0.0042
94	132	-109	0.1446	135	-106	0.1446	0.0000	0.0000
96	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 6/4/2009 3:09:28 PM

**INITIAL SURVEY** 5/18/2009 5:05:57 PM

**DATE PRINTED** 7/15/2009 10:19:18 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
10	-506	526	-0.6192	-494	519	-0.6078	0.0114	0.0072
12	-478	498	-0.5856	-486	515	-0.6006	-0.0150	-0.0042
14	-390	411	-0.4806	-400	430	-0.4980	-0.0174	0.0108
16	-281	301	-0.3492	-293	321	-0.3684	-0.0192	0.0282
18	-142	163	-0.1830	-135	163	-0.1788	0.0042	0.0474
20	-1	22	-0.0138	19	8	0.0066	0.0204	0.0432
22	137	-117	0.1524	139	-111	0.1500	-0.0024	0.0228
24	302	-278	0.3480	300	-270	0.3420	-0.0060	0.0252
26	435	-410	0.5070	436	-403	0.5034	-0.0036	0.0312
28	465	-443	0.5448	466	-438	0.5424	-0.0024	0.0348
30	418	-396	0.4884	420	-393	0.4878	-0.0006	0.0372
32	314	-294	0.3648	316	-290	0.3636	-0.0012	0.0378
34	185	-165	0.2100	188	-162	0.2100	0.0000	0.0390
36	-22	38	-0.0360	-13	35	-0.0288	0.0072	0.0390
38	-259	282	-0.3246	-252	281	-0.3198	0.0048	0.0318
40	-530	550	-0.6480	-521	546	-0.6402	0.0078	0.0270
42	-746	766	-0.9072	-745	767	-0.9072	0.0000	0.0192
44	-781	803	-0.9504	-782	809	-0.9546	-0.0042	0.0192
46	-721	742	-0.8778	-724	749	-0.8838	-0.0060	0.0234
48	-534	558	-0.6552	-540	569	-0.6654	-0.0102	0.0294
50	-347	369	-0.4296	-351	380	-0.4386	-0.0090	0.0396
52	-134	156	-0.1740	-141	169	-0.1860	-0.0120	0.0486
54	150	-127	0.1662	140	-114	0.1524	-0.0138	0.0606
56	429	-404	0.4998	422	-393	0.4890	-0.0108	0.0744
58	823	-795	0.9708	814	-783	0.9582	-0.0126	0.0852
60	1057	-1033	1.2540	1061	-1032	1.2558	0.0018	0.0978
62	780	-761	0.9246	804	-779	0.9498	0.0252	0.0960
64	346	-326	0.4032	354	-334	0.4128	0.0096	0.0708
66	258	-238	0.2976	267	-244	0.3066	0.0090	0.0612
68	-93	115	-0.1248	-81	106	-0.1122	0.0126	0.0522
70	-200	225	-0.2550	-192	223	-0.2490	0.0060	0.0396
72	-450	472	-0.5532	-437	465	-0.5412	0.0120	0.0336
74	-597	612	-0.7254	-591	609	-0.7200	0.0054	0.0216
76	-716	739	-0.8730	-706	735	-0.8646	0.0084	0.0162
78	-717	737	-0.8724	-709	737	-0.8676	0.0048	0.0078
80	-741	763	-0.9024	-743	769	-0.9072	-0.0048	0.0030
82	-463	485	-0.5688	-475	502	-0.5862	-0.0174	0.0078
84	-104	127	-0.1386	-102	135	-0.1422	-0.0036	0.0252
86	22	-1	0.0138	37	-8	0.0270	0.0132	0.0288



**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 6/4/2009 3:09:28 PM  
**INITIAL SURVEY** 5/18/2009 5:05:57 PM  
**DATE PRINTED** 7/15/2009 10:19:18 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
88	25	-3	0.0168	39	-11	0.0300	0.0132	0.0156
90	33	-10	0.0258	39	-11	0.0300	0.0042	0.0024
92	78	-58	0.0816	79	-54	0.0798	-0.0018	-0.0018
94	132	-109	0.1446	134	-107	0.1446	0.0000	0.0000
96	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 6/16/2009 6:14:00 PM  
**INITIAL SURVEY** 5/18/2009 5:05:57 PM  
**DATE PRINTED** 7/15/2009 10:19:18 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
10	-506	526	-0.6192	-527	512	-0.6234	-0.0042	0.0288
12	-478	498	-0.5856	-519	501	-0.6120	-0.0264	0.0330
14	-390	411	-0.4806	-435	416	-0.5106	-0.0300	0.0594
16	-281	301	-0.3492	-318	300	-0.3708	-0.0216	0.0894
18	-142	163	-0.1830	-145	128	-0.1638	0.0192	0.1110
20	-1	22	-0.0138	6	-21	0.0162	0.0300	0.0918
22	137	-117	0.1524	120	-137	0.1542	0.0018	0.0618
24	302	-278	0.3480	275	-293	0.3408	-0.0072	0.0600
26	435	-410	0.5070	410	-427	0.5022	-0.0048	0.0672
28	465	-443	0.5448	441	-458	0.5394	-0.0054	0.0720
30	418	-396	0.4884	397	-412	0.4854	-0.0030	0.0774
32	314	-294	0.3648	291	-309	0.3600	-0.0048	0.0804
34	185	-165	0.2100	161	-178	0.2034	-0.0066	0.0852
36	-22	38	-0.0360	-35	21	-0.0336	0.0024	0.0918
38	-259	282	-0.3246	-276	262	-0.3228	0.0018	0.0894
40	-530	550	-0.6480	-545	530	-0.6450	0.0030	0.0876
42	-746	766	-0.9072	-767	747	-0.9084	-0.0012	0.0846
44	-781	803	-0.9504	-803	785	-0.9528	-0.0024	0.0858
46	-721	742	-0.8778	-742	725	-0.8802	-0.0024	0.0882
48	-534	558	-0.6552	-560	540	-0.6600	-0.0048	0.0906
50	-347	369	-0.4296	-370	354	-0.4344	-0.0048	0.0954
52	-134	156	-0.1740	-159	142	-0.1806	-0.0066	0.1002
54	150	-127	0.1662	121	-139	0.1560	-0.0102	0.1068
56	429	-404	0.4998	400	-418	0.4908	-0.0090	0.1170
58	823	-795	0.9708	795	-813	0.9648	-0.0060	0.1260
60	1057	-1033	1.2540	1033	-1058	1.2546	0.0006	0.1320
62	780	-761	0.9246	778	-796	0.9444	0.0198	0.1314
64	346	-326	0.4032	334	-351	0.4110	0.0078	0.1116
66	258	-238	0.2976	246	-261	0.3042	0.0066	0.1038
68	-93	115	-0.1248	-103	85	-0.1128	0.0120	0.0972
70	-200	225	-0.2550	-215	201	-0.2496	0.0054	0.0852
72	-450	472	-0.5532	-461	445	-0.5436	0.0096	0.0798
74	-597	612	-0.7254	-616	587	-0.7218	0.0036	0.0702
76	-716	739	-0.8730	-729	712	-0.8646	0.0084	0.0666
78	-717	737	-0.8724	-730	711	-0.8646	0.0078	0.0582
80	-741	763	-0.9024	-759	744	-0.9018	0.0006	0.0504
82	-463	485	-0.5688	-487	468	-0.5730	-0.0042	0.0498
84	-104	127	-0.1386	-121	103	-0.1344	0.0042	0.0540
86	22	-1	0.0138	20	-39	0.0354	0.0216	0.0498

**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 6/16/2009 6:14:00 PM  
**INITIAL SURVEY** 5/18/2009 5:05:57 PM  
**DATE PRINTED** 7/15/2009 10:19:18 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
88	25	-3	0.0168	22	-40	0.0372	0.0204	0.0282
90	33	-10	0.0258	21	-36	0.0342	0.0084	0.0078
92	78	-58	0.0816	60	-77	0.0822	0.0006	-0.0006
94	132	-109	0.1446	111	-128	0.1434	-0.0012	-0.0012
96	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 6/29/2009 2:58:29 PM

**INITIAL SURVEY** 5/18/2009 5:05:57 PM

**DATE PRINTED** 7/15/2009 10:19:18 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
10	-506	526	-0.6192	-511	517	-0.6168	0.0024	0.1596
12	-478	498	-0.5856	-515	519	-0.6204	-0.0348	0.1572
14	-390	411	-0.4806	-435	441	-0.5256	-0.0450	0.1920
16	-281	301	-0.3492	-313	317	-0.3780	-0.0288	0.2370
18	-142	163	-0.1830	-130	138	-0.1608	0.0222	0.2658
20	-1	22	-0.0138	20	-13	0.0198	0.0336	0.2436
22	137	-117	0.1524	130	-123	0.1518	-0.0006	0.2100
24	302	-278	0.3480	287	-277	0.3384	-0.0096	0.2106
26	435	-410	0.5070	422	-412	0.5004	-0.0066	0.2202
28	465	-443	0.5448	457	-449	0.5436	-0.0012	0.2268
30	418	-396	0.4884	413	-406	0.4914	0.0030	0.2280
32	314	-294	0.3648	307	-305	0.3672	0.0024	0.2250
34	185	-165	0.2100	176	-175	0.2106	0.0006	0.2226
36	-22	38	-0.0360	-15	19	-0.0204	0.0156	0.2220
38	-259	282	-0.3246	-259	263	-0.3132	0.0114	0.2064
40	-530	550	-0.6480	-526	530	-0.6336	0.0144	0.1950
42	-746	766	-0.9072	-750	754	-0.9024	0.0048	0.1806
44	-781	803	-0.9504	-789	793	-0.9492	0.0012	0.1758
46	-721	742	-0.8778	-731	737	-0.8808	-0.0030	0.1746
48	-534	558	-0.6552	-549	558	-0.6642	-0.0090	0.1776
50	-347	369	-0.4296	-363	369	-0.4392	-0.0096	0.1866
52	-134	156	-0.1740	-153	161	-0.1884	-0.0144	0.1962
54	150	-127	0.1662	127	-121	0.1488	-0.0174	0.2106
56	429	-404	0.4998	409	-400	0.4854	-0.0144	0.2280
58	823	-795	0.9708	801	-788	0.9534	-0.0174	0.2424
60	1057	-1033	1.2540	1055	-1048	1.2618	0.0078	0.2598
62	780	-761	0.9246	810	-805	0.9690	0.0444	0.2520
64	346	-326	0.4032	362	-356	0.4308	0.0276	0.2076
66	258	-238	0.2976	266	-262	0.3168	0.0192	0.1800
68	-93	115	-0.1248	-83	86	-0.1014	0.0234	0.1608
70	-200	225	-0.2550	-197	207	-0.2424	0.0126	0.1374
72	-450	472	-0.5532	-444	446	-0.5340	0.0192	0.1248
74	-597	612	-0.7254	-593	593	-0.7116	0.0138	0.1056
76	-716	739	-0.8730	-710	714	-0.8544	0.0186	0.0918
78	-717	737	-0.8724	-715	721	-0.8616	0.0108	0.0732
80	-741	763	-0.9024	-752	757	-0.9054	-0.0030	0.0624
82	-463	485	-0.5688	-484	491	-0.5850	-0.0162	0.0654
84	-104	127	-0.1386	-111	120	-0.1386	0.0000	0.0816
86	22	-1	0.0138	39	-31	0.0420	0.0282	0.0816

**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 6/29/2009 2:58:29 PM  
**INITIAL SURVEY** 5/18/2009 5:05:57 PM  
**DATE PRINTED** 7/15/2009 10:19:18 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
88	25	-3	0.0168	43	-35	0.0468	0.0300	0.0534
90	33	-10	0.0258	37	-31	0.0408	0.0150	0.0234
92	78	-58	0.0816	75	-69	0.0864	0.0048	0.0084
94	132	-109	0.1446	127	-120	0.1482	0.0036	0.0036
96	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 7/14/2009 7:52:44 AM

**INITIAL SURVEY** 5/18/2009 5:05:57 PM

**DATE PRINTED** 7/15/2009 10:19:18 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
10	-506	526	-0.6192	-509	515	-0.6144	0.0048	0.1824
12	-478	498	-0.5856	-518	525	-0.6258	-0.0402	0.1776
14	-390	411	-0.4806	-441	446	-0.5322	-0.0516	0.2178
16	-281	301	-0.3492	-313	329	-0.3852	-0.0360	0.2694
18	-142	163	-0.1830	-129	137	-0.1596	0.0234	0.3054
20	-1	22	-0.0138	23	-14	0.0222	0.0360	0.2820
22	137	-117	0.1524	129	-123	0.1512	-0.0012	0.2460
24	302	-278	0.3480	286	-275	0.3366	-0.0114	0.2472
26	435	-410	0.5070	423	-410	0.4998	-0.0072	0.2586
28	465	-443	0.5448	459	-447	0.5436	-0.0012	0.2658
30	418	-396	0.4884	415	-407	0.4932	0.0048	0.2670
32	314	-294	0.3648	312	-303	0.3690	0.0042	0.2622
34	185	-165	0.2100	181	-174	0.2130	0.0030	0.2580
36	-22	38	-0.0360	-11	19	-0.0180	0.0180	0.2550
38	-259	282	-0.3246	-256	264	-0.3120	0.0126	0.2370
40	-530	550	-0.6480	-522	527	-0.6294	0.0186	0.2244
42	-746	766	-0.9072	-746	755	-0.9006	0.0066	0.2058
44	-781	803	-0.9504	-788	795	-0.9498	0.0006	0.1992
46	-721	742	-0.8778	-731	738	-0.8814	-0.0036	0.1986
48	-534	558	-0.6552	-552	561	-0.6678	-0.0126	0.2022
50	-347	369	-0.4296	-363	373	-0.4416	-0.0120	0.2148
52	-134	156	-0.1740	-156	163	-0.1914	-0.0174	0.2268
54	150	-127	0.1662	125	-117	0.1452	-0.0210	0.2442
56	429	-404	0.4998	407	-394	0.4806	-0.0192	0.2652
58	823	-795	0.9708	798	-786	0.9504	-0.0204	0.2844
60	1057	-1033	1.2540	1057	-1048	1.2630	0.0090	0.3048
62	780	-761	0.9246	818	-809	0.9762	0.0516	0.2958
64	346	-326	0.4032	367	-360	0.4362	0.0330	0.2442
66	258	-238	0.2976	272	-263	0.3210	0.0234	0.2112
68	-93	115	-0.1248	-74	85	-0.0954	0.0294	0.1878
70	-200	225	-0.2550	-194	206	-0.2400	0.0150	0.1584
72	-450	472	-0.5532	-435	449	-0.5304	0.0228	0.1434
74	-597	612	-0.7254	-590	592	-0.7092	0.0162	0.1206
76	-716	739	-0.8730	-705	714	-0.8514	0.0216	0.1044
78	-717	737	-0.8724	-713	722	-0.8610	0.0114	0.0828
80	-741	763	-0.9024	-751	759	-0.9060	-0.0036	0.0714
82	-463	485	-0.5688	-487	494	-0.5886	-0.0198	0.0750
84	-104	127	-0.1386	-112	121	-0.1398	-0.0012	0.0948
86	22	-1	0.0138	44	-32	0.0456	0.0318	0.0960

**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 7/14/2009 7:52:44 AM  
**INITIAL SURVEY** 5/18/2009 5:05:57 PM  
**DATE PRINTED** 7/15/2009 10:19:18 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
88	25	-3	0.0168	50	-38	0.0528	0.0360	0.0642
90	33	-10	0.0258	42	-33	0.0450	0.0192	0.0282
92	78	-58	0.0816	76	-68	0.0864	0.0048	0.0090
94	132	-109	0.1446	129	-119	0.1488	0.0042	0.0042
96	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 5/21/2009 3:54:44 PM

**INITIAL SURVEY** 5/18/2009 5:05:57 PM

**DATE PRINTED** 7/15/2009 10:19:27 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
10	343	-305	0.3888	341	-303	0.3864	-0.0024	0.0738
12	367	-328	0.4170	374	-335	0.4254	0.0084	0.0762
14	385	-347	0.4392	393	-354	0.4482	0.0090	0.0678
16	367	-341	0.4248	375	-349	0.4344	0.0096	0.0588
18	332	-294	0.3756	337	-300	0.3822	0.0066	0.0492
20	351	-315	0.3996	351	-318	0.4014	0.0018	0.0426
22	366	-329	0.4170	363	-328	0.4146	-0.0024	0.0408
24	399	-365	0.4584	401	-366	0.4602	0.0018	0.0432
26	487	-462	0.5694	482	-462	0.5664	-0.0030	0.0414
28	548	-515	0.6378	547	-515	0.6372	-0.0006	0.0444
30	607	-584	0.7146	616	-583	0.7194	0.0048	0.0450
32	647	-613	0.7560	646	-611	0.7542	-0.0018	0.0402
34	618	-580	0.7188	618	-581	0.7194	0.0006	0.0420
36	525	-504	0.6174	528	-509	0.6222	0.0048	0.0414
38	388	-355	0.4458	387	-355	0.4452	-0.0006	0.0366
40	461	-435	0.5376	458	-431	0.5334	-0.0042	0.0372
42	622	-586	0.7248	617	-582	0.7194	-0.0054	0.0414
44	710	-675	0.8310	710	-670	0.8280	-0.0030	0.0468
46	741	-703	0.8664	738	-704	0.8652	-0.0012	0.0498
48	761	-725	0.8916	761	-726	0.8922	0.0006	0.0510
50	728	-696	0.8544	733	-698	0.8586	0.0042	0.0504
52	660	-625	0.7710	664	-627	0.7746	0.0036	0.0462
54	569	-538	0.6642	575	-543	0.6708	0.0066	0.0426
56	370	-364	0.4404	380	-369	0.4494	0.0090	0.0360
58	277	-277	0.3324	271	-275	0.3276	-0.0048	0.0270
60	622	-616	0.7428	607	-603	0.7260	-0.0168	0.0318
62	921	-892	1.0878	913	-886	1.0794	-0.0084	0.0486
64	854	-857	1.0266	866	-862	1.0368	0.0102	0.0570
66	630	-609	0.7434	642	-618	0.7560	0.0126	0.0468
68	569	-533	0.6612	569	-534	0.6618	0.0006	0.0342
70	595	-557	0.6912	595	-559	0.6924	0.0012	0.0336
72	627	-596	0.7338	627	-594	0.7326	-0.0012	0.0324
74	837	-852	1.0134	839	-841	1.0080	-0.0054	0.0336
76	708	-698	0.8436	735	-730	0.8790	0.0354	0.0390
78	518	-484	0.6012	513	-485	0.5988	-0.0024	0.0036
80	452	-427	0.5274	461	-433	0.5364	0.0090	0.0060
82	382	-343	0.4350	385	-347	0.4392	0.0042	-0.0030
84	403	-369	0.4632	402	-366	0.4608	-0.0024	-0.0072
86	501	-481	0.5892	498	-477	0.5850	-0.0042	-0.0048



**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 5/21/2009 3:54:44 PM  
**INITIAL SURVEY** 5/18/2009 5:05:57 PM  
**DATE PRINTED** 7/15/2009 10:19:28 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
88	587	-553	0.6840	578	-550	0.6768	-0.0072	-0.0006
90	656	-621	0.7662	658	-621	0.7674	0.0012	0.0066
92	661	-623	0.7704	663	-625	0.7728	0.0024	0.0054
94	629	-594	0.7338	633	-595	0.7368	0.0030	0.0030
96	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 6/4/2009 3:09:28 PM

**INITIAL SURVEY** 5/18/2009 5:05:57 PM

**DATE PRINTED** 7/15/2009 10:19:28 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
10	343	-305	0.3888	316	-282	0.3588	-0.0300	0.1404
12	367	-328	0.4170	389	-355	0.4464	0.0294	0.1704
14	385	-347	0.4392	406	-365	0.4626	0.0234	0.1410
16	367	-341	0.4248	370	-347	0.4302	0.0054	0.1176
18	332	-294	0.3756	351	-317	0.4008	0.0252	0.1122
20	351	-315	0.3996	377	-334	0.4266	0.0270	0.0870
22	366	-329	0.4170	370	-333	0.4218	0.0048	0.0600
24	399	-365	0.4584	403	-366	0.4614	0.0030	0.0552
26	487	-462	0.5694	486	-462	0.5688	-0.0006	0.0522
28	548	-515	0.6378	550	-516	0.6396	0.0018	0.0528
30	607	-584	0.7146	619	-585	0.7224	0.0078	0.0510
32	647	-613	0.7560	651	-613	0.7584	0.0024	0.0432
34	618	-580	0.7188	621	-581	0.7212	0.0024	0.0408
36	525	-504	0.6174	528	-508	0.6216	0.0042	0.0384
38	388	-355	0.4458	390	-359	0.4494	0.0036	0.0342
40	461	-435	0.5376	459	-433	0.5352	-0.0024	0.0306
42	622	-586	0.7248	619	-584	0.7218	-0.0030	0.0330
44	710	-675	0.8310	710	-671	0.8286	-0.0024	0.0360
46	741	-703	0.8664	738	-706	0.8664	0.0000	0.0384
48	761	-725	0.8916	762	-725	0.8922	0.0006	0.0384
50	728	-696	0.8544	736	-698	0.8604	0.0060	0.0378
52	660	-625	0.7710	665	-627	0.7752	0.0042	0.0318
54	569	-538	0.6642	574	-542	0.6696	0.0054	0.0276
56	370	-364	0.4404	377	-369	0.4476	0.0072	0.0222
58	277	-277	0.3324	276	-274	0.3300	-0.0024	0.0150
60	622	-616	0.7428	615	-602	0.7302	-0.0126	0.0174
62	921	-892	1.0878	916	-886	1.0812	-0.0066	0.0300
64	854	-857	1.0266	867	-859	1.0356	0.0090	0.0366
66	630	-609	0.7434	640	-618	0.7548	0.0114	0.0276
68	569	-533	0.6612	561	-534	0.6570	-0.0042	0.0162
70	595	-557	0.6912	596	-558	0.6924	0.0012	0.0204
72	627	-596	0.7338	626	-595	0.7326	-0.0012	0.0192
74	837	-852	1.0134	842	-842	1.0104	-0.0030	0.0204
76	708	-698	0.8436	730	-719	0.8694	0.0258	0.0234
78	518	-484	0.6012	515	-484	0.5994	-0.0018	-0.0024
80	452	-427	0.5274	458	-433	0.5346	0.0072	-0.0006
82	382	-343	0.4350	383	-346	0.4374	0.0024	-0.0078
84	403	-369	0.4632	401	-363	0.4584	-0.0048	-0.0102
86	501	-481	0.5892	500	-475	0.5850	-0.0042	-0.0054

**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 6/4/2009 3:09:28 PM  
**INITIAL SURVEY** 5/18/2009 5:05:57 PM  
**DATE PRINTED** 7/15/2009 10:19:28 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
88	587	-553	0.6840	581	-546	0.6762	-0.0078	-0.0012
90	656	-621	0.7662	657	-622	0.7674	0.0012	0.0066
92	661	-623	0.7704	663	-627	0.7740	0.0036	0.0054
94	629	-594	0.7338	629	-597	0.7356	0.0018	0.0018
96	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 6/16/2009 6:14:00 PM

**INITIAL SURVEY** 5/18/2009 5:05:57 PM

**DATE PRINTED** 7/15/2009 10:19:28 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
10	343	-305	0.3888	267	-270	0.3222	-0.0666	0.0462
12	367	-328	0.4170	360	-360	0.4320	0.0150	0.1128
14	385	-347	0.4392	380	-380	0.4560	0.0168	0.0978
16	367	-341	0.4248	372	-374	0.4476	0.0228	0.0810
18	332	-294	0.3756	343	-340	0.4098	0.0342	0.0582
20	351	-315	0.3996	355	-353	0.4248	0.0252	0.0240
22	366	-329	0.4170	352	-350	0.4212	0.0042	-0.0012
24	399	-365	0.4584	385	-384	0.4614	0.0030	-0.0054
26	487	-462	0.5694	473	-471	0.5664	-0.0030	-0.0084
28	548	-515	0.6378	533	-531	0.6384	0.0006	-0.0054
30	607	-584	0.7146	600	-600	0.7200	0.0054	-0.0060
32	647	-613	0.7560	631	-630	0.7566	0.0006	-0.0114
34	618	-580	0.7188	601	-599	0.7200	0.0012	-0.0120
36	525	-504	0.6174	525	-522	0.6282	0.0108	-0.0132
38	388	-355	0.4458	373	-371	0.4464	0.0006	-0.0240
40	461	-435	0.5376	441	-440	0.5286	-0.0090	-0.0246
42	622	-586	0.7248	597	-596	0.7158	-0.0090	-0.0156
44	710	-675	0.8310	687	-688	0.8250	-0.0060	-0.0066
46	741	-703	0.8664	721	-722	0.8658	-0.0006	-0.0006
48	761	-725	0.8916	742	-741	0.8898	-0.0018	0.0000
50	728	-696	0.8544	717	-715	0.8592	0.0048	0.0018
52	660	-625	0.7710	646	-644	0.7740	0.0030	-0.0030
54	569	-538	0.6642	560	-560	0.6720	0.0078	-0.0060
56	370	-364	0.4404	388	-383	0.4626	0.0222	-0.0138
58	277	-277	0.3324	259	-262	0.3126	-0.0198	-0.0360
60	622	-616	0.7428	604	-605	0.7254	-0.0174	-0.0162
62	921	-892	1.0878	898	-892	1.0740	-0.0138	0.0012
64	854	-857	1.0266	878	-878	1.0536	0.0270	0.0150
66	630	-609	0.7434	634	-632	0.7596	0.0162	-0.0120
68	569	-533	0.6612	551	-549	0.6600	-0.0012	-0.0282
70	595	-557	0.6912	575	-573	0.6888	-0.0024	-0.0270
72	627	-596	0.7338	604	-604	0.7248	-0.0090	-0.0246
74	837	-852	1.0134	829	-834	0.9978	-0.0156	-0.0156
76	708	-698	0.8436	728	-720	0.8688	0.0252	0.0000
78	518	-484	0.6012	497	-500	0.5982	-0.0030	-0.0252
80	452	-427	0.5274	448	-445	0.5358	0.0084	-0.0222
82	382	-343	0.4350	363	-362	0.4350	0.0000	-0.0306
84	403	-369	0.4632	380	-380	0.4560	-0.0072	-0.0306
86	501	-481	0.5892	483	-481	0.5784	-0.0108	-0.0234

**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 6/16/2009 6:14:00 PM  
**INITIAL SURVEY** 5/18/2009 5:05:57 PM  
**DATE PRINTED** 7/15/2009 10:19:28 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
88	587	-553	0.6840	560	-559	0.6714	-0.0126	-0.0126
90	656	-621	0.7662	638	-637	0.7650	-0.0012	0.0000
92	661	-623	0.7704	642	-641	0.7698	-0.0006	0.0012
94	629	-594	0.7338	613	-613	0.7356	0.0018	0.0018
96	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 6/29/2009 2:58:29 PM

**INITIAL SURVEY** 5/18/2009 5:05:57 PM

**DATE PRINTED** 7/15/2009 10:19:28 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
10	343	-305	0.3888	310	-253	0.3378	-0.0510	0.1074
12	367	-328	0.4170	389	-329	0.4308	0.0138	0.1584
14	385	-347	0.4392	407	-342	0.4494	0.0102	0.1446
16	367	-341	0.4248	403	-358	0.4566	0.0318	0.1344
18	332	-294	0.3756	381	-323	0.4224	0.0468	0.1026
20	351	-315	0.3996	384	-330	0.4284	0.0288	0.0558
22	366	-329	0.4170	374	-323	0.4182	0.0012	0.0270
24	399	-365	0.4584	406	-357	0.4578	-0.0006	0.0258
26	487	-462	0.5694	495	-451	0.5676	-0.0018	0.0264
28	548	-515	0.6378	540	-506	0.6276	-0.0102	0.0282
30	607	-584	0.7146	625	-573	0.7188	0.0042	0.0384
32	647	-613	0.7560	657	-603	0.7560	0.0000	0.0342
34	618	-580	0.7188	627	-568	0.7170	-0.0018	0.0342
36	525	-504	0.6174	529	-495	0.6144	-0.0030	0.0360
38	388	-355	0.4458	403	-358	0.4566	0.0108	0.0390
40	461	-435	0.5376	474	-437	0.5466	0.0090	0.0282
42	622	-586	0.7248	633	-575	0.7248	0.0000	0.0192
44	710	-675	0.8310	725	-663	0.8328	0.0018	0.0192
46	741	-703	0.8664	758	-698	0.8736	0.0072	0.0174
48	761	-725	0.8916	777	-717	0.8964	0.0048	0.0102
50	728	-696	0.8544	746	-689	0.8610	0.0066	0.0054
52	660	-625	0.7710	675	-626	0.7806	0.0096	-0.0012
54	569	-538	0.6642	575	-531	0.6636	-0.0006	-0.0108
56	370	-364	0.4404	398	-362	0.4560	0.0156	-0.0102
58	277	-277	0.3324	275	-255	0.3180	-0.0144	-0.0258
60	622	-616	0.7428	603	-572	0.7050	-0.0378	-0.0114
62	921	-892	1.0878	907	-868	1.0650	-0.0228	0.0264
64	854	-857	1.0266	878	-849	1.0362	0.0096	0.0492
66	630	-609	0.7434	650	-607	0.7542	0.0108	0.0396
68	569	-533	0.6612	578	-522	0.6600	-0.0012	0.0288
70	595	-557	0.6912	607	-549	0.6936	0.0024	0.0300
72	627	-596	0.7338	636	-590	0.7356	0.0018	0.0276
74	837	-852	1.0134	833	-821	0.9924	-0.0210	0.0258
76	708	-698	0.8436	749	-727	0.8856	0.0420	0.0468
78	518	-484	0.6012	534	-478	0.6072	0.0060	0.0048
80	452	-427	0.5274	471	-426	0.5382	0.0108	-0.0012
82	382	-343	0.4350	395	-346	0.4446	0.0096	-0.0120
84	403	-369	0.4632	401	-357	0.4548	-0.0084	-0.0216
86	501	-481	0.5892	506	-462	0.5808	-0.0084	-0.0132

**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 6/29/2009 2:58:29 PM  
**INITIAL SURVEY** 5/18/2009 5:05:57 PM  
**DATE PRINTED** 7/15/2009 10:19:28 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
88	587	-553	0.6840	586	-535	0.6726	-0.0114	-0.0048
90	656	-621	0.7662	668	-610	0.7668	0.0006	0.0066
92	661	-623	0.7704	670	-619	0.7734	0.0030	0.0060
94	629	-594	0.7338	641	-587	0.7368	0.0030	0.0030
96	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 7/14/2009 7:52:44 AM

**INITIAL SURVEY** 5/18/2009 5:05:57 PM

**DATE PRINTED** 7/15/2009 10:19:28 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
10	343	-305	0.3888	298	-246	0.3264	-0.0624	0.1818
12	367	-328	0.4170	381	-318	0.4194	0.0024	0.2442
14	385	-347	0.4392	422	-355	0.4662	0.0270	0.2418
16	367	-341	0.4248	418	-369	0.4722	0.0474	0.2148
18	332	-294	0.3756	390	-326	0.4296	0.0540	0.1674
20	351	-315	0.3996	390	-331	0.4326	0.0330	0.1134
22	366	-329	0.4170	383	-330	0.4278	0.0108	0.0804
24	399	-365	0.4584	415	-353	0.4608	0.0024	0.0696
26	487	-462	0.5694	494	-451	0.5670	-0.0024	0.0672
28	548	-515	0.6378	550	-503	0.6318	-0.0060	0.0696
30	607	-584	0.7146	629	-571	0.7200	0.0054	0.0756
32	647	-613	0.7560	657	-605	0.7572	0.0012	0.0702
34	618	-580	0.7188	633	-567	0.7200	0.0012	0.0690
36	525	-504	0.6174	531	-495	0.6156	-0.0018	0.0678
38	388	-355	0.4458	406	-345	0.4506	0.0048	0.0696
40	461	-435	0.5376	477	-437	0.5484	0.0108	0.0648
42	622	-586	0.7248	615	-574	0.7134	-0.0114	0.0540
44	710	-675	0.8310	728	-662	0.8340	0.0030	0.0654
46	741	-703	0.8664	758	-698	0.8736	0.0072	0.0624
48	761	-725	0.8916	775	-714	0.8934	0.0018	0.0552
50	728	-696	0.8544	747	-688	0.8610	0.0066	0.0534
52	660	-625	0.7710	678	-619	0.7782	0.0072	0.0468
54	569	-538	0.6642	578	-537	0.6690	0.0048	0.0396
56	370	-364	0.4404	403	-385	0.4728	0.0324	0.0348
58	277	-277	0.3324	281	-253	0.3204	-0.0120	0.0024
60	622	-616	0.7428	609	-566	0.7050	-0.0378	0.0144
62	921	-892	1.0878	921	-866	1.0722	-0.0156	0.0522
64	854	-857	1.0266	880	-856	1.0416	0.0150	0.0678
66	630	-609	0.7434	653	-608	0.7566	0.0132	0.0528
68	569	-533	0.6612	578	-521	0.6594	-0.0018	0.0396
70	595	-557	0.6912	599	-546	0.6870	-0.0042	0.0414
72	627	-596	0.7338	634	-587	0.7326	-0.0012	0.0456
74	837	-852	1.0134	848	-821	1.0014	-0.0120	0.0468
76	708	-698	0.8436	763	-738	0.9006	0.0570	0.0588
78	518	-484	0.6012	535	-475	0.6060	0.0048	0.0018
80	452	-427	0.5274	475	-423	0.5388	0.0114	-0.0030
82	382	-343	0.4350	397	-336	0.4398	0.0048	-0.0144
84	403	-369	0.4632	410	-355	0.4590	-0.0042	-0.0192
86	501	-481	0.5892	505	-459	0.5784	-0.0108	-0.0150



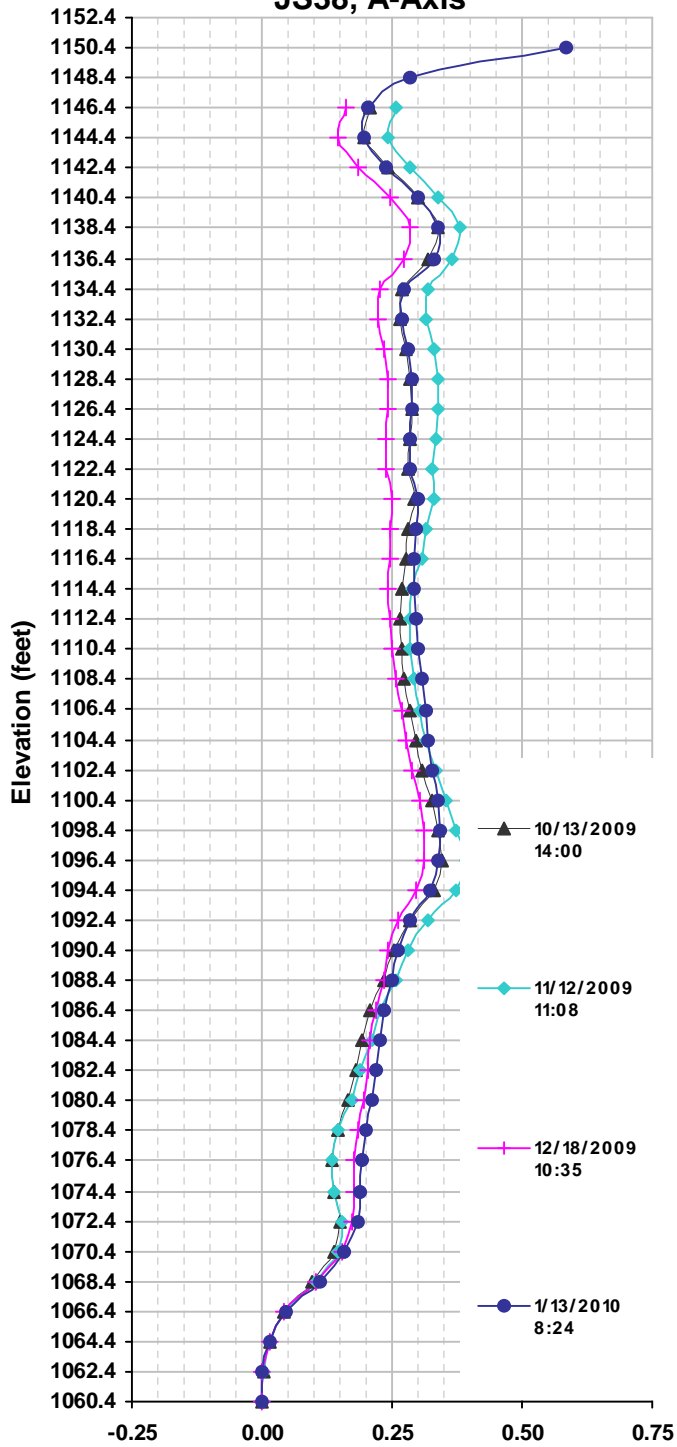
**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 7/14/2009 7:52:44 AM  
**INITIAL SURVEY** 5/18/2009 5:05:57 PM  
**DATE PRINTED** 7/15/2009 10:19:28 AM

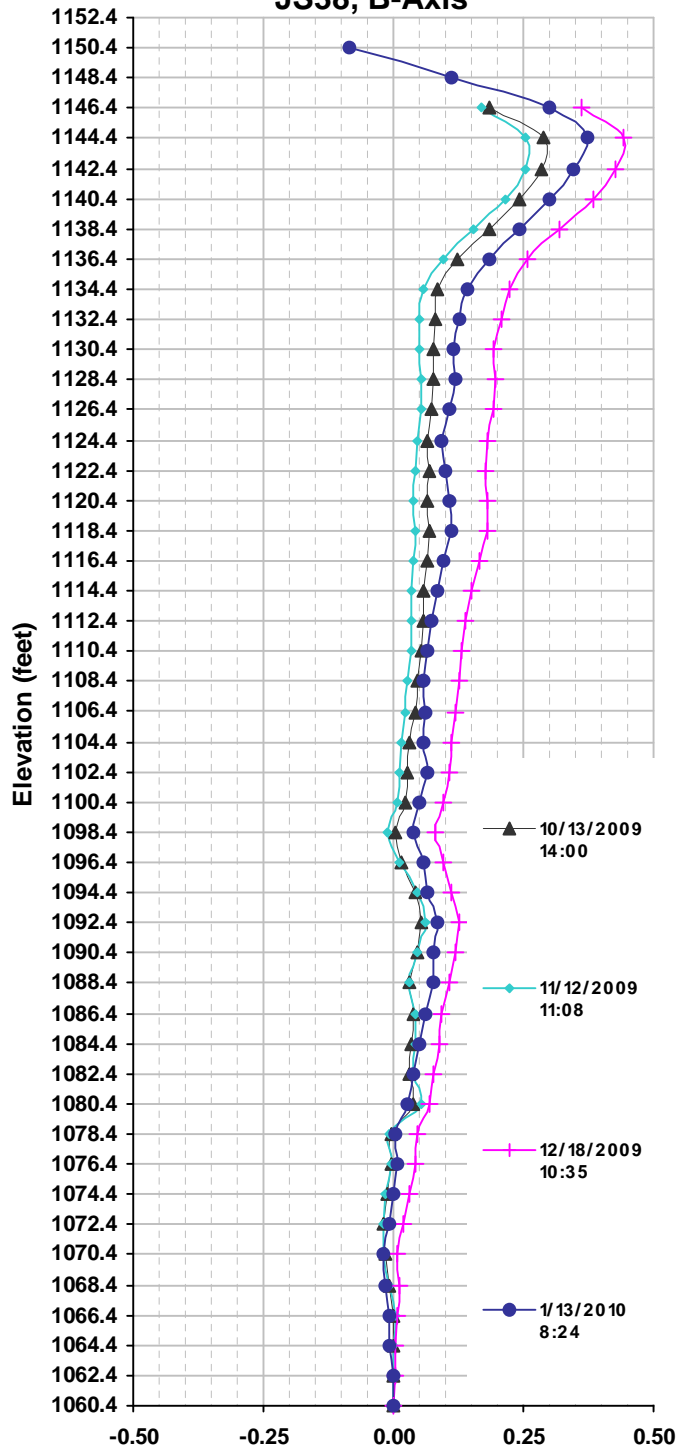
Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
88	587	-553	0.6840	589	-533	0.6732	-0.0108	-0.0042
90	656	-621	0.7662	667	-615	0.7692	0.0030	0.0066
92	661	-623	0.7704	673	-611	0.7704	0.0000	0.0036
94	629	-594	0.7338	643	-586	0.7374	0.0036	0.0036
96	0	0	0.0000	0	0	0.0000	0.0000	0.0000

### JS38, A-Axis

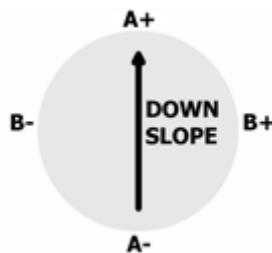


### JS38, B-Axis



Cumulative Displacement (in) from 5/18/2009

Cumulative Displacement (in) from 5/18/2009



John Sevier Fossil Plant

Rogersville, TN

175569038

1/13/2010

**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 2:00:06 PM

**INITIAL SURVEY** 5/18/2009 5:05:57 PM

**DATE PRINTED** 1/13/2010 11:41:14 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
10	-506	526	-0.6192	-503	513	-0.6096	0.0096	0.2064
12	-478	498	-0.5856	-522	529	-0.6306	-0.0450	0.1968
14	-390	411	-0.4806	-444	452	-0.5376	-0.0570	0.2418
16	-281	301	-0.3492	-320	326	-0.3876	-0.0384	0.2988
18	-142	163	-0.1830	-132	143	-0.1650	0.0180	0.3372
20	-1	22	-0.0138	33	-25	0.0348	0.0486	0.3192
22	137	-117	0.1524	133	-127	0.1560	0.0036	0.2706
24	302	-278	0.3480	286	-275	0.3366	-0.0114	0.2670
26	435	-410	0.5070	422	-410	0.4992	-0.0078	0.2784
28	465	-443	0.5448	457	-447	0.5424	-0.0024	0.2862
30	418	-396	0.4884	413	-406	0.4914	0.0030	0.2886
32	314	-294	0.3648	309	-304	0.3678	0.0030	0.2856
34	185	-165	0.2100	171	-166	0.2022	-0.0078	0.2826
36	-22	38	-0.0360	-19	27	-0.0276	0.0084	0.2904
38	-259	282	-0.3246	-264	270	-0.3204	0.0042	0.2820
40	-530	550	-0.6480	-527	537	-0.6384	0.0096	0.2778
42	-746	766	-0.9072	-751	759	-0.9060	0.0012	0.2682
44	-781	803	-0.9504	-789	796	-0.9510	-0.0006	0.2670
46	-721	742	-0.8778	-733	739	-0.8832	-0.0054	0.2676
48	-534	558	-0.6552	-553	560	-0.6678	-0.0126	0.2730
50	-347	369	-0.4296	-363	369	-0.4392	-0.0096	0.2856
52	-134	156	-0.1740	-153	156	-0.1854	-0.0114	0.2952
54	150	-127	0.1662	126	-120	0.1476	-0.0186	0.3066
56	429	-404	0.4998	410	-401	0.4866	-0.0132	0.3252
58	823	-795	0.9708	810	-793	0.9618	-0.0090	0.3384
60	1057	-1033	1.2540	1063	-1054	1.2702	0.0162	0.3474
62	780	-761	0.9246	814	-805	0.9714	0.0468	0.3312
64	346	-326	0.4032	364	-357	0.4326	0.0294	0.2844
66	258	-238	0.2976	267	-261	0.3168	0.0192	0.2550
68	-93	115	-0.1248	-78	85	-0.0978	0.0270	0.2358
70	-200	225	-0.2550	-194	206	-0.2400	0.0150	0.2088
72	-450	472	-0.5532	-442	458	-0.5400	0.0132	0.1938
74	-597	612	-0.7254	-593	593	-0.7116	0.0138	0.1806
76	-716	739	-0.8730	-705	715	-0.8520	0.0210	0.1668
78	-717	737	-0.8724	-713	722	-0.8610	0.0114	0.1458
80	-741	763	-0.9024	-751	757	-0.9048	-0.0024	0.1344
82	-463	485	-0.5688	-481	486	-0.5802	-0.0114	0.1368
84	-104	127	-0.1386	-102	113	-0.1290	0.0096	0.1482
86	22	-1	0.0138	51	-41	0.0552	0.0414	0.1386

**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 2:00:06 PM  
**INITIAL SURVEY** 5/18/2009 5:05:57 PM  
**DATE PRINTED** 1/13/2010 11:41:14 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
88	25	-3	0.0168	64	-56	0.0720	0.0552	0.0972
90	33	-10	0.0258	49	-38	0.0522	0.0264	0.0420
92	78	-58	0.0816	81	-73	0.0924	0.0108	0.0156
94	132	-109	0.1446	130	-119	0.1494	0.0048	0.0048
96	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 11/12/2009 11:08:07 AM

**INITIAL SURVEY** 5/18/2009 5:05:57 PM

**DATE PRINTED** 1/13/2010 11:41:14 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
10	-506	526	-0.6192	-499	506	-0.6030	0.0162	0.2592
12	-478	498	-0.5856	-518	526	-0.6264	-0.0408	0.2430
14	-390	411	-0.4806	-443	451	-0.5364	-0.0558	0.2838
16	-281	301	-0.3492	-321	328	-0.3894	-0.0402	0.3396
18	-142	163	-0.1830	-137	145	-0.1692	0.0138	0.3798
20	-1	22	-0.0138	33	-23	0.0336	0.0474	0.3660
22	137	-117	0.1524	133	-125	0.1548	0.0024	0.3186
24	302	-278	0.3480	285	-272	0.3342	-0.0138	0.3162
26	435	-410	0.5070	423	-410	0.4998	-0.0072	0.3300
28	465	-443	0.5448	459	-447	0.5436	-0.0012	0.3372
30	418	-396	0.4884	416	-406	0.4932	0.0048	0.3384
32	314	-294	0.3648	313	-306	0.3714	0.0066	0.3336
34	185	-165	0.2100	176	-166	0.2052	-0.0048	0.3270
36	-22	38	-0.0360	-12	22	-0.0204	0.0156	0.3318
38	-259	282	-0.3246	-258	267	-0.3150	0.0096	0.3162
40	-530	550	-0.6480	-521	531	-0.6312	0.0168	0.3066
42	-746	766	-0.9072	-747	757	-0.9024	0.0048	0.2898
44	-781	803	-0.9504	-788	797	-0.9510	-0.0006	0.2850
46	-721	742	-0.8778	-732	739	-0.8826	-0.0048	0.2856
48	-534	558	-0.6552	-554	562	-0.6696	-0.0144	0.2904
50	-347	369	-0.4296	-363	372	-0.4410	-0.0114	0.3048
52	-134	156	-0.1740	-157	162	-0.1914	-0.0174	0.3162
54	150	-127	0.1662	124	-119	0.1458	-0.0204	0.3336
56	429	-404	0.4998	407	-397	0.4824	-0.0174	0.3540
58	823	-795	0.9708	799	-787	0.9516	-0.0192	0.3714
60	1057	-1033	1.2540	1065	-1053	1.2708	0.0168	0.3906
62	780	-761	0.9246	823	-811	0.9804	0.0558	0.3738
64	346	-326	0.4032	373	-363	0.4416	0.0384	0.3180
66	258	-238	0.2976	272	-263	0.3210	0.0234	0.2796
68	-93	115	-0.1248	-77	82	-0.0954	0.0294	0.2562
70	-200	225	-0.2550	-192	205	-0.2382	0.0168	0.2268
72	-450	472	-0.5532	-437	450	-0.5322	0.0210	0.2100
74	-597	612	-0.7254	-590	591	-0.7086	0.0168	0.1890
76	-716	739	-0.8730	-702	712	-0.8484	0.0246	0.1722
78	-717	737	-0.8724	-711	721	-0.8592	0.0132	0.1476
80	-741	763	-0.9024	-749	759	-0.9048	-0.0024	0.1344
82	-463	485	-0.5688	-486	491	-0.5862	-0.0174	0.1368
84	-104	127	-0.1386	-106	111	-0.1302	0.0084	0.1542
86	22	-1	0.0138	54	-41	0.0570	0.0432	0.1458

**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 11/12/2009 11:08:07 AM  
**INITIAL SURVEY** 5/18/2009 5:05:57 PM  
**DATE PRINTED** 1/13/2010 11:41:14 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
88	25	-3	0.0168	68	-56	0.0744	0.0576	0.1026
90	33	-10	0.0258	51	-41	0.0552	0.0294	0.0450
92	78	-58	0.0816	81	-73	0.0924	0.0108	0.0156
94	132	-109	0.1446	130	-119	0.1494	0.0048	0.0048
96	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 12/18/2009 10:35:46 AM

**INITIAL SURVEY** 5/18/2009 5:05:57 PM

**DATE PRINTED** 1/13/2010 11:41:14 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
10	-506	526	-0.6192	-502	503	-0.6030	0.0162	0.1620
12	-478	498	-0.5856	-520	522	-0.6252	-0.0396	0.1458
14	-390	411	-0.4806	-450	450	-0.5400	-0.0594	0.1854
16	-281	301	-0.3492	-326	325	-0.3906	-0.0414	0.2448
18	-142	163	-0.1830	-142	141	-0.1698	0.0132	0.2862
20	-1	22	-0.0138	29	-28	0.0342	0.0480	0.2730
22	137	-117	0.1524	130	-128	0.1548	0.0024	0.2250
24	302	-278	0.3480	279	-278	0.3342	-0.0138	0.2226
26	435	-410	0.5070	418	-419	0.5022	-0.0048	0.2364
28	465	-443	0.5448	455	-453	0.5448	0.0000	0.2412
30	418	-396	0.4884	409	-409	0.4908	0.0024	0.2412
32	314	-294	0.3648	305	-306	0.3666	0.0018	0.2388
34	185	-165	0.2100	165	-164	0.1974	-0.0126	0.2370
36	-22	38	-0.0360	-24	30	-0.0324	0.0036	0.2496
38	-259	282	-0.3246	-269	271	-0.3240	0.0006	0.2460
40	-530	550	-0.6480	-538	539	-0.6462	0.0018	0.2454
42	-746	766	-0.9072	-757	758	-0.9090	-0.0018	0.2436
44	-781	803	-0.9504	-798	796	-0.9564	-0.0060	0.2454
46	-721	742	-0.8778	-738	735	-0.8838	-0.0060	0.2514
48	-534	558	-0.6552	-558	553	-0.6666	-0.0114	0.2574
50	-347	369	-0.4296	-363	366	-0.4374	-0.0078	0.2688
52	-134	156	-0.1740	-153	155	-0.1848	-0.0108	0.2766
54	150	-127	0.1662	124	-126	0.1500	-0.0162	0.2874
56	429	-404	0.4998	411	-408	0.4914	-0.0084	0.3036
58	823	-795	0.9708	808	-809	0.9702	-0.0006	0.3120
60	1057	-1033	1.2540	1056	-1061	1.2702	0.0162	0.3126
62	780	-761	0.9246	802	-799	0.9606	0.0360	0.2964
64	346	-326	0.4032	353	-349	0.4212	0.0180	0.2604
66	258	-238	0.2976	257	-255	0.3072	0.0096	0.2424
68	-93	115	-0.1248	-93	92	-0.1110	0.0138	0.2328
70	-200	225	-0.2550	-203	206	-0.2454	0.0096	0.2190
72	-450	472	-0.5532	-453	457	-0.5460	0.0072	0.2094
74	-597	612	-0.7254	-606	592	-0.7188	0.0066	0.2022
76	-716	739	-0.8730	-716	719	-0.8610	0.0120	0.1956
78	-717	737	-0.8724	-723	719	-0.8652	0.0072	0.1836
80	-741	763	-0.9024	-750	753	-0.9018	0.0006	0.1764
82	-463	485	-0.5688	-472	473	-0.5670	0.0018	0.1758
84	-104	127	-0.1386	-98	98	-0.1176	0.0210	0.1740
86	22	-1	0.0138	51	-52	0.0618	0.0480	0.1530

**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 12/18/2009 10:35:46 AM  
**INITIAL SURVEY** 5/18/2009 5:05:57 PM  
**DATE PRINTED** 1/13/2010 11:41:14 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
88	25	-3	0.0168	66	-67	0.0798	0.0630	0.1050
90	33	-10	0.0258	45	-45	0.0540	0.0282	0.0420
92	78	-58	0.0816	78	-79	0.0942	0.0126	0.0138
94	132	-109	0.1446	122	-121	0.1458	0.0012	0.0012
96	0	0	0.0000	0	0	0.0000	0.0000	0.0000



**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 1/13/2010 8:24:47 AM

**INITIAL SURVEY** 5/18/2009 5:05:57 PM

**DATE PRINTED** 1/13/2010 11:41:14 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
6	-451	477	-0.5568	-214	215	-0.2574	0.2994	0.5850
8	-471	493	-0.5784	-415	414	-0.4974	0.0810	0.2856
10	-506	526	-0.6192	-508	509	-0.6102	0.0090	0.2046
12	-478	498	-0.5856	-524	525	-0.6294	-0.0438	0.1956
14	-390	411	-0.4806	-450	450	-0.5400	-0.0594	0.2394
16	-281	301	-0.3492	-325	325	-0.3900	-0.0408	0.2988
18	-142	163	-0.1830	-144	144	-0.1728	0.0102	0.3396
20	-1	22	-0.0138	35	-33	0.0408	0.0546	0.3294
22	137	-117	0.1524	131	-131	0.1572	0.0048	0.2748
24	302	-278	0.3480	280	-279	0.3354	-0.0126	0.2700
26	435	-410	0.5070	419	-419	0.5028	-0.0042	0.2826
28	465	-443	0.5448	453	-452	0.5430	-0.0018	0.2868
30	418	-396	0.4884	410	-409	0.4914	0.0030	0.2886
32	314	-294	0.3648	305	-306	0.3666	0.0018	0.2856
34	185	-165	0.2100	164	-162	0.1956	-0.0144	0.2838
36	-22	38	-0.0360	-26	28	-0.0324	0.0036	0.2982
38	-259	282	-0.3246	-269	271	-0.3240	0.0006	0.2946
40	-530	550	-0.6480	-538	541	-0.6474	0.0006	0.2940
42	-746	766	-0.9072	-757	759	-0.9096	-0.0024	0.2934
44	-781	803	-0.9504	-796	796	-0.9552	-0.0048	0.2958
46	-721	742	-0.8778	-737	736	-0.8838	-0.0060	0.3006
48	-534	558	-0.6552	-554	553	-0.6642	-0.0090	0.3066
50	-347	369	-0.4296	-361	363	-0.4344	-0.0048	0.3156
52	-134	156	-0.1740	-150	150	-0.1800	-0.0060	0.3204
54	150	-127	0.1662	127	-132	0.1554	-0.0108	0.3264
56	429	-404	0.4998	415	-411	0.4956	-0.0042	0.3372
58	823	-795	0.9708	812	-810	0.9732	0.0024	0.3414
60	1057	-1033	1.2540	1057	-1060	1.2702	0.0162	0.3390
62	780	-761	0.9246	803	-801	0.9624	0.0378	0.3228
64	346	-326	0.4032	354	-357	0.4266	0.0234	0.2850
66	258	-238	0.2976	259	-256	0.3090	0.0114	0.2616
68	-93	115	-0.1248	-92	93	-0.1110	0.0138	0.2502
70	-200	225	-0.2550	-203	204	-0.2442	0.0108	0.2364
72	-450	472	-0.5532	-453	457	-0.5460	0.0072	0.2256
74	-597	612	-0.7254	-605	592	-0.7182	0.0072	0.2184
76	-716	739	-0.8730	-716	719	-0.8610	0.0120	0.2112
78	-717	737	-0.8724	-721	719	-0.8640	0.0084	0.1992
80	-741	763	-0.9024	-749	751	-0.9000	0.0024	0.1908
82	-463	485	-0.5688	-468	471	-0.5634	0.0054	0.1884

**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 1/13/2010 8:24:47 AM

**INITIAL SURVEY** 5/18/2009 5:05:57 PM

**DATE PRINTED** 1/13/2010 11:41:14 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
84	-104	127	-0.1386	-94	98	-0.1152	0.0234	0.1830
86	22	-1	0.0138	51	-52	0.0618	0.0480	0.1596
88	25	-3	0.0168	69	-69	0.0828	0.0660	0.1116
90	33	-10	0.0258	48	-45	0.0558	0.0300	0.0456
92	78	-58	0.0816	80	-80	0.0960	0.0144	0.0156
94	132	-109	0.1446	123	-120	0.1458	0.0012	0.0012
96	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 2:00:06 PM

**INITIAL SURVEY** 5/18/2009 5:05:57 PM

**DATE PRINTED** 1/13/2010 11:41:26 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
10	343	-305	0.3888	252	-222	0.2844	-0.1044	0.1836
12	367	-328	0.4170	374	-324	0.4188	0.0018	0.2880
14	385	-347	0.4392	431	-371	0.4812	0.0420	0.2862
16	367	-341	0.4248	427	-383	0.4860	0.0612	0.2442
18	332	-294	0.3756	392	-331	0.4338	0.0582	0.1830
20	351	-315	0.3996	393	-337	0.4380	0.0384	0.1248
22	366	-329	0.4170	382	-323	0.4230	0.0060	0.0864
24	399	-365	0.4584	414	-357	0.4626	0.0042	0.0804
26	487	-462	0.5694	494	-453	0.5682	-0.0012	0.0762
28	548	-515	0.6378	562	-509	0.6426	0.0048	0.0774
30	607	-584	0.7146	626	-574	0.7200	0.0054	0.0726
32	647	-613	0.7560	653	-605	0.7548	-0.0012	0.0672
34	618	-580	0.7188	629	-571	0.7200	0.0012	0.0684
36	525	-504	0.6174	529	-496	0.6150	-0.0024	0.0672
38	388	-355	0.4458	400	-349	0.4494	0.0036	0.0696
40	461	-435	0.5376	473	-437	0.5460	0.0084	0.0660
42	622	-586	0.7248	633	-577	0.7260	0.0012	0.0576
44	710	-675	0.8310	727	-663	0.8340	0.0030	0.0564
46	741	-703	0.8664	755	-698	0.8718	0.0054	0.0534
48	761	-725	0.8916	776	-720	0.8976	0.0060	0.0480
50	728	-696	0.8544	749	-696	0.8670	0.0126	0.0420
52	660	-625	0.7710	673	-619	0.7752	0.0042	0.0294
54	569	-538	0.6642	572	-539	0.6666	0.0024	0.0252
56	370	-364	0.4404	402	-366	0.4608	0.0204	0.0228
58	277	-277	0.3324	276	-256	0.3192	-0.0132	0.0024
60	622	-616	0.7428	613	-581	0.7164	-0.0264	0.0156
62	921	-892	1.0878	921	-871	1.0752	-0.0126	0.0420
64	854	-857	1.0266	875	-848	1.0338	0.0072	0.0546
66	630	-609	0.7434	650	-614	0.7584	0.0150	0.0474
68	569	-533	0.6612	571	-524	0.6570	-0.0042	0.0324
70	595	-557	0.6912	606	-547	0.6918	0.0006	0.0366
72	627	-596	0.7338	637	-595	0.7392	0.0054	0.0360
74	837	-852	1.0134	846	-829	1.0050	-0.0084	0.0306
76	708	-698	0.8436	753	-723	0.8856	0.0420	0.0390
78	518	-484	0.6012	529	-477	0.6036	0.0024	-0.0030
80	452	-427	0.5274	468	-423	0.5346	0.0072	-0.0054
82	382	-343	0.4350	394	-339	0.4398	0.0048	-0.0126
84	403	-369	0.4632	411	-358	0.4614	-0.0018	-0.0174
86	501	-481	0.5892	509	-462	0.5826	-0.0066	-0.0156

**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 2:00:06 PM  
**INITIAL SURVEY** 5/18/2009 5:05:57 PM  
**DATE PRINTED** 1/13/2010 11:41:26 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
88	587	-553	0.6840	586	-539	0.6750	-0.0090	-0.0090
90	656	-621	0.7662	665	-614	0.7674	0.0012	0.0000
92	661	-623	0.7704	671	-613	0.7704	0.0000	-0.0012
94	629	-594	0.7338	639	-582	0.7326	-0.0012	-0.0012
96	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 11/12/2009 11:08:07 AM

**INITIAL SURVEY** 5/18/2009 5:05:57 PM

**DATE PRINTED** 1/13/2010 11:41:26 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
10	343	-305	0.3888	282	-225	0.3042	-0.0846	0.1680
12	367	-328	0.4170	379	-315	0.4164	-0.0006	0.2526
14	385	-347	0.4392	430	-364	0.4764	0.0372	0.2532
16	367	-341	0.4248	430	-380	0.4860	0.0612	0.2160
18	332	-294	0.3756	389	-333	0.4332	0.0576	0.1548
20	351	-315	0.3996	395	-334	0.4374	0.0378	0.0972
22	366	-329	0.4170	386	-322	0.4248	0.0078	0.0594
24	399	-365	0.4584	415	-353	0.4608	0.0024	0.0516
26	487	-462	0.5694	495	-449	0.5664	-0.0030	0.0492
28	548	-515	0.6378	558	-503	0.6366	-0.0012	0.0522
30	607	-584	0.7146	631	-574	0.7230	0.0084	0.0534
32	647	-613	0.7560	662	-604	0.7596	0.0036	0.0450
34	618	-580	0.7188	633	-567	0.7200	0.0012	0.0414
36	525	-504	0.6174	531	-494	0.6150	-0.0024	0.0402
38	388	-355	0.4458	405	-344	0.4494	0.0036	0.0426
40	461	-435	0.5376	465	-438	0.5418	0.0042	0.0390
42	622	-586	0.7248	631	-575	0.7236	-0.0012	0.0348
44	710	-675	0.8310	729	-661	0.8340	0.0030	0.0360
46	741	-703	0.8664	759	-694	0.8718	0.0054	0.0330
48	761	-725	0.8916	778	-718	0.8976	0.0060	0.0276
50	728	-696	0.8544	750	-687	0.8622	0.0078	0.0216
52	660	-625	0.7710	676	-614	0.7740	0.0030	0.0138
54	569	-538	0.6642	573	-538	0.6666	0.0024	0.0108
56	370	-364	0.4404	405	-365	0.4620	0.0216	0.0084
58	277	-277	0.3324	263	-251	0.3084	-0.0240	-0.0132
60	622	-616	0.7428	611	-569	0.7080	-0.0348	0.0108
62	921	-892	1.0878	922	-867	1.0734	-0.0144	0.0456
64	854	-857	1.0266	881	-850	1.0386	0.0120	0.0600
66	630	-609	0.7434	654	-612	0.7596	0.0162	0.0480
68	569	-533	0.6612	568	-519	0.6522	-0.0090	0.0318
70	595	-557	0.6912	607	-543	0.6900	-0.0012	0.0408
72	627	-596	0.7338	639	-590	0.7374	0.0036	0.0420
74	837	-852	1.0134	832	-829	0.9966	-0.0168	0.0384
76	708	-698	0.8436	762	-746	0.9048	0.0612	0.0552
78	518	-484	0.6012	526	-475	0.6006	-0.0006	-0.0060
80	452	-427	0.5274	473	-423	0.5376	0.0102	-0.0054
82	382	-343	0.4350	397	-335	0.4392	0.0042	-0.0156
84	403	-369	0.4632	411	-361	0.4632	0.0000	-0.0198
86	501	-481	0.5892	508	-457	0.5790	-0.0102	-0.0198

**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 11/12/2009 11:08:07 AM  
**INITIAL SURVEY** 5/18/2009 5:05:57 PM  
**DATE PRINTED** 1/13/2010 11:41:26 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
88	587	-553	0.6840	586	-532	0.6708	-0.0132	-0.0096
90	656	-621	0.7662	670	-612	0.7692	0.0030	0.0036
92	661	-623	0.7704	671	-611	0.7692	-0.0012	0.0006
94	629	-594	0.7338	643	-583	0.7356	0.0018	0.0018
96	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 12/18/2009 10:35:46 AM

**INITIAL SURVEY** 5/18/2009 5:05:57 PM

**DATE PRINTED** 1/13/2010 11:41:26 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
10	343	-305	0.3888	252	-266	0.3108	-0.0780	0.3624
12	367	-328	0.4170	350	-366	0.4296	0.0126	0.4404
14	385	-347	0.4392	386	-417	0.4818	0.0426	0.4278
16	367	-341	0.4248	394	-422	0.4896	0.0648	0.3852
18	332	-294	0.3756	350	-378	0.4368	0.0612	0.3204
20	351	-315	0.3996	346	-383	0.4374	0.0378	0.2592
22	366	-329	0.4170	345	-376	0.4326	0.0156	0.2214
24	399	-365	0.4584	383	-403	0.4716	0.0132	0.2058
26	487	-462	0.5694	462	-481	0.5658	-0.0036	0.1926
28	548	-515	0.6378	530	-539	0.6414	0.0036	0.1962
30	607	-584	0.7146	591	-619	0.7260	0.0114	0.1926
32	647	-613	0.7560	612	-653	0.7590	0.0030	0.1812
34	618	-580	0.7188	578	-618	0.7176	-0.0012	0.1782
36	525	-504	0.6174	513	-511	0.6144	-0.0030	0.1794
38	388	-355	0.4458	374	-396	0.4620	0.0162	0.1824
40	461	-435	0.5376	459	-463	0.5532	0.0156	0.1662
42	622	-586	0.7248	610	-621	0.7386	0.0138	0.1506
44	710	-675	0.8310	681	-714	0.8370	0.0060	0.1368
46	741	-703	0.8664	713	-738	0.8706	0.0042	0.1308
48	761	-725	0.8916	729	-767	0.8976	0.0060	0.1266
50	728	-696	0.8544	701	-736	0.8622	0.0078	0.1206
52	660	-625	0.7710	631	-662	0.7758	0.0048	0.1128
54	569	-538	0.6642	566	-560	0.6756	0.0114	0.1080
56	370	-364	0.4404	378	-381	0.4554	0.0150	0.0966
58	277	-277	0.3324	258	-271	0.3174	-0.0150	0.0816
60	622	-616	0.7428	611	-605	0.7296	-0.0132	0.0966
62	921	-892	1.0878	881	-901	1.0692	-0.0186	0.1098
64	854	-857	1.0266	858	-870	1.0368	0.0102	0.1284
66	630	-609	0.7434	627	-632	0.7554	0.0120	0.1182
68	569	-533	0.6612	547	-575	0.6732	0.0120	0.1062
70	595	-557	0.6912	568	-594	0.6972	0.0060	0.0942
72	627	-596	0.7338	612	-633	0.7470	0.0132	0.0882
74	837	-852	1.0134	843	-856	1.0194	0.0060	0.0750
76	708	-698	0.8436	727	-719	0.8676	0.0240	0.0690
78	518	-484	0.6012	487	-518	0.6030	0.0018	0.0450
80	452	-427	0.5274	437	-463	0.5400	0.0126	0.0432
82	382	-343	0.4350	353	-388	0.4446	0.0096	0.0306
84	403	-369	0.4632	389	-407	0.4776	0.0144	0.0210
86	501	-481	0.5892	482	-494	0.5856	-0.0036	0.0066

**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 12/18/2009 10:35:46 AM  
**INITIAL SURVEY** 5/18/2009 5:05:57 PM  
**DATE PRINTED** 1/13/2010 11:41:26 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
88	587	-553	0.6840	564	-578	0.6852	0.0012	0.0102
90	656	-621	0.7662	622	-664	0.7716	0.0054	0.0090
92	661	-623	0.7704	622	-664	0.7716	0.0012	0.0036
94	629	-594	0.7338	594	-633	0.7362	0.0024	0.0024
96	0	0	0.0000	0	0	0.0000	0.0000	0.0000



**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 1/13/2010 8:24:47 AM

**INITIAL SURVEY** 5/18/2009 5:05:57 PM

**DATE PRINTED** 1/13/2010 11:41:26 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
6	403	-395	0.4788	238	-232	0.2820	-0.1968	-0.0864
8	343	-306	0.3894	159	-172	0.1986	-0.1908	0.1104
10	343	-305	0.3888	259	-272	0.3186	-0.0702	0.3012
12	367	-328	0.4170	361	-374	0.4410	0.0240	0.3714
14	385	-347	0.4392	391	-417	0.4848	0.0456	0.3474
16	367	-341	0.4248	394	-410	0.4824	0.0576	0.3018
18	332	-294	0.3756	350	-374	0.4344	0.0588	0.2442
20	351	-315	0.3996	356	-380	0.4416	0.0420	0.1854
22	366	-329	0.4170	353	-371	0.4344	0.0174	0.1434
24	399	-365	0.4584	383	-401	0.4704	0.0120	0.1260
26	487	-462	0.5694	466	-477	0.5658	-0.0036	0.1140
28	548	-515	0.6378	535	-547	0.6492	0.0114	0.1176
30	607	-584	0.7146	597	-618	0.7290	0.0144	0.1062
32	647	-613	0.7560	612	-633	0.7470	-0.0090	0.0918
34	618	-580	0.7188	579	-607	0.7116	-0.0072	0.1008
36	525	-504	0.6174	510	-510	0.6120	-0.0054	0.1080
38	388	-355	0.4458	375	-394	0.4614	0.0156	0.1134
40	461	-435	0.5376	459	-462	0.5526	0.0150	0.0978
42	622	-586	0.7248	617	-606	0.7338	0.0090	0.0828
44	710	-675	0.8310	686	-710	0.8376	0.0066	0.0738
46	741	-703	0.8664	719	-742	0.8766	0.0102	0.0672
48	761	-725	0.8916	731	-750	0.8886	-0.0030	0.0570
50	728	-696	0.8544	706	-720	0.8556	0.0012	0.0600
52	660	-625	0.7710	630	-642	0.7632	-0.0078	0.0588
54	569	-538	0.6642	583	-551	0.6804	0.0162	0.0666
56	370	-364	0.4404	378	-378	0.4536	0.0132	0.0504
58	277	-277	0.3324	259	-259	0.3108	-0.0216	0.0372
60	622	-616	0.7428	618	-606	0.7344	-0.0084	0.0588
62	921	-892	1.0878	883	-898	1.0686	-0.0192	0.0672
64	854	-857	1.0266	858	-867	1.0350	0.0084	0.0864
66	630	-609	0.7434	617	-622	0.7434	0.0000	0.0780
68	569	-533	0.6612	557	-573	0.6780	0.0168	0.0780
70	595	-557	0.6912	576	-595	0.7026	0.0114	0.0612
72	627	-596	0.7338	614	-631	0.7470	0.0132	0.0498
74	837	-852	1.0134	847	-855	1.0212	0.0078	0.0366
76	708	-698	0.8436	724	-721	0.8670	0.0234	0.0288
78	518	-484	0.6012	486	-512	0.5988	-0.0024	0.0054
80	452	-427	0.5274	439	-450	0.5334	0.0060	0.0078
82	382	-343	0.4350	360	-382	0.4452	0.0102	0.0018

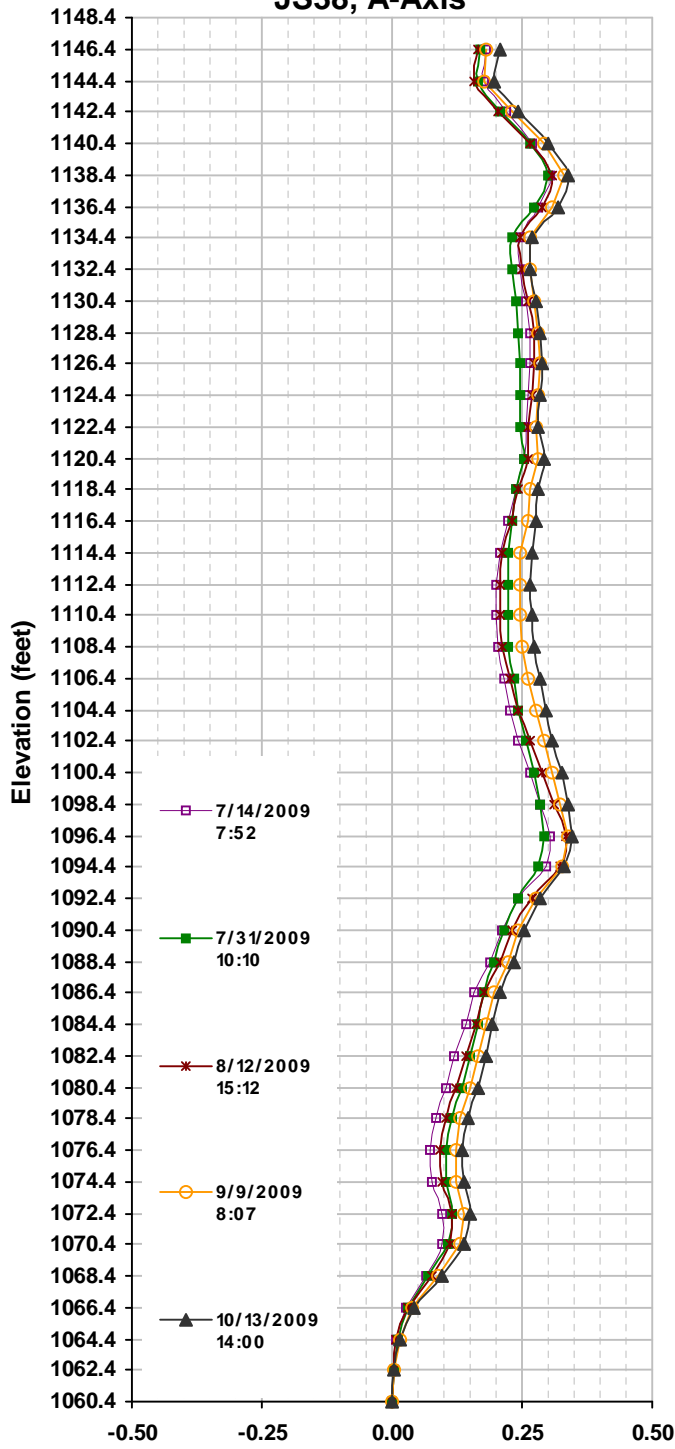
**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 1/13/2010 8:24:47 AM  
**INITIAL SURVEY** 5/18/2009 5:05:57 PM  
**DATE PRINTED** 1/13/2010 11:41:27 AM

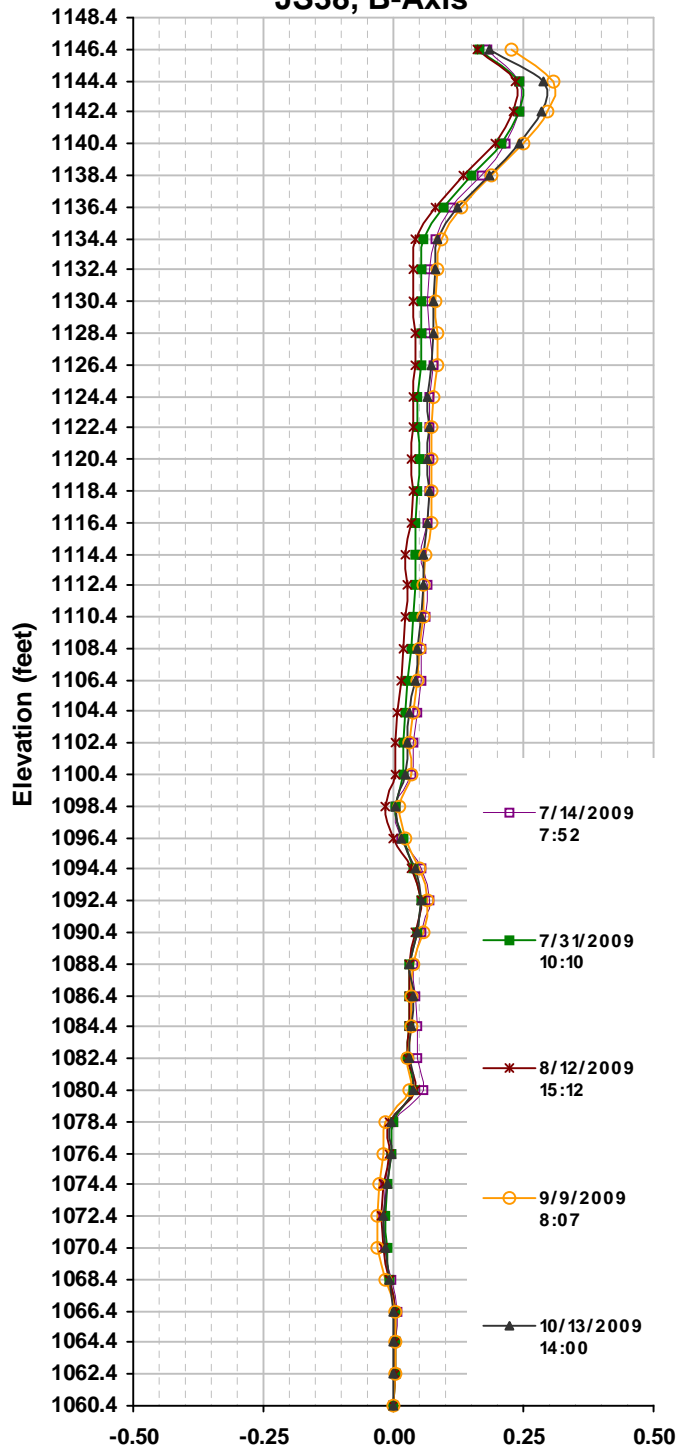
Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
84	403	-369	0.4632	389	-401	0.4740	0.0108	-0.0084
86	501	-481	0.5892	482	-493	0.5850	-0.0042	-0.0192
88	587	-553	0.6840	566	-562	0.6768	-0.0072	-0.0150
90	656	-621	0.7662	629	-646	0.7650	-0.0012	-0.0078
92	661	-623	0.7704	625	-648	0.7638	-0.0066	-0.0066
94	629	-594	0.7338	601	-622	0.7338	0.0000	0.0000
96	0	0	0.0000	0	0	0.0000	0.0000	0.0000

JS38, A-Axis

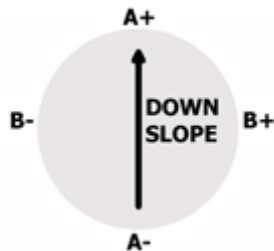


JS38, B-Axis



Cumulative Displacement (in) from 5/18/2009

Cumulative Displacement (in) from 5/18/2009



John Sevier Fossil Plant

Rogersville, TN

175569038

10/15/2009

**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 7/14/2009 7:52:44 AM

**INITIAL SURVEY** 5/18/2009 5:05:57 PM

**DATE PRINTED** 10/15/2009 10:56:03 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
10	-506	526	-0.6192	-509	515	-0.6144	0.0048	0.1824
12	-478	498	-0.5856	-518	525	-0.6258	-0.0402	0.1776
14	-390	411	-0.4806	-441	446	-0.5322	-0.0516	0.2178
16	-281	301	-0.3492	-313	329	-0.3852	-0.0360	0.2694
18	-142	163	-0.1830	-129	137	-0.1596	0.0234	0.3054
20	-1	22	-0.0138	23	-14	0.0222	0.0360	0.2820
22	137	-117	0.1524	129	-123	0.1512	-0.0012	0.2460
24	302	-278	0.3480	286	-275	0.3366	-0.0114	0.2472
26	435	-410	0.5070	423	-410	0.4998	-0.0072	0.2586
28	465	-443	0.5448	459	-447	0.5436	-0.0012	0.2658
30	418	-396	0.4884	415	-407	0.4932	0.0048	0.2670
32	314	-294	0.3648	312	-303	0.3690	0.0042	0.2622
34	185	-165	0.2100	181	-174	0.2130	0.0030	0.2580
36	-22	38	-0.0360	-11	19	-0.0180	0.0180	0.2550
38	-259	282	-0.3246	-256	264	-0.3120	0.0126	0.2370
40	-530	550	-0.6480	-522	527	-0.6294	0.0186	0.2244
42	-746	766	-0.9072	-746	755	-0.9006	0.0066	0.2058
44	-781	803	-0.9504	-788	795	-0.9498	0.0006	0.1992
46	-721	742	-0.8778	-731	738	-0.8814	-0.0036	0.1986
48	-534	558	-0.6552	-552	561	-0.6678	-0.0126	0.2022
50	-347	369	-0.4296	-363	373	-0.4416	-0.0120	0.2148
52	-134	156	-0.1740	-156	163	-0.1914	-0.0174	0.2268
54	150	-127	0.1662	125	-117	0.1452	-0.0210	0.2442
56	429	-404	0.4998	407	-394	0.4806	-0.0192	0.2652
58	823	-795	0.9708	798	-786	0.9504	-0.0204	0.2844
60	1057	-1033	1.2540	1057	-1048	1.2630	0.0090	0.3048
62	780	-761	0.9246	818	-809	0.9762	0.0516	0.2958
64	346	-326	0.4032	367	-360	0.4362	0.0330	0.2442
66	258	-238	0.2976	272	-263	0.3210	0.0234	0.2112
68	-93	115	-0.1248	-74	85	-0.0954	0.0294	0.1878
70	-200	225	-0.2550	-194	206	-0.2400	0.0150	0.1584
72	-450	472	-0.5532	-435	449	-0.5304	0.0228	0.1434
74	-597	612	-0.7254	-590	592	-0.7092	0.0162	0.1206
76	-716	739	-0.8730	-705	714	-0.8514	0.0216	0.1044
78	-717	737	-0.8724	-713	722	-0.8610	0.0114	0.0828
80	-741	763	-0.9024	-751	759	-0.9060	-0.0036	0.0714
82	-463	485	-0.5688	-487	494	-0.5886	-0.0198	0.0750
84	-104	127	-0.1386	-112	121	-0.1398	-0.0012	0.0948
86	22	-1	0.0138	44	-32	0.0456	0.0318	0.0960

**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 7/14/2009 7:52:44 AM

**INITIAL SURVEY** 5/18/2009 5:05:57 PM

**DATE PRINTED** 10/15/2009 10:56:04 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
88	25	-3	0.0168	50	-38	0.0528	0.0360	0.0642
90	33	-10	0.0258	42	-33	0.0450	0.0192	0.0282
92	78	-58	0.0816	76	-68	0.0864	0.0048	0.0090
94	132	-109	0.1446	129	-119	0.1488	0.0042	0.0042
96	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 7/31/2009 10:10:33 AM

**INITIAL SURVEY** 5/18/2009 5:05:57 PM

**DATE PRINTED** 10/15/2009 10:56:04 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
10	-506	526	-0.6192	-512	515	-0.6162	0.0030	0.1698
12	-478	498	-0.5856	-522	525	-0.6282	-0.0426	0.1668
14	-390	411	-0.4806	-446	451	-0.5382	-0.0576	0.2094
16	-281	301	-0.3492	-318	318	-0.3816	-0.0324	0.2670
18	-142	163	-0.1830	-129	134	-0.1578	0.0252	0.2994
20	-1	22	-0.0138	27	-23	0.0300	0.0438	0.2742
22	137	-117	0.1524	130	-126	0.1536	0.0012	0.2304
24	302	-278	0.3480	287	-278	0.3390	-0.0090	0.2292
26	435	-410	0.5070	422	-414	0.5016	-0.0054	0.2382
28	465	-443	0.5448	455	-449	0.5424	-0.0024	0.2436
30	418	-396	0.4884	410	-403	0.4878	-0.0006	0.2460
32	314	-294	0.3648	305	-303	0.3648	0.0000	0.2466
34	185	-165	0.2100	172	-169	0.2046	-0.0054	0.2466
36	-22	38	-0.0360	-18	21	-0.0234	0.0126	0.2520
38	-259	282	-0.3246	-263	266	-0.3174	0.0072	0.2394
40	-530	550	-0.6480	-527	539	-0.6396	0.0084	0.2322
42	-746	766	-0.9072	-751	758	-0.9054	0.0018	0.2238
44	-781	803	-0.9504	-790	794	-0.9504	0.0000	0.2220
46	-721	742	-0.8778	-732	734	-0.8796	-0.0018	0.2220
48	-534	558	-0.6552	-553	555	-0.6648	-0.0096	0.2238
50	-347	369	-0.4296	-366	366	-0.4392	-0.0096	0.2334
52	-134	156	-0.1740	-160	155	-0.1890	-0.0150	0.2430
54	150	-127	0.1662	128	-125	0.1518	-0.0144	0.2580
56	429	-404	0.4998	407	-406	0.4878	-0.0120	0.2724
58	823	-795	0.9708	802	-801	0.9618	-0.0090	0.2844
60	1057	-1033	1.2540	1057	-1053	1.2660	0.0120	0.2934
62	780	-761	0.9246	807	-799	0.9636	0.0390	0.2814
64	346	-326	0.4032	362	-355	0.4302	0.0270	0.2424
66	258	-238	0.2976	267	-259	0.3156	0.0180	0.2154
68	-93	115	-0.1248	-82	91	-0.1038	0.0210	0.1974
70	-200	225	-0.2550	-199	206	-0.2430	0.0120	0.1764
72	-450	472	-0.5532	-441	454	-0.5370	0.0162	0.1644
74	-597	612	-0.7254	-594	591	-0.7110	0.0144	0.1482
76	-716	739	-0.8730	-710	715	-0.8550	0.0180	0.1338
78	-717	737	-0.8724	-715	721	-0.8616	0.0108	0.1158
80	-741	763	-0.9024	-751	753	-0.9024	0.0000	0.1050
82	-463	485	-0.5688	-486	479	-0.5790	-0.0102	0.1050
84	-104	127	-0.1386	-106	111	-0.1302	0.0084	0.1152
86	22	-1	0.0138	45	-38	0.0498	0.0360	0.1068

**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 7/31/2009 10:10:33 AM  
**INITIAL SURVEY** 5/18/2009 5:05:57 PM  
**DATE PRINTED** 10/15/2009 10:56:04 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
88	25	-3	0.0168	51	-46	0.0582	0.0414	0.0708
90	33	-10	0.0258	39	-35	0.0444	0.0186	0.0294
92	78	-58	0.0816	75	-72	0.0882	0.0066	0.0108
94	132	-109	0.1446	126	-122	0.1488	0.0042	0.0042
96	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 8/12/2009 3:12:48 PM

**INITIAL SURVEY** 5/18/2009 5:05:57 PM

**DATE PRINTED** 10/15/2009 10:56:04 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
10	-506	526	-0.6192	-509	513	-0.6132	0.0060	0.1656
12	-478	498	-0.5856	-522	527	-0.6294	-0.0438	0.1596
14	-390	411	-0.4806	-449	455	-0.5424	-0.0618	0.2034
16	-281	301	-0.3492	-322	328	-0.3900	-0.0408	0.2652
18	-142	163	-0.1830	-134	141	-0.1650	0.0180	0.3060
20	-1	22	-0.0138	26	-19	0.0270	0.0408	0.2880
22	137	-117	0.1524	127	-122	0.1494	-0.0030	0.2472
24	302	-278	0.3480	283	-275	0.3348	-0.0132	0.2502
26	435	-410	0.5070	420	-411	0.4986	-0.0084	0.2634
28	465	-443	0.5448	457	-448	0.5430	-0.0018	0.2718
30	418	-396	0.4884	414	-409	0.4938	0.0054	0.2736
32	314	-294	0.3648	312	-306	0.3708	0.0060	0.2682
34	185	-165	0.2100	179	-173	0.2112	0.0012	0.2622
36	-22	38	-0.0360	-10	18	-0.0168	0.0192	0.2610
38	-259	282	-0.3246	-257	264	-0.3126	0.0120	0.2418
40	-530	550	-0.6480	-522	527	-0.6294	0.0186	0.2298
42	-746	766	-0.9072	-749	754	-0.9018	0.0054	0.2112
44	-781	803	-0.9504	-790	795	-0.9510	-0.0006	0.2058
46	-721	742	-0.8778	-735	739	-0.8844	-0.0066	0.2064
48	-534	558	-0.6552	-557	561	-0.6708	-0.0156	0.2130
50	-347	369	-0.4296	-366	373	-0.4434	-0.0138	0.2286
52	-134	156	-0.1740	-162	164	-0.1956	-0.0216	0.2424
54	150	-127	0.1662	121	-116	0.1422	-0.0240	0.2640
56	429	-404	0.4998	401	-395	0.4776	-0.0222	0.2880
58	823	-795	0.9708	793	-786	0.9474	-0.0234	0.3102
60	1057	-1033	1.2540	1058	-1049	1.2642	0.0102	0.3336
62	780	-761	0.9246	822	-812	0.9804	0.0558	0.3234
64	346	-326	0.4032	370	-362	0.4392	0.0360	0.2676
66	258	-238	0.2976	271	-264	0.3210	0.0234	0.2316
68	-93	115	-0.1248	-77	82	-0.0954	0.0294	0.2082
70	-200	225	-0.2550	-195	204	-0.2394	0.0156	0.1788
72	-450	472	-0.5532	-438	447	-0.5310	0.0222	0.1632
74	-597	612	-0.7254	-591	591	-0.7092	0.0162	0.1410
76	-716	739	-0.8730	-705	713	-0.8508	0.0222	0.1248
78	-717	737	-0.8724	-714	722	-0.8616	0.0108	0.1026
80	-741	763	-0.9024	-753	758	-0.9066	-0.0042	0.0918
82	-463	485	-0.5688	-486	494	-0.5880	-0.0192	0.0960
84	-104	127	-0.1386	-109	118	-0.1362	0.0024	0.1152
86	22	-1	0.0138	47	-37	0.0504	0.0366	0.1128



**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 8/12/2009 3:12:48 PM  
**INITIAL SURVEY** 5/18/2009 5:05:57 PM  
**DATE PRINTED** 10/15/2009 10:56:04 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
88	25	-3	0.0168	55	-47	0.0612	0.0444	0.0762
90	33	-10	0.0258	43	-37	0.0480	0.0222	0.0318
92	78	-58	0.0816	76	-71	0.0882	0.0066	0.0096
94	132	-109	0.1446	127	-119	0.1476	0.0030	0.0030
96	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 9/9/2009 8:07:12 AM

**INITIAL SURVEY** 5/18/2009 5:05:57 PM

**DATE PRINTED** 10/15/2009 10:56:04 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
10	-506	526	-0.6192	-511	515	-0.6156	0.0036	0.1824
12	-478	498	-0.5856	-530	535	-0.6390	-0.0534	0.1788
14	-390	411	-0.4806	-445	454	-0.5394	-0.0588	0.2322
16	-281	301	-0.3492	-318	328	-0.3876	-0.0384	0.2910
18	-142	163	-0.1830	-130	141	-0.1626	0.0204	0.3294
20	-1	22	-0.0138	30	-19	0.0294	0.0432	0.3090
22	137	-117	0.1524	134	-123	0.1542	0.0018	0.2658
24	302	-278	0.3480	288	-274	0.3372	-0.0108	0.2640
26	435	-410	0.5070	425	-409	0.5004	-0.0066	0.2748
28	465	-443	0.5448	460	-445	0.5430	-0.0018	0.2814
30	418	-396	0.4884	415	-403	0.4908	0.0024	0.2832
32	314	-294	0.3648	314	-303	0.3702	0.0054	0.2808
34	185	-165	0.2100	177	-166	0.2058	-0.0042	0.2754
36	-22	38	-0.0360	-13	25	-0.0228	0.0132	0.2796
38	-259	282	-0.3246	-259	271	-0.3180	0.0066	0.2664
40	-530	550	-0.6480	-525	535	-0.6360	0.0120	0.2598
42	-746	766	-0.9072	-749	758	-0.9042	0.0030	0.2478
44	-781	803	-0.9504	-787	799	-0.9516	-0.0012	0.2448
46	-721	742	-0.8778	-730	741	-0.8826	-0.0048	0.2460
48	-534	558	-0.6552	-550	562	-0.6672	-0.0120	0.2508
50	-347	369	-0.4296	-365	374	-0.4434	-0.0138	0.2628
52	-134	156	-0.1740	-152	161	-0.1878	-0.0138	0.2766
54	150	-127	0.1662	127	-118	0.1470	-0.0192	0.2904
56	429	-404	0.4998	412	-397	0.4854	-0.0144	0.3096
58	823	-795	0.9708	803	-790	0.9558	-0.0150	0.3240
60	1057	-1033	1.2540	1064	-1049	1.2678	0.0138	0.3390
62	780	-761	0.9246	818	-805	0.9738	0.0492	0.3252
64	346	-326	0.4032	369	-357	0.4356	0.0324	0.2760
66	258	-238	0.2976	270	-259	0.3174	0.0198	0.2436
68	-93	115	-0.1248	-76	88	-0.0984	0.0264	0.2238
70	-200	225	-0.2550	-191	209	-0.2400	0.0150	0.1974
72	-450	472	-0.5532	-439	455	-0.5364	0.0168	0.1824
74	-597	612	-0.7254	-591	594	-0.7110	0.0144	0.1656
76	-716	739	-0.8730	-706	718	-0.8544	0.0186	0.1512
78	-717	737	-0.8724	-711	725	-0.8616	0.0108	0.1326
80	-741	763	-0.9024	-748	759	-0.9042	-0.0018	0.1218
82	-463	485	-0.5688	-480	491	-0.5826	-0.0138	0.1236
84	-104	127	-0.1386	-102	116	-0.1308	0.0078	0.1374
86	22	-1	0.0138	54	-38	0.0552	0.0414	0.1296

**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 9/9/2009 8:07:12 AM  
**INITIAL SURVEY** 5/18/2009 5:05:57 PM  
**DATE PRINTED** 10/15/2009 10:56:04 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
88	25	-3	0.0168	62	-48	0.0660	0.0492	0.0882
90	33	-10	0.0258	50	-35	0.0510	0.0252	0.0390
92	78	-58	0.0816	81	-70	0.0906	0.0090	0.0138
94	132	-109	0.1446	131	-118	0.1494	0.0048	0.0048
96	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 2:00:06 PM

**INITIAL SURVEY** 5/18/2009 5:05:57 PM

**DATE PRINTED** 10/15/2009 10:56:04 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
10	-506	526	-0.6192	-503	513	-0.6096	0.0096	0.2064
12	-478	498	-0.5856	-522	529	-0.6306	-0.0450	0.1968
14	-390	411	-0.4806	-444	452	-0.5376	-0.0570	0.2418
16	-281	301	-0.3492	-320	326	-0.3876	-0.0384	0.2988
18	-142	163	-0.1830	-132	143	-0.1650	0.0180	0.3372
20	-1	22	-0.0138	33	-25	0.0348	0.0486	0.3192
22	137	-117	0.1524	133	-127	0.1560	0.0036	0.2706
24	302	-278	0.3480	286	-275	0.3366	-0.0114	0.2670
26	435	-410	0.5070	422	-410	0.4992	-0.0078	0.2784
28	465	-443	0.5448	457	-447	0.5424	-0.0024	0.2862
30	418	-396	0.4884	413	-406	0.4914	0.0030	0.2886
32	314	-294	0.3648	309	-304	0.3678	0.0030	0.2856
34	185	-165	0.2100	171	-166	0.2022	-0.0078	0.2826
36	-22	38	-0.0360	-19	27	-0.0276	0.0084	0.2904
38	-259	282	-0.3246	-264	270	-0.3204	0.0042	0.2820
40	-530	550	-0.6480	-527	537	-0.6384	0.0096	0.2778
42	-746	766	-0.9072	-751	759	-0.9060	0.0012	0.2682
44	-781	803	-0.9504	-789	796	-0.9510	-0.0006	0.2670
46	-721	742	-0.8778	-733	739	-0.8832	-0.0054	0.2676
48	-534	558	-0.6552	-553	560	-0.6678	-0.0126	0.2730
50	-347	369	-0.4296	-363	369	-0.4392	-0.0096	0.2856
52	-134	156	-0.1740	-153	156	-0.1854	-0.0114	0.2952
54	150	-127	0.1662	126	-120	0.1476	-0.0186	0.3066
56	429	-404	0.4998	410	-401	0.4866	-0.0132	0.3252
58	823	-795	0.9708	810	-793	0.9618	-0.0090	0.3384
60	1057	-1033	1.2540	1063	-1054	1.2702	0.0162	0.3474
62	780	-761	0.9246	814	-805	0.9714	0.0468	0.3312
64	346	-326	0.4032	364	-357	0.4326	0.0294	0.2844
66	258	-238	0.2976	267	-261	0.3168	0.0192	0.2550
68	-93	115	-0.1248	-78	85	-0.0978	0.0270	0.2358
70	-200	225	-0.2550	-194	206	-0.2400	0.0150	0.2088
72	-450	472	-0.5532	-442	458	-0.5400	0.0132	0.1938
74	-597	612	-0.7254	-593	593	-0.7116	0.0138	0.1806
76	-716	739	-0.8730	-705	715	-0.8520	0.0210	0.1668
78	-717	737	-0.8724	-713	722	-0.8610	0.0114	0.1458
80	-741	763	-0.9024	-751	757	-0.9048	-0.0024	0.1344
82	-463	485	-0.5688	-481	486	-0.5802	-0.0114	0.1368
84	-104	127	-0.1386	-102	113	-0.1290	0.0096	0.1482
86	22	-1	0.0138	51	-41	0.0552	0.0414	0.1386

**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 2:00:06 PM  
**INITIAL SURVEY** 5/18/2009 5:05:57 PM  
**DATE PRINTED** 10/15/2009 10:56:04 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
88	25	-3	0.0168	64	-56	0.0720	0.0552	0.0972
90	33	-10	0.0258	49	-38	0.0522	0.0264	0.0420
92	78	-58	0.0816	81	-73	0.0924	0.0108	0.0156
94	132	-109	0.1446	130	-119	0.1494	0.0048	0.0048
96	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 7/14/2009 7:52:44 AM

**INITIAL SURVEY** 5/18/2009 5:05:57 PM

**DATE PRINTED** 10/15/2009 10:56:16 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
10	343	-305	0.3888	298	-246	0.3264	-0.0624	0.1818
12	367	-328	0.4170	381	-318	0.4194	0.0024	0.2442
14	385	-347	0.4392	422	-355	0.4662	0.0270	0.2418
16	367	-341	0.4248	418	-369	0.4722	0.0474	0.2148
18	332	-294	0.3756	390	-326	0.4296	0.0540	0.1674
20	351	-315	0.3996	390	-331	0.4326	0.0330	0.1134
22	366	-329	0.4170	383	-330	0.4278	0.0108	0.0804
24	399	-365	0.4584	415	-353	0.4608	0.0024	0.0696
26	487	-462	0.5694	494	-451	0.5670	-0.0024	0.0672
28	548	-515	0.6378	550	-503	0.6318	-0.0060	0.0696
30	607	-584	0.7146	629	-571	0.7200	0.0054	0.0756
32	647	-613	0.7560	657	-605	0.7572	0.0012	0.0702
34	618	-580	0.7188	633	-567	0.7200	0.0012	0.0690
36	525	-504	0.6174	531	-495	0.6156	-0.0018	0.0678
38	388	-355	0.4458	406	-345	0.4506	0.0048	0.0696
40	461	-435	0.5376	477	-437	0.5484	0.0108	0.0648
42	622	-586	0.7248	615	-574	0.7134	-0.0114	0.0540
44	710	-675	0.8310	728	-662	0.8340	0.0030	0.0654
46	741	-703	0.8664	758	-698	0.8736	0.0072	0.0624
48	761	-725	0.8916	775	-714	0.8934	0.0018	0.0552
50	728	-696	0.8544	747	-688	0.8610	0.0066	0.0534
52	660	-625	0.7710	678	-619	0.7782	0.0072	0.0468
54	569	-538	0.6642	578	-537	0.6690	0.0048	0.0396
56	370	-364	0.4404	403	-385	0.4728	0.0324	0.0348
58	277	-277	0.3324	281	-253	0.3204	-0.0120	0.0024
60	622	-616	0.7428	609	-566	0.7050	-0.0378	0.0144
62	921	-892	1.0878	921	-866	1.0722	-0.0156	0.0522
64	854	-857	1.0266	880	-856	1.0416	0.0150	0.0678
66	630	-609	0.7434	653	-608	0.7566	0.0132	0.0528
68	569	-533	0.6612	578	-521	0.6594	-0.0018	0.0396
70	595	-557	0.6912	599	-546	0.6870	-0.0042	0.0414
72	627	-596	0.7338	634	-587	0.7326	-0.0012	0.0456
74	837	-852	1.0134	848	-821	1.0014	-0.0120	0.0468
76	708	-698	0.8436	763	-738	0.9006	0.0570	0.0588
78	518	-484	0.6012	535	-475	0.6060	0.0048	0.0018
80	452	-427	0.5274	475	-423	0.5388	0.0114	-0.0030
82	382	-343	0.4350	397	-336	0.4398	0.0048	-0.0144
84	403	-369	0.4632	410	-355	0.4590	-0.0042	-0.0192
86	501	-481	0.5892	505	-459	0.5784	-0.0108	-0.0150

**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 7/14/2009 7:52:44 AM  
**INITIAL SURVEY** 5/18/2009 5:05:57 PM  
**DATE PRINTED** 10/15/2009 10:56:17 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
88	587	-553	0.6840	589	-533	0.6732	-0.0108	-0.0042
90	656	-621	0.7662	667	-615	0.7692	0.0030	0.0066
92	661	-623	0.7704	673	-611	0.7704	0.0000	0.0036
94	629	-594	0.7338	643	-586	0.7374	0.0036	0.0036
96	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 7/31/2009 10:10:33 AM

**INITIAL SURVEY** 5/18/2009 5:05:57 PM

**DATE PRINTED** 10/15/2009 10:56:17 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
10	343	-305	0.3888	283	-241	0.3144	-0.0744	0.1668
12	367	-328	0.4170	371	-323	0.4164	-0.0006	0.2412
14	385	-347	0.4392	420	-369	0.4734	0.0342	0.2418
16	367	-341	0.4248	417	-384	0.4806	0.0558	0.2076
18	332	-294	0.3756	382	-338	0.4320	0.0564	0.1518
20	351	-315	0.3996	383	-343	0.4356	0.0360	0.0954
22	366	-329	0.4170	374	-329	0.4218	0.0048	0.0594
24	399	-365	0.4584	402	-363	0.4590	0.0006	0.0546
26	487	-462	0.5694	489	-461	0.5700	0.0006	0.0540
28	548	-515	0.6378	548	-514	0.6372	-0.0006	0.0534
30	607	-584	0.7146	621	-582	0.7218	0.0072	0.0540
32	647	-613	0.7560	651	-609	0.7560	0.0000	0.0468
34	618	-580	0.7188	621	-573	0.7164	-0.0024	0.0468
36	525	-504	0.6174	525	-508	0.6198	0.0024	0.0492
38	388	-355	0.4458	396	-354	0.4500	0.0042	0.0468
40	461	-435	0.5376	464	-434	0.5388	0.0012	0.0426
42	622	-586	0.7248	626	-581	0.7242	-0.0006	0.0414
44	710	-675	0.8310	720	-670	0.8340	0.0030	0.0420
46	741	-703	0.8664	749	-702	0.8706	0.0042	0.0390
48	761	-725	0.8916	769	-727	0.8976	0.0060	0.0348
50	728	-696	0.8544	737	-696	0.8598	0.0054	0.0288
52	660	-625	0.7710	668	-627	0.7770	0.0060	0.0234
54	569	-538	0.6642	567	-539	0.6636	-0.0006	0.0174
56	370	-364	0.4404	389	-366	0.4530	0.0126	0.0180
58	277	-277	0.3324	268	-266	0.3204	-0.0120	0.0054
60	622	-616	0.7428	611	-590	0.7206	-0.0222	0.0174
62	921	-892	1.0878	914	-878	1.0752	-0.0126	0.0396
64	854	-857	1.0266	866	-858	1.0344	0.0078	0.0522
66	630	-609	0.7434	646	-613	0.7554	0.0120	0.0444
68	569	-533	0.6612	574	-530	0.6624	0.0012	0.0324
70	595	-557	0.6912	600	-555	0.6930	0.0018	0.0312
72	627	-596	0.7338	630	-595	0.7350	0.0012	0.0294
74	837	-852	1.0134	835	-837	1.0032	-0.0102	0.0282
76	708	-698	0.8436	743	-726	0.8814	0.0378	0.0384
78	518	-484	0.6012	526	-482	0.6048	0.0036	0.0006
80	452	-427	0.5274	463	-430	0.5358	0.0084	-0.0030
82	382	-343	0.4350	387	-346	0.4398	0.0048	-0.0114
84	403	-369	0.4632	405	-362	0.4602	-0.0030	-0.0162
86	501	-481	0.5892	500	-472	0.5832	-0.0060	-0.0132



**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 7/31/2009 10:10:33 AM  
**INITIAL SURVEY** 5/18/2009 5:05:57 PM  
**DATE PRINTED** 10/15/2009 10:56:17 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
88	587	-553	0.6840	579	-541	0.6720	-0.0120	-0.0072
90	656	-621	0.7662	661	-617	0.7668	0.0006	0.0048
92	661	-623	0.7704	666	-621	0.7722	0.0018	0.0042
94	629	-594	0.7338	634	-593	0.7362	0.0024	0.0024
96	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 8/12/2009 3:12:48 PM

**INITIAL SURVEY** 5/18/2009 5:05:57 PM

**DATE PRINTED** 10/15/2009 10:56:17 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
10	343	-305	0.3888	289	-235	0.3144	-0.0744	0.1602
12	367	-328	0.4170	382	-319	0.4206	0.0036	0.2346
14	385	-347	0.4392	428	-362	0.4740	0.0348	0.2310
16	367	-341	0.4248	427	-381	0.4848	0.0600	0.1962
18	332	-294	0.3756	390	-328	0.4308	0.0552	0.1362
20	351	-315	0.3996	393	-335	0.4368	0.0372	0.0810
22	366	-329	0.4170	383	-322	0.4230	0.0060	0.0438
24	399	-365	0.4584	412	-354	0.4596	0.0012	0.0378
26	487	-462	0.5694	491	-450	0.5646	-0.0048	0.0366
28	548	-515	0.6378	560	-503	0.6378	0.0000	0.0414
30	607	-584	0.7146	627	-572	0.7194	0.0048	0.0414
32	647	-613	0.7560	658	-602	0.7560	0.0000	0.0366
34	618	-580	0.7188	631	-568	0.7194	0.0006	0.0366
36	525	-504	0.6174	530	-497	0.6162	-0.0012	0.0360
38	388	-355	0.4458	404	-346	0.4500	0.0042	0.0372
40	461	-435	0.5376	474	-438	0.5472	0.0096	0.0330
42	622	-586	0.7248	630	-575	0.7230	-0.0018	0.0234
44	710	-675	0.8310	726	-661	0.8322	0.0012	0.0252
46	741	-703	0.8664	758	-694	0.8712	0.0048	0.0240
48	761	-725	0.8916	778	-716	0.8964	0.0048	0.0192
50	728	-696	0.8544	747	-689	0.8616	0.0072	0.0144
52	660	-625	0.7710	676	-617	0.7758	0.0048	0.0072
54	569	-538	0.6642	572	-530	0.6612	-0.0030	0.0024
56	370	-364	0.4404	402	-366	0.4608	0.0204	0.0054
58	277	-277	0.3324	277	-254	0.3186	-0.0138	-0.0150
60	622	-616	0.7428	607	-570	0.7062	-0.0366	-0.0012
62	921	-892	1.0878	917	-867	1.0704	-0.0174	0.0354
64	854	-857	1.0266	877	-849	1.0356	0.0090	0.0528
66	630	-609	0.7434	651	-610	0.7566	0.0132	0.0438
68	569	-533	0.6612	581	-521	0.6612	0.0000	0.0306
70	595	-557	0.6912	607	-546	0.6918	0.0006	0.0306
72	627	-596	0.7338	637	-590	0.7362	0.0024	0.0300
74	837	-852	1.0134	844	-823	1.0002	-0.0132	0.0276
76	708	-698	0.8436	763	-722	0.8910	0.0474	0.0408
78	518	-484	0.6012	533	-474	0.6042	0.0030	-0.0066
80	452	-427	0.5274	471	-425	0.5376	0.0102	-0.0096
82	382	-343	0.4350	395	-335	0.4380	0.0030	-0.0198
84	403	-369	0.4632	410	-354	0.4584	-0.0048	-0.0228
86	501	-481	0.5892	506	-460	0.5796	-0.0096	-0.0180

**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 8/12/2009 3:12:48 PM  
**INITIAL SURVEY** 5/18/2009 5:05:57 PM  
**DATE PRINTED** 10/15/2009 10:56:17 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
88	587	-553	0.6840	587	-531	0.6708	-0.0132	-0.0084
90	656	-621	0.7662	668	-610	0.7668	0.0006	0.0048
92	661	-623	0.7704	673	-611	0.7704	0.0000	0.0042
94	629	-594	0.7338	645	-585	0.7380	0.0042	0.0042
96	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 9/9/2009 8:07:12 AM

**INITIAL SURVEY** 5/18/2009 5:05:57 PM

**DATE PRINTED** 10/15/2009 10:56:17 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
10	343	-305	0.3888	286	-227	0.3078	-0.0810	0.2256
12	367	-328	0.4170	392	-323	0.4290	0.0120	0.3066
14	385	-347	0.4392	437	-367	0.4824	0.0432	0.2946
16	367	-341	0.4248	430	-385	0.4890	0.0642	0.2514
18	332	-294	0.3756	394	-328	0.4332	0.0576	0.1872
20	351	-315	0.3996	397	-333	0.4380	0.0384	0.1296
22	366	-329	0.4170	383	-321	0.4224	0.0054	0.0912
24	399	-365	0.4584	417	-355	0.4632	0.0048	0.0858
26	487	-462	0.5694	497	-449	0.5676	-0.0018	0.0810
28	548	-515	0.6378	557	-503	0.6360	-0.0018	0.0828
30	607	-584	0.7146	633	-572	0.7230	0.0084	0.0846
32	647	-613	0.7560	662	-604	0.7596	0.0036	0.0762
34	618	-580	0.7188	634	-565	0.7194	0.0006	0.0726
36	525	-504	0.6174	532	-493	0.6150	-0.0024	0.0720
38	388	-355	0.4458	402	-344	0.4476	0.0018	0.0744
40	461	-435	0.5376	479	-436	0.5490	0.0114	0.0726
42	622	-586	0.7248	638	-573	0.7266	0.0018	0.0612
44	710	-675	0.8310	731	-659	0.8340	0.0030	0.0594
46	741	-703	0.8664	759	-693	0.8712	0.0048	0.0564
48	761	-725	0.8916	778	-715	0.8958	0.0042	0.0516
50	728	-696	0.8544	750	-689	0.8634	0.0090	0.0474
52	660	-625	0.7710	676	-620	0.7776	0.0066	0.0384
54	569	-538	0.6642	574	-531	0.6630	-0.0012	0.0318
56	370	-364	0.4404	402	-369	0.4626	0.0222	0.0330
58	277	-277	0.3324	281	-253	0.3204	-0.0120	0.0108
60	622	-616	0.7428	618	-575	0.7158	-0.0270	0.0228
62	921	-892	1.0878	918	-868	1.0716	-0.0162	0.0498
64	854	-857	1.0266	879	-846	1.0350	0.0084	0.0660
66	630	-609	0.7434	653	-619	0.7632	0.0198	0.0576
68	569	-533	0.6612	586	-521	0.6642	0.0030	0.0378
70	595	-557	0.6912	609	-546	0.6930	0.0018	0.0348
72	627	-596	0.7338	641	-591	0.7392	0.0054	0.0330
74	837	-852	1.0134	857	-825	1.0092	-0.0042	0.0276
76	708	-698	0.8436	756	-726	0.8892	0.0456	0.0318
78	518	-484	0.6012	532	-478	0.6060	0.0048	-0.0138
80	452	-427	0.5274	474	-418	0.5352	0.0078	-0.0186
82	382	-343	0.4350	398	-333	0.4386	0.0036	-0.0264
84	403	-369	0.4632	415	-357	0.4632	0.0000	-0.0300
86	501	-481	0.5892	498	-458	0.5736	-0.0156	-0.0300

**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 9/9/2009 8:07:12 AM  
**INITIAL SURVEY** 5/18/2009 5:05:57 PM  
**DATE PRINTED** 10/15/2009 10:56:17 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
88	587	-553	0.6840	577	-533	0.6660	-0.0180	-0.0144
90	656	-621	0.7662	667	-610	0.7662	0.0000	0.0036
92	661	-623	0.7704	677	-609	0.7716	0.0012	0.0036
94	629	-594	0.7338	646	-581	0.7362	0.0024	0.0024
96	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 2:00:06 PM

**INITIAL SURVEY** 5/18/2009 5:05:57 PM

**DATE PRINTED** 10/15/2009 10:56:17 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
10	343	-305	0.3888	252	-222	0.2844	-0.1044	0.1836
12	367	-328	0.4170	374	-324	0.4188	0.0018	0.2880
14	385	-347	0.4392	431	-371	0.4812	0.0420	0.2862
16	367	-341	0.4248	427	-383	0.4860	0.0612	0.2442
18	332	-294	0.3756	392	-331	0.4338	0.0582	0.1830
20	351	-315	0.3996	393	-337	0.4380	0.0384	0.1248
22	366	-329	0.4170	382	-323	0.4230	0.0060	0.0864
24	399	-365	0.4584	414	-357	0.4626	0.0042	0.0804
26	487	-462	0.5694	494	-453	0.5682	-0.0012	0.0762
28	548	-515	0.6378	562	-509	0.6426	0.0048	0.0774
30	607	-584	0.7146	626	-574	0.7200	0.0054	0.0726
32	647	-613	0.7560	653	-605	0.7548	-0.0012	0.0672
34	618	-580	0.7188	629	-571	0.7200	0.0012	0.0684
36	525	-504	0.6174	529	-496	0.6150	-0.0024	0.0672
38	388	-355	0.4458	400	-349	0.4494	0.0036	0.0696
40	461	-435	0.5376	473	-437	0.5460	0.0084	0.0660
42	622	-586	0.7248	633	-577	0.7260	0.0012	0.0576
44	710	-675	0.8310	727	-663	0.8340	0.0030	0.0564
46	741	-703	0.8664	755	-698	0.8718	0.0054	0.0534
48	761	-725	0.8916	776	-720	0.8976	0.0060	0.0480
50	728	-696	0.8544	749	-696	0.8670	0.0126	0.0420
52	660	-625	0.7710	673	-619	0.7752	0.0042	0.0294
54	569	-538	0.6642	572	-539	0.6666	0.0024	0.0252
56	370	-364	0.4404	402	-366	0.4608	0.0204	0.0228
58	277	-277	0.3324	276	-256	0.3192	-0.0132	0.0024
60	622	-616	0.7428	613	-581	0.7164	-0.0264	0.0156
62	921	-892	1.0878	921	-871	1.0752	-0.0126	0.0420
64	854	-857	1.0266	875	-848	1.0338	0.0072	0.0546
66	630	-609	0.7434	650	-614	0.7584	0.0150	0.0474
68	569	-533	0.6612	571	-524	0.6570	-0.0042	0.0324
70	595	-557	0.6912	606	-547	0.6918	0.0006	0.0366
72	627	-596	0.7338	637	-595	0.7392	0.0054	0.0360
74	837	-852	1.0134	846	-829	1.0050	-0.0084	0.0306
76	708	-698	0.8436	753	-723	0.8856	0.0420	0.0390
78	518	-484	0.6012	529	-477	0.6036	0.0024	-0.0030
80	452	-427	0.5274	468	-423	0.5346	0.0072	-0.0054
82	382	-343	0.4350	394	-339	0.4398	0.0048	-0.0126
84	403	-369	0.4632	411	-358	0.4614	-0.0018	-0.0174
86	501	-481	0.5892	509	-462	0.5826	-0.0066	-0.0156

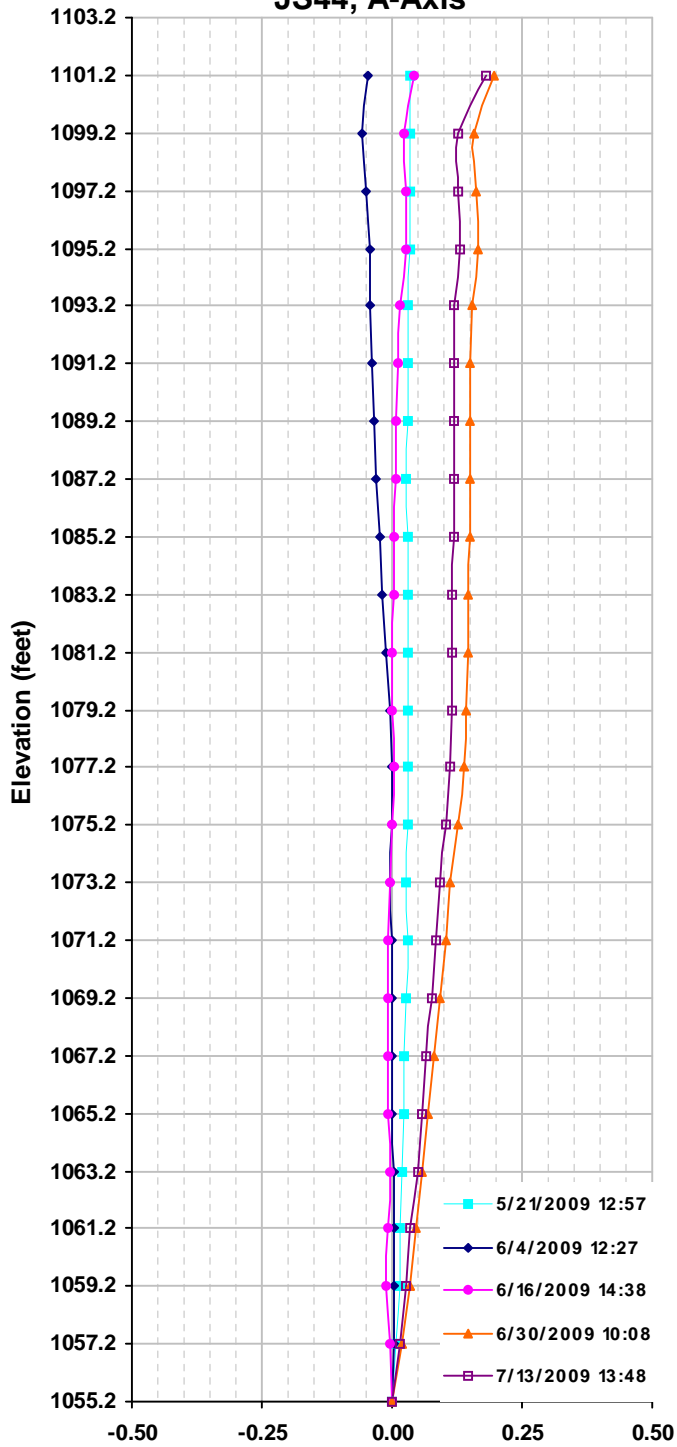
**SITE** JSF  
**INSTALLATION** JS38  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 2:00:06 PM  
**INITIAL SURVEY** 5/18/2009 5:05:57 PM  
**DATE PRINTED** 10/15/2009 10:56:17 AM

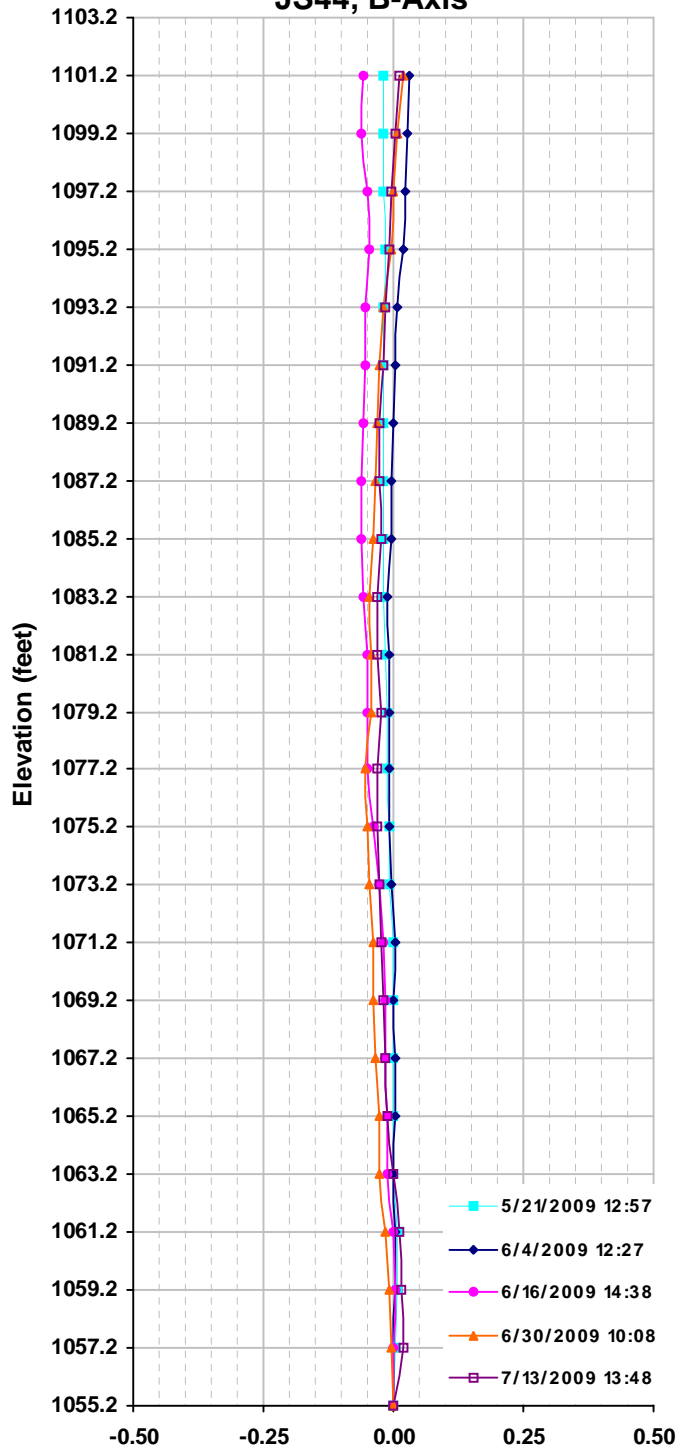
Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
88	587	-553	0.6840	586	-539	0.6750	-0.0090	-0.0090
90	656	-621	0.7662	665	-614	0.7674	0.0012	0.0000
92	661	-623	0.7704	671	-613	0.7704	0.0000	-0.0012
94	629	-594	0.7338	639	-582	0.7326	-0.0012	-0.0012
96	0	0	0.0000	0	0	0.0000	0.0000	0.0000

### JS44, A-Axis

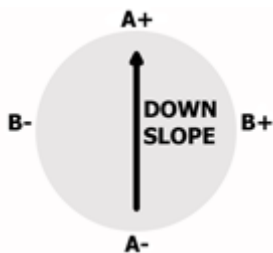


### JS44, B-Axis



Cumulative Displacement (in) from 5/18/2009

Cumulative Displacement (in) from 5/18/2009



John Sevier Fossil Plant

Rogersville, TN

175569038

7/16/2009



**SITE** JSF  
**INSTALLATION** JS44  
**DESCRIPTION**

**CURRENT SURVEY** 5/21/2009 12:57:27 PM

**INITIAL SURVEY** 5/18/2009 3:38:24 PM

**DATE PRINTED** 7/15/2009 11:00:39 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-638	653	-0.7746	-635	654	-0.7734	0.0012	0.0348
4	-674	690	-0.8184	-671	693	-0.8184	0.0000	0.0336
6	-631	648	-0.7674	-629	651	-0.7680	-0.0006	0.0336
8	-522	541	-0.6378	-519	541	-0.6360	0.0018	0.0342
10	-448	465	-0.5478	-445	466	-0.5466	0.0012	0.0324
12	-393	409	-0.4812	-390	409	-0.4794	0.0018	0.0312
14	-310	326	-0.3816	-307	328	-0.3810	0.0006	0.0294
16	-238	255	-0.2958	-237	257	-0.2964	-0.0006	0.0288
18	-137	157	-0.1764	-137	158	-0.1770	-0.0006	0.0294
20	-11	25	-0.0216	-7	31	-0.0228	-0.0012	0.0300
22	55	-38	0.0558	57	-37	0.0564	0.0006	0.0312
24	115	-99	0.1284	118	-97	0.1290	0.0006	0.0306
26	174	-150	0.1944	174	-148	0.1932	-0.0012	0.0300
28	305	-279	0.3504	309	-281	0.3540	0.0036	0.0312
30	449	-438	0.5322	452	-431	0.5298	-0.0024	0.0276
32	571	-551	0.6732	575	-551	0.6756	0.0024	0.0300
34	577	-559	0.6816	582	-560	0.6852	0.0036	0.0276
36	586	-567	0.6918	589	-568	0.6942	0.0024	0.0240
38	611	-594	0.7230	619	-593	0.7272	0.0042	0.0216
40	683	-658	0.8046	686	-658	0.8064	0.0018	0.0174
42	722	-699	0.8526	726	-698	0.8544	0.0018	0.0156
44	732	-712	0.8664	738	-716	0.8724	0.0060	0.0138
46	639	-618	0.7542	646	-624	0.7620	0.0078	0.0078
48	0	0	0.0000	621	-595	0.7296	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS44  
**DESCRIPTION**

**CURRENT SURVEY** 6/4/2009 12:27:12 PM

**INITIAL SURVEY** 5/18/2009 3:38:24 PM

**DATE PRINTED** 7/15/2009 11:00:39 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-638	653	-0.7746	-621	653	-0.7644	0.0102	-0.0468
4	-674	690	-0.8184	-668	706	-0.8244	-0.0060	-0.0570
6	-631	648	-0.7674	-629	663	-0.7752	-0.0078	-0.0510
8	-522	541	-0.6378	-514	549	-0.6378	0.0000	-0.0432
10	-448	465	-0.5478	-443	478	-0.5526	-0.0048	-0.0432
12	-393	409	-0.4812	-389	421	-0.4860	-0.0048	-0.0384
14	-310	326	-0.3816	-305	338	-0.3858	-0.0042	-0.0336
16	-238	255	-0.2958	-234	268	-0.3012	-0.0054	-0.0294
18	-137	157	-0.1764	-134	169	-0.1818	-0.0054	-0.0240
20	-11	25	-0.0216	-6	41	-0.0282	-0.0066	-0.0186
22	55	-38	0.0558	60	-21	0.0486	-0.0072	-0.0120
24	115	-99	0.1284	121	-86	0.1242	-0.0042	-0.0048
26	174	-150	0.1944	177	-149	0.1956	0.0012	-0.0006
28	305	-279	0.3504	312	-277	0.3534	0.0030	-0.0018
30	449	-438	0.5322	455	-424	0.5274	-0.0048	-0.0048
32	571	-551	0.6732	580	-539	0.6714	-0.0018	0.0000
34	577	-559	0.6816	589	-551	0.6840	0.0024	0.0018
36	586	-567	0.6918	594	-558	0.6912	-0.0006	-0.0006
38	611	-594	0.7230	621	-580	0.7206	-0.0024	0.0000
40	683	-658	0.8046	690	-651	0.8046	0.0000	0.0024
42	722	-699	0.8526	730	-688	0.8508	-0.0018	0.0024
44	732	-712	0.8664	738	-707	0.8670	0.0006	0.0042
46	639	-618	0.7542	649	-614	0.7578	0.0036	0.0036
48	0	0	0.0000	622	-587	0.7254	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS44  
**DESCRIPTION**

**CURRENT SURVEY** 6/16/2009 2:38:00 PM

**INITIAL SURVEY** 5/18/2009 3:38:24 PM

**DATE PRINTED** 7/15/2009 11:00:39 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-638	653	-0.7746	-637	623	-0.7560	0.0186	0.0414
4	-674	690	-0.8184	-691	679	-0.8220	-0.0036	0.0228
6	-631	648	-0.7674	-645	632	-0.7662	0.0012	0.0264
8	-522	541	-0.6378	-532	517	-0.6294	0.0084	0.0252
10	-448	465	-0.5478	-458	447	-0.5430	0.0048	0.0168
12	-393	409	-0.4812	-404	392	-0.4776	0.0036	0.0120
14	-310	326	-0.3816	-324	309	-0.3798	0.0018	0.0084
16	-238	255	-0.2958	-252	239	-0.2946	0.0012	0.0066
18	-137	157	-0.1764	-153	138	-0.1746	0.0018	0.0054
20	-11	25	-0.0216	-23	7	-0.0180	0.0036	0.0036
22	55	-38	0.0558	39	-52	0.0546	-0.0012	0.0000
24	115	-99	0.1284	98	-114	0.1272	-0.0012	0.0012
26	174	-150	0.1944	155	-170	0.1950	0.0006	0.0024
28	305	-279	0.3504	288	-303	0.3546	0.0042	0.0018
30	449	-438	0.5322	432	-461	0.5358	0.0036	-0.0024
32	571	-551	0.6732	556	-568	0.6744	0.0012	-0.0060
34	577	-559	0.6816	560	-575	0.6810	-0.0006	-0.0072
36	586	-567	0.6918	568	-584	0.6912	-0.0006	-0.0066
38	611	-594	0.7230	594	-608	0.7212	-0.0018	-0.0060
40	683	-658	0.8046	664	-685	0.8094	0.0048	-0.0042
42	722	-699	0.8526	707	-717	0.8544	0.0018	-0.0090
44	732	-712	0.8664	708	-725	0.8598	-0.0066	-0.0108
46	639	-618	0.7542	620	-630	0.7500	-0.0042	-0.0042
48	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS44  
**DESCRIPTION**

**CURRENT SURVEY** 6/30/2009 10:08:18 AM

**INITIAL SURVEY** 5/18/2009 3:38:24 PM

**DATE PRINTED** 7/15/2009 11:00:39 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-638	653	-0.7746	-610	621	-0.7386	0.0360	0.1956
4	-674	690	-0.8184	-676	691	-0.8202	-0.0018	0.1596
6	-631	648	-0.7674	-638	649	-0.7722	-0.0048	0.1614
8	-522	541	-0.6378	-515	527	-0.6252	0.0126	0.1662
10	-448	465	-0.5478	-449	461	-0.5460	0.0018	0.1536
12	-393	409	-0.4812	-395	405	-0.4800	0.0012	0.1518
14	-310	326	-0.3816	-312	322	-0.3804	0.0012	0.1506
16	-238	255	-0.2958	-240	251	-0.2946	0.0012	0.1494
18	-137	157	-0.1764	-141	152	-0.1758	0.0006	0.1482
20	-11	25	-0.0216	-11	21	-0.0192	0.0024	0.1476
22	55	-38	0.0558	55	-41	0.0576	0.0018	0.1452
24	115	-99	0.1284	117	-107	0.1344	0.0060	0.1434
26	174	-150	0.1944	174	-168	0.2052	0.0108	0.1374
28	305	-279	0.3504	308	-298	0.3636	0.0132	0.1266
30	449	-438	0.5322	454	-447	0.5406	0.0084	0.1134
32	571	-551	0.6732	578	-562	0.6840	0.0108	0.1050
34	577	-559	0.6816	587	-571	0.6948	0.0132	0.0942
36	586	-567	0.6918	593	-578	0.7026	0.0108	0.0810
38	611	-594	0.7230	621	-602	0.7338	0.0108	0.0702
40	683	-658	0.8046	690	-675	0.8190	0.0144	0.0594
42	722	-699	0.8526	730	-710	0.8640	0.0114	0.0450
44	732	-712	0.8664	744	-727	0.8826	0.0162	0.0336
46	639	-618	0.7542	651	-635	0.7716	0.0174	0.0174
48	0	0	0.0000	623	-613	0.7416	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS44  
**DESCRIPTION**

**CURRENT SURVEY** 7/13/2009 1:48:23 PM

**INITIAL SURVEY** 5/18/2009 3:38:24 PM

**DATE PRINTED** 7/15/2009 11:00:39 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-638	653	-0.7746	-598	603	-0.7206	0.0540	0.1806
4	-674	690	-0.8184	-678	687	-0.8190	-0.0006	0.1266
6	-631	648	-0.7674	-638	650	-0.7728	-0.0054	0.1272
8	-522	541	-0.6378	-515	526	-0.6246	0.0132	0.1326
10	-448	465	-0.5478	-450	461	-0.5466	0.0012	0.1194
12	-393	409	-0.4812	-395	406	-0.4806	0.0006	0.1182
14	-310	326	-0.3816	-315	322	-0.3822	-0.0006	0.1176
16	-238	255	-0.2958	-242	252	-0.2964	-0.0006	0.1182
18	-137	157	-0.1764	-138	153	-0.1746	0.0018	0.1188
20	-11	25	-0.0216	-13	21	-0.0204	0.0012	0.1170
22	55	-38	0.0558	55	-40	0.0570	0.0012	0.1158
24	115	-99	0.1284	114	-105	0.1314	0.0030	0.1146
26	174	-150	0.1944	172	-165	0.2022	0.0078	0.1116
28	305	-279	0.3504	308	-297	0.3630	0.0126	0.1038
30	449	-438	0.5322	450	-449	0.5394	0.0072	0.0912
32	571	-551	0.6732	575	-561	0.6816	0.0084	0.0840
34	577	-559	0.6816	582	-571	0.6918	0.0102	0.0756
36	586	-567	0.6918	589	-578	0.7002	0.0084	0.0654
38	611	-594	0.7230	621	-598	0.7314	0.0084	0.0570
40	683	-658	0.8046	686	-677	0.8178	0.0132	0.0486
42	722	-699	0.8526	725	-709	0.8604	0.0078	0.0354
44	732	-712	0.8664	738	-726	0.8784	0.0120	0.0276
46	639	-618	0.7542	646	-637	0.7698	0.0156	0.0156
48	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS44  
**DESCRIPTION**

**CURRENT SURVEY** 5/21/2009 12:57:27 PM

**INITIAL SURVEY** 5/18/2009 3:38:24 PM

**DATE PRINTED** 7/15/2009 11:00:48 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-496	530	-0.6156	-494	530	-0.6144	0.0012	-0.0186
4	-367	382	-0.4494	-363	387	-0.4500	-0.0006	-0.0198
6	-127	140	-0.1602	-126	145	-0.1626	-0.0024	-0.0192
8	53	-22	0.0450	56	-20	0.0456	0.0006	-0.0168
10	102	-77	0.1074	106	-74	0.1080	0.0006	-0.0174
12	127	-91	0.1308	130	-89	0.1314	0.0006	-0.0180
14	175	-135	0.1860	178	-134	0.1872	0.0012	-0.0186
16	249	-211	0.2760	250	-209	0.2754	-0.0006	-0.0198
18	329	-311	0.3840	331	-306	0.3822	-0.0018	-0.0192
20	544	-521	0.6390	543	-517	0.6360	-0.0030	-0.0174
22	677	-646	0.7938	678	-642	0.7920	-0.0018	-0.0144
24	794	-756	0.9300	797	-753	0.9300	0.0000	-0.0126
26	915	-913	1.0968	918	-905	1.0938	-0.0030	-0.0126
28	1143	-1141	1.3704	1143	-1137	1.3680	-0.0024	-0.0096
30	1463	-1441	1.7424	1460	-1435	1.7370	-0.0054	-0.0072
32	1556	-1521	1.8462	1557	-1519	1.8456	-0.0006	-0.0018
34	1596	-1556	1.8912	1597	-1555	1.8912	0.0000	-0.0012
36	1626	-1583	1.9254	1623	-1582	1.9230	-0.0024	-0.0012
38	1631	-1602	1.9398	1633	-1599	1.9392	-0.0006	0.0012
40	1753	-1723	2.0856	1746	-1723	2.0814	-0.0042	0.0018
42	1823	-1790	2.1678	1822	-1789	2.1666	-0.0012	0.0060
44	1833	-1799	2.1792	1837	-1799	2.1816	0.0024	0.0072
46	1755	-1717	2.0832	1757	-1723	2.0880	0.0048	0.0048
48	0	0	0.0000	1705	-1735	2.0640	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS44  
**DESCRIPTION**

**CURRENT SURVEY** 6/4/2009 12:27:12 PM

**INITIAL SURVEY** 5/18/2009 3:38:24 PM

**DATE PRINTED** 7/15/2009 11:00:48 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-496	530	-0.6156	-496	526	-0.6132	0.0024	0.0312
4	-367	382	-0.4494	-368	372	-0.4440	0.0054	0.0288
6	-127	140	-0.1602	-127	131	-0.1548	0.0054	0.0234
8	53	-22	0.0450	60	-34	0.0564	0.0114	0.0180
10	102	-77	0.1074	102	-80	0.1092	0.0018	0.0066
12	127	-91	0.1308	127	-97	0.1344	0.0036	0.0048
14	175	-135	0.1860	177	-140	0.1902	0.0042	0.0012
16	249	-211	0.2760	247	-215	0.2772	0.0012	-0.0030
18	329	-311	0.3840	330	-321	0.3906	0.0066	-0.0042
20	544	-521	0.6390	538	-521	0.6354	-0.0036	-0.0108
22	677	-646	0.7938	674	-649	0.7938	0.0000	-0.0072
24	794	-756	0.9300	791	-761	0.9312	0.0012	-0.0072
26	915	-913	1.0968	914	-913	1.0962	-0.0006	-0.0084
28	1143	-1141	1.3704	1139	-1139	1.3668	-0.0036	-0.0078
30	1463	-1441	1.7424	1454	-1439	1.7358	-0.0066	-0.0042
32	1556	-1521	1.8462	1553	-1525	1.8468	0.0006	0.0024
34	1596	-1556	1.8912	1591	-1560	1.8906	-0.0006	0.0018
36	1626	-1583	1.9254	1618	-1589	1.9242	-0.0012	0.0024
38	1631	-1602	1.9398	1630	-1609	1.9434	0.0036	0.0036
40	1753	-1723	2.0856	1743	-1724	2.0802	-0.0054	0.0000
42	1823	-1790	2.1678	1820	-1794	2.1684	0.0006	0.0054
44	1833	-1799	2.1792	1836	-1802	2.1828	0.0036	0.0048
46	1755	-1717	2.0832	1754	-1720	2.0844	0.0012	0.0012
48	0	0	0.0000	1702	-1737	2.0634	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS44  
**DESCRIPTION**

**CURRENT SURVEY** 6/16/2009 2:38:00 PM

**INITIAL SURVEY** 5/18/2009 3:38:24 PM

**DATE PRINTED** 7/15/2009 11:00:48 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-496	530	-0.6156	-511	509	-0.6120	0.0036	-0.0594
4	-367	382	-0.4494	-386	383	-0.4614	-0.0120	-0.0630
6	-127	140	-0.1602	-140	136	-0.1656	-0.0054	-0.0510
8	53	-22	0.0450	41	-48	0.0534	0.0084	-0.0456
10	102	-77	0.1074	91	-89	0.1080	0.0006	-0.0540
12	127	-91	0.1308	112	-112	0.1344	0.0036	-0.0546
14	175	-135	0.1860	157	-157	0.1884	0.0024	-0.0582
16	249	-211	0.2760	232	-232	0.2784	0.0024	-0.0606
18	329	-311	0.3840	313	-317	0.3780	-0.0060	-0.0630
20	544	-521	0.6390	530	-526	0.6336	-0.0054	-0.0570
22	677	-646	0.7938	661	-659	0.7920	-0.0018	-0.0516
24	794	-756	0.9300	776	-776	0.9312	0.0012	-0.0498
26	915	-913	1.0968	904	-904	1.0848	-0.0120	-0.0510
28	1143	-1141	1.3704	1131	-1132	1.3578	-0.0126	-0.0390
30	1463	-1441	1.7424	1450	-1442	1.7352	-0.0072	-0.0264
32	1556	-1521	1.8462	1536	-1537	1.8438	-0.0024	-0.0192
34	1596	-1556	1.8912	1576	-1575	1.8906	-0.0006	-0.0168
36	1626	-1583	1.9254	1603	-1600	1.9218	-0.0036	-0.0162
38	1631	-1602	1.9398	1613	-1618	1.9386	-0.0012	-0.0126
40	1753	-1723	2.0856	1734	-1726	2.0760	-0.0096	-0.0114
42	1823	-1790	2.1678	1803	-1803	2.1636	-0.0042	-0.0018
44	1833	-1799	2.1792	1819	-1817	2.1816	0.0024	0.0024
46	1755	-1717	2.0832	1737	-1735	2.0832	0.0000	0.0000
48	0	0	0.0000	0	0	0.0000	0.0000	0.0000



**SITE** JSF  
**INSTALLATION** JS44  
**DESCRIPTION**

**CURRENT SURVEY** 6/30/2009 10:08:18 AM

**INITIAL SURVEY** 5/18/2009 3:38:24 PM

**DATE PRINTED** 7/15/2009 11:00:48 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-496	530	-0.6156	-482	531	-0.6078	0.0078	0.0174
4	-367	382	-0.4494	-357	378	-0.4410	0.0084	0.0096
6	-127	140	-0.1602	-115	141	-0.1536	0.0066	0.0012
8	53	-22	0.0450	77	-22	0.0594	0.0144	-0.0054
10	102	-77	0.1074	117	-71	0.1128	0.0054	-0.0198
12	127	-91	0.1308	141	-87	0.1368	0.0060	-0.0252
14	175	-135	0.1860	189	-129	0.1908	0.0048	-0.0312
16	249	-211	0.2760	258	-204	0.2772	0.0012	-0.0360
18	329	-311	0.3840	341	-311	0.3912	0.0072	-0.0372
20	544	-521	0.6390	550	-511	0.6366	-0.0024	-0.0444
22	677	-646	0.7938	687	-638	0.7950	0.0012	-0.0420
24	794	-756	0.9300	806	-761	0.9402	0.0102	-0.0432
26	915	-913	1.0968	926	-899	1.0950	-0.0018	-0.0534
28	1143	-1141	1.3704	1150	-1126	1.3656	-0.0048	-0.0516
30	1463	-1441	1.7424	1468	-1424	1.7352	-0.0072	-0.0468
32	1556	-1521	1.8462	1562	-1511	1.8438	-0.0024	-0.0396
34	1596	-1556	1.8912	1601	-1545	1.8876	-0.0036	-0.0372
36	1626	-1583	1.9254	1626	-1572	1.9188	-0.0066	-0.0336
38	1631	-1602	1.9398	1638	-1593	1.9386	-0.0012	-0.0270
40	1753	-1723	2.0856	1750	-1709	2.0754	-0.0102	-0.0258
42	1823	-1790	2.1678	1825	-1778	2.1618	-0.0060	-0.0156
44	1833	-1799	2.1792	1838	-1786	2.1744	-0.0048	-0.0096
46	1755	-1717	2.0832	1759	-1705	2.0784	-0.0048	-0.0048
48	0	0	0.0000	1711	-1727	2.0628	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS44  
**DESCRIPTION**

**CURRENT SURVEY** 7/13/2009 1:48:23 PM

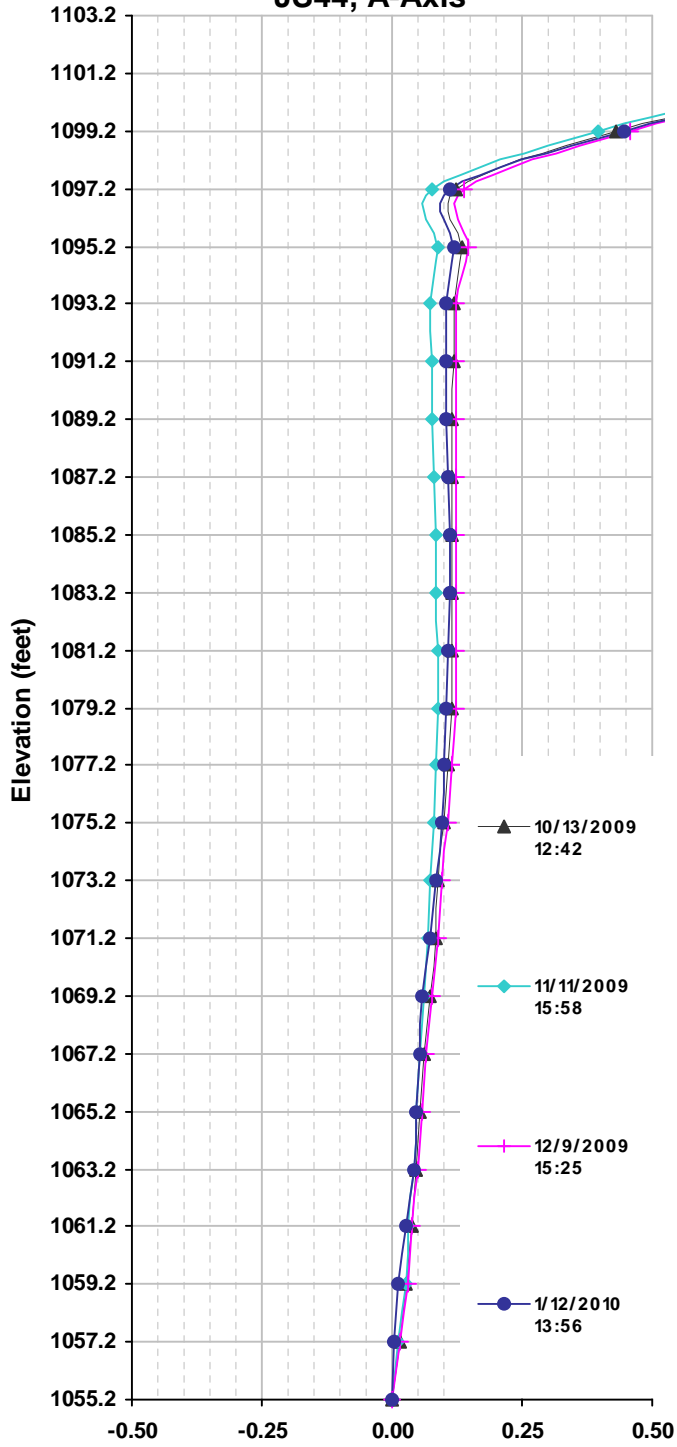
**INITIAL SURVEY** 5/18/2009 3:38:24 PM

**DATE PRINTED** 7/15/2009 11:00:48 AM

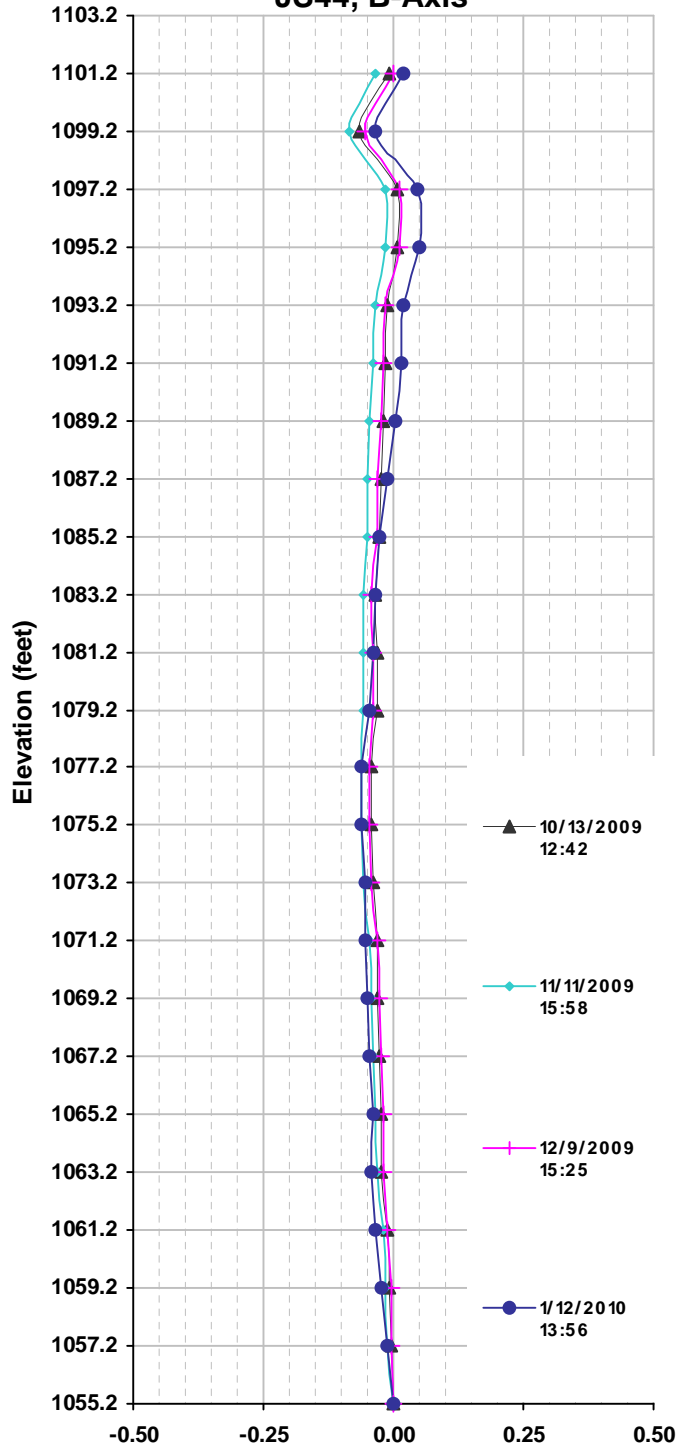
Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-496	530	-0.6156	-485	530	-0.6090	0.0066	0.0102
4	-367	382	-0.4494	-353	384	-0.4422	0.0072	0.0036
6	-127	140	-0.1602	-116	147	-0.1578	0.0024	-0.0036
8	53	-22	0.0450	69	-21	0.0540	0.0090	-0.0060
10	102	-77	0.1074	119	-69	0.1128	0.0054	-0.0150
12	127	-91	0.1308	137	-90	0.1362	0.0054	-0.0204
14	175	-135	0.1860	182	-129	0.1866	0.0006	-0.0258
16	249	-211	0.2760	252	-204	0.2736	-0.0024	-0.0264
18	329	-311	0.3840	339	-311	0.3900	0.0060	-0.0240
20	544	-521	0.6390	555	-510	0.6390	0.0000	-0.0300
22	677	-646	0.7938	674	-638	0.7872	-0.0066	-0.0300
24	794	-756	0.9300	804	-757	0.9366	0.0066	-0.0234
26	915	-913	1.0968	929	-901	1.0980	0.0012	-0.0300
28	1143	-1141	1.3704	1152	-1123	1.3650	-0.0054	-0.0312
30	1463	-1441	1.7424	1473	-1424	1.7382	-0.0042	-0.0258
32	1556	-1521	1.8462	1562	-1510	1.8432	-0.0030	-0.0216
34	1596	-1556	1.8912	1601	-1545	1.8876	-0.0036	-0.0186
36	1626	-1583	1.9254	1626	-1575	1.9206	-0.0048	-0.0150
38	1631	-1602	1.9398	1621	-1597	1.9308	-0.0090	-0.0102
40	1753	-1723	2.0856	1745	-1709	2.0724	-0.0132	-0.0012
42	1823	-1790	2.1678	1830	-1777	2.1642	-0.0036	0.0120
44	1833	-1799	2.1792	1841	-1783	2.1744	-0.0048	0.0156
46	1755	-1717	2.0832	1759	-1747	2.1036	0.0204	0.0204
48	0	0	0.0000	0	0	0.0000	0.0000	0.0000

### JS44, A-Axis

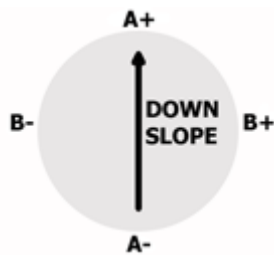


### JS44, B-Axis



Cumulative Displacement (in) from 5/18/2009

Cumulative Displacement (in) from 5/18/2009



John Sevier Fossil Plant

Rogersville, TN

175569038

1/14/2010

**SITE** JSF  
**INSTALLATION** JS44  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 12:42:41 PM

**INITIAL SURVEY** 5/18/2009 3:38:24 PM

**DATE PRINTED** 1/14/2010 10:23:07 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-638	653	-0.7746	-240	252	-0.2952	0.4794	0.9114
4	-674	690	-0.8184	-418	433	-0.5106	0.3078	0.4320
6	-631	648	-0.7674	-643	655	-0.7788	-0.0114	0.1242
8	-522	541	-0.6378	-511	524	-0.6210	0.0168	0.1356
10	-448	465	-0.5478	-449	462	-0.5466	0.0012	0.1188
12	-393	409	-0.4812	-394	405	-0.4794	0.0018	0.1176
14	-310	326	-0.3816	-312	323	-0.3810	0.0006	0.1158
16	-238	255	-0.2958	-240	253	-0.2958	0.0000	0.1152
18	-137	157	-0.1764	-140	155	-0.1770	-0.0006	0.1152
20	-11	25	-0.0216	-11	23	-0.0204	0.0012	0.1158
22	55	-38	0.0558	54	-39	0.0558	0.0000	0.1146
24	115	-99	0.1284	117	-106	0.1338	0.0054	0.1146
26	174	-150	0.1944	174	-165	0.2034	0.0090	0.1092
28	305	-279	0.3504	307	-294	0.3606	0.0102	0.1002
30	449	-438	0.5322	451	-445	0.5376	0.0054	0.0900
32	571	-551	0.6732	578	-561	0.6834	0.0102	0.0846
34	577	-559	0.6816	585	-570	0.6930	0.0114	0.0744
36	586	-567	0.6918	591	-576	0.7002	0.0084	0.0630
38	611	-594	0.7230	618	-599	0.7302	0.0072	0.0546
40	683	-658	0.8046	687	-672	0.8154	0.0108	0.0474
42	722	-699	0.8526	727	-708	0.8610	0.0084	0.0366
44	732	-712	0.8664	742	-726	0.8808	0.0144	0.0282
46	639	-618	0.7542	647	-633	0.7680	0.0138	0.0138
48	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS44  
**DESCRIPTION**

**CURRENT SURVEY** 11/11/2009 3:58:54 PM

**INITIAL SURVEY** 5/18/2009 3:38:24 PM

**DATE PRINTED** 1/14/2010 10:23:07 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-638	653	-0.7746	-285	295	-0.3480	0.4266	0.8232
4	-674	690	-0.8184	-410	423	-0.4998	0.3186	0.3966
6	-631	648	-0.7674	-643	655	-0.7788	-0.0114	0.0780
8	-522	541	-0.6378	-513	524	-0.6222	0.0156	0.0894
10	-448	465	-0.5478	-452	465	-0.5502	-0.0024	0.0738
12	-393	409	-0.4812	-397	407	-0.4824	-0.0012	0.0762
14	-310	326	-0.3816	-316	327	-0.3858	-0.0042	0.0774
16	-238	255	-0.2958	-243	254	-0.2982	-0.0024	0.0816
18	-137	157	-0.1764	-143	155	-0.1788	-0.0024	0.0840
20	-11	25	-0.0216	-14	25	-0.0234	-0.0018	0.0864
22	55	-38	0.0558	52	-39	0.0546	-0.0012	0.0882
24	115	-99	0.1284	115	-104	0.1314	0.0030	0.0894
26	174	-150	0.1944	170	-164	0.2004	0.0060	0.0864
28	305	-279	0.3504	303	-295	0.3588	0.0084	0.0804
30	449	-438	0.5322	449	-441	0.5340	0.0018	0.0720
32	571	-551	0.6732	575	-561	0.6816	0.0084	0.0702
34	577	-559	0.6816	583	-569	0.6912	0.0096	0.0618
36	586	-567	0.6918	587	-576	0.6978	0.0060	0.0522
38	611	-594	0.7230	615	-598	0.7278	0.0048	0.0462
40	683	-658	0.8046	685	-671	0.8136	0.0090	0.0414
42	722	-699	0.8526	725	-707	0.8592	0.0066	0.0324
44	732	-712	0.8664	740	-726	0.8796	0.0132	0.0258
46	639	-618	0.7542	647	-631	0.7668	0.0126	0.0126
48	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS44  
**DESCRIPTION**

**CURRENT SURVEY** 12/9/2009 3:25:33 PM

**INITIAL SURVEY** 5/18/2009 3:38:24 PM

**DATE PRINTED** 1/14/2010 10:23:07 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-638	653	-0.7746	-281	293	-0.3444	0.4302	0.8874
4	-674	690	-0.8184	-406	424	-0.4980	0.3204	0.4572
6	-631	648	-0.7674	-638	655	-0.7758	-0.0084	0.1368
8	-522	541	-0.6378	-506	522	-0.6168	0.0210	0.1452
10	-448	465	-0.5478	-449	463	-0.5472	0.0006	0.1242
12	-393	409	-0.4812	-392	406	-0.4788	0.0024	0.1236
14	-310	326	-0.3816	-311	325	-0.3816	0.0000	0.1212
16	-238	255	-0.2958	-241	254	-0.2970	-0.0012	0.1212
18	-137	157	-0.1764	-140	155	-0.1770	-0.0006	0.1224
20	-11	25	-0.0216	-10	24	-0.0204	0.0012	0.1230
22	55	-38	0.0558	55	-37	0.0552	-0.0006	0.1218
24	115	-99	0.1284	119	-104	0.1338	0.0054	0.1224
26	174	-150	0.1944	176	-165	0.2046	0.0102	0.1170
28	305	-279	0.3504	309	-295	0.3624	0.0120	0.1068
30	449	-438	0.5322	454	-441	0.5370	0.0048	0.0948
32	571	-551	0.6732	581	-561	0.6852	0.0120	0.0900
34	577	-559	0.6816	586	-570	0.6936	0.0120	0.0780
36	586	-567	0.6918	593	-576	0.7014	0.0096	0.0660
38	611	-594	0.7230	620	-596	0.7296	0.0066	0.0564
40	683	-658	0.8046	689	-670	0.8154	0.0108	0.0498
42	722	-699	0.8526	730	-707	0.8622	0.0096	0.0390
44	732	-712	0.8664	743	-726	0.8814	0.0150	0.0294
46	639	-618	0.7542	650	-631	0.7686	0.0144	0.0144
48	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS44  
**DESCRIPTION**

**CURRENT SURVEY** 1/12/2010 1:56:26 PM

**INITIAL SURVEY** 5/18/2009 3:38:24 PM

**DATE PRINTED** 1/14/2010 10:23:07 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-638	653	-0.7746	-275	272	-0.3282	0.4464	0.8910
4	-674	690	-0.8184	-407	405	-0.4872	0.3312	0.4446
6	-631	648	-0.7674	-645	645	-0.7740	-0.0066	0.1134
8	-522	541	-0.6378	-517	516	-0.6198	0.0180	0.1200
10	-448	465	-0.5478	-459	457	-0.5496	-0.0018	0.1020
12	-393	409	-0.4812	-402	402	-0.4824	-0.0012	0.1038
14	-310	326	-0.3816	-322	320	-0.3852	-0.0036	0.1050
16	-238	255	-0.2958	-248	247	-0.2970	-0.0012	0.1086
18	-137	157	-0.1764	-147	148	-0.1770	-0.0006	0.1098
20	-11	25	-0.0216	-19	13	-0.0192	0.0024	0.1104
22	55	-38	0.0558	49	-49	0.0588	0.0030	0.1080
24	115	-99	0.1284	110	-111	0.1326	0.0042	0.1050
26	174	-150	0.1944	167	-167	0.2004	0.0060	0.1008
28	305	-279	0.3504	304	-300	0.3624	0.0120	0.0948
30	449	-438	0.5322	442	-460	0.5412	0.0090	0.0828
32	571	-551	0.6732	571	-575	0.6876	0.0144	0.0738
34	577	-559	0.6816	572	-573	0.6870	0.0054	0.0594
36	586	-567	0.6918	580	-585	0.6990	0.0072	0.0540
38	611	-594	0.7230	606	-609	0.7290	0.0060	0.0468
40	683	-658	0.8046	678	-688	0.8196	0.0150	0.0408
42	722	-699	0.8526	721	-723	0.8664	0.0138	0.0258
44	732	-712	0.8664	724	-731	0.8730	0.0066	0.0120
46	639	-618	0.7542	634	-632	0.7596	0.0054	0.0054
48	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS44  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 12:42:41 PM

**INITIAL SURVEY** 5/18/2009 3:38:24 PM

**DATE PRINTED** 1/14/2010 10:23:14 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-496	530	-0.6156	-441	495	-0.5616	0.0540	-0.0096
4	-367	382	-0.4494	-423	448	-0.5226	-0.0732	-0.0636
6	-127	140	-0.1602	-117	144	-0.1566	0.0036	0.0096
8	53	-22	0.0450	81	-23	0.0624	0.0174	0.0060
10	102	-77	0.1074	117	-69	0.1116	0.0042	-0.0114
12	127	-91	0.1308	141	-85	0.1356	0.0048	-0.0156
14	175	-135	0.1860	191	-126	0.1902	0.0042	-0.0204
16	249	-211	0.2760	263	-202	0.2790	0.0030	-0.0246
18	329	-311	0.3840	341	-310	0.3906	0.0066	-0.0276
20	544	-521	0.6390	551	-507	0.6348	-0.0042	-0.0342
22	677	-646	0.7938	689	-637	0.7956	0.0018	-0.0300
24	794	-756	0.9300	807	-759	0.9396	0.0096	-0.0318
26	915	-913	1.0968	930	-902	1.0992	0.0024	-0.0414
28	1143	-1141	1.3704	1152	-1125	1.3662	-0.0042	-0.0438
30	1463	-1441	1.7424	1468	-1421	1.7334	-0.0090	-0.0396
32	1556	-1521	1.8462	1565	-1511	1.8456	-0.0006	-0.0306
34	1596	-1556	1.8912	1605	-1544	1.8894	-0.0018	-0.0300
36	1626	-1583	1.9254	1630	-1570	1.9200	-0.0054	-0.0282
38	1631	-1602	1.9398	1641	-1593	1.9404	0.0006	-0.0228
40	1753	-1723	2.0856	1750	-1706	2.0736	-0.0120	-0.0234
42	1823	-1790	2.1678	1829	-1776	2.1630	-0.0048	-0.0114
44	1833	-1799	2.1792	1842	-1786	2.1768	-0.0024	-0.0066
46	1755	-1717	2.0832	1762	-1703	2.0790	-0.0042	-0.0042
48	0	0	0.0000	0	0	0.0000	0.0000	0.0000



**SITE** JSF  
**INSTALLATION** JS44  
**DESCRIPTION**

**CURRENT SURVEY** 11/11/2009 3:58:54 PM

**INITIAL SURVEY** 5/18/2009 3:38:24 PM

**DATE PRINTED** 1/14/2010 10:23:14 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-496	530	-0.6156	-441	502	-0.5658	0.0498	-0.0360
4	-367	382	-0.4494	-417	447	-0.5184	-0.0690	-0.0858
6	-127	140	-0.1602	-121	149	-0.1620	-0.0018	-0.0168
8	53	-22	0.0450	85	-25	0.0660	0.0210	-0.0150
10	102	-77	0.1074	118	-66	0.1104	0.0030	-0.0360
12	127	-91	0.1308	143	-84	0.1362	0.0054	-0.0390
14	175	-135	0.1860	191	-126	0.1902	0.0042	-0.0444
16	249	-211	0.2760	264	-201	0.2790	0.0030	-0.0486
18	329	-311	0.3840	344	-308	0.3912	0.0072	-0.0516
20	544	-521	0.6390	554	-506	0.6360	-0.0030	-0.0588
22	677	-646	0.7938	690	-634	0.7944	0.0006	-0.0558
24	794	-756	0.9300	807	-754	0.9366	0.0066	-0.0564
26	915	-913	1.0968	930	-898	1.0968	0.0000	-0.0630
28	1143	-1141	1.3704	1151	-1123	1.3644	-0.0060	-0.0630
30	1463	-1441	1.7424	1470	-1416	1.7316	-0.0108	-0.0570
32	1556	-1521	1.8462	1565	-1508	1.8438	-0.0024	-0.0462
34	1596	-1556	1.8912	1605	-1541	1.8876	-0.0036	-0.0438
36	1626	-1583	1.9254	1630	-1567	1.9182	-0.0072	-0.0402
38	1631	-1602	1.9398	1641	-1590	1.9386	-0.0012	-0.0330
40	1753	-1723	2.0856	1752	-1704	2.0736	-0.0120	-0.0318
42	1823	-1790	2.1678	1830	-1773	2.1618	-0.0060	-0.0198
44	1833	-1799	2.1792	1844	-1786	2.1780	-0.0012	-0.0138
46	1755	-1717	2.0832	1749	-1702	2.0706	-0.0126	-0.0126
48	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS44  
**DESCRIPTION**

**CURRENT SURVEY** 12/9/2009 3:25:33 PM

**INITIAL SURVEY** 5/18/2009 3:38:24 PM

**DATE PRINTED** 1/14/2010 10:23:14 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-496	530	-0.6156	-438	502	-0.5640	0.0516	-0.0018
4	-367	382	-0.4494	-416	443	-0.5154	-0.0660	-0.0534
6	-127	140	-0.1602	-123	143	-0.1596	0.0006	0.0126
8	53	-22	0.0450	88	-30	0.0708	0.0258	0.0120
10	102	-77	0.1074	119	-66	0.1110	0.0036	-0.0138
12	127	-91	0.1308	143	-84	0.1362	0.0054	-0.0174
14	175	-135	0.1860	191	-130	0.1926	0.0066	-0.0228
16	249	-211	0.2760	265	-200	0.2790	0.0030	-0.0294
18	329	-311	0.3840	345	-309	0.3924	0.0084	-0.0324
20	544	-521	0.6390	554	-505	0.6354	-0.0036	-0.0408
22	677	-646	0.7938	690	-635	0.7950	0.0012	-0.0372
24	794	-756	0.9300	810	-752	0.9372	0.0072	-0.0384
26	915	-913	1.0968	927	-902	1.0974	0.0006	-0.0456
28	1143	-1141	1.3704	1155	-1125	1.3680	-0.0024	-0.0462
30	1463	-1441	1.7424	1467	-1415	1.7292	-0.0132	-0.0438
32	1556	-1521	1.8462	1566	-1507	1.8438	-0.0024	-0.0306
34	1596	-1556	1.8912	1607	-1539	1.8876	-0.0036	-0.0282
36	1626	-1583	1.9254	1630	-1567	1.9182	-0.0072	-0.0246
38	1631	-1602	1.9398	1645	-1593	1.9428	0.0030	-0.0174
40	1753	-1723	2.0856	1755	-1704	2.0754	-0.0102	-0.0204
42	1823	-1790	2.1678	1832	-1771	2.1618	-0.0060	-0.0102
44	1833	-1799	2.1792	1847	-1785	2.1792	0.0000	-0.0042
46	1755	-1717	2.0832	1765	-1700	2.0790	-0.0042	-0.0042
48	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS44  
**DESCRIPTION**

**CURRENT SURVEY** 1/12/2010 1:56:26 PM

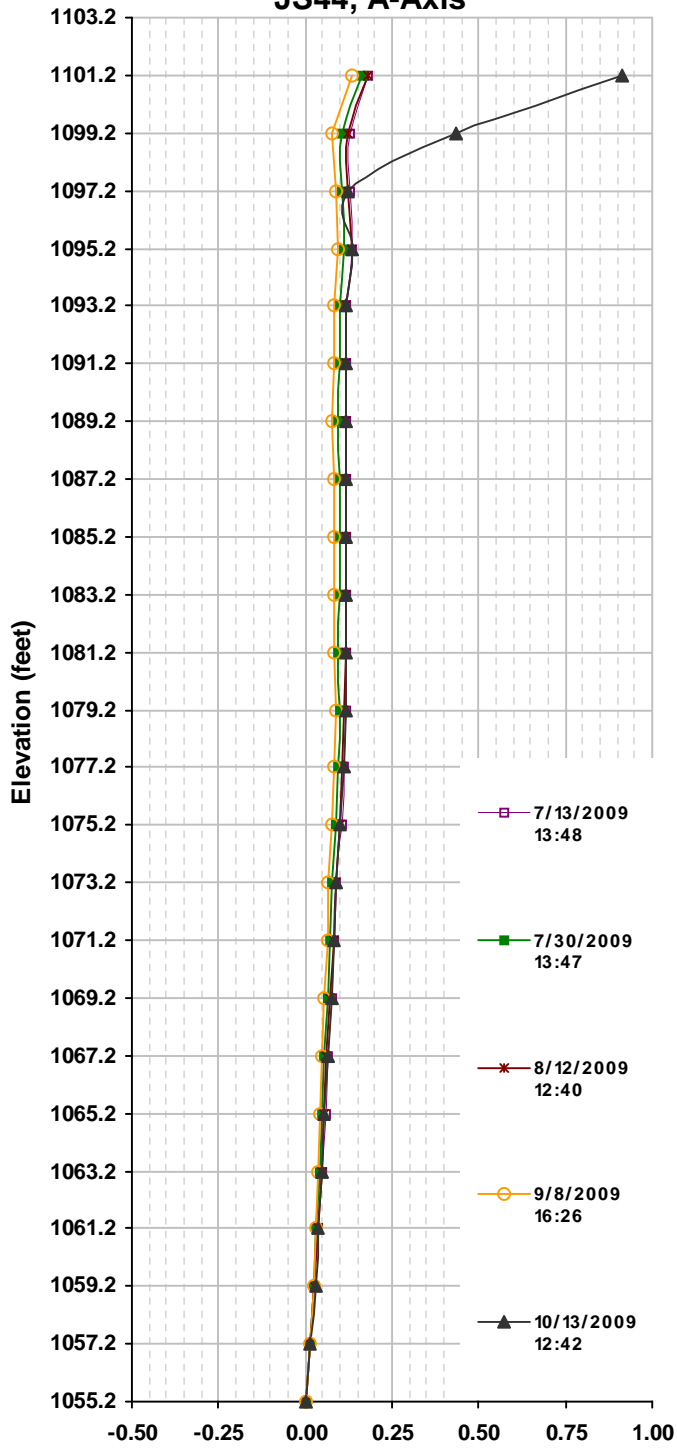
**INITIAL SURVEY** 5/18/2009 3:38:24 PM

**DATE PRINTED** 1/14/2010 10:23:14 AM

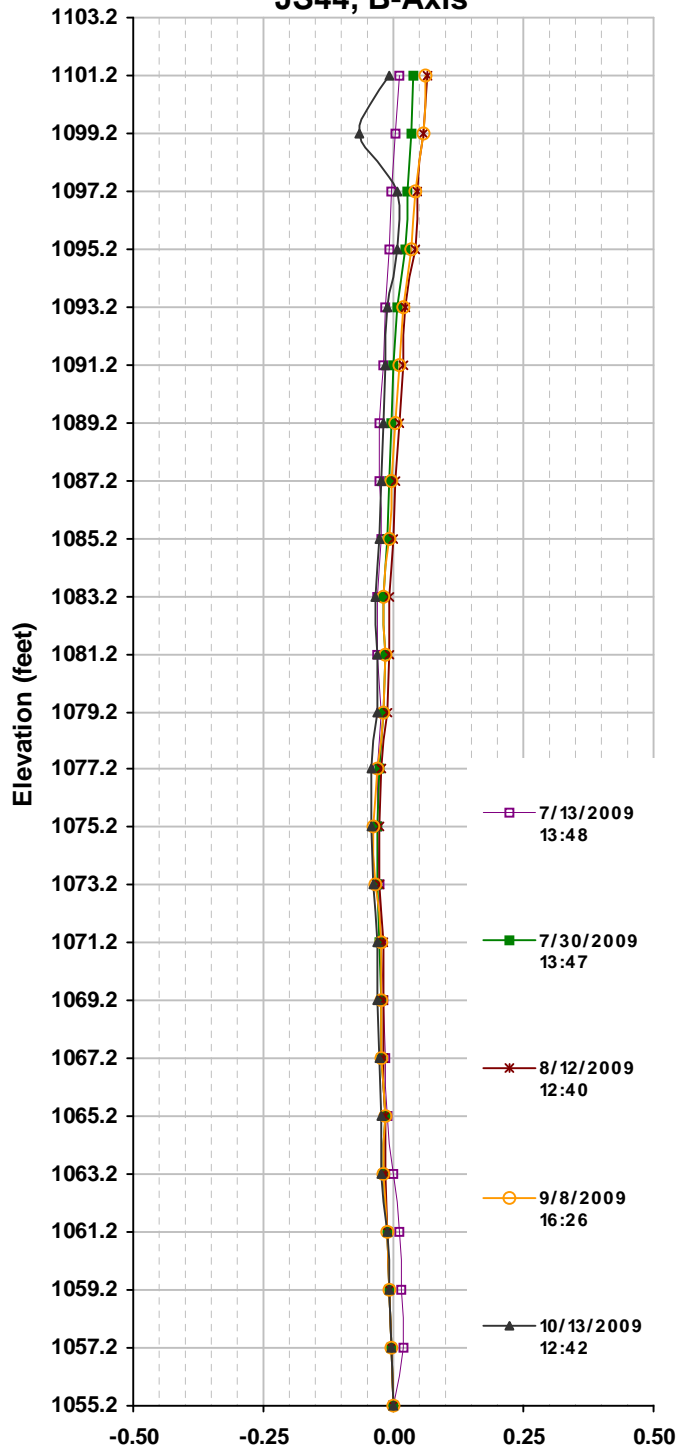
Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-496	530	-0.6156	-480	454	-0.5604	0.0552	0.0204
4	-367	382	-0.4494	-449	436	-0.5310	-0.0816	-0.0348
6	-127	140	-0.1602	-142	132	-0.1644	-0.0042	0.0468
8	53	-22	0.0450	47	-78	0.0750	0.0300	0.0510
10	102	-77	0.1074	79	-108	0.1122	0.0048	0.0210
12	127	-91	0.1308	108	-133	0.1446	0.0138	0.0162
14	175	-135	0.1860	152	-180	0.1992	0.0132	0.0024
16	249	-211	0.2760	234	-254	0.2928	0.0168	-0.0108
18	329	-311	0.3840	317	-335	0.3912	0.0072	-0.0276
20	544	-521	0.6390	535	-534	0.6414	0.0024	-0.0348
22	677	-646	0.7938	662	-675	0.8022	0.0084	-0.0372
24	794	-756	0.9300	776	-800	0.9456	0.0156	-0.0456
26	915	-913	1.0968	910	-917	1.0962	-0.0006	-0.0612
28	1143	-1141	1.3704	1131	-1144	1.3650	-0.0054	-0.0606
30	1463	-1441	1.7424	1449	-1450	1.7394	-0.0030	-0.0552
32	1556	-1521	1.8462	1519	-1553	1.8432	-0.0030	-0.0522
34	1596	-1556	1.8912	1555	-1594	1.8894	-0.0018	-0.0492
36	1626	-1583	1.9254	1579	-1612	1.9146	-0.0108	-0.0474
38	1631	-1602	1.9398	1607	-1635	1.9452	0.0054	-0.0366
40	1753	-1723	2.0856	1725	-1738	2.0778	-0.0078	-0.0420
42	1823	-1790	2.1678	1782	-1814	2.1576	-0.0102	-0.0342
44	1833	-1799	2.1792	1795	-1818	2.1678	-0.0114	-0.0240
46	1755	-1717	2.0832	1710	-1741	2.0706	-0.0126	-0.0126
48	0	0	0.0000	0	0	0.0000	0.0000	0.0000

JS44, A-Axis

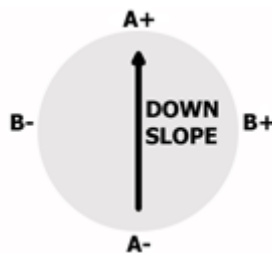


JS44, B-Axis



Cumulative Displacement (in) from 5/18/2009

Cumulative Displacement (in) from 5/18/2009



John Sevier Fossil Plant

Rogersville, TN

175569038

10/15/2009

**SITE** JSF  
**INSTALLATION** JS44  
**DESCRIPTION**

**CURRENT SURVEY** 7/13/2009 1:48:23 PM  
**INITIAL SURVEY** 5/18/2009 3:38:24 PM  
**DATE PRINTED** 10/15/2009 10:37:54 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-638	653	-0.7746	-598	603	-0.7206	0.0540	0.1806
4	-674	690	-0.8184	-678	687	-0.8190	-0.0006	0.1266
6	-631	648	-0.7674	-638	650	-0.7728	-0.0054	0.1272
8	-522	541	-0.6378	-515	526	-0.6246	0.0132	0.1326
10	-448	465	-0.5478	-450	461	-0.5466	0.0012	0.1194
12	-393	409	-0.4812	-395	406	-0.4806	0.0006	0.1182
14	-310	326	-0.3816	-315	322	-0.3822	-0.0006	0.1176
16	-238	255	-0.2958	-242	252	-0.2964	-0.0006	0.1182
18	-137	157	-0.1764	-138	153	-0.1746	0.0018	0.1188
20	-11	25	-0.0216	-13	21	-0.0204	0.0012	0.1170
22	55	-38	0.0558	55	-40	0.0570	0.0012	0.1158
24	115	-99	0.1284	114	-105	0.1314	0.0030	0.1146
26	174	-150	0.1944	172	-165	0.2022	0.0078	0.1116
28	305	-279	0.3504	308	-297	0.3630	0.0126	0.1038
30	449	-438	0.5322	450	-449	0.5394	0.0072	0.0912
32	571	-551	0.6732	575	-561	0.6816	0.0084	0.0840
34	577	-559	0.6816	582	-571	0.6918	0.0102	0.0756
36	586	-567	0.6918	589	-578	0.7002	0.0084	0.0654
38	611	-594	0.7230	621	-598	0.7314	0.0084	0.0570
40	683	-658	0.8046	686	-677	0.8178	0.0132	0.0486
42	722	-699	0.8526	725	-709	0.8604	0.0078	0.0354
44	732	-712	0.8664	738	-726	0.8784	0.0120	0.0276
46	639	-618	0.7542	646	-637	0.7698	0.0156	0.0156
48	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS44  
**DESCRIPTION**

**CURRENT SURVEY** 7/30/2009 1:47:52 PM

**INITIAL SURVEY** 5/18/2009 3:38:24 PM

**DATE PRINTED** 10/15/2009 10:37:54 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-638	653	-0.7746	-597	600	-0.7182	0.0564	0.1626
4	-674	690	-0.8184	-678	685	-0.8178	0.0006	0.1062
6	-631	648	-0.7674	-641	649	-0.7740	-0.0066	0.1056
8	-522	541	-0.6378	-516	525	-0.6246	0.0132	0.1122
10	-448	465	-0.5478	-452	459	-0.5466	0.0012	0.0990
12	-393	409	-0.4812	-397	403	-0.4800	0.0012	0.0978
14	-310	326	-0.3816	-316	321	-0.3822	-0.0006	0.0966
16	-238	255	-0.2958	-244	250	-0.2964	-0.0006	0.0972
18	-137	157	-0.1764	-143	152	-0.1770	-0.0006	0.0978
20	-11	25	-0.0216	-14	19	-0.0198	0.0018	0.0984
22	55	-38	0.0558	50	-41	0.0546	-0.0012	0.0966
24	115	-99	0.1284	113	-104	0.1302	0.0018	0.0978
26	174	-150	0.1944	170	-165	0.2010	0.0066	0.0960
28	305	-279	0.3504	307	-293	0.3600	0.0096	0.0894
30	449	-438	0.5322	448	-450	0.5388	0.0066	0.0798
32	571	-551	0.6732	574	-563	0.6822	0.0090	0.0732
34	577	-559	0.6816	580	-572	0.6912	0.0096	0.0642
36	586	-567	0.6918	587	-578	0.6990	0.0072	0.0546
38	611	-594	0.7230	615	-597	0.7272	0.0042	0.0474
40	683	-658	0.8046	682	-679	0.8166	0.0120	0.0432
42	722	-699	0.8526	724	-711	0.8610	0.0084	0.0312
44	732	-712	0.8664	736	-727	0.8778	0.0114	0.0228
46	639	-618	0.7542	642	-634	0.7656	0.0114	0.0114
48	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS44  
**DESCRIPTION**

**CURRENT SURVEY** 8/12/2009 12:40:41 PM

**INITIAL SURVEY** 5/18/2009 3:38:24 PM

**DATE PRINTED** 10/15/2009 10:37:54 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-638	653	-0.7746	-594	604	-0.7188	0.0558	0.1788
4	-674	690	-0.8184	-675	691	-0.8196	-0.0012	0.1230
6	-631	648	-0.7674	-640	653	-0.7758	-0.0084	0.1242
8	-522	541	-0.6378	-512	526	-0.6228	0.0150	0.1326
10	-448	465	-0.5478	-449	462	-0.5466	0.0012	0.1176
12	-393	409	-0.4812	-394	405	-0.4794	0.0018	0.1164
14	-310	326	-0.3816	-313	323	-0.3816	0.0000	0.1146
16	-238	255	-0.2958	-241	253	-0.2964	-0.0006	0.1146
18	-137	157	-0.1764	-141	154	-0.1770	-0.0006	0.1152
20	-11	25	-0.0216	-11	23	-0.0204	0.0012	0.1158
22	55	-38	0.0558	54	-40	0.0564	0.0006	0.1146
24	115	-99	0.1284	117	-106	0.1338	0.0054	0.1140
26	174	-150	0.1944	173	-166	0.2034	0.0090	0.1086
28	305	-279	0.3504	307	-295	0.3612	0.0108	0.0996
30	449	-438	0.5322	451	-446	0.5382	0.0060	0.0888
32	571	-551	0.6732	577	-561	0.6828	0.0096	0.0828
34	577	-559	0.6816	584	-570	0.6924	0.0108	0.0732
36	586	-567	0.6918	590	-577	0.7002	0.0084	0.0624
38	611	-594	0.7230	619	-597	0.7296	0.0066	0.0540
40	683	-658	0.8046	686	-674	0.8160	0.0114	0.0474
42	722	-699	0.8526	727	-709	0.8616	0.0090	0.0360
44	732	-712	0.8664	741	-725	0.8796	0.0132	0.0270
46	639	-618	0.7542	647	-633	0.7680	0.0138	0.0138
48	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS44  
**DESCRIPTION**

**CURRENT SURVEY** 9/8/2009 4:26:39 PM

**INITIAL SURVEY** 5/18/2009 3:38:24 PM

**DATE PRINTED** 10/15/2009 10:37:54 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-638	653	-0.7746	-595	598	-0.7158	0.0588	0.1344
4	-674	690	-0.8184	-686	695	-0.8286	-0.0102	0.0756
6	-631	648	-0.7674	-645	651	-0.7776	-0.0102	0.0858
8	-522	541	-0.6378	-515	523	-0.6228	0.0150	0.0960
10	-448	465	-0.5478	-453	459	-0.5472	0.0006	0.0810
12	-393	409	-0.4812	-398	403	-0.4806	0.0006	0.0804
14	-310	326	-0.3816	-317	322	-0.3834	-0.0018	0.0798
16	-238	255	-0.2958	-245	251	-0.2976	-0.0018	0.0816
18	-137	157	-0.1764	-144	152	-0.1776	-0.0012	0.0834
20	-11	25	-0.0216	-16	21	-0.0222	-0.0006	0.0846
22	55	-38	0.0558	50	-41	0.0546	-0.0012	0.0852
24	115	-99	0.1284	111	-108	0.1314	0.0030	0.0864
26	174	-150	0.1944	169	-167	0.2016	0.0072	0.0834
28	305	-279	0.3504	303	-295	0.3588	0.0084	0.0762
30	449	-438	0.5322	447	-447	0.5364	0.0042	0.0678
32	571	-551	0.6732	572	-563	0.6810	0.0078	0.0636
34	577	-559	0.6816	579	-572	0.6906	0.0090	0.0558
36	586	-567	0.6918	585	-578	0.6978	0.0060	0.0468
38	611	-594	0.7230	611	-597	0.7248	0.0018	0.0408
40	683	-658	0.8046	682	-676	0.8148	0.0102	0.0390
42	722	-699	0.8526	722	-710	0.8592	0.0066	0.0288
44	732	-712	0.8664	735	-728	0.8778	0.0114	0.0222
46	639	-618	0.7542	641	-634	0.7650	0.0108	0.0108
48	0	0	0.0000	0	0	0.0000	0.0000	0.0000



**SITE** JSF  
**INSTALLATION** JS44  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 12:42:41 PM

**INITIAL SURVEY** 5/18/2009 3:38:24 PM

**DATE PRINTED** 10/15/2009 10:37:54 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-638	653	-0.7746	-240	252	-0.2952	0.4794	0.9114
4	-674	690	-0.8184	-418	433	-0.5106	0.3078	0.4320
6	-631	648	-0.7674	-643	655	-0.7788	-0.0114	0.1242
8	-522	541	-0.6378	-511	524	-0.6210	0.0168	0.1356
10	-448	465	-0.5478	-449	462	-0.5466	0.0012	0.1188
12	-393	409	-0.4812	-394	405	-0.4794	0.0018	0.1176
14	-310	326	-0.3816	-312	323	-0.3810	0.0006	0.1158
16	-238	255	-0.2958	-240	253	-0.2958	0.0000	0.1152
18	-137	157	-0.1764	-140	155	-0.1770	-0.0006	0.1152
20	-11	25	-0.0216	-11	23	-0.0204	0.0012	0.1158
22	55	-38	0.0558	54	-39	0.0558	0.0000	0.1146
24	115	-99	0.1284	117	-106	0.1338	0.0054	0.1146
26	174	-150	0.1944	174	-165	0.2034	0.0090	0.1092
28	305	-279	0.3504	307	-294	0.3606	0.0102	0.1002
30	449	-438	0.5322	451	-445	0.5376	0.0054	0.0900
32	571	-551	0.6732	578	-561	0.6834	0.0102	0.0846
34	577	-559	0.6816	585	-570	0.6930	0.0114	0.0744
36	586	-567	0.6918	591	-576	0.7002	0.0084	0.0630
38	611	-594	0.7230	618	-599	0.7302	0.0072	0.0546
40	683	-658	0.8046	687	-672	0.8154	0.0108	0.0474
42	722	-699	0.8526	727	-708	0.8610	0.0084	0.0366
44	732	-712	0.8664	742	-726	0.8808	0.0144	0.0282
46	639	-618	0.7542	647	-633	0.7680	0.0138	0.0138
48	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS44  
**DESCRIPTION**

**CURRENT SURVEY** 7/13/2009 1:48:23 PM

**INITIAL SURVEY** 5/18/2009 3:38:24 PM

**DATE PRINTED** 10/15/2009 10:38:02 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-496	530	-0.6156	-485	530	-0.6090	0.0066	0.0102
4	-367	382	-0.4494	-353	384	-0.4422	0.0072	0.0036
6	-127	140	-0.1602	-116	147	-0.1578	0.0024	-0.0036
8	53	-22	0.0450	69	-21	0.0540	0.0090	-0.0060
10	102	-77	0.1074	119	-69	0.1128	0.0054	-0.0150
12	127	-91	0.1308	137	-90	0.1362	0.0054	-0.0204
14	175	-135	0.1860	182	-129	0.1866	0.0006	-0.0258
16	249	-211	0.2760	252	-204	0.2736	-0.0024	-0.0264
18	329	-311	0.3840	339	-311	0.3900	0.0060	-0.0240
20	544	-521	0.6390	555	-510	0.6390	0.0000	-0.0300
22	677	-646	0.7938	674	-638	0.7872	-0.0066	-0.0300
24	794	-756	0.9300	804	-757	0.9366	0.0066	-0.0234
26	915	-913	1.0968	929	-901	1.0980	0.0012	-0.0300
28	1143	-1141	1.3704	1152	-1123	1.3650	-0.0054	-0.0312
30	1463	-1441	1.7424	1473	-1424	1.7382	-0.0042	-0.0258
32	1556	-1521	1.8462	1562	-1510	1.8432	-0.0030	-0.0216
34	1596	-1556	1.8912	1601	-1545	1.8876	-0.0036	-0.0186
36	1626	-1583	1.9254	1626	-1575	1.9206	-0.0048	-0.0150
38	1631	-1602	1.9398	1621	-1597	1.9308	-0.0090	-0.0102
40	1753	-1723	2.0856	1745	-1709	2.0724	-0.0132	-0.0012
42	1823	-1790	2.1678	1830	-1777	2.1642	-0.0036	0.0120
44	1833	-1799	2.1792	1841	-1783	2.1744	-0.0048	0.0156
46	1755	-1717	2.0832	1759	-1747	2.1036	0.0204	0.0204
48	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS44  
**DESCRIPTION**

**CURRENT SURVEY** 7/30/2009 1:47:52 PM

**INITIAL SURVEY** 5/18/2009 3:38:24 PM

**DATE PRINTED** 10/15/2009 10:38:02 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-496	530	-0.6156	-486	535	-0.6126	0.0030	0.0384
4	-367	382	-0.4494	-352	386	-0.4428	0.0066	0.0354
6	-127	140	-0.1602	-112	145	-0.1542	0.0060	0.0288
8	53	-22	0.0450	81	-20	0.0606	0.0156	0.0228
10	102	-77	0.1074	121	-67	0.1128	0.0054	0.0072
12	127	-91	0.1308	144	-83	0.1362	0.0054	0.0018
14	175	-135	0.1860	193	-125	0.1908	0.0048	-0.0036
16	249	-211	0.2760	264	-201	0.2790	0.0030	-0.0084
18	329	-311	0.3840	345	-309	0.3924	0.0084	-0.0114
20	544	-521	0.6390	551	-509	0.6360	-0.0030	-0.0198
22	677	-646	0.7938	692	-637	0.7974	0.0036	-0.0168
24	794	-756	0.9300	809	-753	0.9372	0.0072	-0.0204
26	915	-913	1.0968	933	-902	1.1010	0.0042	-0.0276
28	1143	-1141	1.3704	1157	-1125	1.3692	-0.0012	-0.0318
30	1463	-1441	1.7424	1473	-1423	1.7376	-0.0048	-0.0306
32	1556	-1521	1.8462	1566	-1507	1.8438	-0.0024	-0.0258
34	1596	-1556	1.8912	1607	-1542	1.8894	-0.0018	-0.0234
36	1626	-1583	1.9254	1631	-1569	1.9200	-0.0054	-0.0216
38	1631	-1602	1.9398	1642	-1594	1.9416	0.0018	-0.0162
40	1753	-1723	2.0856	1757	-1707	2.0784	-0.0072	-0.0180
42	1823	-1790	2.1678	1832	-1774	2.1636	-0.0042	-0.0108
44	1833	-1799	2.1792	1845	-1783	2.1768	-0.0024	-0.0066
46	1755	-1717	2.0832	1764	-1701	2.0790	-0.0042	-0.0042
48	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS44  
**DESCRIPTION**

**CURRENT SURVEY** 8/12/2009 12:40:41 PM

**INITIAL SURVEY** 5/18/2009 3:38:24 PM

**DATE PRINTED** 10/15/2009 10:38:02 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-496	530	-0.6156	-484	528	-0.6072	0.0084	0.0648
4	-367	382	-0.4494	-355	379	-0.4404	0.0090	0.0564
6	-127	140	-0.1602	-113	143	-0.1536	0.0066	0.0474
8	53	-22	0.0450	81	-23	0.0624	0.0174	0.0408
10	102	-77	0.1074	120	-69	0.1134	0.0060	0.0234
12	127	-91	0.1308	143	-86	0.1374	0.0066	0.0174
14	175	-135	0.1860	191	-128	0.1914	0.0054	0.0108
16	249	-211	0.2760	264	-204	0.2808	0.0048	0.0054
18	329	-311	0.3840	344	-313	0.3942	0.0102	0.0006
20	544	-521	0.6390	557	-508	0.6390	0.0000	-0.0096
22	677	-646	0.7938	690	-639	0.7974	0.0036	-0.0096
24	794	-756	0.9300	809	-760	0.9414	0.0114	-0.0132
26	915	-913	1.0968	933	-902	1.1010	0.0042	-0.0246
28	1143	-1141	1.3704	1153	-1127	1.3680	-0.0024	-0.0288
30	1463	-1441	1.7424	1471	-1423	1.7364	-0.0060	-0.0264
32	1556	-1521	1.8462	1567	-1511	1.8468	0.0006	-0.0204
34	1596	-1556	1.8912	1605	-1543	1.8888	-0.0024	-0.0210
36	1626	-1583	1.9254	1631	-1571	1.9212	-0.0042	-0.0186
38	1631	-1602	1.9398	1642	-1595	1.9422	0.0024	-0.0144
40	1753	-1723	2.0856	1756	-1709	2.0790	-0.0066	-0.0168
42	1823	-1790	2.1678	1831	-1777	2.1648	-0.0030	-0.0102
44	1833	-1799	2.1792	1842	-1785	2.1762	-0.0030	-0.0072
46	1755	-1717	2.0832	1763	-1702	2.0790	-0.0042	-0.0042
48	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS44  
**DESCRIPTION**

**CURRENT SURVEY** 9/8/2009 4:26:39 PM

**INITIAL SURVEY** 5/18/2009 3:38:24 PM

**DATE PRINTED** 10/15/2009 10:38:02 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-496	530	-0.6156	-487	528	-0.6090	0.0066	0.0630
4	-367	382	-0.4494	-349	377	-0.4356	0.0138	0.0564
6	-127	140	-0.1602	-111	143	-0.1524	0.0078	0.0426
8	53	-22	0.0450	82	-22	0.0624	0.0174	0.0348
10	102	-77	0.1074	122	-69	0.1146	0.0072	0.0174
12	127	-91	0.1308	145	-86	0.1386	0.0078	0.0102
14	175	-135	0.1860	192	-128	0.1920	0.0060	0.0024
16	249	-211	0.2760	265	-203	0.2808	0.0048	-0.0036
18	329	-311	0.3840	345	-311	0.3936	0.0096	-0.0084
20	544	-521	0.6390	554	-507	0.6366	-0.0024	-0.0180
22	677	-646	0.7938	691	-638	0.7974	0.0036	-0.0156
24	794	-756	0.9300	809	-762	0.9426	0.0126	-0.0192
26	915	-913	1.0968	935	-901	1.1016	0.0048	-0.0318
28	1143	-1141	1.3704	1155	-1126	1.3686	-0.0018	-0.0366
30	1463	-1441	1.7424	1465	-1421	1.7316	-0.0108	-0.0348
32	1556	-1521	1.8462	1567	-1510	1.8462	0.0000	-0.0240
34	1596	-1556	1.8912	1606	-1542	1.8888	-0.0024	-0.0240
36	1626	-1583	1.9254	1631	-1570	1.9206	-0.0048	-0.0216
38	1631	-1602	1.9398	1642	-1595	1.9422	0.0024	-0.0168
40	1753	-1723	2.0856	1755	-1708	2.0778	-0.0078	-0.0192
42	1823	-1790	2.1678	1831	-1776	2.1642	-0.0036	-0.0114
44	1833	-1799	2.1792	1841	-1784	2.1750	-0.0042	-0.0078
46	1755	-1717	2.0832	1765	-1701	2.0796	-0.0036	-0.0036
48	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS44  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 12:42:41 PM

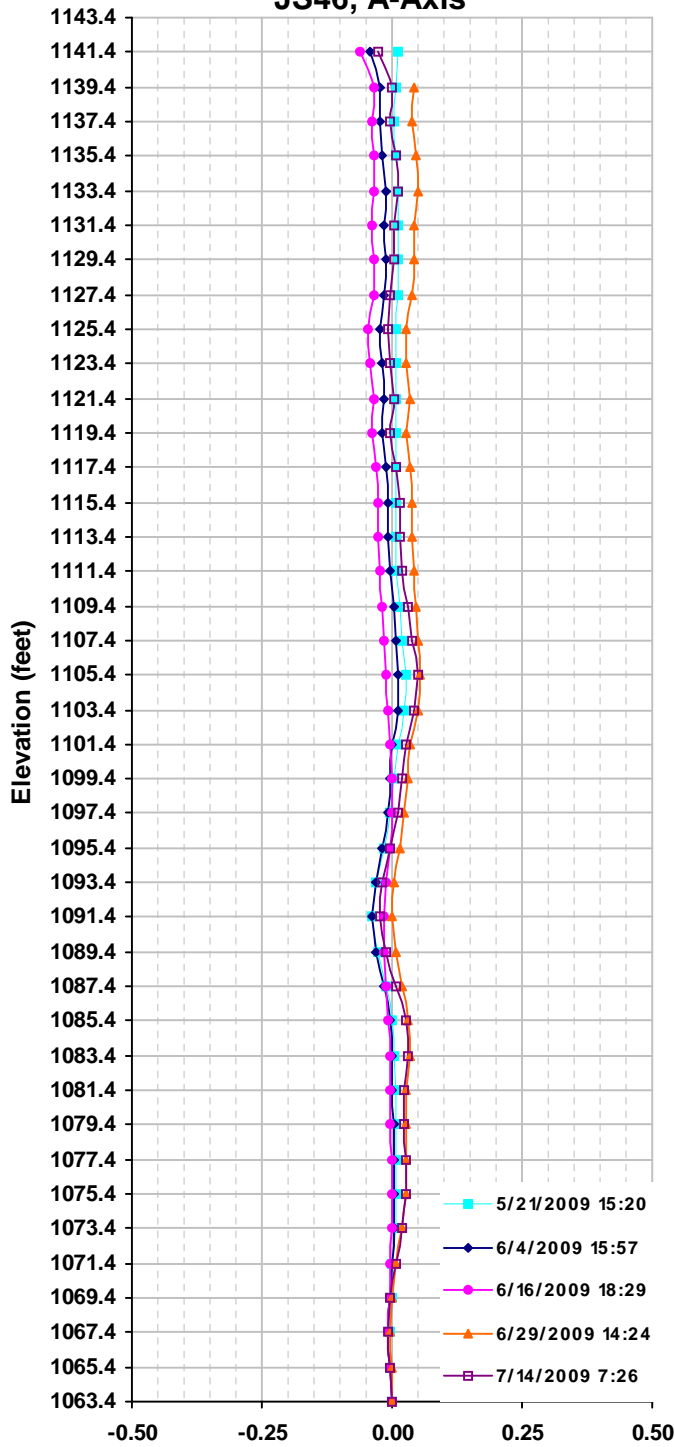
**INITIAL SURVEY** 5/18/2009 3:38:24 PM

**DATE PRINTED** 10/15/2009 10:38:03 AM

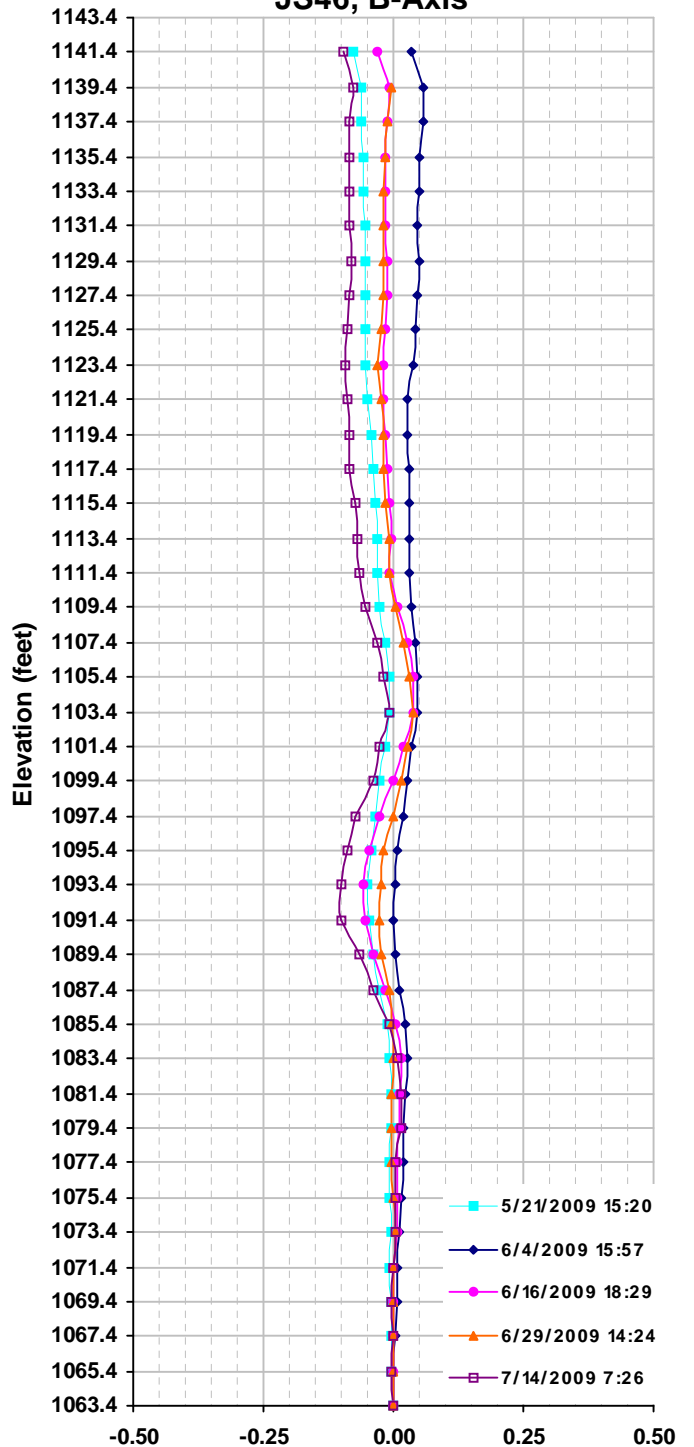
Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-496	530	-0.6156	-441	495	-0.5616	0.0540	-0.0096
4	-367	382	-0.4494	-423	448	-0.5226	-0.0732	-0.0636
6	-127	140	-0.1602	-117	144	-0.1566	0.0036	0.0096
8	53	-22	0.0450	81	-23	0.0624	0.0174	0.0060
10	102	-77	0.1074	117	-69	0.1116	0.0042	-0.0114
12	127	-91	0.1308	141	-85	0.1356	0.0048	-0.0156
14	175	-135	0.1860	191	-126	0.1902	0.0042	-0.0204
16	249	-211	0.2760	263	-202	0.2790	0.0030	-0.0246
18	329	-311	0.3840	341	-310	0.3906	0.0066	-0.0276
20	544	-521	0.6390	551	-507	0.6348	-0.0042	-0.0342
22	677	-646	0.7938	689	-637	0.7956	0.0018	-0.0300
24	794	-756	0.9300	807	-759	0.9396	0.0096	-0.0318
26	915	-913	1.0968	930	-902	1.0992	0.0024	-0.0414
28	1143	-1141	1.3704	1152	-1125	1.3662	-0.0042	-0.0438
30	1463	-1441	1.7424	1468	-1421	1.7334	-0.0090	-0.0396
32	1556	-1521	1.8462	1565	-1511	1.8456	-0.0006	-0.0306
34	1596	-1556	1.8912	1605	-1544	1.8894	-0.0018	-0.0300
36	1626	-1583	1.9254	1630	-1570	1.9200	-0.0054	-0.0282
38	1631	-1602	1.9398	1641	-1593	1.9404	0.0006	-0.0228
40	1753	-1723	2.0856	1750	-1706	2.0736	-0.0120	-0.0234
42	1823	-1790	2.1678	1829	-1776	2.1630	-0.0048	-0.0114
44	1833	-1799	2.1792	1842	-1786	2.1768	-0.0024	-0.0066
46	1755	-1717	2.0832	1762	-1703	2.0790	-0.0042	-0.0042
48	0	0	0.0000	0	0	0.0000	0.0000	0.0000

### JS46, A-Axis

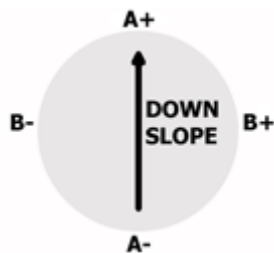


### JS46, B-Axis



Cumulative Displacement (in) from 5/18/2009

Cumulative Displacement (in) from 5/18/2009



John Sevier Fossil Plant

Rogersville, TN

175569038

7/16/2009

**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 5/21/2009 3:20:34 PM

**INITIAL SURVEY** 5/18/2009 5:45:27 PM

**DATE PRINTED** 7/15/2009 10:20:56 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
8	-309	329	-0.3828	-306	325	-0.3786	0.0042	0.0102
10	-261	282	-0.3258	-259	283	-0.3252	0.0006	0.0060
12	-170	187	-0.2142	-171	192	-0.2178	-0.0036	0.0054
14	-27	48	-0.0450	-29	53	-0.0492	-0.0042	0.0090
16	67	-45	0.0672	69	-45	0.0684	0.0012	0.0132
18	95	-75	0.1020	97	-75	0.1032	0.0012	0.0120
20	97	-72	0.1014	97	-73	0.1020	0.0006	0.0108
22	117	-96	0.1278	118	-97	0.1290	0.0012	0.0102
24	161	-137	0.1788	160	-138	0.1788	0.0000	0.0090
26	199	-174	0.2238	200	-175	0.2250	0.0012	0.0090
28	130	-108	0.1428	131	-109	0.1440	0.0012	0.0078
30	142	-118	0.1560	142	-118	0.1560	0.0000	0.0066
32	214	-191	0.2430	213	-190	0.2418	-0.0012	0.0066
34	251	-228	0.2874	252	-229	0.2886	0.0012	0.0078
36	232	-210	0.2652	230	-207	0.2622	-0.0030	0.0066
38	445	-425	0.5220	440	-419	0.5154	-0.0066	0.0096
40	627	-603	0.7380	624	-599	0.7338	-0.0042	0.0162
42	837	-814	0.9906	833	-807	0.9840	-0.0066	0.0204
44	911	-889	1.0800	914	-890	1.0824	0.0024	0.0270
46	678	-656	0.8004	689	-666	0.8130	0.0126	0.0246
48	430	-408	0.5028	436	-416	0.5112	0.0084	0.0120
50	252	-229	0.2886	259	-237	0.2976	0.0090	0.0036
52	22	1	0.0126	30	-8	0.0228	0.0102	-0.0054
54	-278	303	-0.3486	-266	291	-0.3342	0.0144	-0.0156
56	-535	561	-0.6576	-530	554	-0.6504	0.0072	-0.0300
58	-504	526	-0.6180	-509	535	-0.6264	-0.0084	-0.0372
60	-255	280	-0.3210	-267	294	-0.3366	-0.0156	-0.0288
62	46	-22	0.0408	37	-12	0.0294	-0.0114	-0.0132
64	261	-237	0.2988	257	-230	0.2922	-0.0066	-0.0018
66	347	-323	0.4020	346	-322	0.4008	-0.0012	0.0048
68	395	-374	0.4614	395	-372	0.4602	-0.0012	0.0060
70	430	-404	0.5004	429	-404	0.4998	-0.0006	0.0072
72	447	-425	0.5232	447	-425	0.5232	0.0000	0.0078
74	441	-418	0.5154	443	-419	0.5172	0.0018	0.0078
76	412	-387	0.4794	415	-391	0.4836	0.0042	0.0060
78	369	-346	0.4290	372	-349	0.4326	0.0036	0.0018
80	339	-315	0.3924	342	-318	0.3960	0.0036	-0.0018
82	355	-333	0.4128	353	-331	0.4104	-0.0024	-0.0054
84	416	-393	0.4854	414	-390	0.4824	-0.0030	-0.0030



**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 5/21/2009 3:20:34 PM  
**INITIAL SURVEY** 5/18/2009 5:45:27 PM  
**DATE PRINTED** 7/15/2009 10:20:56 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
86	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 6/4/2009 3:57:53 PM

**INITIAL SURVEY** 5/18/2009 5:45:27 PM

**DATE PRINTED** 7/15/2009 10:20:56 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
8	-309	329	-0.3828	-322	353	-0.4050	-0.0222	-0.0438
10	-261	282	-0.3258	-253	287	-0.3240	0.0018	-0.0216
12	-170	187	-0.2142	-169	197	-0.2196	-0.0054	-0.0234
14	-27	48	-0.0450	-26	58	-0.0504	-0.0054	-0.0180
16	67	-45	0.0672	74	-43	0.0702	0.0030	-0.0126
18	95	-75	0.1020	97	-69	0.0996	-0.0024	-0.0156
20	97	-72	0.1014	101	-71	0.1032	0.0018	-0.0132
22	117	-96	0.1278	126	-99	0.1350	0.0072	-0.0150
24	161	-137	0.1788	163	-133	0.1776	-0.0012	-0.0222
26	199	-174	0.2238	196	-165	0.2166	-0.0072	-0.0210
28	130	-108	0.1428	138	-110	0.1488	0.0060	-0.0138
30	142	-118	0.1560	138	-108	0.1476	-0.0084	-0.0198
32	214	-191	0.2430	215	-185	0.2400	-0.0030	-0.0114
34	251	-228	0.2874	254	-224	0.2868	-0.0006	-0.0084
36	232	-210	0.2652	232	-203	0.2610	-0.0042	-0.0078
38	445	-425	0.5220	444	-415	0.5154	-0.0066	-0.0036
40	627	-603	0.7380	627	-597	0.7344	-0.0036	0.0030
42	837	-814	0.9906	837	-803	0.9840	-0.0066	0.0066
44	911	-889	1.0800	916	-886	1.0812	0.0012	0.0132
46	678	-656	0.8004	690	-661	0.8106	0.0102	0.0120
48	430	-408	0.5028	437	-408	0.5070	0.0042	0.0018
50	252	-229	0.2886	261	-230	0.2946	0.0060	-0.0024
52	22	1	0.0126	35	-3	0.0228	0.0102	-0.0084
54	-278	303	-0.3486	-263	297	-0.3360	0.0126	-0.0186
56	-535	561	-0.6576	-526	560	-0.6516	0.0060	-0.0312
58	-504	526	-0.6180	-505	537	-0.6252	-0.0072	-0.0372
60	-255	280	-0.3210	-263	294	-0.3342	-0.0132	-0.0300
62	46	-22	0.0408	39	-10	0.0294	-0.0114	-0.0168
64	261	-237	0.2988	259	-227	0.2916	-0.0072	-0.0054
66	347	-323	0.4020	350	-320	0.4020	0.0000	0.0018
68	395	-374	0.4614	398	-369	0.4602	-0.0012	0.0018
70	430	-404	0.5004	431	-401	0.4992	-0.0012	0.0030
72	447	-425	0.5232	449	-421	0.5220	-0.0012	0.0042
74	441	-418	0.5154	446	-416	0.5172	0.0018	0.0054
76	412	-387	0.4794	419	-388	0.4842	0.0048	0.0036
78	369	-346	0.4290	375	-346	0.4326	0.0036	-0.0012
80	339	-315	0.3924	345	-314	0.3954	0.0030	-0.0048
82	355	-333	0.4128	353	-327	0.4080	-0.0048	-0.0078
84	416	-393	0.4854	417	-387	0.4824	-0.0030	-0.0030

**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 6/4/2009 3:57:53 PM

**INITIAL SURVEY** 5/18/2009 5:45:27 PM

**DATE PRINTED** 7/15/2009 10:20:56 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
86	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 6/16/2009 6:29:00 PM

**INITIAL SURVEY** 5/18/2009 5:45:27 PM

**DATE PRINTED** 7/15/2009 10:20:56 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
8	-309	329	-0.3828	-349	334	-0.4098	-0.0270	-0.0612
10	-261	282	-0.3258	-274	261	-0.3210	0.0048	-0.0342
12	-170	187	-0.2142	-190	173	-0.2178	-0.0036	-0.0390
14	-27	48	-0.0450	-47	31	-0.0468	-0.0018	-0.0354
16	67	-45	0.0672	53	-68	0.0726	0.0054	-0.0336
18	95	-75	0.1020	72	-91	0.0978	-0.0042	-0.0390
20	97	-72	0.1014	78	-93	0.1026	0.0012	-0.0348
22	117	-96	0.1278	106	-122	0.1368	0.0090	-0.0360
24	161	-137	0.1788	139	-156	0.1770	-0.0018	-0.0450
26	199	-174	0.2238	170	-187	0.2142	-0.0096	-0.0432
28	130	-108	0.1428	114	-132	0.1476	0.0048	-0.0336
30	142	-118	0.1560	115	-130	0.1470	-0.0090	-0.0384
32	214	-191	0.2430	193	-209	0.2412	-0.0018	-0.0294
34	251	-228	0.2874	229	-246	0.2850	-0.0024	-0.0276
36	232	-210	0.2652	211	-227	0.2628	-0.0024	-0.0252
38	445	-425	0.5220	421	-441	0.5172	-0.0048	-0.0228
40	627	-603	0.7380	605	-621	0.7356	-0.0024	-0.0180
42	837	-814	0.9906	812	-832	0.9864	-0.0042	-0.0156
44	911	-889	1.0800	888	-906	1.0764	-0.0036	-0.0114
46	678	-656	0.8004	655	-673	0.7968	-0.0036	-0.0078
48	430	-408	0.5028	408	-426	0.5004	-0.0024	-0.0042
50	252	-229	0.2886	232	-248	0.2880	-0.0006	-0.0018
52	22	1	0.0126	4	-22	0.0156	0.0030	-0.0012
54	-278	303	-0.3486	-294	275	-0.3414	0.0072	-0.0042
56	-535	561	-0.6576	-554	533	-0.6522	0.0054	-0.0114
58	-504	526	-0.6180	-527	504	-0.6186	-0.0006	-0.0168
60	-255	280	-0.3210	-278	262	-0.3240	-0.0030	-0.0162
62	46	-22	0.0408	21	-38	0.0354	-0.0054	-0.0132
64	261	-237	0.2988	236	-256	0.2952	-0.0036	-0.0078
66	347	-323	0.4020	328	-344	0.4032	0.0012	-0.0042
68	395	-374	0.4614	373	-392	0.4590	-0.0024	-0.0054
70	430	-404	0.5004	407	-423	0.4980	-0.0024	-0.0030
72	447	-425	0.5232	426	-442	0.5208	-0.0024	-0.0006
74	441	-418	0.5154	421	-438	0.5154	0.0000	0.0018
76	412	-387	0.4794	395	-412	0.4842	0.0048	0.0018
78	369	-346	0.4290	350	-369	0.4314	0.0024	-0.0030
80	339	-315	0.3924	322	-336	0.3948	0.0024	-0.0054
82	355	-333	0.4128	332	-349	0.4086	-0.0042	-0.0078
84	416	-393	0.4854	393	-410	0.4818	-0.0036	-0.0036

**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 6/16/2009 6:29:00 PM  
**INITIAL SURVEY** 5/18/2009 5:45:27 PM  
**DATE PRINTED** 7/15/2009 10:20:56 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
86	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 6/29/2009 2:24:34 PM

**INITIAL SURVEY** 5/18/2009 5:45:27 PM

**DATE PRINTED** 7/15/2009 10:20:56 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
10	-261	282	-0.3258	-266	271	-0.3222	0.0036	0.0432
12	-170	187	-0.2142	-185	184	-0.2214	-0.0072	0.0396
14	-27	48	-0.0450	-38	41	-0.0474	-0.0024	0.0468
16	67	-45	0.0672	64	-59	0.0738	0.0066	0.0492
18	95	-75	0.1020	86	-85	0.1026	0.0006	0.0426
20	97	-72	0.1014	90	-86	0.1056	0.0042	0.0420
22	117	-96	0.1278	115	-114	0.1374	0.0096	0.0378
24	161	-137	0.1788	149	-148	0.1782	-0.0006	0.0282
26	199	-174	0.2238	183	-178	0.2166	-0.0072	0.0288
28	130	-108	0.1428	126	-125	0.1506	0.0078	0.0360
30	142	-118	0.1560	125	-126	0.1506	-0.0054	0.0282
32	214	-191	0.2430	201	-199	0.2400	-0.0030	0.0336
34	251	-228	0.2874	242	-233	0.2850	-0.0024	0.0366
36	232	-210	0.2652	220	-218	0.2628	-0.0024	0.0390
38	445	-425	0.5220	431	-430	0.5166	-0.0054	0.0414
40	627	-603	0.7380	615	-611	0.7356	-0.0024	0.0468
42	837	-814	0.9906	825	-819	0.9864	-0.0042	0.0492
44	911	-889	1.0800	903	-903	1.0836	0.0036	0.0534
46	678	-656	0.8004	681	-677	0.8148	0.0144	0.0498
48	430	-408	0.5028	425	-421	0.5076	0.0048	0.0354
50	252	-229	0.2886	249	-243	0.2952	0.0066	0.0306
52	22	1	0.0126	21	-16	0.0222	0.0096	0.0240
54	-278	303	-0.3486	-280	283	-0.3378	0.0108	0.0144
56	-535	561	-0.6576	-541	547	-0.6528	0.0048	0.0036
58	-504	526	-0.6180	-521	524	-0.6270	-0.0090	-0.0012
60	-255	280	-0.3210	-275	280	-0.3330	-0.0120	0.0078
62	46	-22	0.0408	26	-23	0.0294	-0.0114	0.0198
64	261	-237	0.2988	249	-245	0.2964	-0.0024	0.0312
66	347	-323	0.4020	341	-338	0.4074	0.0054	0.0336
68	395	-374	0.4614	386	-385	0.4626	0.0012	0.0282
70	430	-404	0.5004	419	-415	0.5004	0.0000	0.0270
72	447	-425	0.5232	439	-435	0.5244	0.0012	0.0270
74	441	-418	0.5154	435	-433	0.5208	0.0054	0.0258
76	412	-387	0.4794	410	-407	0.4902	0.0108	0.0204
78	369	-346	0.4290	366	-363	0.4374	0.0084	0.0096
80	339	-315	0.3924	334	-328	0.3972	0.0048	0.0012
82	355	-333	0.4128	343	-341	0.4104	-0.0024	-0.0036
84	416	-393	0.4854	405	-402	0.4842	-0.0012	-0.0012
86	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 7/14/2009 7:26:22 AM

**INITIAL SURVEY** 5/18/2009 5:45:27 PM

**DATE PRINTED** 7/15/2009 10:20:57 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
8	-309	329	-0.3828	-337	342	-0.4074	-0.0246	-0.0252
10	-261	282	-0.3258	-267	272	-0.3234	0.0024	-0.0006
12	-170	187	-0.2142	-187	189	-0.2256	-0.0114	-0.0030
14	-27	48	-0.0450	-37	42	-0.0474	-0.0024	0.0084
16	67	-45	0.0672	67	-58	0.0750	0.0078	0.0108
18	95	-75	0.1020	89	-82	0.1026	0.0006	0.0030
20	97	-72	0.1014	92	-85	0.1062	0.0048	0.0024
22	117	-96	0.1278	114	-109	0.1338	0.0060	-0.0024
24	161	-137	0.1788	149	-142	0.1746	-0.0042	-0.0084
26	199	-174	0.2238	184	-175	0.2154	-0.0084	-0.0042
28	130	-108	0.1428	127	-122	0.1494	0.0066	0.0042
30	142	-118	0.1560	124	-117	0.1446	-0.0114	-0.0024
32	214	-191	0.2430	201	-193	0.2364	-0.0066	0.0090
34	251	-228	0.2874	243	-236	0.2874	0.0000	0.0156
36	232	-210	0.2652	220	-215	0.2610	-0.0042	0.0156
38	445	-425	0.5220	427	-423	0.5100	-0.0120	0.0198
40	627	-603	0.7380	614	-605	0.7314	-0.0066	0.0318
42	837	-814	0.9906	821	-812	0.9798	-0.0108	0.0384
44	911	-889	1.0800	907	-902	1.0854	0.0054	0.0492
46	678	-656	0.8004	686	-679	0.8190	0.0186	0.0438
48	430	-408	0.5028	429	-421	0.5100	0.0072	0.0252
50	252	-229	0.2886	253	-241	0.2964	0.0078	0.0180
52	22	1	0.0126	25	-19	0.0264	0.0138	0.0102
54	-278	303	-0.3486	-274	281	-0.3330	0.0156	-0.0036
56	-535	561	-0.6576	-538	549	-0.6522	0.0054	-0.0192
58	-504	526	-0.6180	-523	529	-0.6312	-0.0132	-0.0246
60	-255	280	-0.3210	-279	287	-0.3396	-0.0186	-0.0114
62	46	-22	0.0408	23	-15	0.0228	-0.0180	0.0072
64	261	-237	0.2988	248	-241	0.2934	-0.0054	0.0252
66	347	-323	0.4020	345	-335	0.4080	0.0060	0.0306
68	395	-374	0.4614	388	-382	0.4620	0.0006	0.0246
70	430	-404	0.5004	421	-411	0.4992	-0.0012	0.0240
72	447	-425	0.5232	439	-433	0.5232	0.0000	0.0252
74	441	-418	0.5154	437	-430	0.5202	0.0048	0.0252
76	412	-387	0.4794	414	-407	0.4926	0.0132	0.0204
78	369	-346	0.4290	369	-363	0.4392	0.0102	0.0072
80	339	-315	0.3924	335	-327	0.3972	0.0048	-0.0030
82	355	-333	0.4128	343	-338	0.4086	-0.0042	-0.0078
84	416	-393	0.4854	405	-398	0.4818	-0.0036	-0.0036

**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 7/14/2009 7:26:22 AM

**INITIAL SURVEY** 5/18/2009 5:45:27 PM

**DATE PRINTED** 7/15/2009 10:20:57 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
86	0	0	0.0000	0	0	0.0000	0.0000	0.0000



**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 5/21/2009 3:20:34 PM

**INITIAL SURVEY** 5/18/2009 5:45:27 PM

**DATE PRINTED** 7/15/2009 10:21:06 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
8	265	-226	0.2946	251	-213	0.2784	-0.0162	-0.0762
10	202	-166	0.2208	203	-166	0.2214	0.0006	-0.0600
12	209	-170	0.2274	207	-170	0.2262	-0.0012	-0.0606
14	277	-241	0.3108	273	-239	0.3072	-0.0036	-0.0594
16	341	-315	0.3936	339	-315	0.3924	-0.0012	-0.0558
18	333	-297	0.3780	331	-297	0.3768	-0.0012	-0.0546
20	258	-224	0.2892	256	-224	0.2880	-0.0012	-0.0534
22	158	-122	0.1680	159	-123	0.1692	0.0012	-0.0522
24	82	-42	0.0744	81	-42	0.0738	-0.0006	-0.0534
26	2	21	-0.0114	2	26	-0.0144	-0.0030	-0.0528
28	-30	67	-0.0582	-42	67	-0.0654	-0.0072	-0.0498
30	-14	49	-0.0378	-18	49	-0.0402	-0.0024	-0.0426
32	103	-74	0.1062	96	-72	0.1008	-0.0054	-0.0402
34	185	-143	0.1968	179	-145	0.1944	-0.0024	-0.0348
36	152	-127	0.1674	152	-126	0.1668	-0.0006	-0.0324
38	277	-274	0.3306	273	-267	0.3240	-0.0066	-0.0318
40	513	-502	0.6090	503	-495	0.5988	-0.0102	-0.0252
42	731	-704	0.8610	723	-699	0.8532	-0.0078	-0.0150
44	759	-722	0.8886	756	-723	0.8874	-0.0012	-0.0072
46	555	-537	0.6552	562	-548	0.6660	0.0108	-0.0060
48	236	-227	0.2778	240	-238	0.2868	0.0090	-0.0168
50	-39	49	-0.0528	-34	38	-0.0432	0.0096	-0.0258
52	-312	319	-0.3786	-305	312	-0.3702	0.0084	-0.0354
54	-550	573	-0.6738	-545	566	-0.6666	0.0072	-0.0438
56	-669	683	-0.8112	-673	686	-0.8154	-0.0042	-0.0510
58	-422	422	-0.5064	-426	430	-0.5136	-0.0072	-0.0468
60	-133	142	-0.1650	-146	150	-0.1776	-0.0126	-0.0396
62	114	-99	0.1278	102	-87	0.1134	-0.0144	-0.0270
64	311	-290	0.3606	303	-287	0.3540	-0.0066	-0.0126
66	410	-381	0.4746	410	-378	0.4728	-0.0018	-0.0060
68	345	-312	0.3942	343	-315	0.3948	0.0006	-0.0042
70	271	-234	0.3030	270	-239	0.3054	0.0024	-0.0048
72	229	-191	0.2520	227	-193	0.2520	0.0000	-0.0072
74	213	-173	0.2316	208	-174	0.2292	-0.0024	-0.0072
76	183	-152	0.2010	185	-155	0.2040	0.0030	-0.0048
78	198	-163	0.2166	193	-162	0.2130	-0.0036	-0.0078
80	225	-186	0.2466	220	-189	0.2454	-0.0012	-0.0042
82	225	-185	0.2460	222	-187	0.2454	-0.0006	-0.0030
84	220	-183	0.2418	216	-183	0.2394	-0.0024	-0.0024

**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 5/21/2009 3:20:34 PM  
**INITIAL SURVEY** 5/18/2009 5:45:27 PM  
**DATE PRINTED** 7/15/2009 10:21:07 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
86	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 6/4/2009 3:57:53 PM

**INITIAL SURVEY** 5/18/2009 5:45:27 PM

**DATE PRINTED** 7/15/2009 10:21:07 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
8	265	-226	0.2946	245	-207	0.2712	-0.0234	0.0360
10	202	-166	0.2208	205	-169	0.2244	0.0036	0.0594
12	209	-170	0.2274	209	-177	0.2316	0.0042	0.0558
14	277	-241	0.3108	276	-247	0.3138	0.0030	0.0516
16	341	-315	0.3936	339	-318	0.3942	0.0006	0.0486
18	333	-297	0.3780	332	-297	0.3774	-0.0006	0.0480
20	258	-224	0.2892	259	-226	0.2910	0.0018	0.0486
22	158	-122	0.1680	160	-127	0.1722	0.0042	0.0468
24	82	-42	0.0744	84	-47	0.0786	0.0042	0.0426
26	2	21	-0.0114	0	23	0.0000	0.0114	0.0384
28	-30	67	-0.0582	-33	67	-0.0600	-0.0018	0.0270
30	-14	49	-0.0378	-17	47	-0.0384	-0.0006	0.0288
32	103	-74	0.1062	99	-75	0.1044	-0.0018	0.0294
34	185	-143	0.1968	182	-145	0.1962	-0.0006	0.0312
36	152	-127	0.1674	153	-128	0.1686	0.0012	0.0318
38	277	-274	0.3306	275	-270	0.3270	-0.0036	0.0306
40	513	-502	0.6090	507	-495	0.6012	-0.0078	0.0342
42	731	-704	0.8610	727	-702	0.8574	-0.0036	0.0420
44	759	-722	0.8886	755	-723	0.8868	-0.0018	0.0456
46	555	-537	0.6552	563	-548	0.6666	0.0114	0.0474
48	236	-227	0.2778	239	-237	0.2856	0.0078	0.0360
50	-39	49	-0.0528	-33	39	-0.0432	0.0096	0.0282
52	-312	319	-0.3786	-305	309	-0.3684	0.0102	0.0186
54	-550	573	-0.6738	-546	567	-0.6678	0.0060	0.0084
56	-669	683	-0.8112	-671	680	-0.8106	0.0006	0.0024
58	-422	422	-0.5064	-423	425	-0.5088	-0.0024	0.0018
60	-133	142	-0.1650	-143	146	-0.1734	-0.0084	0.0042
62	114	-99	0.1278	107	-90	0.1182	-0.0096	0.0126
64	311	-290	0.3606	307	-288	0.3570	-0.0036	0.0222
66	410	-381	0.4746	413	-381	0.4764	0.0018	0.0258
68	345	-312	0.3942	347	-315	0.3972	0.0030	0.0240
70	271	-234	0.3030	272	-239	0.3066	0.0036	0.0210
72	229	-191	0.2520	231	-195	0.2556	0.0036	0.0174
74	213	-173	0.2316	213	-175	0.2328	0.0012	0.0138
76	183	-152	0.2010	188	-158	0.2076	0.0066	0.0126
78	198	-163	0.2166	195	-165	0.2160	-0.0006	0.0060
80	225	-186	0.2466	224	-191	0.2490	0.0024	0.0066
82	225	-185	0.2460	225	-189	0.2484	0.0024	0.0042
84	220	-183	0.2418	221	-185	0.2436	0.0018	0.0018

**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 6/4/2009 3:57:53 PM  
**INITIAL SURVEY** 5/18/2009 5:45:27 PM  
**DATE PRINTED** 7/15/2009 10:21:07 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
86	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 6/16/2009 6:29:00 PM

**INITIAL SURVEY** 5/18/2009 5:45:27 PM

**DATE PRINTED** 7/15/2009 10:21:07 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
8	265	-226	0.2946	225	-226	0.2706	-0.0240	-0.0312
10	202	-166	0.2208	189	-189	0.2268	0.0060	-0.0072
12	209	-170	0.2274	190	-191	0.2286	0.0012	-0.0132
14	277	-241	0.3108	259	-259	0.3108	0.0000	-0.0144
16	341	-315	0.3936	328	-328	0.3936	0.0000	-0.0144
18	333	-297	0.3780	312	-311	0.3738	-0.0042	-0.0144
20	258	-224	0.2892	243	-241	0.2904	0.0012	-0.0102
22	158	-122	0.1680	145	-143	0.1728	0.0048	-0.0114
24	82	-42	0.0744	65	-64	0.0774	0.0030	-0.0162
26	2	21	-0.0114	-9	11	-0.0120	-0.0006	-0.0192
28	-30	67	-0.0582	-51	53	-0.0624	-0.0042	-0.0186
30	-14	49	-0.0378	-32	33	-0.0390	-0.0012	-0.0144
32	103	-74	0.1062	83	-82	0.0990	-0.0072	-0.0132
34	185	-143	0.1968	163	-163	0.1956	-0.0012	-0.0060
36	152	-127	0.1674	142	-140	0.1692	0.0018	-0.0048
38	277	-274	0.3306	263	-262	0.3150	-0.0156	-0.0066
40	513	-502	0.6090	495	-489	0.5904	-0.0186	0.0090
42	731	-704	0.8610	710	-705	0.8490	-0.0120	0.0276
44	759	-722	0.8886	740	-740	0.8880	-0.0006	0.0396
46	555	-537	0.6552	564	-561	0.6750	0.0198	0.0402
48	236	-227	0.2778	250	-250	0.3000	0.0222	0.0204
50	-39	49	-0.0528	-23	26	-0.0294	0.0234	-0.0018
52	-312	319	-0.3786	-295	298	-0.3558	0.0228	-0.0252
54	-550	573	-0.6738	-553	555	-0.6648	0.0090	-0.0480
56	-669	683	-0.8112	-677	682	-0.8154	-0.0042	-0.0570
58	-422	422	-0.5064	-433	435	-0.5208	-0.0144	-0.0528
60	-133	142	-0.1650	-156	158	-0.1884	-0.0234	-0.0384
62	114	-99	0.1278	91	-89	0.1080	-0.0198	-0.0150
64	311	-290	0.3606	293	-291	0.3504	-0.0102	0.0048
66	410	-381	0.4746	399	-395	0.4764	0.0018	0.0150
68	345	-312	0.3942	329	-329	0.3948	0.0006	0.0132
70	271	-234	0.3030	256	-255	0.3066	0.0036	0.0126
72	229	-191	0.2520	212	-209	0.2526	0.0006	0.0090
74	213	-173	0.2316	194	-195	0.2334	0.0018	0.0084
76	183	-152	0.2010	175	-173	0.2088	0.0078	0.0066
78	198	-163	0.2166	178	-178	0.2136	-0.0030	-0.0012
80	225	-186	0.2466	206	-205	0.2466	0.0000	0.0018
82	225	-185	0.2460	207	-204	0.2466	0.0006	0.0018
84	220	-183	0.2418	202	-203	0.2430	0.0012	0.0012

**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 6/16/2009 6:29:00 PM  
**INITIAL SURVEY** 5/18/2009 5:45:27 PM  
**DATE PRINTED** 7/15/2009 10:21:07 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
86	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 6/29/2009 2:24:34 PM

**INITIAL SURVEY** 5/18/2009 5:45:27 PM

**DATE PRINTED** 7/15/2009 10:21:07 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
10	202	-166	0.2208	217	-161	0.2268	0.0060	-0.0054
12	209	-170	0.2274	218	-165	0.2298	0.0024	-0.0114
14	277	-241	0.3108	285	-243	0.3168	0.0060	-0.0138
16	341	-315	0.3936	347	-309	0.3936	0.0000	-0.0198
18	333	-297	0.3780	339	-289	0.3768	-0.0012	-0.0198
20	258	-224	0.2892	267	-215	0.2892	0.0000	-0.0186
22	158	-122	0.1680	170	-117	0.1722	0.0042	-0.0186
24	82	-42	0.0744	93	-42	0.0810	0.0066	-0.0228
26	2	21	-0.0114	10	39	-0.0174	-0.0060	-0.0294
28	-30	67	-0.0582	-24	80	-0.0624	-0.0042	-0.0234
30	-14	49	-0.0378	-11	55	-0.0396	-0.0018	-0.0192
32	103	-74	0.1062	111	-63	0.1044	-0.0018	-0.0174
34	185	-143	0.1968	181	-135	0.1896	-0.0072	-0.0156
36	152	-127	0.1674	162	-116	0.1668	-0.0006	-0.0084
38	277	-274	0.3306	282	-248	0.3180	-0.0126	-0.0078
40	513	-502	0.6090	517	-474	0.5946	-0.0144	0.0048
42	731	-704	0.8610	733	-685	0.8508	-0.0102	0.0192
44	759	-722	0.8886	759	-709	0.8808	-0.0078	0.0294
46	555	-537	0.6552	575	-533	0.6648	0.0096	0.0372
48	236	-227	0.2778	256	-230	0.2916	0.0138	0.0276
50	-39	49	-0.0528	-12	50	-0.0372	0.0156	0.0138
52	-312	319	-0.3786	-285	314	-0.3594	0.0192	-0.0018
54	-550	573	-0.6738	-539	578	-0.6702	0.0036	-0.0210
56	-669	683	-0.8112	-660	685	-0.8070	0.0042	-0.0246
58	-422	422	-0.5064	-410	445	-0.5130	-0.0066	-0.0288
60	-133	142	-0.1650	-134	162	-0.1776	-0.0126	-0.0222
62	114	-99	0.1278	119	-85	0.1224	-0.0054	-0.0096
64	311	-290	0.3606	318	-279	0.3582	-0.0024	-0.0042
66	410	-381	0.4746	423	-370	0.4758	0.0012	-0.0018
68	345	-312	0.3942	354	-305	0.3954	0.0012	-0.0030
70	271	-234	0.3030	280	-226	0.3036	0.0006	-0.0042
72	229	-191	0.2520	231	-179	0.2460	-0.0060	-0.0048
74	213	-173	0.2316	216	-163	0.2274	-0.0042	0.0012
76	183	-152	0.2010	196	-148	0.2064	0.0054	0.0054
78	198	-163	0.2166	207	-153	0.2160	-0.0006	0.0000
80	225	-186	0.2466	231	-183	0.2484	0.0018	0.0006
82	225	-185	0.2460	233	-173	0.2436	-0.0024	-0.0012
84	220	-183	0.2418	228	-177	0.2430	0.0012	0.0012
86	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 7/14/2009 7:26:22 AM

**INITIAL SURVEY** 5/18/2009 5:45:27 PM

**DATE PRINTED** 7/15/2009 10:21:07 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
8	265	-226	0.2946	260	-197	0.2742	-0.0204	-0.0960
10	202	-166	0.2208	225	-160	0.2310	0.0102	-0.0756
12	209	-170	0.2274	218	-161	0.2274	0.0000	-0.0858
14	277	-241	0.3108	286	-233	0.3114	0.0006	-0.0858
16	341	-315	0.3936	354	-302	0.3936	0.0000	-0.0864
18	333	-297	0.3780	340	-282	0.3732	-0.0048	-0.0864
20	258	-224	0.2892	271	-214	0.2910	0.0018	-0.0816
22	158	-122	0.1680	175	-116	0.1746	0.0066	-0.0834
24	82	-42	0.0744	95	-34	0.0774	0.0030	-0.0900
26	2	21	-0.0114	11	40	-0.0174	-0.0060	-0.0930
28	-30	67	-0.0582	-27	74	-0.0606	-0.0024	-0.0870
30	-14	49	-0.0378	-3	62	-0.0390	-0.0012	-0.0846
32	103	-74	0.1062	105	-58	0.0978	-0.0084	-0.0834
34	185	-143	0.1968	187	-130	0.1902	-0.0066	-0.0750
36	152	-127	0.1674	164	-113	0.1662	-0.0012	-0.0684
38	277	-274	0.3306	279	-248	0.3162	-0.0144	-0.0672
40	513	-502	0.6090	503	-475	0.5868	-0.0222	-0.0528
42	731	-704	0.8610	734	-680	0.8484	-0.0126	-0.0306
44	759	-722	0.8886	761	-706	0.8802	-0.0084	-0.0180
46	555	-537	0.6552	581	-539	0.6720	0.0168	-0.0096
48	236	-227	0.2778	263	-221	0.2904	0.0126	-0.0264
50	-39	49	-0.0528	-2	26	-0.0168	0.0360	-0.0390
52	-312	319	-0.3786	-285	321	-0.3636	0.0150	-0.0750
54	-550	573	-0.6738	-536	573	-0.6654	0.0084	-0.0900
56	-669	683	-0.8112	-657	690	-0.8082	0.0030	-0.0984
58	-422	422	-0.5064	-448	454	-0.5412	-0.0348	-0.1014
60	-133	142	-0.1650	-152	167	-0.1914	-0.0264	-0.0666
62	114	-99	0.1278	83	-77	0.0960	-0.0318	-0.0402
64	311	-290	0.3606	301	-276	0.3462	-0.0144	-0.0084
66	410	-381	0.4746	413	-365	0.4668	-0.0078	0.0060
68	345	-312	0.3942	356	-298	0.3924	-0.0018	0.0138
70	271	-234	0.3030	281	-245	0.3156	0.0126	0.0156
72	229	-191	0.2520	239	-177	0.2496	-0.0024	0.0030
74	213	-173	0.2316	221	-169	0.2340	0.0024	0.0054
76	183	-152	0.2010	201	-142	0.2058	0.0048	0.0030
78	198	-163	0.2166	208	-155	0.2178	0.0012	-0.0018
80	225	-186	0.2466	234	-174	0.2448	-0.0018	-0.0030
82	225	-185	0.2460	236	-181	0.2502	0.0042	-0.0012
84	220	-183	0.2418	225	-169	0.2364	-0.0054	-0.0054



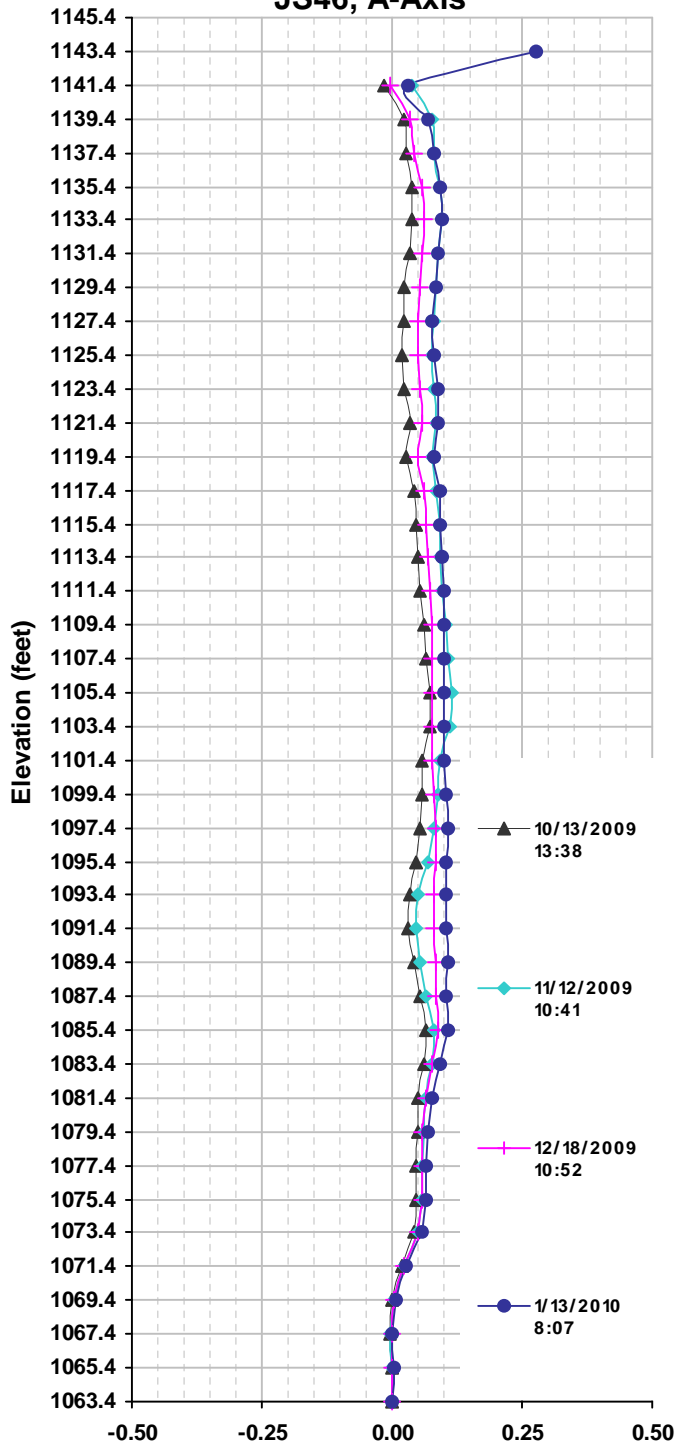
**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 7/14/2009 7:26:22 AM  
**INITIAL SURVEY** 5/18/2009 5:45:27 PM  
**DATE PRINTED** 7/15/2009 10:21:07 AM

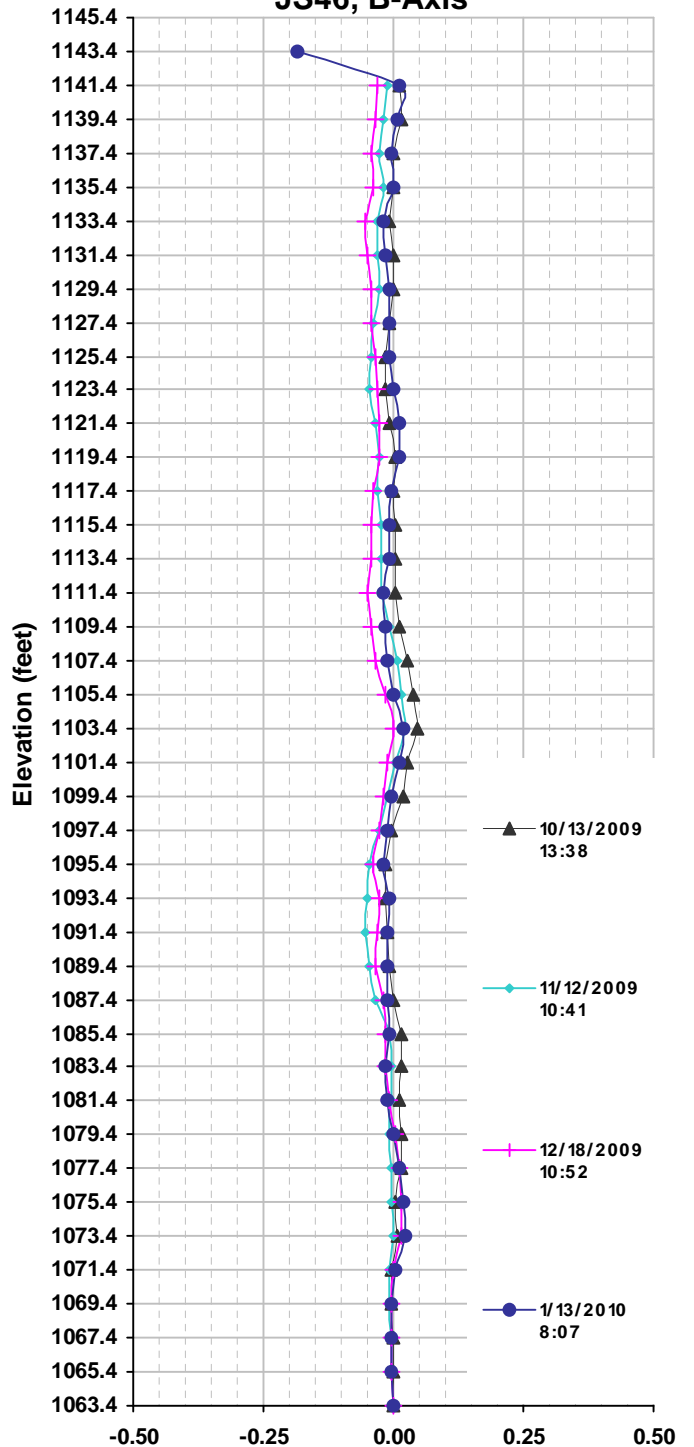
Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
86	0	0	0.0000	0	0	0.0000	0.0000	0.0000

JS46, A-Axis

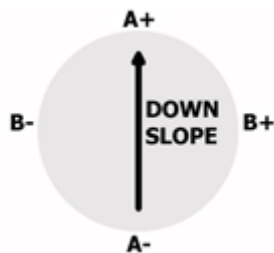


JS46, B-Axis



Cumulative Displacement (in) from 5/18/2009

Cumulative Displacement (in) from 5/18/2009



John Sevier Fossil Plant

Rogersville, TN

175569038

1/13/2010

**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 1:38:58 PM

**INITIAL SURVEY** 5/18/2009 5:45:27 PM

**DATE PRINTED** 1/13/2010 11:37:57 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
8	-309	329	-0.3828	-349	353	-0.4212	-0.0384	-0.0138
10	-261	282	-0.3258	-269	277	-0.3276	-0.0018	0.0246
12	-170	187	-0.2142	-188	192	-0.2280	-0.0138	0.0264
14	-27	48	-0.0450	-33	41	-0.0444	0.0006	0.0402
16	67	-45	0.0672	68	-55	0.0738	0.0066	0.0396
18	95	-75	0.1020	96	-89	0.1110	0.0090	0.0330
20	97	-72	0.1014	91	-81	0.1032	0.0018	0.0240
22	117	-96	0.1278	113	-106	0.1314	0.0036	0.0222
24	161	-137	0.1788	149	-141	0.1740	-0.0048	0.0186
26	199	-174	0.2238	183	-173	0.2136	-0.0102	0.0234
28	130	-108	0.1428	127	-119	0.1476	0.0048	0.0336
30	142	-118	0.1560	125	-115	0.1440	-0.0120	0.0288
32	214	-191	0.2430	202	-195	0.2382	-0.0048	0.0408
34	251	-228	0.2874	241	-233	0.2844	-0.0030	0.0456
36	232	-210	0.2652	222	-213	0.2610	-0.0042	0.0486
38	445	-425	0.5220	431	-425	0.5136	-0.0084	0.0528
40	627	-603	0.7380	616	-607	0.7338	-0.0042	0.0612
42	837	-814	0.9906	823	-814	0.9822	-0.0084	0.0654
44	911	-889	1.0800	905	-899	1.0824	0.0024	0.0738
46	678	-656	0.8004	682	-674	0.8136	0.0132	0.0714
48	430	-408	0.5028	425	-417	0.5052	0.0024	0.0582
50	252	-229	0.2886	249	-235	0.2904	0.0018	0.0558
52	22	1	0.0126	22	-14	0.0216	0.0090	0.0540
54	-278	303	-0.3486	-277	285	-0.3372	0.0114	0.0450
56	-535	561	-0.6576	-540	551	-0.6546	0.0030	0.0336
58	-504	526	-0.6180	-518	529	-0.6282	-0.0102	0.0306
60	-255	280	-0.3210	-271	285	-0.3336	-0.0126	0.0408
62	46	-22	0.0408	29	-19	0.0288	-0.0120	0.0534
64	261	-237	0.2988	257	-248	0.3030	0.0042	0.0654
66	347	-323	0.4020	349	-338	0.4122	0.0102	0.0612
68	395	-374	0.4614	390	-383	0.4638	0.0024	0.0510
70	430	-404	0.5004	423	-413	0.5016	0.0012	0.0486
72	447	-425	0.5232	441	-433	0.5244	0.0012	0.0474
74	441	-418	0.5154	437	-430	0.5202	0.0048	0.0462
76	412	-387	0.4794	423	-414	0.5022	0.0228	0.0414
78	369	-346	0.4290	376	-367	0.4458	0.0168	0.0186
80	339	-315	0.3924	337	-327	0.3984	0.0060	0.0018
82	355	-333	0.4128	345	-338	0.4098	-0.0030	-0.0042
84	416	-393	0.4854	407	-400	0.4842	-0.0012	-0.0012

**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 1:38:58 PM

**INITIAL SURVEY** 5/18/2009 5:45:27 PM

**DATE PRINTED** 1/13/2010 11:37:58 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
86	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 11/12/2009 10:41:31 AM

**INITIAL SURVEY** 5/18/2009 5:45:27 PM

**DATE PRINTED** 1/13/2010 11:37:58 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
8	-309	329	-0.3828	-348	355	-0.4218	-0.0390	0.0384
10	-261	282	-0.3258	-271	278	-0.3294	-0.0036	0.0774
12	-170	187	-0.2142	-186	191	-0.2262	-0.0120	0.0810
14	-27	48	-0.0450	-37	45	-0.0492	-0.0042	0.0930
16	67	-45	0.0672	69	-57	0.0756	0.0084	0.0972
18	95	-75	0.1020	93	-85	0.1068	0.0048	0.0888
20	97	-72	0.1014	92	-82	0.1044	0.0030	0.0840
22	117	-96	0.1278	115	-107	0.1332	0.0054	0.0810
24	161	-137	0.1788	150	-142	0.1752	-0.0036	0.0756
26	199	-174	0.2238	189	-178	0.2202	-0.0036	0.0792
28	130	-108	0.1428	129	-121	0.1500	0.0072	0.0828
30	142	-118	0.1560	126	-117	0.1458	-0.0102	0.0756
32	214	-191	0.2430	203	-194	0.2382	-0.0048	0.0858
34	251	-228	0.2874	243	-233	0.2856	-0.0018	0.0906
36	232	-210	0.2652	222	-214	0.2616	-0.0036	0.0924
38	445	-425	0.5220	431	-426	0.5142	-0.0078	0.0960
40	627	-603	0.7380	618	-607	0.7350	-0.0030	0.1038
42	837	-814	0.9906	823	-813	0.9816	-0.0090	0.1068
44	911	-889	1.0800	907	-900	1.0842	0.0042	0.1158
46	678	-656	0.8004	689	-674	0.8178	0.0174	0.1116
48	430	-408	0.5028	431	-418	0.5094	0.0066	0.0942
50	252	-229	0.2886	250	-241	0.2946	0.0060	0.0876
52	22	1	0.0126	27	-17	0.0264	0.0138	0.0816
54	-278	303	-0.3486	-274	279	-0.3318	0.0168	0.0678
56	-535	561	-0.6576	-536	551	-0.6522	0.0054	0.0510
58	-504	526	-0.6180	-519	527	-0.6276	-0.0096	0.0456
60	-255	280	-0.3210	-272	283	-0.3330	-0.0120	0.0552
62	46	-22	0.0408	25	-18	0.0258	-0.0150	0.0672
64	261	-237	0.2988	258	-249	0.3042	0.0054	0.0822
66	347	-323	0.4020	350	-338	0.4128	0.0108	0.0768
68	395	-374	0.4614	391	-386	0.4662	0.0048	0.0660
70	430	-404	0.5004	424	-413	0.5022	0.0018	0.0612
72	447	-425	0.5232	442	-433	0.5250	0.0018	0.0594
74	441	-418	0.5154	441	-431	0.5232	0.0078	0.0576
76	412	-387	0.4794	426	-417	0.5058	0.0264	0.0498
78	369	-346	0.4290	379	-369	0.4488	0.0198	0.0234
80	339	-315	0.3924	339	-329	0.4008	0.0084	0.0036
82	355	-333	0.4128	345	-337	0.4092	-0.0036	-0.0048
84	416	-393	0.4854	409	-398	0.4842	-0.0012	-0.0012

**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 11/12/2009 10:41:31 AM

**INITIAL SURVEY** 5/18/2009 5:45:27 PM

**DATE PRINTED** 1/13/2010 11:37:58 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
86	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 12/18/2009 10:52:54 AM

**INITIAL SURVEY** 5/18/2009 5:45:27 PM

**DATE PRINTED** 1/13/2010 11:37:58 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
8	-309	329	-0.3828	-352	350	-0.4212	-0.0384	-0.0048
10	-261	282	-0.3258	-279	280	-0.3354	-0.0096	0.0336
12	-170	187	-0.2142	-191	188	-0.2274	-0.0132	0.0432
14	-27	48	-0.0450	-43	42	-0.0510	-0.0060	0.0564
16	67	-45	0.0672	61	-62	0.0738	0.0066	0.0624
18	95	-75	0.1020	86	-90	0.1056	0.0036	0.0558
20	97	-72	0.1014	87	-88	0.1050	0.0036	0.0522
22	117	-96	0.1278	105	-107	0.1272	-0.0006	0.0486
24	161	-137	0.1788	143	-145	0.1728	-0.0060	0.0492
26	199	-174	0.2238	185	-186	0.2226	-0.0012	0.0552
28	130	-108	0.1428	122	-125	0.1482	0.0054	0.0564
30	142	-118	0.1560	121	-122	0.1458	-0.0102	0.0510
32	214	-191	0.2430	198	-200	0.2388	-0.0042	0.0612
34	251	-228	0.2874	235	-237	0.2832	-0.0042	0.0654
36	232	-210	0.2652	218	-218	0.2616	-0.0036	0.0696
38	445	-425	0.5220	429	-434	0.5178	-0.0042	0.0732
40	627	-603	0.7380	614	-615	0.7374	-0.0006	0.0774
42	837	-814	0.9906	823	-827	0.9900	-0.0006	0.0780
44	911	-889	1.0800	900	-903	1.0818	0.0018	0.0786
46	678	-656	0.8004	666	-668	0.8004	0.0000	0.0768
48	430	-408	0.5028	413	-418	0.4986	-0.0042	0.0768
50	252	-229	0.2886	236	-238	0.2844	-0.0042	0.0810
52	22	1	0.0126	11	-13	0.0144	0.0018	0.0852
54	-278	303	-0.3486	-289	285	-0.3444	0.0042	0.0834
56	-535	561	-0.6576	-551	549	-0.6600	-0.0024	0.0792
58	-504	526	-0.6180	-519	517	-0.6216	-0.0036	0.0816
60	-255	280	-0.3210	-269	268	-0.3222	-0.0012	0.0852
62	46	-22	0.0408	30	-32	0.0372	-0.0036	0.0864
64	261	-237	0.2988	256	-261	0.3102	0.0114	0.0900
66	347	-323	0.4020	345	-345	0.4140	0.0120	0.0786
68	395	-374	0.4614	387	-394	0.4686	0.0072	0.0666
70	430	-404	0.5004	419	-419	0.5028	0.0024	0.0594
72	447	-425	0.5232	436	-438	0.5244	0.0012	0.0570
74	441	-418	0.5154	433	-436	0.5214	0.0060	0.0558
76	412	-387	0.4794	421	-423	0.5064	0.0270	0.0498
78	369	-346	0.4290	370	-374	0.4464	0.0174	0.0228
80	339	-315	0.3924	332	-333	0.3990	0.0066	0.0054
82	355	-333	0.4128	341	-343	0.4104	-0.0024	-0.0012
84	416	-393	0.4854	404	-407	0.4866	0.0012	0.0012

**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 12/18/2009 10:52:54 AM  
**INITIAL SURVEY** 5/18/2009 5:45:27 PM  
**DATE PRINTED** 1/13/2010 11:37:58 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
86	0	0	0.0000	0	0	0.0000	0.0000	0.0000



**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 1/13/2010 8:07:54 AM

**INITIAL SURVEY** 5/18/2009 5:45:27 PM

**DATE PRINTED** 1/13/2010 11:37:58 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
6	-410	409	-0.4914	-206	203	-0.2454	0.2460	0.2784
8	-309	329	-0.3828	-347	350	-0.4182	-0.0354	0.0324
10	-261	282	-0.3258	-280	284	-0.3384	-0.0126	0.0678
12	-170	187	-0.2142	-187	188	-0.2250	-0.0108	0.0804
14	-27	48	-0.0450	-40	42	-0.0492	-0.0042	0.0912
16	67	-45	0.0672	64	-61	0.0750	0.0078	0.0954
18	95	-75	0.1020	87	-87	0.1044	0.0024	0.0876
20	97	-72	0.1014	92	-88	0.1080	0.0066	0.0852
22	117	-96	0.1278	106	-103	0.1254	-0.0024	0.0786
24	161	-137	0.1788	146	-142	0.1728	-0.0060	0.0810
26	199	-174	0.2238	188	-185	0.2238	0.0000	0.0870
28	130	-108	0.1428	125	-123	0.1488	0.0060	0.0870
30	142	-118	0.1560	124	-120	0.1464	-0.0096	0.0810
32	214	-191	0.2430	201	-199	0.2400	-0.0030	0.0906
34	251	-228	0.2874	238	-235	0.2838	-0.0036	0.0936
36	232	-210	0.2652	221	-218	0.2634	-0.0018	0.0972
38	445	-425	0.5220	433	-433	0.5196	-0.0024	0.0990
40	627	-603	0.7380	616	-614	0.7380	0.0000	0.1014
42	837	-814	0.9906	827	-826	0.9918	0.0012	0.1014
44	911	-889	1.0800	904	-899	1.0818	0.0018	0.1002
46	678	-656	0.8004	668	-664	0.7992	-0.0012	0.0984
48	430	-408	0.5028	415	-416	0.4986	-0.0042	0.0996
50	252	-229	0.2886	239	-236	0.2850	-0.0036	0.1038
52	22	1	0.0126	14	-10	0.0144	0.0018	0.1074
54	-278	303	-0.3486	-287	289	-0.3456	0.0030	0.1056
56	-535	561	-0.6576	-549	551	-0.6600	-0.0024	0.1026
58	-504	526	-0.6180	-515	518	-0.6198	-0.0018	0.1050
60	-255	280	-0.3210	-263	270	-0.3198	0.0012	0.1068
62	46	-22	0.0408	35	-31	0.0396	-0.0012	0.1056
64	261	-237	0.2988	262	-260	0.3132	0.0144	0.1068
66	347	-323	0.4020	349	-344	0.4158	0.0138	0.0924
68	395	-374	0.4614	391	-392	0.4698	0.0084	0.0786
70	430	-404	0.5004	423	-417	0.5040	0.0036	0.0702
72	447	-425	0.5232	440	-436	0.5256	0.0024	0.0666
74	441	-418	0.5154	437	-434	0.5226	0.0072	0.0642
76	412	-387	0.4794	425	-422	0.5082	0.0288	0.0570
78	369	-346	0.4290	375	-373	0.4488	0.0198	0.0282
80	339	-315	0.3924	336	-331	0.4002	0.0078	0.0084
82	355	-333	0.4128	344	-341	0.4110	-0.0018	0.0006

**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 1/13/2010 8:07:54 AM  
**INITIAL SURVEY** 5/18/2009 5:45:27 PM  
**DATE PRINTED** 1/13/2010 11:37:58 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
84	416	-393	0.4854	408	-405	0.4878	0.0024	0.0024
86	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 1:38:58 PM

**INITIAL SURVEY** 5/18/2009 5:45:27 PM

**DATE PRINTED** 1/13/2010 11:38:06 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
8	265	-226	0.2946	269	-215	0.2904	-0.0042	0.0102
10	202	-166	0.2208	225	-165	0.2340	0.0132	0.0144
12	209	-170	0.2274	218	-160	0.2268	-0.0006	0.0012
14	277	-241	0.3108	293	-243	0.3216	0.0108	0.0018
16	341	-315	0.3936	353	-286	0.3834	-0.0102	-0.0090
18	333	-297	0.3780	342	-290	0.3792	0.0012	0.0012
20	258	-224	0.2892	273	-219	0.2952	0.0060	0.0000
22	158	-122	0.1680	176	-118	0.1764	0.0084	-0.0060
24	82	-42	0.0744	94	-34	0.0768	0.0024	-0.0144
26	2	21	-0.0114	8	43	-0.0210	-0.0096	-0.0168
28	-30	67	-0.0582	-26	87	-0.0678	-0.0096	-0.0072
30	-14	49	-0.0378	-3	55	-0.0348	0.0030	0.0024
32	103	-74	0.1062	109	-62	0.1026	-0.0036	-0.0006
34	185	-143	0.1968	193	-134	0.1962	-0.0006	0.0030
36	152	-127	0.1674	165	-115	0.1680	0.0006	0.0036
38	277	-274	0.3306	281	-254	0.3210	-0.0096	0.0030
40	513	-502	0.6090	511	-478	0.5934	-0.0156	0.0126
42	731	-704	0.8610	737	-684	0.8526	-0.0084	0.0282
44	759	-722	0.8886	761	-707	0.8808	-0.0078	0.0366
46	555	-537	0.6552	577	-541	0.6708	0.0156	0.0444
48	236	-227	0.2778	255	-226	0.2886	0.0108	0.0288
50	-39	49	-0.0528	-17	34	-0.0306	0.0222	0.0180
52	-312	319	-0.3786	-290	322	-0.3672	0.0114	-0.0042
54	-550	573	-0.6738	-541	585	-0.6756	-0.0018	-0.0156
56	-669	683	-0.8112	-661	692	-0.8118	-0.0006	-0.0138
58	-422	422	-0.5064	-410	442	-0.5112	-0.0048	-0.0132
60	-133	142	-0.1650	-129	162	-0.1746	-0.0096	-0.0084
62	114	-99	0.1278	110	-81	0.1146	-0.0132	0.0012
64	311	-290	0.3606	321	-277	0.3588	-0.0018	0.0144
66	410	-381	0.4746	427	-370	0.4782	0.0036	0.0162
68	345	-312	0.3942	357	-298	0.3930	-0.0012	0.0126
70	271	-234	0.3030	279	-222	0.3006	-0.0024	0.0138
72	229	-191	0.2520	238	-200	0.2628	0.0108	0.0162
74	213	-173	0.2316	221	-158	0.2274	-0.0042	0.0054
76	183	-152	0.2010	205	-153	0.2148	0.0138	0.0096
78	198	-163	0.2166	210	-149	0.2154	-0.0012	-0.0042
80	225	-186	0.2466	234	-174	0.2448	-0.0018	-0.0030
82	225	-185	0.2460	235	-171	0.2436	-0.0024	-0.0012
84	220	-183	0.2418	233	-172	0.2430	0.0012	0.0012

**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 1:38:58 PM  
**INITIAL SURVEY** 5/18/2009 5:45:27 PM  
**DATE PRINTED** 1/13/2010 11:38:06 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
86	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 11/12/2009 10:41:31 AM

**INITIAL SURVEY** 5/18/2009 5:45:27 PM

**DATE PRINTED** 1/13/2010 11:38:06 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
8	265	-226	0.2946	282	-217	0.2994	0.0048	-0.0132
10	202	-166	0.2208	223	-157	0.2280	0.0072	-0.0180
12	209	-170	0.2274	217	-155	0.2232	-0.0042	-0.0252
14	277	-241	0.3108	295	-241	0.3216	0.0108	-0.0210
16	341	-315	0.3936	351	-301	0.3912	-0.0024	-0.0318
18	333	-297	0.3780	345	-283	0.3768	-0.0012	-0.0294
20	258	-224	0.2892	278	-219	0.2982	0.0090	-0.0282
22	158	-122	0.1680	176	-113	0.1734	0.0054	-0.0372
24	82	-42	0.0744	99	-32	0.0786	0.0042	-0.0426
26	2	21	-0.0114	9	48	-0.0234	-0.0120	-0.0468
28	-30	67	-0.0582	-23	87	-0.0660	-0.0078	-0.0348
30	-14	49	-0.0378	-2	55	-0.0342	0.0036	-0.0270
32	103	-74	0.1062	108	-58	0.0996	-0.0066	-0.0306
34	185	-143	0.1968	194	-131	0.1950	-0.0018	-0.0240
36	152	-127	0.1674	166	-113	0.1674	0.0000	-0.0222
38	277	-274	0.3306	278	-250	0.3168	-0.0138	-0.0222
40	513	-502	0.6090	515	-474	0.5934	-0.0156	-0.0084
42	731	-704	0.8610	738	-682	0.8520	-0.0090	0.0072
44	759	-722	0.8886	765	-707	0.8832	-0.0054	0.0162
46	555	-537	0.6552	584	-537	0.6726	0.0174	0.0216
48	236	-227	0.2778	266	-224	0.2940	0.0162	0.0042
50	-39	49	-0.0528	-14	46	-0.0360	0.0168	-0.0120
52	-312	319	-0.3786	-283	321	-0.3624	0.0162	-0.0288
54	-550	573	-0.6738	-539	573	-0.6672	0.0066	-0.0450
56	-669	683	-0.8112	-658	689	-0.8082	0.0030	-0.0516
58	-422	422	-0.5064	-413	443	-0.5136	-0.0072	-0.0546
60	-133	142	-0.1650	-130	164	-0.1764	-0.0114	-0.0474
62	114	-99	0.1278	89	-78	0.1002	-0.0276	-0.0360
64	311	-290	0.3606	320	-273	0.3558	-0.0048	-0.0084
66	410	-381	0.4746	427	-367	0.4764	0.0018	-0.0036
68	345	-312	0.3942	361	-299	0.3960	0.0018	-0.0054
70	271	-234	0.3030	281	-218	0.2994	-0.0036	-0.0072
72	229	-191	0.2520	241	-177	0.2508	-0.0012	-0.0036
74	213	-173	0.2316	226	-155	0.2286	-0.0030	-0.0024
76	183	-152	0.2010	206	-145	0.2106	0.0096	0.0006
78	198	-163	0.2166	209	-148	0.2142	-0.0024	-0.0090
80	225	-186	0.2466	234	-173	0.2442	-0.0024	-0.0066
82	225	-185	0.2460	237	-171	0.2448	-0.0012	-0.0042
84	220	-183	0.2418	231	-167	0.2388	-0.0030	-0.0030

**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 11/12/2009 10:41:31 AM  
**INITIAL SURVEY** 5/18/2009 5:45:27 PM  
**DATE PRINTED** 1/13/2010 11:38:06 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
86	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 12/18/2009 10:52:54 AM

**INITIAL SURVEY** 5/18/2009 5:45:27 PM

**DATE PRINTED** 1/13/2010 11:38:06 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
8	265	-226	0.2946	236	-257	0.2958	0.0012	-0.0324
10	202	-166	0.2208	176	-207	0.2298	0.0090	-0.0336
12	209	-170	0.2274	180	-192	0.2232	-0.0042	-0.0426
14	277	-241	0.3108	264	-280	0.3264	0.0156	-0.0384
16	341	-315	0.3936	307	-341	0.3888	-0.0048	-0.0540
18	333	-297	0.3780	296	-320	0.3696	-0.0084	-0.0492
20	258	-224	0.2892	235	-251	0.2916	0.0024	-0.0408
22	158	-122	0.1680	124	-143	0.1602	-0.0078	-0.0432
24	82	-42	0.0744	44	-74	0.0708	-0.0036	-0.0354
26	2	21	-0.0114	-26	2	-0.0168	-0.0054	-0.0318
28	-30	67	-0.0582	-59	39	-0.0588	-0.0006	-0.0264
30	-14	49	-0.0378	-31	10	-0.0246	0.0132	-0.0258
32	103	-74	0.1062	88	-97	0.1110	0.0048	-0.0390
34	185	-143	0.1968	147	-176	0.1938	-0.0030	-0.0438
36	152	-127	0.1674	134	-161	0.1770	0.0096	-0.0408
38	277	-274	0.3306	269	-268	0.3222	-0.0084	-0.0504
40	513	-502	0.6090	505	-500	0.6030	-0.0060	-0.0420
42	731	-704	0.8610	693	-708	0.8406	-0.0204	-0.0360
44	759	-722	0.8886	713	-742	0.8730	-0.0156	-0.0156
46	555	-537	0.6552	562	-552	0.6684	0.0132	0.0000
48	236	-227	0.2778	235	-240	0.2850	0.0072	-0.0132
50	-39	49	-0.0528	-42	33	-0.0450	0.0078	-0.0204
52	-312	319	-0.3786	-308	309	-0.3702	0.0084	-0.0282
54	-550	573	-0.6738	-572	567	-0.6834	-0.0096	-0.0366
56	-669	683	-0.8112	-681	663	-0.8064	0.0048	-0.0270
58	-422	422	-0.5064	-422	418	-0.5040	0.0024	-0.0318
60	-133	142	-0.1650	-141	157	-0.1788	-0.0138	-0.0342
62	114	-99	0.1278	102	-103	0.1230	-0.0048	-0.0204
64	311	-290	0.3606	302	-299	0.3606	0.0000	-0.0156
66	410	-381	0.4746	378	-400	0.4668	-0.0078	-0.0156
68	345	-312	0.3942	310	-326	0.3816	-0.0126	-0.0078
70	271	-234	0.3030	230	-266	0.2976	-0.0054	0.0048
72	229	-191	0.2520	185	-228	0.2478	-0.0042	0.0102
74	213	-173	0.2316	174	-211	0.2310	-0.0006	0.0144
76	183	-152	0.2010	160	-198	0.2148	0.0138	0.0150
78	198	-163	0.2166	169	-201	0.2220	0.0054	0.0012
80	225	-186	0.2466	184	-225	0.2454	-0.0012	-0.0042
82	225	-185	0.2460	186	-225	0.2466	0.0006	-0.0030
84	220	-183	0.2418	190	-207	0.2382	-0.0036	-0.0036

**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 12/18/2009 10:52:54 AM  
**INITIAL SURVEY** 5/18/2009 5:45:27 PM  
**DATE PRINTED** 1/13/2010 11:38:06 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
86	0	0	0.0000	0	0	0.0000	0.0000	0.0000



**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 1/13/2010 8:07:54 AM

**INITIAL SURVEY** 5/18/2009 5:45:27 PM

**DATE PRINTED** 1/13/2010 11:38:06 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
6	378	-318	0.4176	179	-189	0.2208	-0.1968	-0.1848
8	265	-226	0.2946	239	-260	0.2994	0.0048	0.0120
10	202	-166	0.2208	182	-202	0.2304	0.0096	0.0072
12	209	-170	0.2274	178	-196	0.2244	-0.0030	-0.0024
14	277	-241	0.3108	266	-283	0.3294	0.0186	0.0006
16	341	-315	0.3936	314	-338	0.3912	-0.0024	-0.0180
18	333	-297	0.3780	300	-314	0.3684	-0.0096	-0.0156
20	258	-224	0.2892	237	-251	0.2928	0.0036	-0.0060
22	158	-122	0.1680	131	-144	0.1650	-0.0030	-0.0096
24	82	-42	0.0744	45	-70	0.0690	-0.0054	-0.0066
26	2	21	-0.0114	-30	12	-0.0252	-0.0138	-0.0012
28	-30	67	-0.0582	-56	38	-0.0564	0.0018	0.0126
30	-14	49	-0.0378	-28	13	-0.0246	0.0132	0.0108
32	103	-74	0.1062	90	-97	0.1122	0.0060	-0.0024
34	185	-143	0.1968	152	-174	0.1956	-0.0012	-0.0084
36	152	-127	0.1674	138	-160	0.1788	0.0114	-0.0072
38	277	-274	0.3306	275	-272	0.3282	-0.0024	-0.0186
40	513	-502	0.6090	510	-500	0.6060	-0.0030	-0.0162
42	731	-704	0.8610	699	-712	0.8466	-0.0144	-0.0132
44	759	-722	0.8886	715	-734	0.8694	-0.0192	0.0012
46	555	-537	0.6552	555	-551	0.6636	0.0084	0.0204
48	236	-227	0.2778	250	-242	0.2952	0.0174	0.0120
50	-39	49	-0.0528	-37	41	-0.0468	0.0060	-0.0054
52	-312	319	-0.3786	-311	310	-0.3726	0.0060	-0.0114
54	-550	573	-0.6738	-573	569	-0.6852	-0.0114	-0.0174
56	-669	683	-0.8112	-679	665	-0.8064	0.0048	-0.0060
58	-422	422	-0.5064	-420	425	-0.5070	-0.0006	-0.0108
60	-133	142	-0.1650	-136	137	-0.1638	0.0012	-0.0102
62	114	-99	0.1278	107	-102	0.1254	-0.0024	-0.0114
64	311	-290	0.3606	308	-306	0.3684	0.0078	-0.0090
66	410	-381	0.4746	381	-399	0.4680	-0.0066	-0.0168
68	345	-312	0.3942	313	-325	0.3828	-0.0114	-0.0102
70	271	-234	0.3030	230	-255	0.2910	-0.0120	0.0012
72	229	-191	0.2520	190	-218	0.2448	-0.0072	0.0132
74	213	-173	0.2316	178	-204	0.2292	-0.0024	0.0204
76	183	-152	0.2010	169	-195	0.2184	0.0174	0.0228
78	198	-163	0.2166	177	-199	0.2256	0.0090	0.0054
80	225	-186	0.2466	194	-217	0.2466	0.0000	-0.0036
82	225	-185	0.2460	194	-214	0.2448	-0.0012	-0.0036

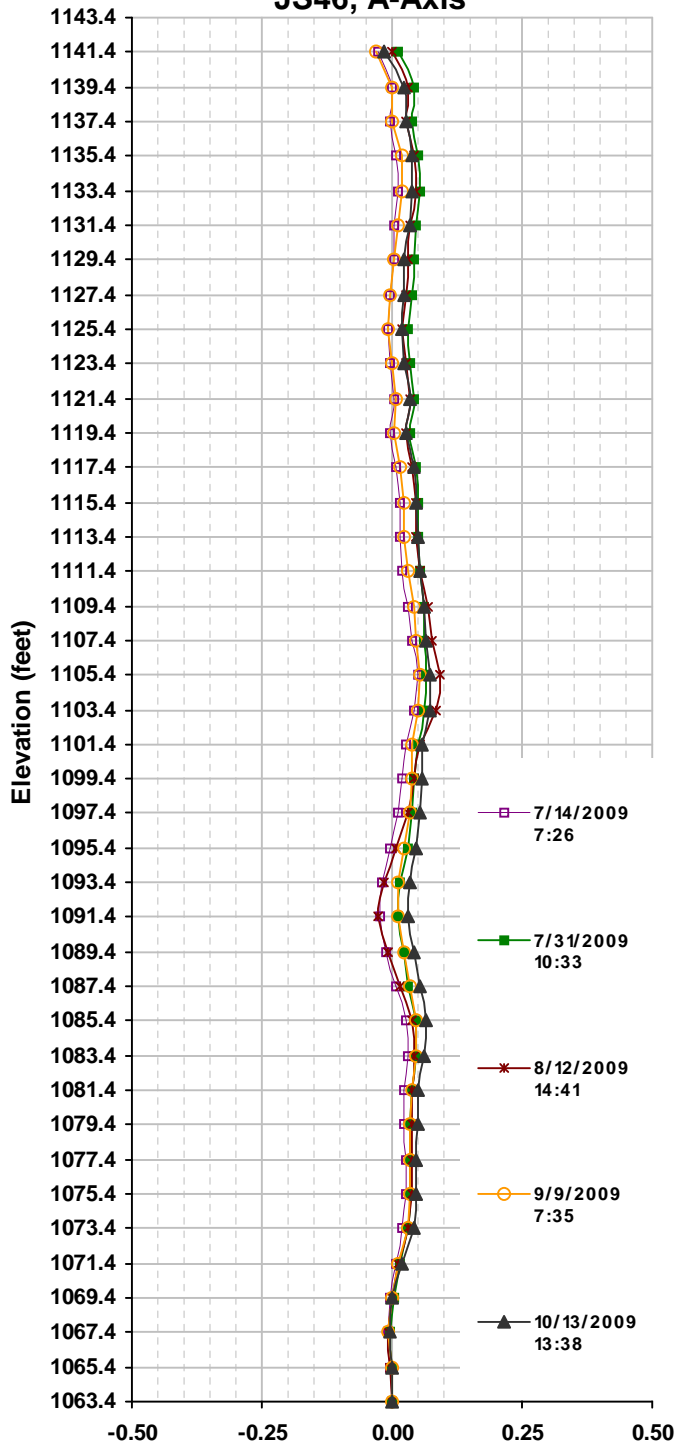
**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 1/13/2010 8:07:54 AM  
**INITIAL SURVEY** 5/18/2009 5:45:27 PM  
**DATE PRINTED** 1/13/2010 11:38:06 AM

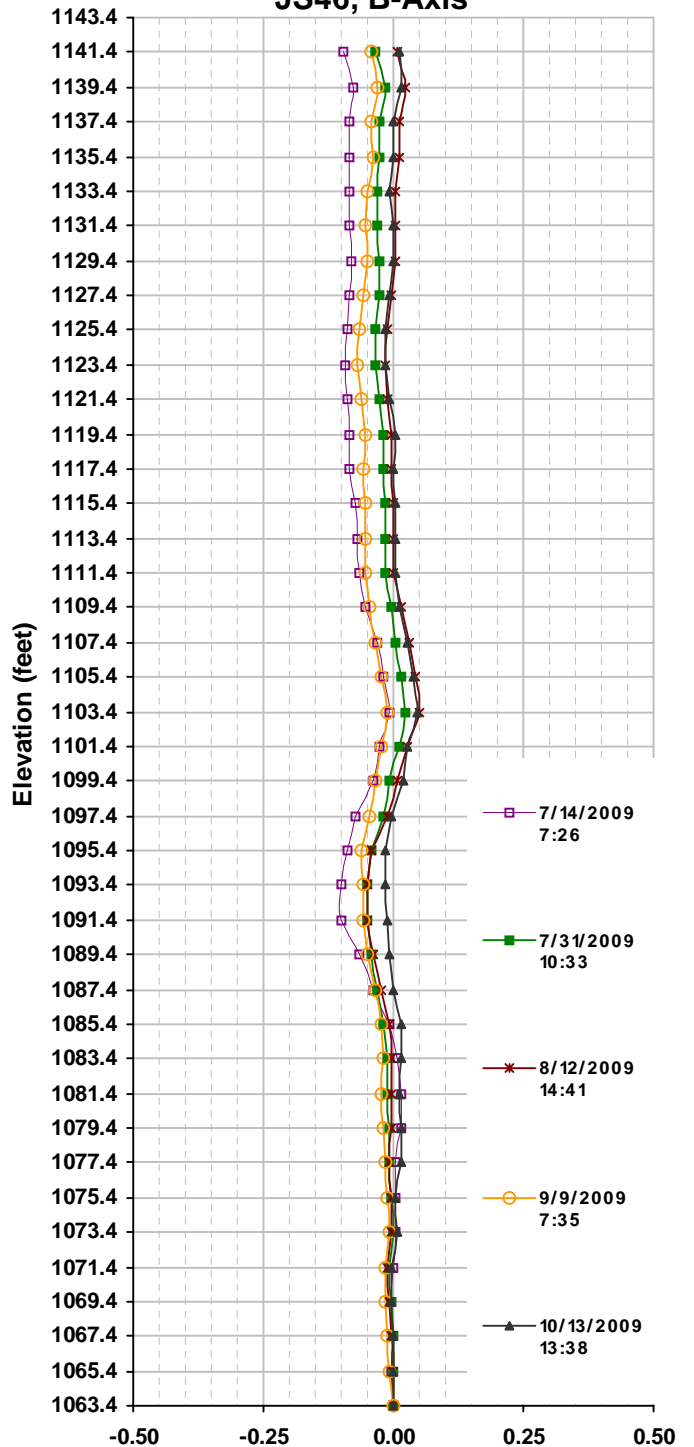
Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
84	220	-183	0.2418	193	-206	0.2394	-0.0024	-0.0024
86	0	0	0.0000	0	0	0.0000	0.0000	0.0000

JS46, A-Axis

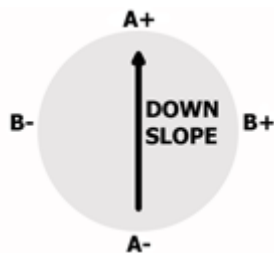


JS46, B-Axis



Cumulative Displacement (in) from 5/18/2009

Cumulative Displacement (in) from 5/18/2009



John Sevier Fossil Plant

Rogersville, TN

175569038

10/15/2009

**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 7/14/2009 7:26:22 AM

**INITIAL SURVEY** 5/18/2009 5:45:27 PM

**DATE PRINTED** 10/15/2009 10:59:04 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
8	-309	329	-0.3828	-337	342	-0.4074	-0.0246	-0.0252
10	-261	282	-0.3258	-267	272	-0.3234	0.0024	-0.0006
12	-170	187	-0.2142	-187	189	-0.2256	-0.0114	-0.0030
14	-27	48	-0.0450	-37	42	-0.0474	-0.0024	0.0084
16	67	-45	0.0672	67	-58	0.0750	0.0078	0.0108
18	95	-75	0.1020	89	-82	0.1026	0.0006	0.0030
20	97	-72	0.1014	92	-85	0.1062	0.0048	0.0024
22	117	-96	0.1278	114	-109	0.1338	0.0060	-0.0024
24	161	-137	0.1788	149	-142	0.1746	-0.0042	-0.0084
26	199	-174	0.2238	184	-175	0.2154	-0.0084	-0.0042
28	130	-108	0.1428	127	-122	0.1494	0.0066	0.0042
30	142	-118	0.1560	124	-117	0.1446	-0.0114	-0.0024
32	214	-191	0.2430	201	-193	0.2364	-0.0066	0.0090
34	251	-228	0.2874	243	-236	0.2874	0.0000	0.0156
36	232	-210	0.2652	220	-215	0.2610	-0.0042	0.0156
38	445	-425	0.5220	427	-423	0.5100	-0.0120	0.0198
40	627	-603	0.7380	614	-605	0.7314	-0.0066	0.0318
42	837	-814	0.9906	821	-812	0.9798	-0.0108	0.0384
44	911	-889	1.0800	907	-902	1.0854	0.0054	0.0492
46	678	-656	0.8004	686	-679	0.8190	0.0186	0.0438
48	430	-408	0.5028	429	-421	0.5100	0.0072	0.0252
50	252	-229	0.2886	253	-241	0.2964	0.0078	0.0180
52	22	1	0.0126	25	-19	0.0264	0.0138	0.0102
54	-278	303	-0.3486	-274	281	-0.3330	0.0156	-0.0036
56	-535	561	-0.6576	-538	549	-0.6522	0.0054	-0.0192
58	-504	526	-0.6180	-523	529	-0.6312	-0.0132	-0.0246
60	-255	280	-0.3210	-279	287	-0.3396	-0.0186	-0.0114
62	46	-22	0.0408	23	-15	0.0228	-0.0180	0.0072
64	261	-237	0.2988	248	-241	0.2934	-0.0054	0.0252
66	347	-323	0.4020	345	-335	0.4080	0.0060	0.0306
68	395	-374	0.4614	388	-382	0.4620	0.0006	0.0246
70	430	-404	0.5004	421	-411	0.4992	-0.0012	0.0240
72	447	-425	0.5232	439	-433	0.5232	0.0000	0.0252
74	441	-418	0.5154	437	-430	0.5202	0.0048	0.0252
76	412	-387	0.4794	414	-407	0.4926	0.0132	0.0204
78	369	-346	0.4290	369	-363	0.4392	0.0102	0.0072
80	339	-315	0.3924	335	-327	0.3972	0.0048	-0.0030
82	355	-333	0.4128	343	-338	0.4086	-0.0042	-0.0078
84	416	-393	0.4854	405	-398	0.4818	-0.0036	-0.0036

**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 7/14/2009 7:26:22 AM  
**INITIAL SURVEY** 5/18/2009 5:45:27 PM  
**DATE PRINTED** 10/15/2009 10:59:04 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
86	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 7/31/2009 10:33:43 AM

**INITIAL SURVEY** 5/18/2009 5:45:27 PM

**DATE PRINTED** 10/15/2009 10:59:04 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
8	-309	329	-0.3828	-341	344	-0.4110	-0.0282	0.0126
10	-261	282	-0.3258	-266	273	-0.3234	0.0024	0.0408
12	-170	187	-0.2142	-188	191	-0.2274	-0.0132	0.0384
14	-27	48	-0.0450	-36	41	-0.0462	-0.0012	0.0516
16	67	-45	0.0672	67	-59	0.0756	0.0084	0.0528
18	95	-75	0.1020	89	-84	0.1038	0.0018	0.0444
20	97	-72	0.1014	94	-85	0.1074	0.0060	0.0426
22	117	-96	0.1278	114	-109	0.1338	0.0060	0.0366
24	161	-137	0.1788	150	-143	0.1758	-0.0030	0.0306
26	199	-174	0.2238	183	-176	0.2154	-0.0084	0.0336
28	130	-108	0.1428	126	-122	0.1488	0.0060	0.0420
30	142	-118	0.1560	126	-118	0.1464	-0.0096	0.0360
32	214	-191	0.2430	203	-195	0.2388	-0.0042	0.0456
34	251	-228	0.2874	243	-235	0.2868	-0.0006	0.0498
36	232	-210	0.2652	222	-214	0.2616	-0.0036	0.0504
38	445	-425	0.5220	433	-423	0.5136	-0.0084	0.0540
40	627	-603	0.7380	618	-611	0.7374	-0.0006	0.0624
42	837	-814	0.9906	829	-818	0.9882	-0.0024	0.0630
44	911	-889	1.0800	905	-901	1.0836	0.0036	0.0654
46	678	-656	0.8004	681	-673	0.8124	0.0120	0.0618
48	430	-408	0.5028	431	-420	0.5106	0.0078	0.0498
50	252	-229	0.2886	248	-242	0.2940	0.0054	0.0420
52	22	1	0.0126	19	-14	0.0198	0.0072	0.0366
54	-278	303	-0.3486	-278	279	-0.3342	0.0144	0.0294
56	-535	561	-0.6576	-540	549	-0.6534	0.0042	0.0150
58	-504	526	-0.6180	-519	530	-0.6294	-0.0114	0.0108
60	-255	280	-0.3210	-271	278	-0.3294	-0.0084	0.0222
62	46	-22	0.0408	23	-21	0.0264	-0.0144	0.0306
64	261	-237	0.2988	254	-245	0.2994	0.0006	0.0450
66	347	-323	0.4020	344	-338	0.4092	0.0072	0.0444
68	395	-374	0.4614	388	-383	0.4626	0.0012	0.0372
70	430	-404	0.5004	422	-414	0.5016	0.0012	0.0360
72	447	-425	0.5232	439	-433	0.5232	0.0000	0.0348
74	441	-418	0.5154	437	-431	0.5208	0.0054	0.0348
76	412	-387	0.4794	415	-409	0.4944	0.0150	0.0294
78	369	-346	0.4290	370	-365	0.4410	0.0120	0.0144
80	339	-315	0.3924	337	-327	0.3984	0.0060	0.0024
82	355	-333	0.4128	345	-338	0.4098	-0.0030	-0.0036
84	416	-393	0.4854	409	-399	0.4848	-0.0006	-0.0006

**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 7/31/2009 10:33:43 AM  
**INITIAL SURVEY** 5/18/2009 5:45:27 PM  
**DATE PRINTED** 10/15/2009 10:59:05 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
86	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 8/12/2009 2:41:36 PM

**INITIAL SURVEY** 5/18/2009 5:45:27 PM

**DATE PRINTED** 10/15/2009 10:59:05 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
8	-309	329	-0.3828	-341	345	-0.4116	-0.0288	0.0006
10	-261	282	-0.3258	-266	275	-0.3246	0.0012	0.0294
12	-170	187	-0.2142	-188	193	-0.2286	-0.0144	0.0282
14	-27	48	-0.0450	-35	43	-0.0468	-0.0018	0.0426
16	67	-45	0.0672	67	-60	0.0762	0.0090	0.0444
18	95	-75	0.1020	90	-86	0.1056	0.0036	0.0354
20	97	-72	0.1014	93	-87	0.1080	0.0066	0.0318
22	117	-96	0.1278	112	-108	0.1320	0.0042	0.0252
24	161	-137	0.1788	147	-142	0.1734	-0.0054	0.0210
26	199	-174	0.2238	184	-178	0.2172	-0.0066	0.0264
28	130	-108	0.1428	126	-123	0.1494	0.0066	0.0330
30	142	-118	0.1560	122	-117	0.1434	-0.0126	0.0264
32	214	-191	0.2430	199	-193	0.2352	-0.0078	0.0390
34	251	-228	0.2874	242	-238	0.2880	0.0006	0.0468
36	232	-210	0.2652	218	-214	0.2592	-0.0060	0.0462
38	445	-425	0.5220	423	-419	0.5052	-0.0168	0.0522
40	627	-603	0.7380	612	-604	0.7296	-0.0084	0.0690
42	837	-814	0.9906	818	-809	0.9762	-0.0144	0.0774
44	911	-889	1.0800	909	-904	1.0878	0.0078	0.0918
46	678	-656	0.8004	692	-691	0.8298	0.0294	0.0840
48	430	-408	0.5028	430	-426	0.5136	0.0108	0.0546
50	252	-229	0.2886	254	-249	0.3018	0.0132	0.0438
52	22	1	0.0126	29	-29	0.0348	0.0222	0.0306
54	-278	303	-0.3486	-270	271	-0.3246	0.0240	0.0084
56	-535	561	-0.6576	-536	543	-0.6474	0.0102	-0.0156
58	-504	526	-0.6180	-526	533	-0.6354	-0.0174	-0.0258
60	-255	280	-0.3210	-284	292	-0.3456	-0.0246	-0.0084
62	46	-22	0.0408	18	-12	0.0180	-0.0228	0.0162
64	261	-237	0.2988	247	-243	0.2940	-0.0048	0.0390
66	347	-323	0.4020	343	-338	0.4086	0.0066	0.0438
68	395	-374	0.4614	387	-383	0.4620	0.0006	0.0372
70	430	-404	0.5004	420	-414	0.5004	0.0000	0.0366
72	447	-425	0.5232	438	-434	0.5232	0.0000	0.0366
74	441	-418	0.5154	436	-433	0.5214	0.0060	0.0366
76	412	-387	0.4794	417	-413	0.4980	0.0186	0.0306
78	369	-346	0.4290	371	-367	0.4428	0.0138	0.0120
80	339	-315	0.3924	335	-331	0.3996	0.0072	-0.0018
82	355	-333	0.4128	342	-338	0.4080	-0.0048	-0.0090
84	416	-393	0.4854	403	-399	0.4812	-0.0042	-0.0042



**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 8/12/2009 2:41:36 PM  
**INITIAL SURVEY** 5/18/2009 5:45:27 PM  
**DATE PRINTED** 10/15/2009 10:59:05 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
86	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 9/9/2009 7:35:20 AM

**INITIAL SURVEY** 5/18/2009 5:45:27 PM

**DATE PRINTED** 10/15/2009 10:59:05 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
8	-309	329	-0.3828	-341	351	-0.4152	-0.0324	-0.0324
10	-261	282	-0.3258	-265	278	-0.3258	0.0000	0.0000
12	-170	187	-0.2142	-192	195	-0.2322	-0.0180	0.0000
14	-27	48	-0.0450	-33	45	-0.0468	-0.0018	0.0180
16	67	-45	0.0672	71	-57	0.0768	0.0096	0.0198
18	95	-75	0.1020	95	-85	0.1080	0.0060	0.0102
20	97	-72	0.1014	98	-84	0.1092	0.0078	0.0042
22	117	-96	0.1278	112	-105	0.1302	0.0024	-0.0036
24	161	-137	0.1788	149	-140	0.1734	-0.0054	-0.0060
26	199	-174	0.2238	183	-173	0.2136	-0.0102	-0.0006
28	130	-108	0.1428	128	-119	0.1482	0.0054	0.0096
30	142	-118	0.1560	123	-116	0.1434	-0.0126	0.0042
32	214	-191	0.2430	202	-194	0.2376	-0.0054	0.0168
34	251	-228	0.2874	241	-234	0.2850	-0.0024	0.0222
36	232	-210	0.2652	220	-213	0.2598	-0.0054	0.0246
38	445	-425	0.5220	427	-423	0.5100	-0.0120	0.0300
40	627	-603	0.7380	615	-607	0.7332	-0.0048	0.0420
42	837	-814	0.9906	823	-816	0.9834	-0.0072	0.0468
44	911	-889	1.0800	905	-900	1.0830	0.0030	0.0540
46	678	-656	0.8004	681	-671	0.8112	0.0108	0.0510
48	430	-408	0.5028	425	-416	0.5046	0.0018	0.0402
50	252	-229	0.2886	250	-238	0.2928	0.0042	0.0384
52	22	1	0.0126	23	-14	0.0222	0.0096	0.0342
54	-278	303	-0.3486	-276	285	-0.3366	0.0120	0.0246
56	-535	561	-0.6576	-542	551	-0.6558	0.0018	0.0126
58	-504	526	-0.6180	-522	527	-0.6294	-0.0114	0.0108
60	-255	280	-0.3210	-272	283	-0.3330	-0.0120	0.0222
62	46	-22	0.0408	26	-19	0.0270	-0.0138	0.0342
64	261	-237	0.2988	253	-246	0.2994	0.0006	0.0480
66	347	-323	0.4020	347	-338	0.4110	0.0090	0.0474
68	395	-374	0.4614	392	-382	0.4644	0.0030	0.0384
70	430	-404	0.5004	422	-412	0.5004	0.0000	0.0354
72	447	-425	0.5232	439	-433	0.5232	0.0000	0.0354
74	441	-418	0.5154	437	-430	0.5202	0.0048	0.0354
76	412	-387	0.4794	420	-410	0.4980	0.0186	0.0306
78	369	-346	0.4290	373	-363	0.4416	0.0126	0.0120
80	339	-315	0.3924	337	-327	0.3984	0.0060	-0.0006
82	355	-333	0.4128	343	-337	0.4080	-0.0048	-0.0066
84	416	-393	0.4854	407	-399	0.4836	-0.0018	-0.0018

**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 9/9/2009 7:35:20 AM  
**INITIAL SURVEY** 5/18/2009 5:45:27 PM  
**DATE PRINTED** 10/15/2009 10:59:05 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
86	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 1:38:58 PM

**INITIAL SURVEY** 5/18/2009 5:45:27 PM

**DATE PRINTED** 10/15/2009 10:59:05 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
8	-309	329	-0.3828	-349	353	-0.4212	-0.0384	-0.0138
10	-261	282	-0.3258	-269	277	-0.3276	-0.0018	0.0246
12	-170	187	-0.2142	-188	192	-0.2280	-0.0138	0.0264
14	-27	48	-0.0450	-33	41	-0.0444	0.0006	0.0402
16	67	-45	0.0672	68	-55	0.0738	0.0066	0.0396
18	95	-75	0.1020	96	-89	0.1110	0.0090	0.0330
20	97	-72	0.1014	91	-81	0.1032	0.0018	0.0240
22	117	-96	0.1278	113	-106	0.1314	0.0036	0.0222
24	161	-137	0.1788	149	-141	0.1740	-0.0048	0.0186
26	199	-174	0.2238	183	-173	0.2136	-0.0102	0.0234
28	130	-108	0.1428	127	-119	0.1476	0.0048	0.0336
30	142	-118	0.1560	125	-115	0.1440	-0.0120	0.0288
32	214	-191	0.2430	202	-195	0.2382	-0.0048	0.0408
34	251	-228	0.2874	241	-233	0.2844	-0.0030	0.0456
36	232	-210	0.2652	222	-213	0.2610	-0.0042	0.0486
38	445	-425	0.5220	431	-425	0.5136	-0.0084	0.0528
40	627	-603	0.7380	616	-607	0.7338	-0.0042	0.0612
42	837	-814	0.9906	823	-814	0.9822	-0.0084	0.0654
44	911	-889	1.0800	905	-899	1.0824	0.0024	0.0738
46	678	-656	0.8004	682	-674	0.8136	0.0132	0.0714
48	430	-408	0.5028	425	-417	0.5052	0.0024	0.0582
50	252	-229	0.2886	249	-235	0.2904	0.0018	0.0558
52	22	1	0.0126	22	-14	0.0216	0.0090	0.0540
54	-278	303	-0.3486	-277	285	-0.3372	0.0114	0.0450
56	-535	561	-0.6576	-540	551	-0.6546	0.0030	0.0336
58	-504	526	-0.6180	-518	529	-0.6282	-0.0102	0.0306
60	-255	280	-0.3210	-271	285	-0.3336	-0.0126	0.0408
62	46	-22	0.0408	29	-19	0.0288	-0.0120	0.0534
64	261	-237	0.2988	257	-248	0.3030	0.0042	0.0654
66	347	-323	0.4020	349	-338	0.4122	0.0102	0.0612
68	395	-374	0.4614	390	-383	0.4638	0.0024	0.0510
70	430	-404	0.5004	423	-413	0.5016	0.0012	0.0486
72	447	-425	0.5232	441	-433	0.5244	0.0012	0.0474
74	441	-418	0.5154	437	-430	0.5202	0.0048	0.0462
76	412	-387	0.4794	423	-414	0.5022	0.0228	0.0414
78	369	-346	0.4290	376	-367	0.4458	0.0168	0.0186
80	339	-315	0.3924	337	-327	0.3984	0.0060	0.0018
82	355	-333	0.4128	345	-338	0.4098	-0.0030	-0.0042
84	416	-393	0.4854	407	-400	0.4842	-0.0012	-0.0012

**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 1:38:58 PM

**INITIAL SURVEY** 5/18/2009 5:45:27 PM

**DATE PRINTED** 10/15/2009 10:59:05 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
86	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 7/14/2009 7:26:22 AM

**INITIAL SURVEY** 5/18/2009 5:45:27 PM

**DATE PRINTED** 10/15/2009 10:59:15 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
8	265	-226	0.2946	260	-197	0.2742	-0.0204	-0.0960
10	202	-166	0.2208	225	-160	0.2310	0.0102	-0.0756
12	209	-170	0.2274	218	-161	0.2274	0.0000	-0.0858
14	277	-241	0.3108	286	-233	0.3114	0.0006	-0.0858
16	341	-315	0.3936	354	-302	0.3936	0.0000	-0.0864
18	333	-297	0.3780	340	-282	0.3732	-0.0048	-0.0864
20	258	-224	0.2892	271	-214	0.2910	0.0018	-0.0816
22	158	-122	0.1680	175	-116	0.1746	0.0066	-0.0834
24	82	-42	0.0744	95	-34	0.0774	0.0030	-0.0900
26	2	21	-0.0114	11	40	-0.0174	-0.0060	-0.0930
28	-30	67	-0.0582	-27	74	-0.0606	-0.0024	-0.0870
30	-14	49	-0.0378	-3	62	-0.0390	-0.0012	-0.0846
32	103	-74	0.1062	105	-58	0.0978	-0.0084	-0.0834
34	185	-143	0.1968	187	-130	0.1902	-0.0066	-0.0750
36	152	-127	0.1674	164	-113	0.1662	-0.0012	-0.0684
38	277	-274	0.3306	279	-248	0.3162	-0.0144	-0.0672
40	513	-502	0.6090	503	-475	0.5868	-0.0222	-0.0528
42	731	-704	0.8610	734	-680	0.8484	-0.0126	-0.0306
44	759	-722	0.8886	761	-706	0.8802	-0.0084	-0.0180
46	555	-537	0.6552	581	-539	0.6720	0.0168	-0.0096
48	236	-227	0.2778	263	-221	0.2904	0.0126	-0.0264
50	-39	49	-0.0528	-2	26	-0.0168	0.0360	-0.0390
52	-312	319	-0.3786	-285	321	-0.3636	0.0150	-0.0750
54	-550	573	-0.6738	-536	573	-0.6654	0.0084	-0.0900
56	-669	683	-0.8112	-657	690	-0.8082	0.0030	-0.0984
58	-422	422	-0.5064	-448	454	-0.5412	-0.0348	-0.1014
60	-133	142	-0.1650	-152	167	-0.1914	-0.0264	-0.0666
62	114	-99	0.1278	83	-77	0.0960	-0.0318	-0.0402
64	311	-290	0.3606	301	-276	0.3462	-0.0144	-0.0084
66	410	-381	0.4746	413	-365	0.4668	-0.0078	0.0060
68	345	-312	0.3942	356	-298	0.3924	-0.0018	0.0138
70	271	-234	0.3030	281	-245	0.3156	0.0126	0.0156
72	229	-191	0.2520	239	-177	0.2496	-0.0024	0.0030
74	213	-173	0.2316	221	-169	0.2340	0.0024	0.0054
76	183	-152	0.2010	201	-142	0.2058	0.0048	0.0030
78	198	-163	0.2166	208	-155	0.2178	0.0012	-0.0018
80	225	-186	0.2466	234	-174	0.2448	-0.0018	-0.0030
82	225	-185	0.2460	236	-181	0.2502	0.0042	-0.0012
84	220	-183	0.2418	225	-169	0.2364	-0.0054	-0.0054

**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 7/14/2009 7:26:22 AM  
**INITIAL SURVEY** 5/18/2009 5:45:27 PM  
**DATE PRINTED** 10/15/2009 10:59:15 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
86	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 7/31/2009 10:33:43 AM

**INITIAL SURVEY** 5/18/2009 5:45:27 PM

**DATE PRINTED** 10/15/2009 10:59:15 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
8	265	-226	0.2946	255	-206	0.2766	-0.0180	-0.0342
10	202	-166	0.2208	215	-169	0.2304	0.0096	-0.0162
12	209	-170	0.2274	211	-167	0.2268	-0.0006	-0.0258
14	277	-241	0.3108	279	-246	0.3150	0.0042	-0.0252
16	341	-315	0.3936	346	-311	0.3942	0.0006	-0.0294
18	333	-297	0.3780	335	-291	0.3756	-0.0024	-0.0300
20	258	-224	0.2892	263	-221	0.2904	0.0012	-0.0276
22	158	-122	0.1680	167	-121	0.1728	0.0048	-0.0288
24	82	-42	0.0744	88	-40	0.0768	0.0024	-0.0336
26	2	21	-0.0114	1	34	-0.0198	-0.0084	-0.0360
28	-30	67	-0.0582	-32	76	-0.0648	-0.0066	-0.0276
30	-14	49	-0.0378	-11	53	-0.0384	-0.0006	-0.0210
32	103	-74	0.1062	106	-65	0.1026	-0.0036	-0.0204
34	185	-143	0.1968	182	-144	0.1956	-0.0012	-0.0168
36	152	-127	0.1674	155	-123	0.1668	-0.0006	-0.0156
38	277	-274	0.3306	277	-257	0.3204	-0.0102	-0.0150
40	513	-502	0.6090	510	-489	0.5994	-0.0096	-0.0048
42	731	-704	0.8610	726	-691	0.8502	-0.0108	0.0048
44	759	-722	0.8886	755	-714	0.8814	-0.0072	0.0156
46	555	-537	0.6552	568	-544	0.6672	0.0120	0.0228
48	236	-227	0.2778	257	-234	0.2946	0.0168	0.0108
50	-39	49	-0.0528	-26	42	-0.0408	0.0120	-0.0060
52	-312	319	-0.3786	-298	290	-0.3528	0.0258	-0.0180
54	-550	573	-0.6738	-545	567	-0.6672	0.0066	-0.0438
56	-669	683	-0.8112	-669	686	-0.8130	-0.0018	-0.0504
58	-422	422	-0.5064	-415	439	-0.5124	-0.0060	-0.0486
60	-133	142	-0.1650	-141	151	-0.1752	-0.0102	-0.0426
62	114	-99	0.1278	102	-90	0.1152	-0.0126	-0.0324
64	311	-290	0.3606	310	-279	0.3534	-0.0072	-0.0198
66	410	-381	0.4746	416	-374	0.4740	-0.0006	-0.0126
68	345	-312	0.3942	349	-303	0.3912	-0.0030	-0.0120
70	271	-234	0.3030	273	-229	0.3012	-0.0018	-0.0090
72	229	-191	0.2520	233	-184	0.2502	-0.0018	-0.0072
74	213	-173	0.2316	215	-165	0.2280	-0.0036	-0.0054
76	183	-152	0.2010	193	-150	0.2058	0.0048	-0.0018
78	198	-163	0.2166	202	-156	0.2148	-0.0018	-0.0066
80	225	-186	0.2466	222	-182	0.2424	-0.0042	-0.0048
82	225	-185	0.2460	228	-180	0.2448	-0.0012	-0.0006
84	220	-183	0.2418	223	-181	0.2424	0.0006	0.0006



**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 7/31/2009 10:33:43 AM  
**INITIAL SURVEY** 5/18/2009 5:45:27 PM  
**DATE PRINTED** 10/15/2009 10:59:15 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
86	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 8/12/2009 2:41:36 PM

**INITIAL SURVEY** 5/18/2009 5:45:27 PM

**DATE PRINTED** 10/15/2009 10:59:15 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
8	265	-226	0.2946	267	-204	0.2826	-0.0120	0.0096
10	202	-166	0.2208	223	-162	0.2310	0.0102	0.0216
12	209	-170	0.2274	218	-160	0.2268	-0.0006	0.0114
14	277	-241	0.3108	293	-238	0.3186	0.0078	0.0120
16	341	-315	0.3936	355	-304	0.3954	0.0018	0.0042
18	333	-297	0.3780	344	-285	0.3774	-0.0006	0.0024
20	258	-224	0.2892	274	-217	0.2946	0.0054	0.0030
22	158	-122	0.1680	177	-117	0.1764	0.0084	-0.0024
24	82	-42	0.0744	98	-34	0.0792	0.0048	-0.0108
26	2	21	-0.0114	11	39	-0.0168	-0.0054	-0.0156
28	-30	67	-0.0582	-23	85	-0.0648	-0.0066	-0.0102
30	-14	49	-0.0378	-3	61	-0.0384	-0.0006	-0.0036
32	103	-74	0.1062	113	-60	0.1038	-0.0024	-0.0030
34	185	-143	0.1968	197	-130	0.1962	-0.0006	-0.0006
36	152	-127	0.1674	165	-114	0.1674	0.0000	0.0000
38	277	-274	0.3306	282	-246	0.3168	-0.0138	0.0000
40	513	-502	0.6090	513	-473	0.5916	-0.0174	0.0138
42	731	-704	0.8610	735	-680	0.8490	-0.0120	0.0312
44	759	-722	0.8886	763	-707	0.8820	-0.0066	0.0432
46	555	-537	0.6552	584	-547	0.6786	0.0234	0.0498
48	236	-227	0.2778	260	-231	0.2946	0.0168	0.0264
50	-39	49	-0.0528	-10	42	-0.0312	0.0216	0.0096
52	-312	319	-0.3786	-280	301	-0.3486	0.0300	-0.0120
54	-550	573	-0.6738	-535	576	-0.6666	0.0072	-0.0420
56	-669	683	-0.8112	-658	695	-0.8118	-0.0006	-0.0492
58	-422	422	-0.5064	-414	448	-0.5172	-0.0108	-0.0486
60	-133	142	-0.1650	-134	167	-0.1806	-0.0156	-0.0378
62	114	-99	0.1278	112	-77	0.1134	-0.0144	-0.0222
64	311	-290	0.3606	317	-276	0.3558	-0.0048	-0.0078
66	410	-381	0.4746	426	-367	0.4758	0.0012	-0.0030
68	345	-312	0.3942	358	-300	0.3948	0.0006	-0.0042
70	271	-234	0.3030	283	-224	0.3042	0.0012	-0.0048
72	229	-191	0.2520	241	-178	0.2514	-0.0006	-0.0060
74	213	-173	0.2316	223	-160	0.2298	-0.0018	-0.0054
76	183	-152	0.2010	203	-145	0.2088	0.0078	-0.0036
78	198	-163	0.2166	209	-147	0.2136	-0.0030	-0.0114
80	225	-186	0.2466	232	-174	0.2436	-0.0030	-0.0084
82	225	-185	0.2460	229	-174	0.2418	-0.0042	-0.0054
84	220	-183	0.2418	232	-169	0.2406	-0.0012	-0.0012

**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 8/12/2009 2:41:36 PM  
**INITIAL SURVEY** 5/18/2009 5:45:27 PM  
**DATE PRINTED** 10/15/2009 10:59:15 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
86	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 9/9/2009 7:35:20 AM

**INITIAL SURVEY** 5/18/2009 5:45:27 PM

**DATE PRINTED** 10/15/2009 10:59:15 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
8	265	-226	0.2946	268	-203	0.2826	-0.0120	-0.0420
10	202	-166	0.2208	227	-160	0.2322	0.0114	-0.0300
12	209	-170	0.2274	217	-157	0.2244	-0.0030	-0.0414
14	277	-241	0.3108	294	-243	0.3222	0.0114	-0.0384
16	341	-315	0.3936	357	-307	0.3984	0.0048	-0.0498
18	333	-297	0.3780	345	-280	0.3750	-0.0030	-0.0546
20	258	-224	0.2892	277	-213	0.2940	0.0048	-0.0516
22	158	-122	0.1680	177	-117	0.1764	0.0084	-0.0564
24	82	-42	0.0744	99	-30	0.0774	0.0030	-0.0648
26	2	21	-0.0114	12	41	-0.0174	-0.0060	-0.0678
28	-30	67	-0.0582	-23	86	-0.0654	-0.0072	-0.0618
30	-14	49	-0.0378	-2	59	-0.0366	0.0012	-0.0546
32	103	-74	0.1062	111	-61	0.1032	-0.0030	-0.0558
34	185	-143	0.1968	194	-134	0.1968	0.0000	-0.0528
36	152	-127	0.1674	167	-114	0.1686	0.0012	-0.0528
38	277	-274	0.3306	287	-251	0.3228	-0.0078	-0.0540
40	513	-502	0.6090	517	-479	0.5976	-0.0114	-0.0462
42	731	-704	0.8610	735	-681	0.8496	-0.0114	-0.0348
44	759	-722	0.8886	760	-704	0.8784	-0.0102	-0.0234
46	555	-537	0.6552	578	-531	0.6654	0.0102	-0.0132
48	236	-227	0.2778	260	-221	0.2886	0.0108	-0.0234
50	-39	49	-0.0528	-14	55	-0.0414	0.0114	-0.0342
52	-312	319	-0.3786	-287	315	-0.3612	0.0174	-0.0456
54	-550	573	-0.6738	-547	582	-0.6774	-0.0036	-0.0630
56	-669	683	-0.8112	-659	694	-0.8118	-0.0006	-0.0594
58	-422	422	-0.5064	-411	449	-0.5160	-0.0096	-0.0588
60	-133	142	-0.1650	-139	162	-0.1806	-0.0156	-0.0492
62	114	-99	0.1278	112	-81	0.1158	-0.0120	-0.0336
64	311	-290	0.3606	320	-279	0.3594	-0.0012	-0.0216
66	410	-381	0.4746	425	-368	0.4758	0.0012	-0.0204
68	345	-312	0.3942	355	-296	0.3906	-0.0036	-0.0216
70	271	-234	0.3030	281	-222	0.3018	-0.0012	-0.0180
72	229	-191	0.2520	237	-175	0.2472	-0.0048	-0.0168
74	213	-173	0.2316	222	-159	0.2286	-0.0030	-0.0120
76	183	-152	0.2010	203	-142	0.2070	0.0060	-0.0090
78	198	-163	0.2166	209	-150	0.2154	-0.0012	-0.0150
80	225	-186	0.2466	235	-171	0.2436	-0.0030	-0.0138
82	225	-185	0.2460	235	-169	0.2424	-0.0036	-0.0108
84	220	-183	0.2418	223	-168	0.2346	-0.0072	-0.0072

**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 9/9/2009 7:35:20 AM  
**INITIAL SURVEY** 5/18/2009 5:45:27 PM  
**DATE PRINTED** 10/15/2009 10:59:15 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
86	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 1:38:58 PM

**INITIAL SURVEY** 5/18/2009 5:45:27 PM

**DATE PRINTED** 10/15/2009 10:59:15 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
8	265	-226	0.2946	269	-215	0.2904	-0.0042	0.0102
10	202	-166	0.2208	225	-165	0.2340	0.0132	0.0144
12	209	-170	0.2274	218	-160	0.2268	-0.0006	0.0012
14	277	-241	0.3108	293	-243	0.3216	0.0108	0.0018
16	341	-315	0.3936	353	-286	0.3834	-0.0102	-0.0090
18	333	-297	0.3780	342	-290	0.3792	0.0012	0.0012
20	258	-224	0.2892	273	-219	0.2952	0.0060	0.0000
22	158	-122	0.1680	176	-118	0.1764	0.0084	-0.0060
24	82	-42	0.0744	94	-34	0.0768	0.0024	-0.0144
26	2	21	-0.0114	8	43	-0.0210	-0.0096	-0.0168
28	-30	67	-0.0582	-26	87	-0.0678	-0.0096	-0.0072
30	-14	49	-0.0378	-3	55	-0.0348	0.0030	0.0024
32	103	-74	0.1062	109	-62	0.1026	-0.0036	-0.0006
34	185	-143	0.1968	193	-134	0.1962	-0.0006	0.0030
36	152	-127	0.1674	165	-115	0.1680	0.0006	0.0036
38	277	-274	0.3306	281	-254	0.3210	-0.0096	0.0030
40	513	-502	0.6090	511	-478	0.5934	-0.0156	0.0126
42	731	-704	0.8610	737	-684	0.8526	-0.0084	0.0282
44	759	-722	0.8886	761	-707	0.8808	-0.0078	0.0366
46	555	-537	0.6552	577	-541	0.6708	0.0156	0.0444
48	236	-227	0.2778	255	-226	0.2886	0.0108	0.0288
50	-39	49	-0.0528	-17	34	-0.0306	0.0222	0.0180
52	-312	319	-0.3786	-290	322	-0.3672	0.0114	-0.0042
54	-550	573	-0.6738	-541	585	-0.6756	-0.0018	-0.0156
56	-669	683	-0.8112	-661	692	-0.8118	-0.0006	-0.0138
58	-422	422	-0.5064	-410	442	-0.5112	-0.0048	-0.0132
60	-133	142	-0.1650	-129	162	-0.1746	-0.0096	-0.0084
62	114	-99	0.1278	110	-81	0.1146	-0.0132	0.0012
64	311	-290	0.3606	321	-277	0.3588	-0.0018	0.0144
66	410	-381	0.4746	427	-370	0.4782	0.0036	0.0162
68	345	-312	0.3942	357	-298	0.3930	-0.0012	0.0126
70	271	-234	0.3030	279	-222	0.3006	-0.0024	0.0138
72	229	-191	0.2520	238	-200	0.2628	0.0108	0.0162
74	213	-173	0.2316	221	-158	0.2274	-0.0042	0.0054
76	183	-152	0.2010	205	-153	0.2148	0.0138	0.0096
78	198	-163	0.2166	210	-149	0.2154	-0.0012	-0.0042
80	225	-186	0.2466	234	-174	0.2448	-0.0018	-0.0030
82	225	-185	0.2460	235	-171	0.2436	-0.0024	-0.0012
84	220	-183	0.2418	233	-172	0.2430	0.0012	0.0012

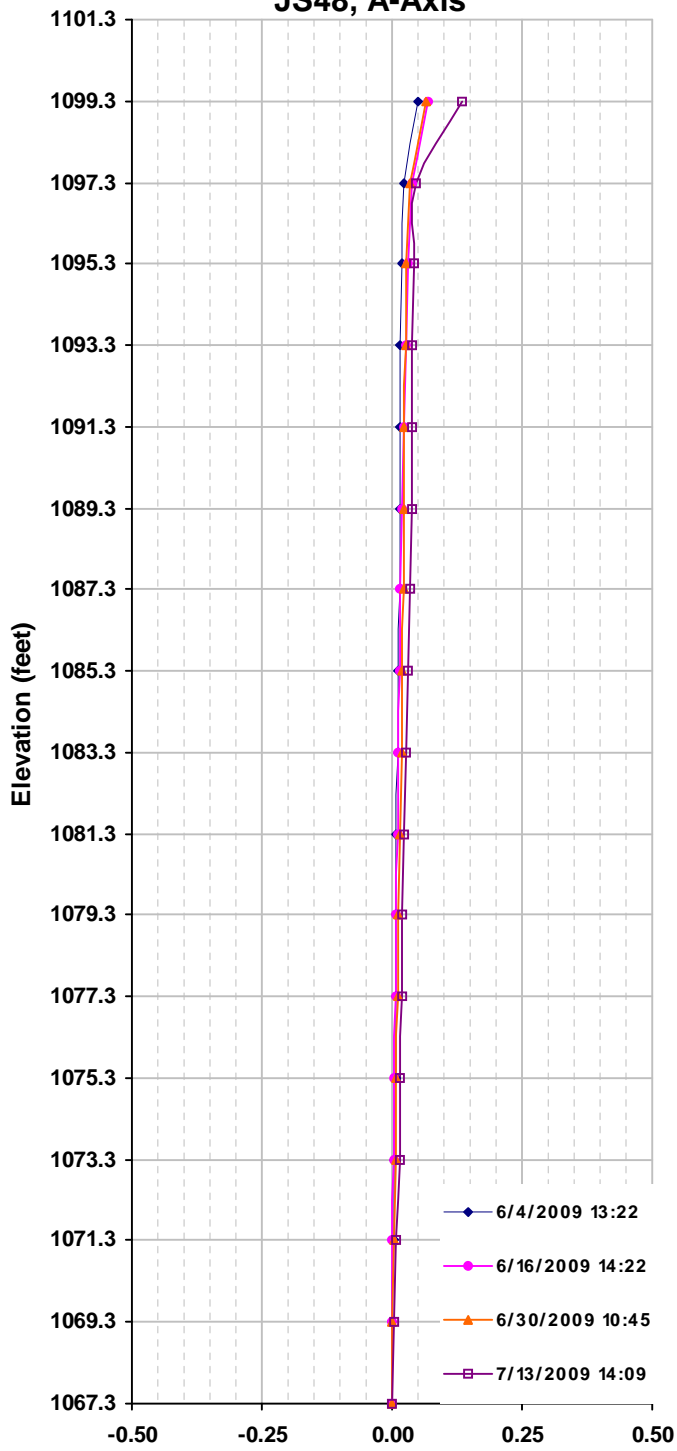
**SITE** JSF  
**INSTALLATION** JS46  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 1:38:58 PM  
**INITIAL SURVEY** 5/18/2009 5:45:27 PM  
**DATE PRINTED** 10/15/2009 10:59:15 AM

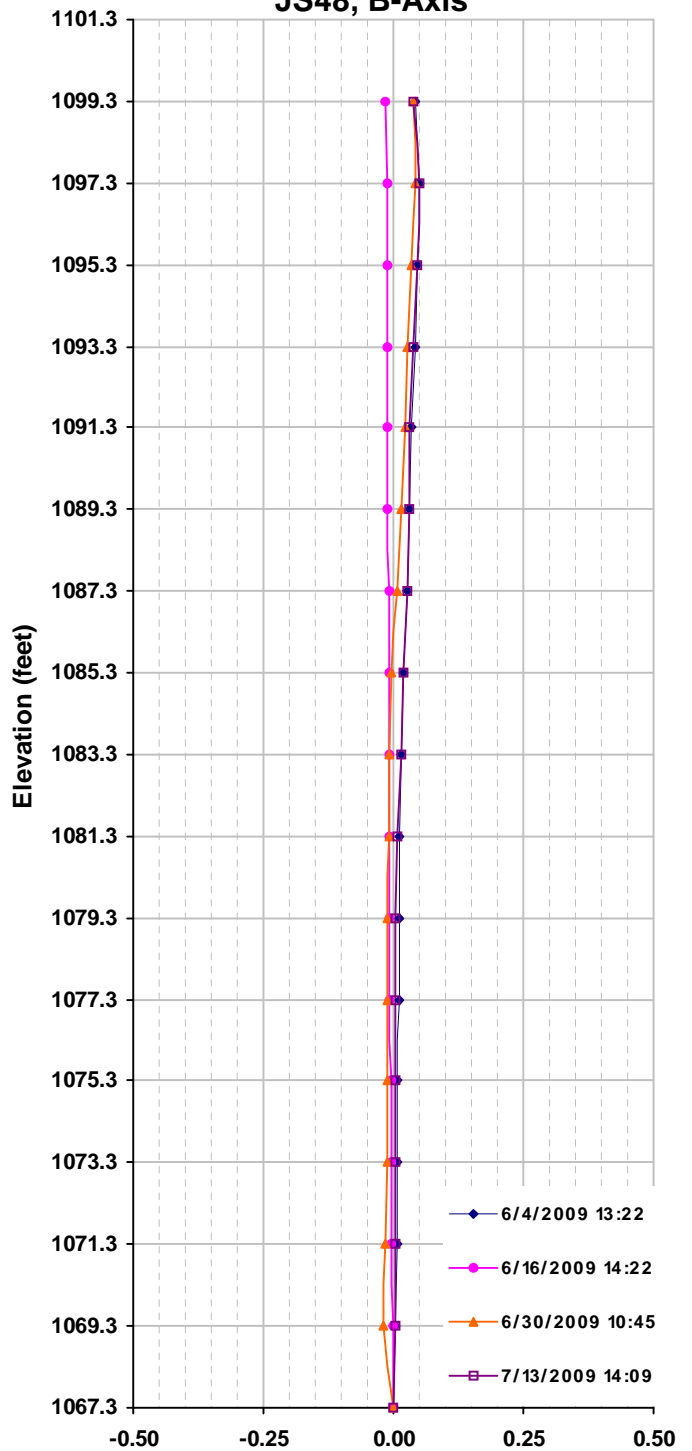
Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
86	0	0	0.0000	0	0	0.0000	0.0000	0.0000

JS48, A-Axis

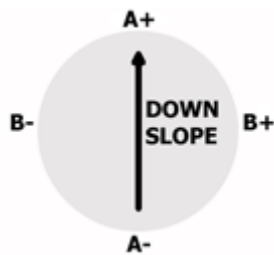


JS48, B-Axis



Cumulative Displacement (in) from 5/18/2009

Cumulative Displacement (in) from 5/18/2009



John Sevier Fossil Plant

Rogersville, TN

175569038

7/16/2009



**SITE** JSF  
**INSTALLATION** JS48  
**DESCRIPTION**

**CURRENT SURVEY** 6/4/2009 1:22:24 PM

**INITIAL SURVEY** 5/18/2009 3:01:54 PM

**DATE PRINTED** 7/15/2009 10:21:37 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-608	633	-0.7446	-583	615	-0.7188	0.0258	0.0492
4	-553	577	-0.6780	-546	577	-0.6738	0.0042	0.0234
6	-480	503	-0.5898	-476	503	-0.5874	0.0024	0.0192
8	-417	442	-0.5154	-415	443	-0.5148	0.0006	0.0168
10	-333	356	-0.4134	-331	357	-0.4128	0.0006	0.0162
12	-262	285	-0.3282	-258	286	-0.3264	0.0018	0.0156
14	-210	234	-0.2664	-206	235	-0.2646	0.0018	0.0138
16	-190	211	-0.2406	-186	212	-0.2388	0.0018	0.0120
18	-206	231	-0.2622	-202	232	-0.2604	0.0018	0.0102
20	-197	221	-0.2508	-194	222	-0.2496	0.0012	0.0084
22	-183	207	-0.2340	-181	209	-0.2340	0.0000	0.0072
24	-141	163	-0.1824	-137	165	-0.1812	0.0012	0.0072
26	-78	101	-0.1074	-75	102	-0.1062	0.0012	0.0060
28	-67	92	-0.0954	-63	93	-0.0936	0.0018	0.0048
30	-121	144	-0.1590	-118	144	-0.1572	0.0018	0.0030
32	-148	172	-0.1920	-145	173	-0.1908	0.0012	0.0012
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS48  
**DESCRIPTION**

**CURRENT SURVEY** 6/16/2009 2:22:00 PM  
**INITIAL SURVEY** 5/18/2009 3:01:54 PM  
**DATE PRINTED** 7/15/2009 10:21:37 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-608	633	-0.7446	-601	589	-0.7140	0.0306	0.0702
4	-553	577	-0.6780	-564	554	-0.6708	0.0072	0.0396
6	-480	503	-0.5898	-493	481	-0.5844	0.0054	0.0324
8	-417	442	-0.5154	-433	421	-0.5124	0.0030	0.0270
10	-333	356	-0.4134	-348	335	-0.4098	0.0036	0.0240
12	-262	285	-0.3282	-277	263	-0.3240	0.0042	0.0204
14	-210	234	-0.2664	-227	213	-0.2640	0.0024	0.0162
16	-190	211	-0.2406	-206	191	-0.2382	0.0024	0.0138
18	-206	231	-0.2622	-223	212	-0.2610	0.0012	0.0114
20	-197	221	-0.2508	-214	200	-0.2484	0.0024	0.0102
22	-183	207	-0.2340	-201	187	-0.2328	0.0012	0.0078
24	-141	163	-0.1824	-158	144	-0.1812	0.0012	0.0066
26	-78	101	-0.1074	-95	81	-0.1056	0.0018	0.0054
28	-67	92	-0.0954	-84	71	-0.0930	0.0024	0.0036
30	-121	144	-0.1590	-139	125	-0.1584	0.0006	0.0012
32	-148	172	-0.1920	-166	153	-0.1914	0.0006	0.0006
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS48  
**DESCRIPTION**

**CURRENT SURVEY** 6/30/2009 10:45:44 AM

**INITIAL SURVEY** 5/18/2009 3:01:54 PM

**DATE PRINTED** 7/15/2009 10:21:37 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-608	633	-0.7446	-589	602	-0.7146	0.0300	0.0636
4	-553	577	-0.6780	-554	567	-0.6726	0.0054	0.0336
6	-480	503	-0.5898	-484	494	-0.5868	0.0030	0.0282
8	-417	442	-0.5154	-423	435	-0.5148	0.0006	0.0252
10	-333	356	-0.4134	-338	349	-0.4122	0.0012	0.0246
12	-262	285	-0.3282	-266	278	-0.3264	0.0018	0.0234
14	-210	234	-0.2664	-215	225	-0.2640	0.0024	0.0216
16	-190	211	-0.2406	-195	203	-0.2388	0.0018	0.0192
18	-206	231	-0.2622	-211	222	-0.2598	0.0024	0.0174
20	-197	221	-0.2508	-202	212	-0.2484	0.0024	0.0150
22	-183	207	-0.2340	-188	198	-0.2316	0.0024	0.0126
24	-141	163	-0.1824	-145	154	-0.1794	0.0030	0.0102
26	-78	101	-0.1074	-84	93	-0.1062	0.0012	0.0072
28	-67	92	-0.0954	-72	84	-0.0936	0.0018	0.0060
30	-121	144	-0.1590	-126	135	-0.1566	0.0024	0.0042
32	-148	172	-0.1920	-154	163	-0.1902	0.0018	0.0018
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS48  
**DESCRIPTION**

**CURRENT SURVEY** 7/13/2009 2:09:20 PM

**INITIAL SURVEY** 5/18/2009 3:01:54 PM

**DATE PRINTED** 7/15/2009 10:21:37 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-608	633	-0.7446	-542	554	-0.6576	0.0870	0.1344
4	-553	577	-0.6780	-555	567	-0.6732	0.0048	0.0474
6	-480	503	-0.5898	-483	494	-0.5862	0.0036	0.0426
8	-417	442	-0.5154	-425	436	-0.5166	-0.0012	0.0390
10	-333	356	-0.4134	-338	348	-0.4116	0.0018	0.0402
12	-262	285	-0.3282	-265	277	-0.3252	0.0030	0.0384
14	-210	234	-0.2664	-214	225	-0.2634	0.0030	0.0354
16	-190	211	-0.2406	-193	202	-0.2370	0.0036	0.0324
18	-206	231	-0.2622	-208	222	-0.2580	0.0042	0.0288
20	-197	221	-0.2508	-200	212	-0.2472	0.0036	0.0246
22	-183	207	-0.2340	-187	197	-0.2304	0.0036	0.0210
24	-141	163	-0.1824	-145	156	-0.1806	0.0018	0.0174
26	-78	101	-0.1074	-83	93	-0.1056	0.0018	0.0156
28	-67	92	-0.0954	-69	83	-0.0912	0.0042	0.0138
30	-121	144	-0.1590	-122	134	-0.1536	0.0054	0.0096
32	-148	172	-0.1920	-151	162	-0.1878	0.0042	0.0042
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS48  
**DESCRIPTION**

**CURRENT SURVEY** 6/4/2009 1:22:24 PM

**INITIAL SURVEY** 5/18/2009 3:01:54 PM

**DATE PRINTED** 7/15/2009 10:21:48 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-198	236	-0.2604	-209	234	-0.2658	-0.0054	0.0432
4	-132	170	-0.1812	-132	163	-0.1770	0.0042	0.0486
6	-71	108	-0.1074	-70	103	-0.1038	0.0036	0.0444
8	-32	66	-0.0588	-29	61	-0.0540	0.0048	0.0408
10	71	-37	0.0648	72	-43	0.0690	0.0042	0.0360
12	203	-170	0.2238	204	-177	0.2286	0.0048	0.0318
14	333	-300	0.3798	335	-314	0.3894	0.0096	0.0270
16	400	-365	0.4590	400	-369	0.4614	0.0024	0.0174
18	391	-355	0.4476	390	-359	0.4494	0.0018	0.0150
20	413	-375	0.4728	411	-379	0.4740	0.0012	0.0132
22	446	-410	0.5136	445	-414	0.5154	0.0018	0.0120
24	455	-419	0.5244	456	-420	0.5256	0.0012	0.0102
26	430	-394	0.4944	428	-396	0.4944	0.0000	0.0090
28	447	-411	0.5148	445	-418	0.5178	0.0030	0.0090
30	486	-449	0.5610	484	-452	0.5616	0.0006	0.0060
32	490	-455	0.5670	491	-463	0.5724	0.0054	0.0054
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS48  
**DESCRIPTION**

**CURRENT SURVEY** 6/16/2009 2:22:00 PM

**INITIAL SURVEY** 5/18/2009 3:01:54 PM

**DATE PRINTED** 7/15/2009 10:21:48 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-198	236	-0.2604	-225	219	-0.2664	-0.0060	-0.0168
4	-132	170	-0.1812	-153	150	-0.1818	-0.0006	-0.0108
6	-71	108	-0.1074	-89	87	-0.1056	0.0018	-0.0102
8	-32	66	-0.0588	-50	49	-0.0594	-0.0006	-0.0120
10	71	-37	0.0648	53	-53	0.0636	-0.0012	-0.0114
12	203	-170	0.2238	184	-187	0.2226	-0.0012	-0.0102
14	333	-300	0.3798	316	-317	0.3798	0.0000	-0.0090
16	400	-365	0.4590	382	-383	0.4590	0.0000	-0.0090
18	391	-355	0.4476	373	-373	0.4476	0.0000	-0.0090
20	413	-375	0.4728	393	-392	0.4710	-0.0018	-0.0090
22	446	-410	0.5136	427	-428	0.5130	-0.0006	-0.0072
24	455	-419	0.5244	436	-435	0.5226	-0.0018	-0.0066
26	430	-394	0.4944	412	-412	0.4944	0.0000	-0.0048
28	447	-411	0.5148	428	-427	0.5130	-0.0018	-0.0048
30	486	-449	0.5610	466	-466	0.5592	-0.0018	-0.0030
32	490	-455	0.5670	472	-471	0.5658	-0.0012	-0.0012
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS48  
**DESCRIPTION**

**CURRENT SURVEY** 6/30/2009 10:45:44 AM

**INITIAL SURVEY** 5/18/2009 3:01:54 PM

**DATE PRINTED** 7/15/2009 10:21:48 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-198	236	-0.2604	-198	246	-0.2664	-0.0060	0.0366
4	-132	170	-0.1812	-115	172	-0.1722	0.0090	0.0426
6	-71	108	-0.1074	-58	113	-0.1026	0.0048	0.0336
8	-32	66	-0.0588	-17	71	-0.0528	0.0060	0.0288
10	71	-37	0.0648	87	-34	0.0726	0.0078	0.0228
12	203	-170	0.2238	218	-168	0.2316	0.0078	0.0150
14	333	-300	0.3798	346	-305	0.3906	0.0108	0.0072
16	400	-365	0.4590	413	-357	0.4620	0.0030	-0.0036
18	391	-355	0.4476	403	-347	0.4500	0.0024	-0.0066
20	413	-375	0.4728	423	-368	0.4746	0.0018	-0.0090
22	446	-410	0.5136	456	-401	0.5142	0.0006	-0.0108
24	455	-419	0.5244	469	-407	0.5256	0.0012	-0.0114
26	430	-394	0.4944	441	-383	0.4944	0.0000	-0.0126
28	447	-411	0.5148	458	-406	0.5184	0.0036	-0.0126
30	486	-449	0.5610	497	-443	0.5640	0.0030	-0.0162
32	490	-455	0.5670	458	-455	0.5478	-0.0192	-0.0192
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS48  
**DESCRIPTION**

**CURRENT SURVEY** 7/13/2009 2:09:20 PM

**INITIAL SURVEY** 5/18/2009 3:01:54 PM

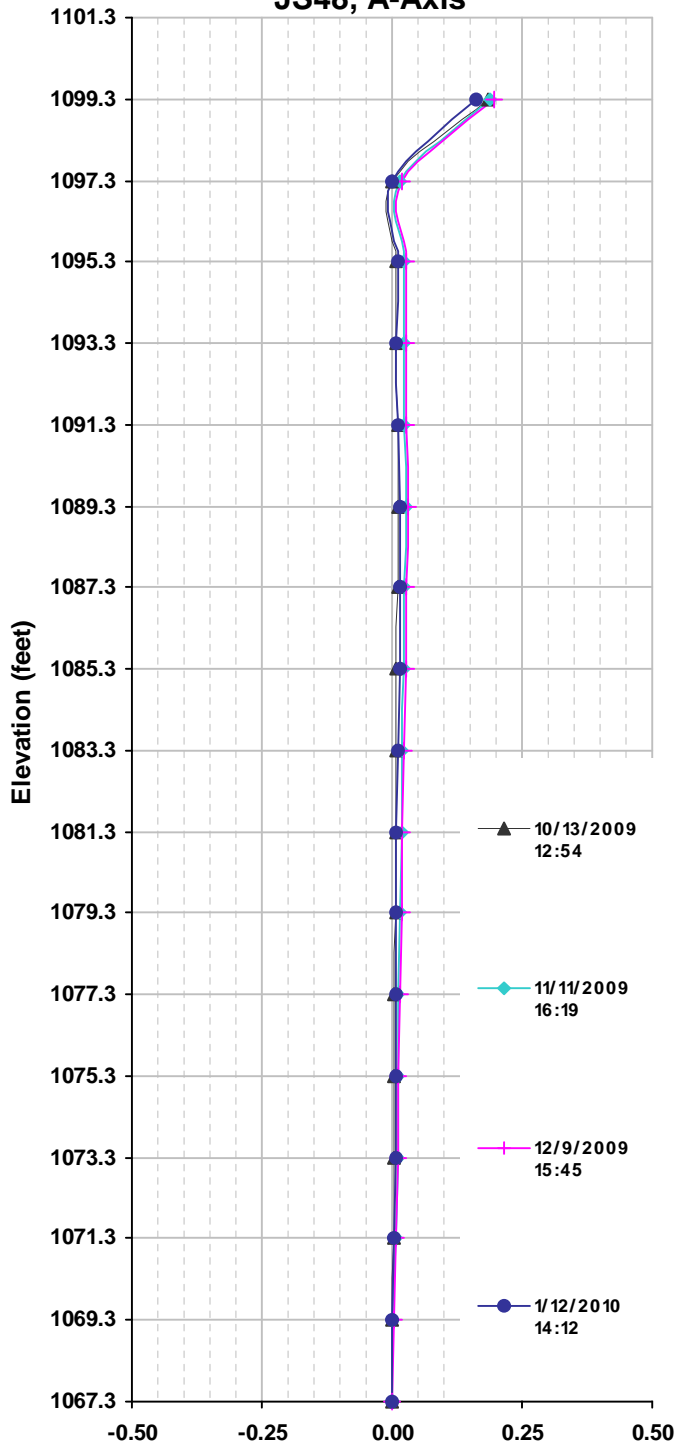
**DATE PRINTED** 7/15/2009 10:21:48 AM

Data Reduction for B Axis:

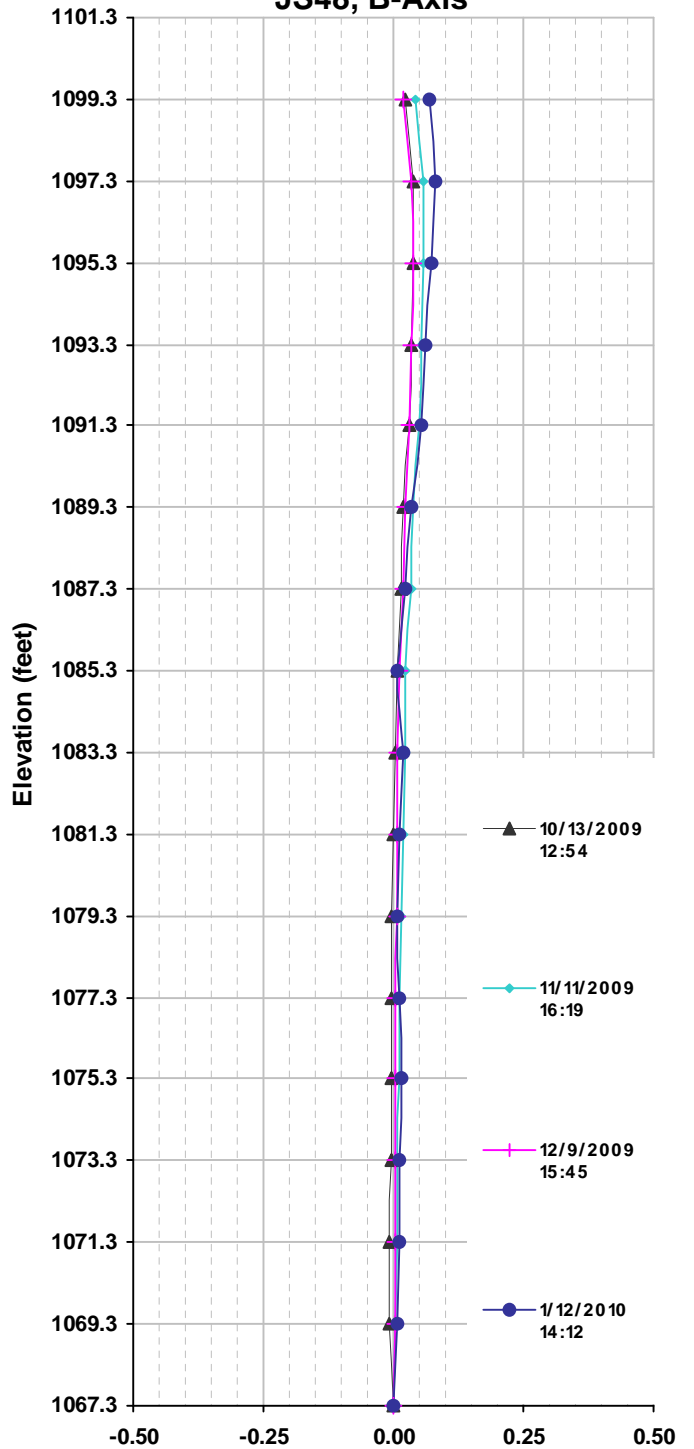
Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-198	236	-0.2604	-202	255	-0.2742	-0.0138	0.0378
4	-132	170	-0.1812	-115	177	-0.1752	0.0060	0.0516
6	-71	108	-0.1074	-55	110	-0.0990	0.0084	0.0456
8	-32	66	-0.0588	-17	71	-0.0528	0.0060	0.0372
10	71	-37	0.0648	73	-35	0.0648	0.0000	0.0312
12	203	-170	0.2238	210	-167	0.2262	0.0024	0.0312
14	333	-300	0.3798	347	-302	0.3894	0.0096	0.0288
16	400	-365	0.4590	415	-358	0.4638	0.0048	0.0192
18	391	-355	0.4476	403	-357	0.4560	0.0084	0.0144
20	413	-375	0.4728	419	-373	0.4752	0.0024	0.0060
22	446	-410	0.5136	455	-402	0.5142	0.0006	0.0036
24	455	-419	0.5244	463	-408	0.5226	-0.0018	0.0030
26	430	-394	0.4944	443	-382	0.4950	0.0006	0.0048
28	447	-411	0.5148	458	-403	0.5166	0.0018	0.0042
30	486	-449	0.5610	493	-439	0.5592	-0.0018	0.0024
32	490	-455	0.5670	464	-488	0.5712	0.0042	0.0042
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000



### JS48, A-Axis

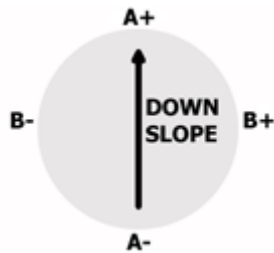


### JS48, B-Axis



Cumulative Displacement (in) from 5/18/2009

Cumulative Displacement (in) from 5/18/2009



John Sevier Fossil Plant

Rogersville, TN

175569038

1/14/2010

**SITE** JSF  
**INSTALLATION** JS48  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 12:54:54 PM

**INITIAL SURVEY** 5/18/2009 3:01:54 PM

**DATE PRINTED** 1/14/2010 7:50:44 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-608	633	-0.7446	-462	475	-0.5622	0.1824	0.1830
4	-553	577	-0.6780	-564	576	-0.6840	-0.0060	0.0006
6	-480	503	-0.5898	-486	497	-0.5898	0.0000	0.0066
8	-417	442	-0.5154	-427	438	-0.5190	-0.0036	0.0066
10	-333	356	-0.4134	-341	350	-0.4146	-0.0012	0.0102
12	-262	285	-0.3282	-267	279	-0.3276	0.0006	0.0114
14	-210	234	-0.2664	-215	227	-0.2652	0.0012	0.0108
16	-190	211	-0.2406	-195	204	-0.2394	0.0012	0.0096
18	-206	231	-0.2622	-211	224	-0.2610	0.0012	0.0084
20	-197	221	-0.2508	-203	214	-0.2502	0.0006	0.0072
22	-183	207	-0.2340	-188	200	-0.2328	0.0012	0.0066
24	-141	163	-0.1824	-146	157	-0.1818	0.0006	0.0054
26	-78	101	-0.1074	-85	95	-0.1080	-0.0006	0.0048
28	-67	92	-0.0954	-71	85	-0.0936	0.0018	0.0054
30	-121	144	-0.1590	-125	135	-0.1560	0.0030	0.0036
32	-148	172	-0.1920	-153	166	-0.1914	0.0006	0.0006
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS48  
**DESCRIPTION**

**CURRENT SURVEY** 11/11/2009 4:19:24 PM

**INITIAL SURVEY** 5/18/2009 3:01:54 PM

**DATE PRINTED** 1/14/2010 7:50:44 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-608	633	-0.7446	-469	483	-0.5712	0.1734	0.1890
4	-553	577	-0.6780	-563	578	-0.6846	-0.0066	0.0156
6	-480	503	-0.5898	-485	498	-0.5898	0.0000	0.0222
8	-417	442	-0.5154	-423	439	-0.5172	-0.0018	0.0222
10	-333	356	-0.4134	-338	353	-0.4146	-0.0012	0.0240
12	-262	285	-0.3282	-265	281	-0.3276	0.0006	0.0252
14	-210	234	-0.2664	-213	228	-0.2646	0.0018	0.0246
16	-190	211	-0.2406	-192	205	-0.2382	0.0024	0.0228
18	-206	231	-0.2622	-209	223	-0.2592	0.0030	0.0204
20	-197	221	-0.2508	-200	214	-0.2484	0.0024	0.0174
22	-183	207	-0.2340	-185	200	-0.2310	0.0030	0.0150
24	-141	163	-0.1824	-146	159	-0.1830	-0.0006	0.0120
26	-78	101	-0.1074	-82	95	-0.1062	0.0012	0.0126
28	-67	92	-0.0954	-68	84	-0.0912	0.0042	0.0114
30	-121	144	-0.1590	-121	135	-0.1536	0.0054	0.0072
32	-148	172	-0.1920	-151	166	-0.1902	0.0018	0.0018
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS48  
**DESCRIPTION**

**CURRENT SURVEY** 12/9/2009 3:45:51 PM

**INITIAL SURVEY** 5/18/2009 3:01:54 PM

**DATE PRINTED** 1/14/2010 7:50:44 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-608	633	-0.7446	-468	481	-0.5694	0.1752	0.1962
4	-553	577	-0.6780	-564	576	-0.6840	-0.0060	0.0210
6	-480	503	-0.5898	-485	496	-0.5886	0.0012	0.0270
8	-417	442	-0.5154	-426	437	-0.5178	-0.0024	0.0258
10	-333	356	-0.4134	-340	351	-0.4146	-0.0012	0.0282
12	-262	285	-0.3282	-266	279	-0.3270	0.0012	0.0294
14	-210	234	-0.2664	-213	226	-0.2634	0.0030	0.0282
16	-190	211	-0.2406	-193	204	-0.2382	0.0024	0.0252
18	-206	231	-0.2622	-210	224	-0.2604	0.0018	0.0228
20	-197	221	-0.2508	-200	214	-0.2484	0.0024	0.0210
22	-183	207	-0.2340	-186	199	-0.2310	0.0030	0.0186
24	-141	163	-0.1824	-143	157	-0.1800	0.0024	0.0156
26	-78	101	-0.1074	-82	94	-0.1056	0.0018	0.0132
28	-67	92	-0.0954	-69	84	-0.0918	0.0036	0.0114
30	-121	144	-0.1590	-121	135	-0.1536	0.0054	0.0078
32	-148	172	-0.1920	-151	165	-0.1896	0.0024	0.0024
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS48  
**DESCRIPTION**

**CURRENT SURVEY** 1/12/2010 2:12:28 PM

**INITIAL SURVEY** 5/18/2009 3:01:54 PM

**DATE PRINTED** 1/14/2010 7:50:44 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-608	633	-0.7446	-488	487	-0.5850	0.1596	0.1608
4	-553	577	-0.6780	-573	572	-0.6870	-0.0090	0.0012
6	-480	503	-0.5898	-492	490	-0.5892	0.0006	0.0102
8	-417	442	-0.5154	-433	432	-0.5190	-0.0036	0.0096
10	-333	356	-0.4134	-348	346	-0.4164	-0.0030	0.0132
12	-262	285	-0.3282	-274	272	-0.3276	0.0006	0.0162
14	-210	234	-0.2664	-221	220	-0.2646	0.0018	0.0156
16	-190	211	-0.2406	-201	196	-0.2382	0.0024	0.0138
18	-206	231	-0.2622	-217	217	-0.2604	0.0018	0.0114
20	-197	221	-0.2508	-209	207	-0.2496	0.0012	0.0096
22	-183	207	-0.2340	-195	193	-0.2328	0.0012	0.0084
24	-141	163	-0.1824	-153	152	-0.1830	-0.0006	0.0072
26	-78	101	-0.1074	-90	89	-0.1074	0.0000	0.0078
28	-67	92	-0.0954	-78	76	-0.0924	0.0030	0.0078
30	-121	144	-0.1590	-130	128	-0.1548	0.0042	0.0048
32	-148	172	-0.1920	-159	160	-0.1914	0.0006	0.0006
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS48  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 12:54:54 PM

**INITIAL SURVEY** 5/18/2009 3:01:54 PM

**DATE PRINTED** 1/14/2010 7:50:52 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-198	236	-0.2604	-201	261	-0.2772	-0.0168	0.0216
4	-132	170	-0.1812	-122	177	-0.1794	0.0018	0.0384
6	-71	108	-0.1074	-58	115	-0.1038	0.0036	0.0366
8	-32	66	-0.0588	-17	75	-0.0552	0.0036	0.0330
10	71	-37	0.0648	87	-35	0.0732	0.0084	0.0294
12	203	-170	0.2238	215	-167	0.2292	0.0054	0.0210
14	333	-300	0.3798	345	-304	0.3894	0.0096	0.0156
16	400	-365	0.4590	414	-355	0.4614	0.0024	0.0060
18	391	-355	0.4476	405	-347	0.4512	0.0036	0.0036
20	413	-375	0.4728	426	-366	0.4752	0.0024	0.0000
22	446	-410	0.5136	459	-400	0.5154	0.0018	-0.0024
24	455	-419	0.5244	469	-407	0.5256	0.0012	-0.0042
26	430	-394	0.4944	442	-382	0.4944	0.0000	-0.0054
28	447	-411	0.5148	458	-404	0.5172	0.0024	-0.0054
30	486	-449	0.5610	498	-440	0.5628	0.0018	-0.0078
32	490	-455	0.5670	476	-453	0.5574	-0.0096	-0.0096
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS48  
**DESCRIPTION**

**CURRENT SURVEY** 11/11/2009 4:19:24 PM  
**INITIAL SURVEY** 5/18/2009 3:01:54 PM  
**DATE PRINTED** 1/14/2010 7:50:52 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-198	236	-0.2604	-199	261	-0.2760	-0.0156	0.0420
4	-132	170	-0.1812	-121	182	-0.1818	-0.0006	0.0576
6	-71	108	-0.1074	-55	119	-0.1044	0.0030	0.0582
8	-32	66	-0.0588	-13	76	-0.0534	0.0054	0.0552
10	71	-37	0.0648	91	-33	0.0744	0.0096	0.0498
12	203	-170	0.2238	220	-163	0.2298	0.0060	0.0402
14	333	-300	0.3798	350	-300	0.3900	0.0102	0.0342
16	400	-365	0.4590	418	-350	0.4608	0.0018	0.0240
18	391	-355	0.4476	409	-345	0.4524	0.0048	0.0222
20	413	-375	0.4728	429	-362	0.4746	0.0018	0.0174
22	446	-410	0.5136	463	-397	0.5160	0.0024	0.0156
24	455	-419	0.5244	474	-405	0.5274	0.0030	0.0132
26	430	-394	0.4944	446	-381	0.4962	0.0018	0.0102
28	447	-411	0.5148	463	-398	0.5166	0.0018	0.0084
30	486	-449	0.5610	502	-436	0.5628	0.0018	0.0066
32	490	-455	0.5670	506	-447	0.5718	0.0048	0.0048
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS48  
**DESCRIPTION**

**CURRENT SURVEY** 12/9/2009 3:45:51 PM

**INITIAL SURVEY** 5/18/2009 3:01:54 PM

**DATE PRINTED** 1/14/2010 7:50:52 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-198	236	-0.2604	-196	266	-0.2772	-0.0168	0.0192
4	-132	170	-0.1812	-119	185	-0.1824	-0.0012	0.0360
6	-71	108	-0.1074	-52	120	-0.1032	0.0042	0.0372
8	-32	66	-0.0588	-13	81	-0.0564	0.0024	0.0330
10	71	-37	0.0648	91	-28	0.0714	0.0066	0.0306
12	203	-170	0.2238	221	-160	0.2286	0.0048	0.0240
14	333	-300	0.3798	349	-297	0.3876	0.0078	0.0192
16	400	-365	0.4590	419	-350	0.4614	0.0024	0.0114
18	391	-355	0.4476	410	-340	0.4500	0.0024	0.0090
20	413	-375	0.4728	430	-359	0.4734	0.0006	0.0066
22	446	-410	0.5136	465	-393	0.5148	0.0012	0.0060
24	455	-419	0.5244	475	-401	0.5256	0.0012	0.0048
26	430	-394	0.4944	447	-375	0.4932	-0.0012	0.0036
28	447	-411	0.5148	463	-396	0.5154	0.0006	0.0048
30	486	-449	0.5610	503	-433	0.5616	0.0006	0.0042
32	490	-455	0.5670	505	-446	0.5706	0.0036	0.0036
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000



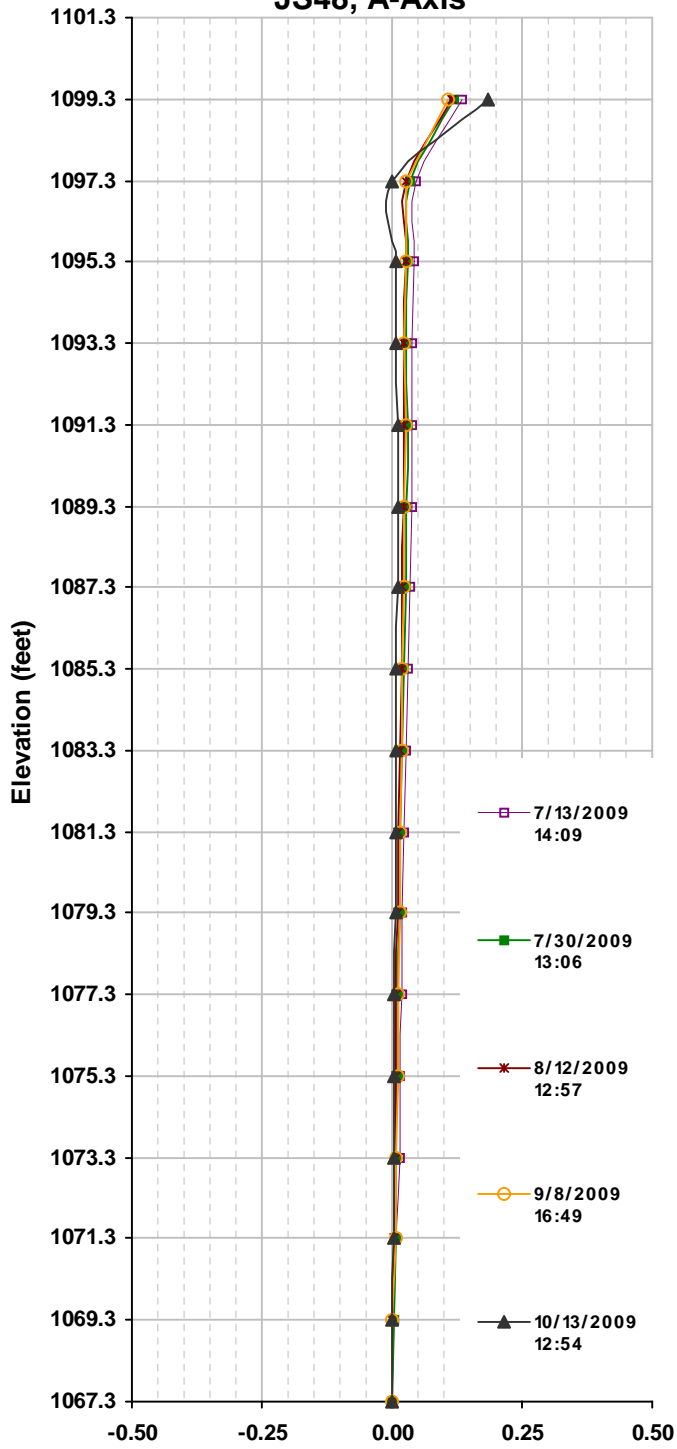
**SITE** JSF  
**INSTALLATION** JS48  
**DESCRIPTION**

**CURRENT SURVEY** 1/12/2010 2:12:28 PM  
**INITIAL SURVEY** 5/18/2009 3:01:54 PM  
**DATE PRINTED** 1/14/2010 7:50:52 AM

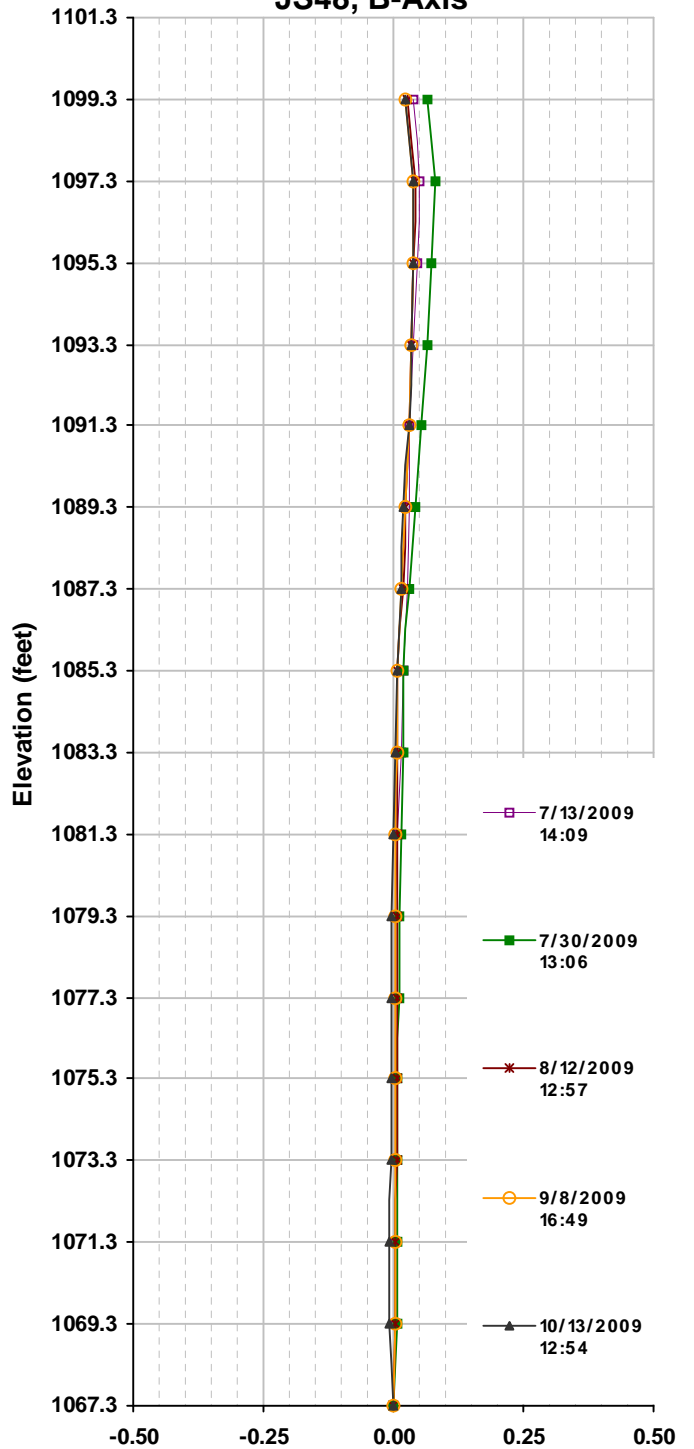
Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-198	236	-0.2604	-238	212	-0.2700	-0.0096	0.0708
4	-132	170	-0.1812	-156	135	-0.1746	0.0066	0.0804
6	-71	108	-0.1074	-94	67	-0.0966	0.0108	0.0738
8	-32	66	-0.0588	-51	30	-0.0486	0.0102	0.0630
10	71	-37	0.0648	65	-73	0.0828	0.0180	0.0528
12	203	-170	0.2238	188	-205	0.2358	0.0120	0.0348
14	333	-300	0.3798	318	-338	0.3936	0.0138	0.0228
16	400	-365	0.4590	363	-388	0.4506	-0.0084	0.0090
18	391	-355	0.4476	361	-392	0.4518	0.0042	0.0174
20	413	-375	0.4728	382	-414	0.4776	0.0048	0.0132
22	446	-410	0.5136	410	-442	0.5112	-0.0024	0.0084
24	455	-419	0.5244	421	-446	0.5202	-0.0042	0.0108
26	430	-394	0.4944	400	-427	0.4962	0.0018	0.0150
28	447	-411	0.5148	416	-447	0.5178	0.0030	0.0132
30	486	-449	0.5610	454	-482	0.5616	0.0006	0.0102
32	490	-455	0.5670	470	-491	0.5766	0.0096	0.0096
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000

### JS48, A-Axis

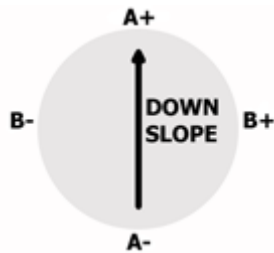


### JS48, B-Axis



Cumulative Displacement (in) from 5/18/2009

Cumulative Displacement (in) from 5/18/2009



John Sevier Fossil Plant

Rogersville, TN

175569038

10/15/2009

**SITE** JSF  
**INSTALLATION** JS48  
**DESCRIPTION**

**CURRENT SURVEY** 7/13/2009 2:09:20 PM

**INITIAL SURVEY** 5/18/2009 3:01:54 PM

**DATE PRINTED** 10/15/2009 10:39:32 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-608	633	-0.7446	-542	554	-0.6576	0.0870	0.1344
4	-553	577	-0.6780	-555	567	-0.6732	0.0048	0.0474
6	-480	503	-0.5898	-483	494	-0.5862	0.0036	0.0426
8	-417	442	-0.5154	-425	436	-0.5166	-0.0012	0.0390
10	-333	356	-0.4134	-338	348	-0.4116	0.0018	0.0402
12	-262	285	-0.3282	-265	277	-0.3252	0.0030	0.0384
14	-210	234	-0.2664	-214	225	-0.2634	0.0030	0.0354
16	-190	211	-0.2406	-193	202	-0.2370	0.0036	0.0324
18	-206	231	-0.2622	-208	222	-0.2580	0.0042	0.0288
20	-197	221	-0.2508	-200	212	-0.2472	0.0036	0.0246
22	-183	207	-0.2340	-187	197	-0.2304	0.0036	0.0210
24	-141	163	-0.1824	-145	156	-0.1806	0.0018	0.0174
26	-78	101	-0.1074	-83	93	-0.1056	0.0018	0.0156
28	-67	92	-0.0954	-69	83	-0.0912	0.0042	0.0138
30	-121	144	-0.1590	-122	134	-0.1536	0.0054	0.0096
32	-148	172	-0.1920	-151	162	-0.1878	0.0042	0.0042
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS48  
**DESCRIPTION**

**CURRENT SURVEY** 7/30/2009 1:06:22 PM

**INITIAL SURVEY** 5/18/2009 3:01:54 PM

**DATE PRINTED** 10/15/2009 10:39:32 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-608	633	-0.7446	-546	553	-0.6594	0.0852	0.1206
4	-553	577	-0.6780	-558	567	-0.6750	0.0030	0.0354
6	-480	503	-0.5898	-486	491	-0.5862	0.0036	0.0324
8	-417	442	-0.5154	-427	434	-0.5166	-0.0012	0.0288
10	-333	356	-0.4134	-341	346	-0.4122	0.0012	0.0300
12	-262	285	-0.3282	-268	273	-0.3246	0.0036	0.0288
14	-210	234	-0.2664	-217	223	-0.2640	0.0024	0.0252
16	-190	211	-0.2406	-197	199	-0.2376	0.0030	0.0228
18	-206	231	-0.2622	-213	219	-0.2592	0.0030	0.0198
20	-197	221	-0.2508	-205	210	-0.2490	0.0018	0.0168
22	-183	207	-0.2340	-190	195	-0.2310	0.0030	0.0150
24	-141	163	-0.1824	-149	153	-0.1812	0.0012	0.0120
26	-78	101	-0.1074	-87	90	-0.1062	0.0012	0.0108
28	-67	92	-0.0954	-74	81	-0.0930	0.0024	0.0096
30	-121	144	-0.1590	-126	131	-0.1542	0.0048	0.0072
32	-148	172	-0.1920	-155	161	-0.1896	0.0024	0.0024
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS48  
**DESCRIPTION**

**CURRENT SURVEY** 8/12/2009 12:57:00 PM

**INITIAL SURVEY** 5/18/2009 3:01:54 PM

**DATE PRINTED** 10/15/2009 10:39:32 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-608	633	-0.7446	-541	555	-0.6576	0.0870	0.1152
4	-553	577	-0.6780	-556	570	-0.6756	0.0024	0.0282
6	-480	503	-0.5898	-483	494	-0.5862	0.0036	0.0258
8	-417	442	-0.5154	-424	436	-0.5160	-0.0006	0.0222
10	-333	356	-0.4134	-338	349	-0.4122	0.0012	0.0228
12	-262	285	-0.3282	-265	278	-0.3258	0.0024	0.0216
14	-210	234	-0.2664	-214	227	-0.2646	0.0018	0.0192
16	-190	211	-0.2406	-194	203	-0.2382	0.0024	0.0174
18	-206	231	-0.2622	-211	223	-0.2604	0.0018	0.0150
20	-197	221	-0.2508	-202	213	-0.2490	0.0018	0.0132
22	-183	207	-0.2340	-188	199	-0.2322	0.0018	0.0114
24	-141	163	-0.1824	-145	155	-0.1800	0.0024	0.0096
26	-78	101	-0.1074	-84	93	-0.1062	0.0012	0.0072
28	-67	92	-0.0954	-71	84	-0.0930	0.0024	0.0060
30	-121	144	-0.1590	-125	135	-0.1560	0.0030	0.0036
32	-148	172	-0.1920	-154	165	-0.1914	0.0006	0.0006
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS48  
**DESCRIPTION**

**CURRENT SURVEY** 9/8/2009 4:49:31 PM

**INITIAL SURVEY** 5/18/2009 3:01:54 PM

**DATE PRINTED** 10/15/2009 10:39:32 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-608	633	-0.7446	-547	561	-0.6648	0.0798	0.1086
4	-553	577	-0.6780	-556	571	-0.6762	0.0018	0.0288
6	-480	503	-0.5898	-484	495	-0.5874	0.0024	0.0270
8	-417	442	-0.5154	-424	437	-0.5166	-0.0012	0.0246
10	-333	356	-0.4134	-338	349	-0.4122	0.0012	0.0258
12	-262	285	-0.3282	-265	279	-0.3264	0.0018	0.0246
14	-210	234	-0.2664	-214	226	-0.2640	0.0024	0.0228
16	-190	211	-0.2406	-194	203	-0.2382	0.0024	0.0204
18	-206	231	-0.2622	-210	223	-0.2598	0.0024	0.0180
20	-197	221	-0.2508	-202	213	-0.2490	0.0018	0.0156
22	-183	207	-0.2340	-187	199	-0.2316	0.0024	0.0138
24	-141	163	-0.1824	-145	157	-0.1812	0.0012	0.0114
26	-78	101	-0.1074	-83	94	-0.1062	0.0012	0.0102
28	-67	92	-0.0954	-70	84	-0.0924	0.0030	0.0090
30	-121	144	-0.1590	-123	134	-0.1542	0.0048	0.0060
32	-148	172	-0.1920	-153	165	-0.1908	0.0012	0.0012
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS48  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 12:54:54 PM

**INITIAL SURVEY** 5/18/2009 3:01:54 PM

**DATE PRINTED** 10/15/2009 10:39:32 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	-608	633	-0.7446	-462	475	-0.5622	0.1824	0.1830
4	-553	577	-0.6780	-564	576	-0.6840	-0.0060	0.0006
6	-480	503	-0.5898	-486	497	-0.5898	0.0000	0.0066
8	-417	442	-0.5154	-427	438	-0.5190	-0.0036	0.0066
10	-333	356	-0.4134	-341	350	-0.4146	-0.0012	0.0102
12	-262	285	-0.3282	-267	279	-0.3276	0.0006	0.0114
14	-210	234	-0.2664	-215	227	-0.2652	0.0012	0.0108
16	-190	211	-0.2406	-195	204	-0.2394	0.0012	0.0096
18	-206	231	-0.2622	-211	224	-0.2610	0.0012	0.0084
20	-197	221	-0.2508	-203	214	-0.2502	0.0006	0.0072
22	-183	207	-0.2340	-188	200	-0.2328	0.0012	0.0066
24	-141	163	-0.1824	-146	157	-0.1818	0.0006	0.0054
26	-78	101	-0.1074	-85	95	-0.1080	-0.0006	0.0048
28	-67	92	-0.0954	-71	85	-0.0936	0.0018	0.0054
30	-121	144	-0.1590	-125	135	-0.1560	0.0030	0.0036
32	-148	172	-0.1920	-153	166	-0.1914	0.0006	0.0006
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS48  
**DESCRIPTION**

**CURRENT SURVEY** 7/13/2009 2:09:20 PM  
**INITIAL SURVEY** 5/18/2009 3:01:54 PM  
**DATE PRINTED** 10/15/2009 10:39:42 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-198	236	-0.2604	-202	255	-0.2742	-0.0138	0.0378
4	-132	170	-0.1812	-115	177	-0.1752	0.0060	0.0516
6	-71	108	-0.1074	-55	110	-0.0990	0.0084	0.0456
8	-32	66	-0.0588	-17	71	-0.0528	0.0060	0.0372
10	71	-37	0.0648	73	-35	0.0648	0.0000	0.0312
12	203	-170	0.2238	210	-167	0.2262	0.0024	0.0312
14	333	-300	0.3798	347	-302	0.3894	0.0096	0.0288
16	400	-365	0.4590	415	-358	0.4638	0.0048	0.0192
18	391	-355	0.4476	403	-357	0.4560	0.0084	0.0144
20	413	-375	0.4728	419	-373	0.4752	0.0024	0.0060
22	446	-410	0.5136	455	-402	0.5142	0.0006	0.0036
24	455	-419	0.5244	463	-408	0.5226	-0.0018	0.0030
26	430	-394	0.4944	443	-382	0.4950	0.0006	0.0048
28	447	-411	0.5148	458	-403	0.5166	0.0018	0.0042
30	486	-449	0.5610	493	-439	0.5592	-0.0018	0.0024
32	490	-455	0.5670	464	-488	0.5712	0.0042	0.0042
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000



**SITE** JSF  
**INSTALLATION** JS48  
**DESCRIPTION**

**CURRENT SURVEY** 7/30/2009 1:06:22 PM  
**INITIAL SURVEY** 5/18/2009 3:01:54 PM  
**DATE PRINTED** 10/15/2009 10:39:42 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-198	236	-0.2604	-199	257	-0.2736	-0.0132	0.0666
4	-132	170	-0.1812	-115	173	-0.1728	0.0084	0.0798
6	-71	108	-0.1074	-54	117	-0.1026	0.0048	0.0714
8	-32	66	-0.0588	-12	67	-0.0474	0.0114	0.0666
10	71	-37	0.0648	90	-42	0.0792	0.0144	0.0552
12	203	-170	0.2238	219	-172	0.2346	0.0108	0.0408
14	333	-300	0.3798	350	-302	0.3912	0.0114	0.0300
16	400	-365	0.4590	415	-351	0.4596	0.0006	0.0186
18	391	-355	0.4476	406	-344	0.4500	0.0024	0.0180
20	413	-375	0.4728	428	-365	0.4758	0.0030	0.0156
22	446	-410	0.5136	461	-398	0.5154	0.0018	0.0126
24	455	-419	0.5244	471	-405	0.5256	0.0012	0.0108
26	430	-394	0.4944	447	-379	0.4956	0.0012	0.0096
28	447	-411	0.5148	461	-400	0.5166	0.0018	0.0084
30	486	-449	0.5610	497	-439	0.5616	0.0006	0.0066
32	490	-455	0.5670	507	-448	0.5730	0.0060	0.0060
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS48  
**DESCRIPTION**

**CURRENT SURVEY** 8/12/2009 12:57:00 PM

**INITIAL SURVEY** 5/18/2009 3:01:54 PM

**DATE PRINTED** 10/15/2009 10:39:42 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-198	236	-0.2604	-201	257	-0.2748	-0.0144	0.0276
4	-132	170	-0.1812	-119	176	-0.1770	0.0042	0.0420
6	-71	108	-0.1074	-59	114	-0.1038	0.0036	0.0378
8	-32	66	-0.0588	-18	73	-0.0546	0.0042	0.0342
10	71	-37	0.0648	85	-35	0.0720	0.0072	0.0300
12	203	-170	0.2238	215	-166	0.2286	0.0048	0.0228
14	333	-300	0.3798	345	-303	0.3888	0.0090	0.0180
16	400	-365	0.4590	412	-354	0.4596	0.0006	0.0090
18	391	-355	0.4476	402	-346	0.4488	0.0012	0.0084
20	413	-375	0.4728	423	-366	0.4734	0.0006	0.0072
22	446	-410	0.5136	457	-400	0.5142	0.0006	0.0066
24	455	-419	0.5244	467	-407	0.5244	0.0000	0.0060
26	430	-394	0.4944	440	-382	0.4932	-0.0012	0.0060
28	447	-411	0.5148	458	-403	0.5166	0.0018	0.0072
30	486	-449	0.5610	497	-438	0.5610	0.0000	0.0054
32	490	-455	0.5670	503	-451	0.5724	0.0054	0.0054
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS48  
**DESCRIPTION**

**CURRENT SURVEY** 9/8/2009 4:49:31 PM

**INITIAL SURVEY** 5/18/2009 3:01:54 PM

**DATE PRINTED** 10/15/2009 10:39:42 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-198	236	-0.2604	-199	261	-0.2760	-0.0156	0.0246
4	-132	170	-0.1812	-119	180	-0.1794	0.0018	0.0402
6	-71	108	-0.1074	-54	118	-0.1032	0.0042	0.0384
8	-32	66	-0.0588	-14	77	-0.0546	0.0042	0.0342
10	71	-37	0.0648	89	-33	0.0732	0.0084	0.0300
12	203	-170	0.2238	219	-163	0.2292	0.0054	0.0216
14	333	-300	0.3798	350	-299	0.3894	0.0096	0.0162
16	400	-365	0.4590	415	-350	0.4590	0.0000	0.0066
18	391	-355	0.4476	406	-343	0.4494	0.0018	0.0066
20	413	-375	0.4728	427	-363	0.4740	0.0012	0.0048
22	446	-410	0.5136	461	-397	0.5148	0.0012	0.0036
24	455	-419	0.5244	470	-404	0.5244	0.0000	0.0024
26	430	-394	0.4944	443	-378	0.4926	-0.0018	0.0024
28	447	-411	0.5148	460	-400	0.5160	0.0012	0.0042
30	486	-449	0.5610	501	-435	0.5616	0.0006	0.0030
32	490	-455	0.5670	503	-446	0.5694	0.0024	0.0024
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS48  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 12:54:54 PM

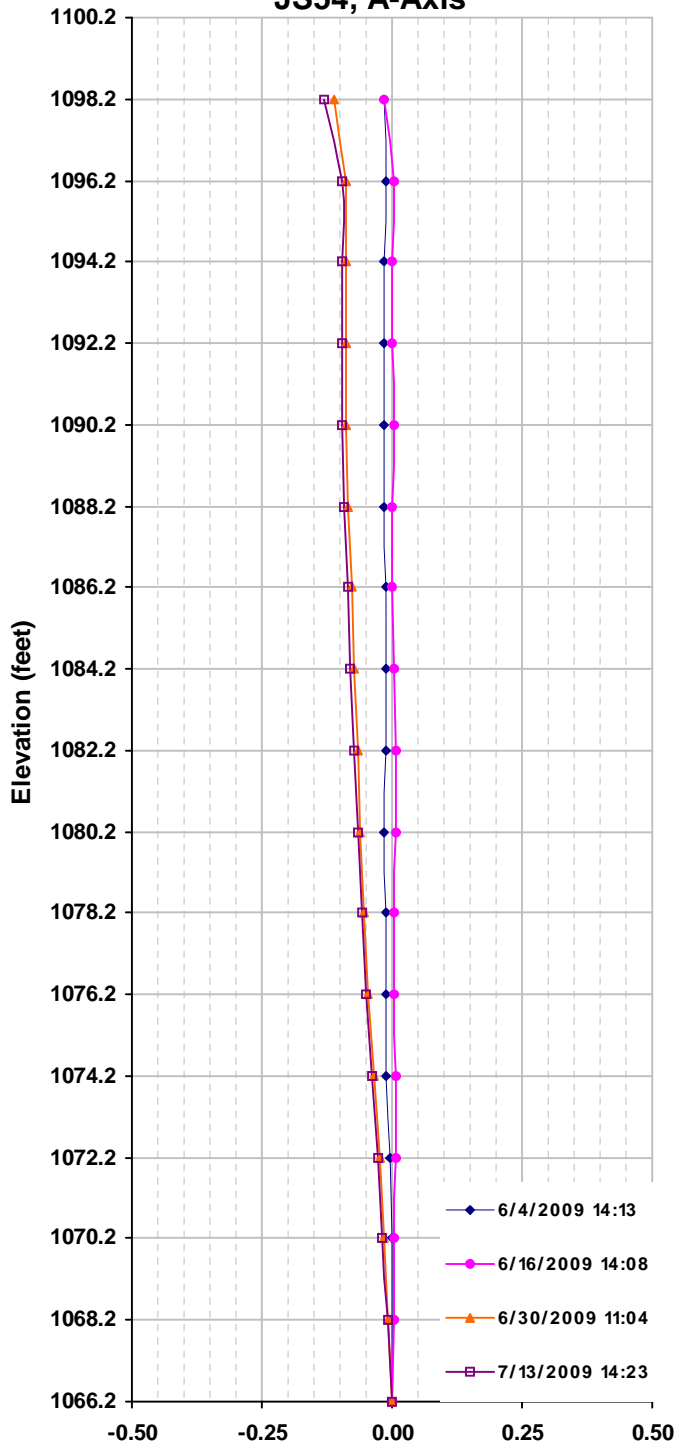
**INITIAL SURVEY** 5/18/2009 3:01:54 PM

**DATE PRINTED** 10/15/2009 10:39:42 AM

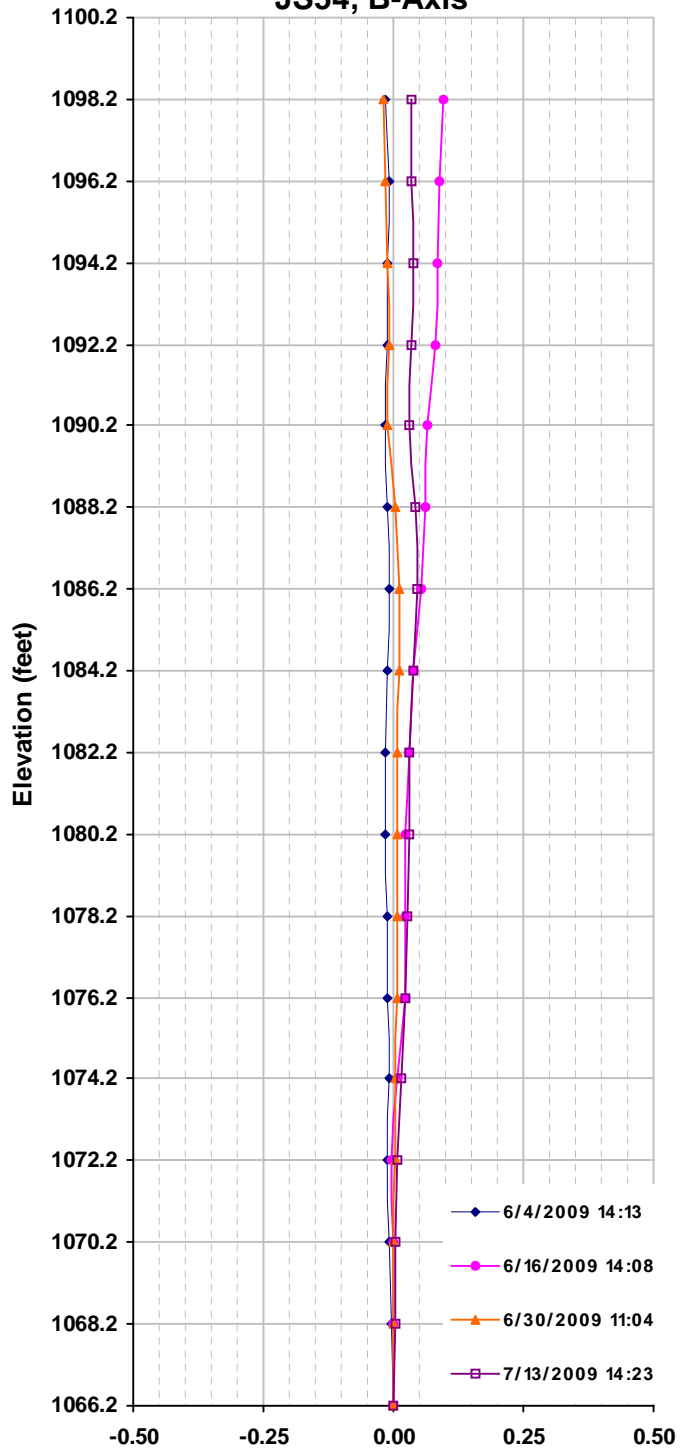
Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-198	236	-0.2604	-201	261	-0.2772	-0.0168	0.0216
4	-132	170	-0.1812	-122	177	-0.1794	0.0018	0.0384
6	-71	108	-0.1074	-58	115	-0.1038	0.0036	0.0366
8	-32	66	-0.0588	-17	75	-0.0552	0.0036	0.0330
10	71	-37	0.0648	87	-35	0.0732	0.0084	0.0294
12	203	-170	0.2238	215	-167	0.2292	0.0054	0.0210
14	333	-300	0.3798	345	-304	0.3894	0.0096	0.0156
16	400	-365	0.4590	414	-355	0.4614	0.0024	0.0060
18	391	-355	0.4476	405	-347	0.4512	0.0036	0.0036
20	413	-375	0.4728	426	-366	0.4752	0.0024	0.0000
22	446	-410	0.5136	459	-400	0.5154	0.0018	-0.0024
24	455	-419	0.5244	469	-407	0.5256	0.0012	-0.0042
26	430	-394	0.4944	442	-382	0.4944	0.0000	-0.0054
28	447	-411	0.5148	458	-404	0.5172	0.0024	-0.0054
30	486	-449	0.5610	498	-440	0.5628	0.0018	-0.0078
32	490	-455	0.5670	476	-453	0.5574	-0.0096	-0.0096
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000

JS54, A-Axis

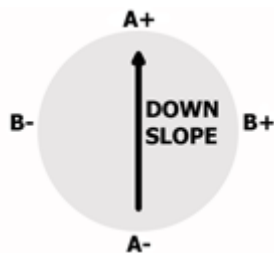


JS54, B-Axis



Cumulative Displacement (in) from 5/18/2009

Cumulative Displacement (in) from 5/18/2009



John Sevier Fossil Plant

Rogersville, TN

175569038

7/16/2009

**SITE** JSF  
**INSTALLATION** JS54  
**DESCRIPTION**

**CURRENT SURVEY** 6/4/2009 2:13:42 PM

**INITIAL SURVEY** 5/18/2009 2:10:50 PM

**DATE PRINTED** 7/15/2009 10:22:17 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	170	-145	0.1890	173	-140	0.1878	-0.0012	-0.0138
4	79	-56	0.0810	84	-54	0.0828	0.0018	-0.0126
6	9	9	0.0000	17	13	0.0024	0.0000	-0.0144
8	-22	43	-0.0390	-18	47	-0.0390	0.0000	-0.0144
10	-54	72	-0.0756	-49	77	-0.0756	0.0000	-0.0144
12	-99	122	-0.1326	-99	126	-0.1350	-0.0024	-0.0144
14	-158	182	-0.2040	-157	182	-0.2034	0.0006	-0.0120
16	-274	294	-0.3408	-273	297	-0.3420	-0.0012	-0.0126
18	-344	367	-0.4266	-337	370	-0.4242	0.0024	-0.0114
20	-366	385	-0.4506	-363	389	-0.4512	-0.0006	-0.0138
22	-355	373	-0.4368	-353	376	-0.4374	-0.0006	-0.0132
24	-343	380	-0.4338	-345	382	-0.4362	-0.0024	-0.0126
26	-326	336	-0.3972	-330	344	-0.4044	-0.0072	-0.0102
28	-277	299	-0.3456	-275	303	-0.3468	-0.0012	-0.0030
30	-338	357	-0.4170	-334	362	-0.4176	-0.0006	-0.0018
32	-371	390	-0.4566	-369	394	-0.4578	-0.0012	-0.0012
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS54  
**DESCRIPTION**

**CURRENT SURVEY** 6/16/2009 2:08:00 PM

**INITIAL SURVEY** 5/18/2009 2:10:50 PM

**DATE PRINTED** 7/15/2009 10:22:17 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	170	-145	0.1890	135	-149	0.1704	-0.0186	-0.0138
4	79	-56	0.0810	63	-77	0.0840	0.0030	0.0048
6	9	9	0.0000	-5	-3	-0.0012	0.0000	0.0018
8	-22	43	-0.0390	-39	27	-0.0396	-0.0006	0.0018
10	-54	72	-0.0756	-71	54	-0.0750	0.0006	0.0024
12	-99	122	-0.1326	-117	103	-0.1320	0.0006	0.0018
14	-158	182	-0.2040	-180	165	-0.2070	-0.0030	0.0012
16	-274	294	-0.3408	-297	274	-0.3426	-0.0018	0.0042
18	-344	367	-0.4266	-363	350	-0.4278	-0.0012	0.0060
20	-366	385	-0.4506	-382	366	-0.4488	0.0018	0.0072
22	-355	373	-0.4368	-368	355	-0.4338	0.0030	0.0054
24	-343	380	-0.4338	-368	361	-0.4374	-0.0036	0.0024
26	-326	336	-0.3972	-351	315	-0.3996	-0.0024	0.0060
28	-277	299	-0.3456	-290	281	-0.3426	0.0030	0.0084
30	-338	357	-0.4170	-351	339	-0.4140	0.0030	0.0054
32	-371	390	-0.4566	-385	372	-0.4542	0.0024	0.0024
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS54  
**DESCRIPTION**

**CURRENT SURVEY** 6/30/2009 11:04:08 AM

**INITIAL SURVEY** 5/18/2009 2:10:50 PM

**DATE PRINTED** 7/15/2009 10:22:17 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	170	-145	0.1890	145	-135	0.1680	-0.0210	-0.1110
4	79	-56	0.0810	71	-63	0.0804	-0.0006	-0.0900
6	9	9	0.0000	3	2	0.0006	0.0000	-0.0894
8	-22	43	-0.0390	-29	38	-0.0402	-0.0012	-0.0894
10	-54	72	-0.0756	-65	67	-0.0792	-0.0036	-0.0882
12	-99	122	-0.1326	-114	117	-0.1386	-0.0060	-0.0846
14	-158	182	-0.2040	-172	178	-0.2100	-0.0060	-0.0786
16	-274	294	-0.3408	-287	291	-0.3468	-0.0060	-0.0726
18	-344	367	-0.4266	-353	366	-0.4314	-0.0048	-0.0666
20	-366	385	-0.4506	-379	386	-0.4590	-0.0084	-0.0618
22	-355	373	-0.4368	-367	374	-0.4446	-0.0078	-0.0534
24	-343	380	-0.4338	-360	379	-0.4434	-0.0096	-0.0456
26	-326	336	-0.3972	-343	339	-0.4092	-0.0120	-0.0360
28	-277	299	-0.3456	-291	299	-0.3540	-0.0084	-0.0240
30	-338	357	-0.4170	-350	356	-0.4236	-0.0066	-0.0156
32	-371	390	-0.4566	-384	392	-0.4656	-0.0090	-0.0090
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000



**SITE** JSF  
**INSTALLATION** JS54  
**DESCRIPTION**

**CURRENT SURVEY** 7/13/2009 2:23:09 PM

**INITIAL SURVEY** 5/18/2009 2:10:50 PM

**DATE PRINTED** 7/15/2009 10:22:17 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	170	-145	0.1890	137	-122	0.1554	-0.0336	-0.1302
4	79	-56	0.0810	73	-62	0.0810	0.0000	-0.0966
6	9	9	0.0000	6	7	-0.0006	0.0000	-0.0966
8	-22	43	-0.0390	-27	40	-0.0402	-0.0012	-0.0966
10	-54	72	-0.0756	-62	70	-0.0792	-0.0036	-0.0954
12	-99	122	-0.1326	-111	120	-0.1386	-0.0060	-0.0918
14	-158	182	-0.2040	-168	182	-0.2100	-0.0060	-0.0858
16	-274	294	-0.3408	-286	294	-0.3480	-0.0072	-0.0798
18	-344	367	-0.4266	-351	369	-0.4320	-0.0054	-0.0726
20	-366	385	-0.4506	-377	389	-0.4596	-0.0090	-0.0672
22	-355	373	-0.4368	-365	377	-0.4452	-0.0084	-0.0582
24	-343	380	-0.4338	-358	381	-0.4434	-0.0096	-0.0498
26	-326	336	-0.3972	-342	343	-0.4110	-0.0138	-0.0402
28	-277	299	-0.3456	-289	302	-0.3546	-0.0090	-0.0264
30	-338	357	-0.4170	-347	361	-0.4248	-0.0078	-0.0174
32	-371	390	-0.4566	-382	395	-0.4662	-0.0096	-0.0096
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS54  
**DESCRIPTION**

**CURRENT SURVEY** 6/4/2009 2:13:42 PM

**INITIAL SURVEY** 5/18/2009 2:10:50 PM

**DATE PRINTED** 7/15/2009 10:22:26 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-87	89	-0.1056	-90	94	-0.1104	-0.0048	-0.0144
4	-2	27	-0.0174	2	29	-0.0162	0.0012	-0.0096
6	-115	143	-0.1548	-116	142	-0.1548	0.0000	-0.0108
8	-180	190	-0.2220	-174	190	-0.2184	0.0036	-0.0108
10	-354	379	-0.4398	-360	380	-0.4440	-0.0042	-0.0144
12	-530	546	-0.6456	-531	546	-0.6462	-0.0006	-0.0102
14	-733	736	-0.8814	-730	733	-0.8778	0.0036	-0.0096
16	-1017	1043	-1.2360	-1018	1041	-1.2354	0.0006	-0.0132
18	-1171	1197	-1.4208	-1171	1195	-1.4196	0.0012	-0.0138
20	-1271	1308	-1.5474	-1274	1309	-1.5498	-0.0024	-0.0150
22	-1262	1297	-1.5354	-1263	1300	-1.5378	-0.0024	-0.0126
24	-1278	1275	-1.5318	-1279	1277	-1.5336	-0.0018	-0.0102
26	-1580	1607	-1.9122	-1578	1605	-1.9098	0.0024	-0.0084
28	-1542	1571	-1.8678	-1546	1574	-1.8720	-0.0042	-0.0108
30	-1454	1491	-1.7670	-1457	1494	-1.7706	-0.0036	-0.0066
32	-1418	1455	-1.7238	-1421	1457	-1.7268	-0.0030	-0.0030
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS54  
**DESCRIPTION**

**CURRENT SURVEY** 6/16/2009 2:08:00 PM

**INITIAL SURVEY** 5/18/2009 2:10:50 PM

**DATE PRINTED** 7/15/2009 10:22:26 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-87	89	-0.1056	-81	82	-0.0978	0.0078	0.0960
4	-2	27	-0.0174	-14	11	-0.0150	0.0024	0.0882
6	-115	143	-0.1548	-124	126	-0.1500	0.0048	0.0858
8	-180	190	-0.2220	-174	172	-0.2076	0.0144	0.0810
10	-354	379	-0.4398	-363	363	-0.4356	0.0042	0.0666
12	-530	546	-0.6456	-530	530	-0.6360	0.0096	0.0624
14	-733	736	-0.8814	-725	720	-0.8670	0.0144	0.0528
16	-1017	1043	-1.2360	-1019	1027	-1.2276	0.0084	0.0384
18	-1171	1197	-1.4208	-1177	1180	-1.4142	0.0066	0.0300
20	-1271	1308	-1.5474	-1287	1289	-1.5456	0.0018	0.0234
22	-1262	1297	-1.5354	-1280	1280	-1.5360	-0.0006	0.0216
24	-1278	1275	-1.5318	-1267	1261	-1.5168	0.0150	0.0222
26	-1580	1607	-1.9122	-1580	1590	-1.9020	0.0102	0.0072
28	-1542	1571	-1.8678	-1559	1559	-1.8708	-0.0030	-0.0030
30	-1454	1491	-1.7670	-1472	1473	-1.7670	0.0000	0.0000
32	-1418	1455	-1.7238	-1436	1437	-1.7238	0.0000	0.0000
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS54  
**DESCRIPTION**

**CURRENT SURVEY** 6/30/2009 11:04:08 AM

**INITIAL SURVEY** 5/18/2009 2:10:50 PM

**DATE PRINTED** 7/15/2009 10:22:27 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-87	89	-0.1056	-78	105	-0.1098	-0.0042	-0.0186
4	-2	27	-0.0174	6	42	-0.0216	-0.0042	-0.0144
6	-115	143	-0.1548	-104	155	-0.1554	-0.0006	-0.0102
8	-180	190	-0.2220	-167	202	-0.2214	0.0006	-0.0096
10	-354	379	-0.4398	-361	394	-0.4530	-0.0132	-0.0102
12	-530	546	-0.6456	-529	561	-0.6540	-0.0084	0.0030
14	-733	736	-0.8814	-718	749	-0.8802	0.0012	0.0114
16	-1017	1043	-1.2360	-1005	1050	-1.2330	0.0030	0.0102
18	-1171	1197	-1.4208	-1160	1209	-1.4214	-0.0006	0.0072
20	-1271	1308	-1.5474	-1259	1319	-1.5468	0.0006	0.0078
22	-1262	1297	-1.5354	-1249	1308	-1.5342	0.0012	0.0072
24	-1278	1275	-1.5318	-1265	1287	-1.5312	0.0006	0.0060
26	-1580	1607	-1.9122	-1566	1617	-1.9098	0.0024	0.0054
28	-1542	1571	-1.8678	-1530	1581	-1.8666	0.0012	0.0030
30	-1454	1491	-1.7670	-1442	1501	-1.7658	0.0012	0.0018
32	-1418	1455	-1.7238	-1406	1466	-1.7232	0.0006	0.0006
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS54  
**DESCRIPTION**

**CURRENT SURVEY** 7/13/2009 2:23:09 PM

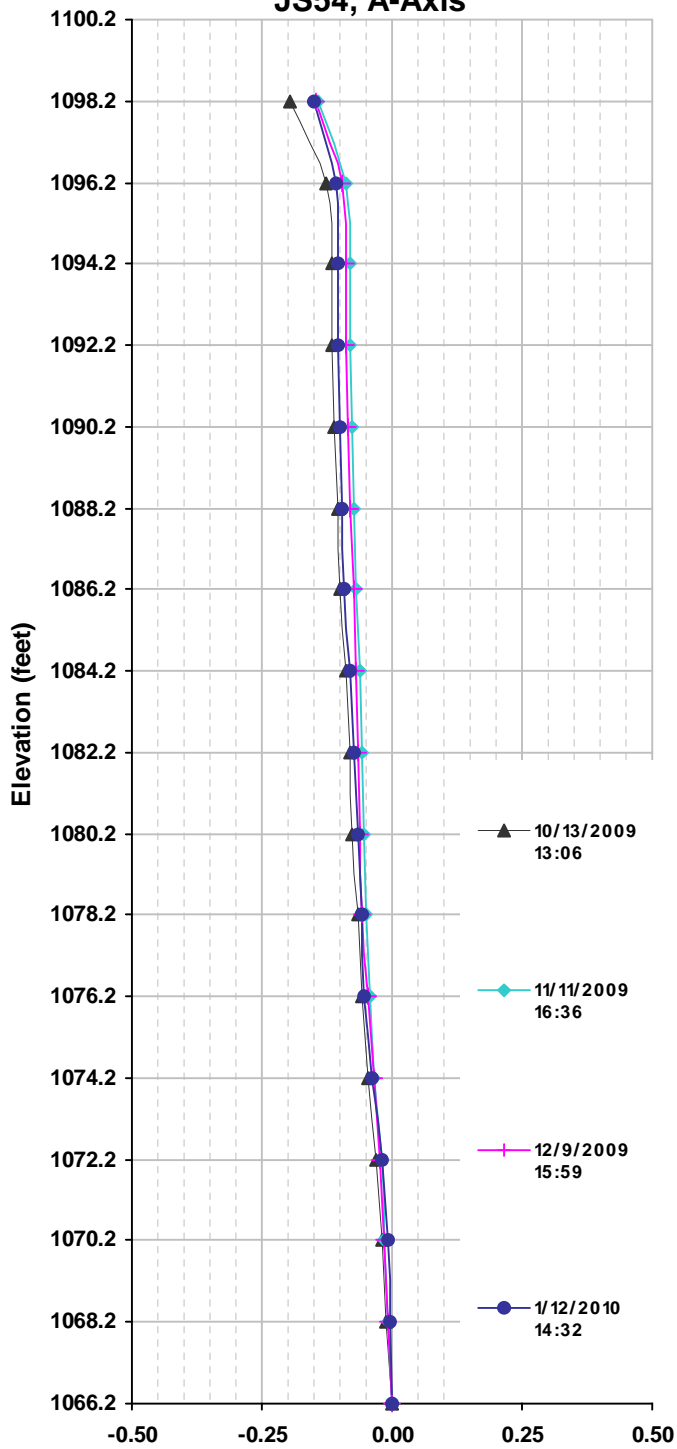
**INITIAL SURVEY** 5/18/2009 2:10:50 PM

**DATE PRINTED** 7/15/2009 10:22:27 AM

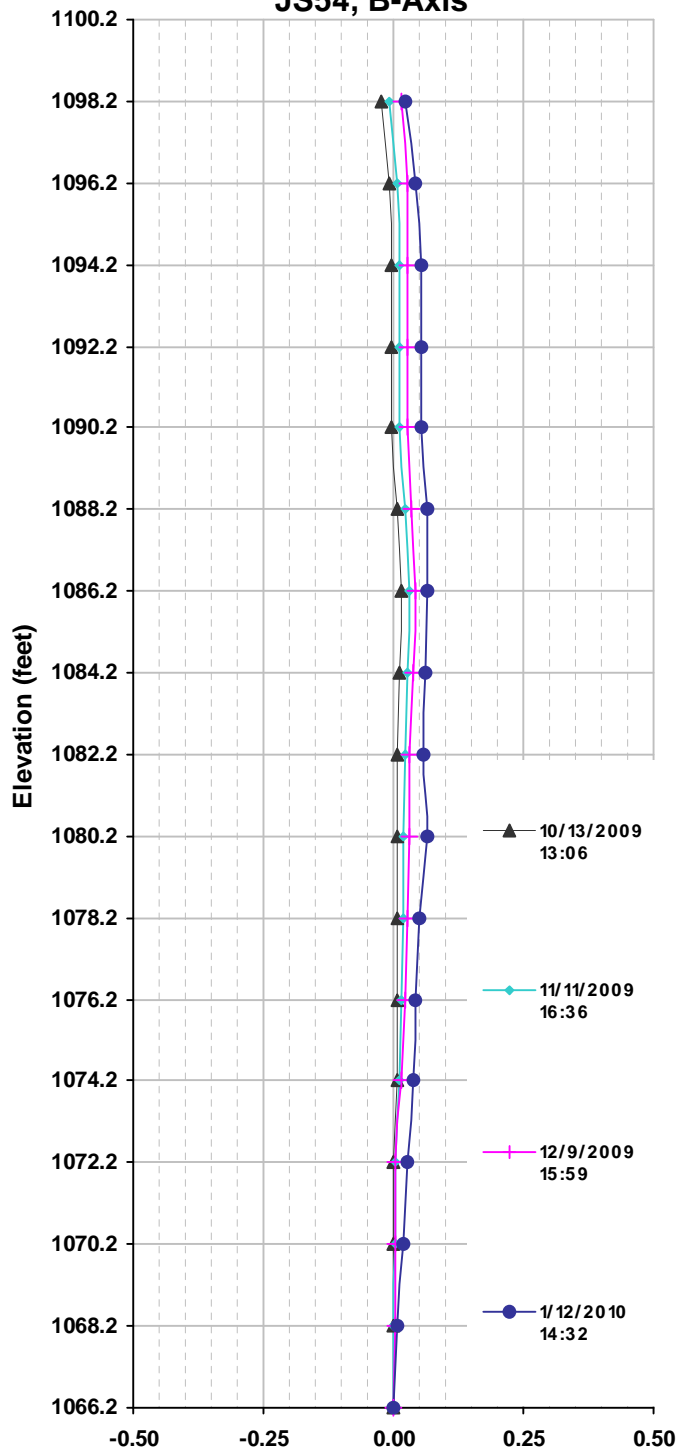
Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-87	89	-0.1056	-73	103	-0.1056	0.0000	0.0348
4	-2	27	-0.0174	9	42	-0.0198	-0.0024	0.0348
6	-115	143	-0.1548	-102	151	-0.1518	0.0030	0.0372
8	-180	190	-0.2220	-166	200	-0.2196	0.0024	0.0342
10	-354	379	-0.4398	-358	391	-0.4494	-0.0096	0.0318
12	-530	546	-0.6456	-527	558	-0.6510	-0.0054	0.0414
14	-733	736	-0.8814	-715	742	-0.8742	0.0072	0.0468
16	-1017	1043	-1.2360	-1002	1046	-1.2288	0.0072	0.0396
18	-1171	1197	-1.4208	-1156	1207	-1.4178	0.0030	0.0324
20	-1271	1308	-1.5474	-1256	1316	-1.5432	0.0042	0.0294
22	-1262	1297	-1.5354	-1249	1307	-1.5336	0.0018	0.0252
24	-1278	1275	-1.5318	-1256	1286	-1.5252	0.0066	0.0234
26	-1580	1607	-1.9122	-1562	1608	-1.9020	0.0102	0.0168
28	-1542	1571	-1.8678	-1530	1581	-1.8666	0.0012	0.0066
30	-1454	1491	-1.7670	-1441	1500	-1.7646	0.0024	0.0054
32	-1418	1455	-1.7238	-1405	1463	-1.7208	0.0030	0.0030
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000

JS54, A-Axis

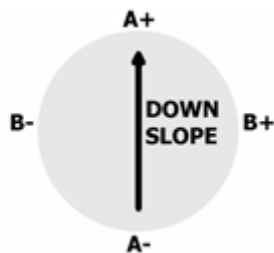


JS54, B-Axis



Cumulative Displacement (in) from 5/18/2009

Cumulative Displacement (in) from 5/18/2009



John Sevier Fossil Plant

Rogersville, TN

175569038

1/14/2010

**SITE** JSF  
**INSTALLATION** JS54  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 1:06:45 PM

**INITIAL SURVEY** 5/18/2009 2:10:50 PM

**DATE PRINTED** 1/14/2010 7:51:28 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	170	-145	0.1890	105	-99	0.1224	-0.0666	-0.1944
4	79	-56	0.0810	62	-55	0.0702	-0.0108	-0.1278
6	9	9	0.0000	-1	5	-0.0036	0.0000	-0.1170
8	-22	43	-0.0390	-34	39	-0.0438	-0.0048	-0.1170
10	-54	72	-0.0756	-68	69	-0.0822	-0.0066	-0.1122
12	-99	122	-0.1326	-115	118	-0.1398	-0.0072	-0.1056
14	-158	182	-0.2040	-177	180	-0.2142	-0.0102	-0.0984
16	-274	294	-0.3408	-289	289	-0.3468	-0.0060	-0.0882
18	-344	367	-0.4266	-355	366	-0.4326	-0.0060	-0.0822
20	-366	385	-0.4506	-381	386	-0.4602	-0.0096	-0.0762
22	-355	373	-0.4368	-370	375	-0.4470	-0.0102	-0.0666
24	-343	380	-0.4338	-364	379	-0.4458	-0.0120	-0.0564
26	-326	336	-0.3972	-345	342	-0.4122	-0.0150	-0.0444
28	-277	299	-0.3456	-294	298	-0.3552	-0.0096	-0.0294
30	-338	357	-0.4170	-351	358	-0.4254	-0.0084	-0.0198
32	-371	390	-0.4566	-387	393	-0.4680	-0.0114	-0.0114
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS54  
**DESCRIPTION**

**CURRENT SURVEY** 11/11/2009 4:36:21 PM

**INITIAL SURVEY** 5/18/2009 2:10:50 PM

**DATE PRINTED** 1/14/2010 7:51:28 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	170	-145	0.1890	121	-106	0.1362	-0.0528	-0.1416
4	79	-56	0.0810	67	-53	0.0720	-0.0090	-0.0888
6	9	9	0.0000	7	7	0.0000	0.0000	-0.0798
8	-22	43	-0.0390	-26	41	-0.0402	-0.0012	-0.0798
10	-54	72	-0.0756	-61	71	-0.0792	-0.0036	-0.0786
12	-99	122	-0.1326	-109	121	-0.1380	-0.0054	-0.0750
14	-158	182	-0.2040	-165	186	-0.2106	-0.0066	-0.0696
16	-274	294	-0.3408	-284	290	-0.3444	-0.0036	-0.0630
18	-344	367	-0.4266	-349	369	-0.4308	-0.0042	-0.0594
20	-366	385	-0.4506	-374	387	-0.4566	-0.0060	-0.0552
22	-355	373	-0.4368	-363	378	-0.4446	-0.0078	-0.0492
24	-343	380	-0.4338	-357	378	-0.4410	-0.0072	-0.0414
26	-326	336	-0.3972	-343	342	-0.4110	-0.0138	-0.0342
28	-277	299	-0.3456	-286	300	-0.3516	-0.0060	-0.0204
30	-338	357	-0.4170	-344	361	-0.4230	-0.0060	-0.0144
32	-371	390	-0.4566	-380	395	-0.4650	-0.0084	-0.0084
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000



**SITE** JSF  
**INSTALLATION** JS54  
**DESCRIPTION**

**CURRENT SURVEY** 12/9/2009 3:59:38 PM

**INITIAL SURVEY** 5/18/2009 2:10:50 PM

**DATE PRINTED** 1/14/2010 7:51:28 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	170	-145	0.1890	123	-109	0.1392	-0.0498	-0.1452
4	79	-56	0.0810	68	-54	0.0732	-0.0078	-0.0954
6	9	9	0.0000	3	7	-0.0024	0.0000	-0.0876
8	-22	43	-0.0390	-28	42	-0.0420	-0.0030	-0.0876
10	-54	72	-0.0756	-61	71	-0.0792	-0.0036	-0.0846
12	-99	122	-0.1326	-110	121	-0.1386	-0.0060	-0.0810
14	-158	182	-0.2040	-170	182	-0.2112	-0.0072	-0.0750
16	-274	294	-0.3408	-282	291	-0.3438	-0.0030	-0.0678
18	-344	367	-0.4266	-348	367	-0.4290	-0.0024	-0.0648
20	-366	385	-0.4506	-374	388	-0.4572	-0.0066	-0.0624
22	-355	373	-0.4368	-363	378	-0.4446	-0.0078	-0.0558
24	-343	380	-0.4338	-358	386	-0.4464	-0.0126	-0.0480
26	-326	336	-0.3972	-343	342	-0.4110	-0.0138	-0.0354
28	-277	299	-0.3456	-287	299	-0.3516	-0.0060	-0.0216
30	-338	357	-0.4170	-345	361	-0.4236	-0.0066	-0.0156
32	-371	390	-0.4566	-381	395	-0.4656	-0.0090	-0.0090
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS54  
**DESCRIPTION**

**CURRENT SURVEY** 1/12/2010 2:32:12 PM

**INITIAL SURVEY** 5/18/2009 2:10:50 PM

**DATE PRINTED** 1/14/2010 7:51:28 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	170	-145	0.1890	121	-123	0.1464	-0.0426	-0.1500
4	79	-56	0.0810	63	-63	0.0756	-0.0054	-0.1074
6	9	9	0.0000	-5	-1	-0.0024	0.0000	-0.1020
8	-22	43	-0.0390	-36	33	-0.0414	-0.0024	-0.1020
10	-54	72	-0.0756	-68	64	-0.0792	-0.0036	-0.0996
12	-99	122	-0.1326	-114	114	-0.1368	-0.0042	-0.0960
14	-158	182	-0.2040	-178	180	-0.2148	-0.0108	-0.0918
16	-274	294	-0.3408	-292	286	-0.3468	-0.0060	-0.0810
18	-344	367	-0.4266	-364	366	-0.4380	-0.0114	-0.0750
20	-366	385	-0.4506	-381	379	-0.4560	-0.0054	-0.0636
22	-355	373	-0.4368	-366	368	-0.4404	-0.0036	-0.0582
24	-343	380	-0.4338	-372	376	-0.4488	-0.0150	-0.0546
26	-326	336	-0.3972	-355	340	-0.4170	-0.0198	-0.0396
28	-277	299	-0.3456	-295	298	-0.3558	-0.0102	-0.0198
30	-338	357	-0.4170	-353	351	-0.4224	-0.0054	-0.0096
32	-371	390	-0.4566	-383	385	-0.4608	-0.0042	-0.0042
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS54  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 1:06:45 PM

**INITIAL SURVEY** 5/18/2009 2:10:50 PM

**DATE PRINTED** 1/14/2010 7:51:37 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-87	89	-0.1056	-87	113	-0.1200	-0.0144	-0.0216
4	-2	27	-0.0174	5	41	-0.0216	-0.0042	-0.0072
6	-115	143	-0.1548	-105	154	-0.1554	-0.0006	-0.0030
8	-180	190	-0.2220	-169	199	-0.2208	0.0012	-0.0024
10	-354	379	-0.4398	-361	393	-0.4524	-0.0126	-0.0036
12	-530	546	-0.6456	-529	557	-0.6516	-0.0060	0.0090
14	-733	736	-0.8814	-720	746	-0.8796	0.0018	0.0150
16	-1017	1043	-1.2360	-1005	1047	-1.2312	0.0048	0.0132
18	-1171	1197	-1.4208	-1161	1209	-1.4220	-0.0012	0.0084
20	-1271	1308	-1.5474	-1260	1319	-1.5474	0.0000	0.0096
22	-1262	1297	-1.5354	-1249	1307	-1.5336	0.0018	0.0096
24	-1278	1275	-1.5318	-1264	1287	-1.5306	0.0012	0.0078
26	-1580	1607	-1.9122	-1566	1609	-1.9050	0.0072	0.0066
28	-1542	1571	-1.8678	-1532	1581	-1.8678	0.0000	-0.0006
30	-1454	1491	-1.7670	-1443	1503	-1.7676	-0.0006	-0.0006
32	-1418	1455	-1.7238	-1408	1465	-1.7238	0.0000	0.0000
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS54  
**DESCRIPTION**

**CURRENT SURVEY** 11/11/2009 4:36:21 PM

**INITIAL SURVEY** 5/18/2009 2:10:50 PM

**DATE PRINTED** 1/14/2010 7:51:37 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-87	89	-0.1056	-89	115	-0.1224	-0.0168	-0.0090
4	-2	27	-0.0174	8	44	-0.0216	-0.0042	0.0078
6	-115	143	-0.1548	-103	157	-0.1560	-0.0012	0.0120
8	-180	190	-0.2220	-166	203	-0.2214	0.0006	0.0132
10	-354	379	-0.4398	-358	394	-0.4512	-0.0114	0.0126
12	-530	546	-0.6456	-527	558	-0.6510	-0.0054	0.0240
14	-733	736	-0.8814	-718	747	-0.8790	0.0024	0.0294
16	-1017	1043	-1.2360	-1003	1048	-1.2306	0.0054	0.0270
18	-1171	1197	-1.4208	-1158	1206	-1.4184	0.0024	0.0216
20	-1271	1308	-1.5474	-1256	1320	-1.5456	0.0018	0.0192
22	-1262	1297	-1.5354	-1246	1310	-1.5336	0.0018	0.0174
24	-1278	1275	-1.5318	-1255	1289	-1.5264	0.0054	0.0156
26	-1580	1607	-1.9122	-1563	1611	-1.9044	0.0078	0.0102
28	-1542	1571	-1.8678	-1529	1584	-1.8678	0.0000	0.0024
30	-1454	1491	-1.7670	-1441	1503	-1.7664	0.0006	0.0024
32	-1418	1455	-1.7238	-1403	1467	-1.7220	0.0018	0.0018
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS54  
**DESCRIPTION**

**CURRENT SURVEY** 12/9/2009 3:59:38 PM

**INITIAL SURVEY** 5/18/2009 2:10:50 PM

**DATE PRINTED** 1/14/2010 7:51:37 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-87	89	-0.1056	-83	110	-0.1158	-0.0102	0.0168
4	-2	27	-0.0174	13	45	-0.0192	-0.0018	0.0270
6	-115	143	-0.1548	-100	155	-0.1530	0.0018	0.0288
8	-180	190	-0.2220	-165	204	-0.2214	0.0006	0.0270
10	-354	379	-0.4398	-355	393	-0.4488	-0.0090	0.0264
12	-530	546	-0.6456	-528	561	-0.6534	-0.0078	0.0354
14	-733	736	-0.8814	-717	746	-0.8778	0.0036	0.0432
16	-1017	1043	-1.2360	-998	1049	-1.2282	0.0078	0.0396
18	-1171	1197	-1.4208	-1154	1210	-1.4184	0.0024	0.0318
20	-1271	1308	-1.5474	-1253	1322	-1.5450	0.0024	0.0294
22	-1262	1297	-1.5354	-1243	1310	-1.5318	0.0036	0.0270
24	-1278	1275	-1.5318	-1253	1289	-1.5252	0.0066	0.0234
26	-1580	1607	-1.9122	-1559	1608	-1.9002	0.0120	0.0168
28	-1542	1571	-1.8678	-1526	1586	-1.8672	0.0006	0.0048
30	-1454	1491	-1.7670	-1438	1506	-1.7664	0.0006	0.0042
32	-1418	1455	-1.7238	-1400	1467	-1.7202	0.0036	0.0036
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000

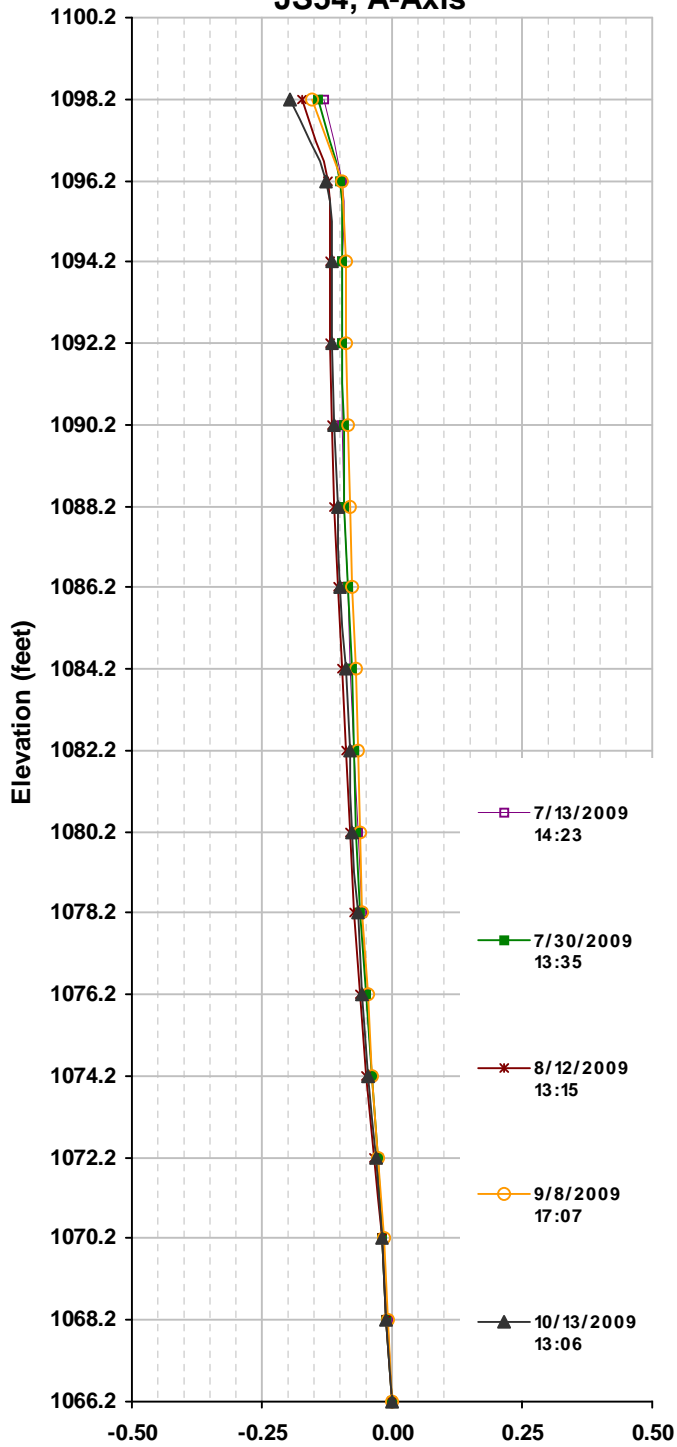
**SITE** JSF  
**INSTALLATION** JS54  
**DESCRIPTION**

**CURRENT SURVEY** 1/12/2010 2:32:12 PM  
**INITIAL SURVEY** 5/18/2009 2:10:50 PM  
**DATE PRINTED** 1/14/2010 7:51:37 AM

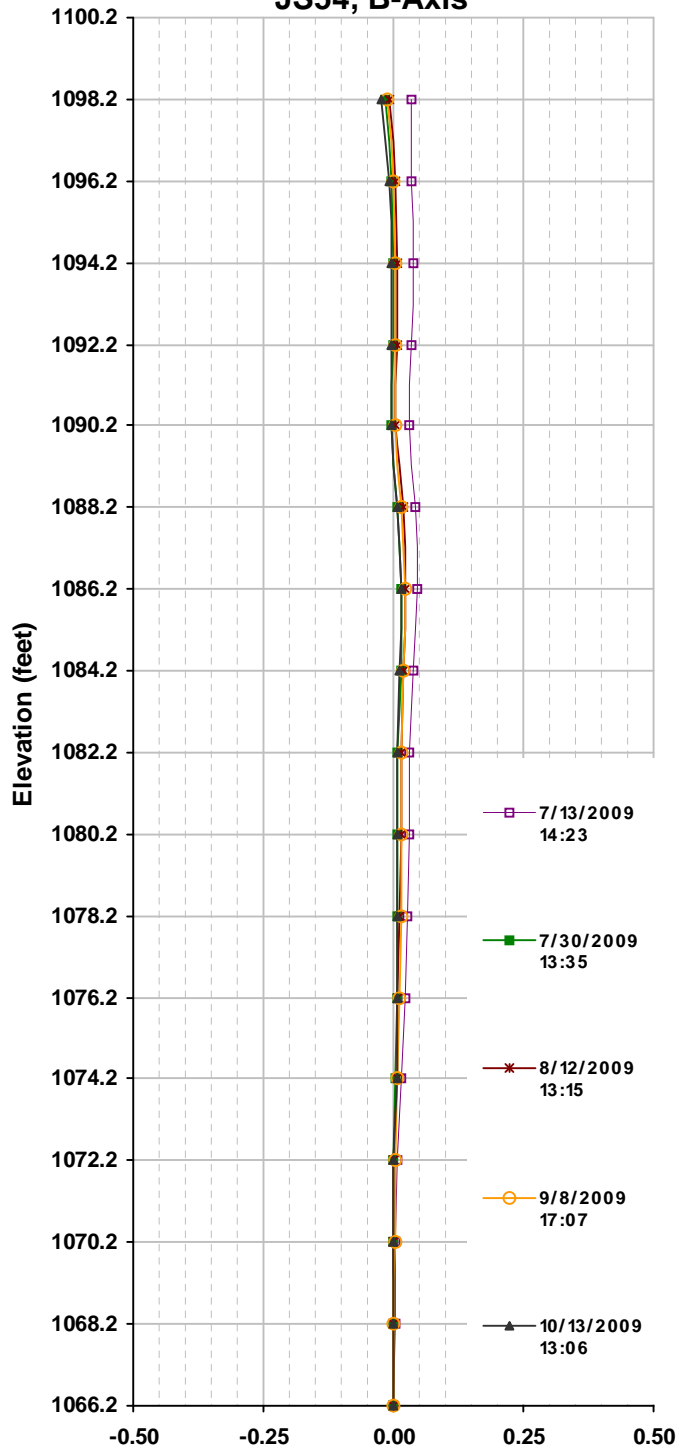
Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-87	89	-0.1056	-107	101	-0.1248	-0.0192	0.0246
4	-2	27	-0.0174	-32	12	-0.0264	-0.0090	0.0438
6	-115	143	-0.1548	-142	120	-0.1572	-0.0024	0.0528
8	-180	190	-0.2220	-191	176	-0.2202	0.0018	0.0552
10	-354	379	-0.4398	-381	369	-0.4500	-0.0102	0.0534
12	-530	546	-0.6456	-546	534	-0.6480	-0.0024	0.0636
14	-733	736	-0.8814	-739	721	-0.8760	0.0054	0.0660
16	-1017	1043	-1.2360	-1026	1032	-1.2348	0.0012	0.0606
18	-1171	1197	-1.4208	-1195	1180	-1.4250	-0.0042	0.0594
20	-1271	1308	-1.5474	-1295	1263	-1.5348	0.0126	0.0636
22	-1262	1297	-1.5354	-1287	1255	-1.5252	0.0102	0.0510
24	-1278	1275	-1.5318	-1288	1260	-1.5288	0.0030	0.0408
26	-1580	1607	-1.9122	-1593	1575	-1.9008	0.0114	0.0378
28	-1542	1571	-1.8678	-1560	1541	-1.8606	0.0072	0.0264
30	-1454	1491	-1.7670	-1474	1454	-1.7568	0.0102	0.0192
32	-1418	1455	-1.7238	-1445	1413	-1.7148	0.0090	0.0090
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000

JS54, A-Axis

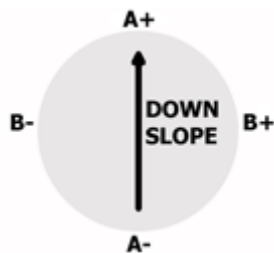


JS54, B-Axis



Cumulative Displacement (in) from 5/18/2009

Cumulative Displacement (in) from 5/18/2009



John Sevier Fossil Plant

Rogersville, TN

175569038

10/15/2009

**SITE** JSF  
**INSTALLATION** JS54  
**DESCRIPTION**

**CURRENT SURVEY** 7/13/2009 2:23:09 PM

**INITIAL SURVEY** 5/18/2009 2:10:50 PM

**DATE PRINTED** 10/15/2009 10:40:12 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	170	-145	0.1890	137	-122	0.1554	-0.0336	-0.1302
4	79	-56	0.0810	73	-62	0.0810	0.0000	-0.0966
6	9	9	0.0000	6	7	-0.0006	0.0000	-0.0966
8	-22	43	-0.0390	-27	40	-0.0402	-0.0012	-0.0966
10	-54	72	-0.0756	-62	70	-0.0792	-0.0036	-0.0954
12	-99	122	-0.1326	-111	120	-0.1386	-0.0060	-0.0918
14	-158	182	-0.2040	-168	182	-0.2100	-0.0060	-0.0858
16	-274	294	-0.3408	-286	294	-0.3480	-0.0072	-0.0798
18	-344	367	-0.4266	-351	369	-0.4320	-0.0054	-0.0726
20	-366	385	-0.4506	-377	389	-0.4596	-0.0090	-0.0672
22	-355	373	-0.4368	-365	377	-0.4452	-0.0084	-0.0582
24	-343	380	-0.4338	-358	381	-0.4434	-0.0096	-0.0498
26	-326	336	-0.3972	-342	343	-0.4110	-0.0138	-0.0402
28	-277	299	-0.3456	-289	302	-0.3546	-0.0090	-0.0264
30	-338	357	-0.4170	-347	361	-0.4248	-0.0078	-0.0174
32	-371	390	-0.4566	-382	395	-0.4662	-0.0096	-0.0096
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000



**SITE** JSF  
**INSTALLATION** JS54  
**DESCRIPTION**

**CURRENT SURVEY** 7/30/2009 1:35:10 PM

**INITIAL SURVEY** 5/18/2009 2:10:50 PM

**DATE PRINTED** 10/15/2009 10:40:12 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	170	-145	0.1890	124	-118	0.1452	-0.0438	-0.1422
4	79	-56	0.0810	69	-62	0.0786	-0.0024	-0.0984
6	9	9	0.0000	2	2	0.0000	0.0000	-0.0960
8	-22	43	-0.0390	-31	37	-0.0408	-0.0018	-0.0960
10	-54	72	-0.0756	-65	66	-0.0786	-0.0030	-0.0942
12	-99	122	-0.1326	-115	116	-0.1386	-0.0060	-0.0912
14	-158	182	-0.2040	-174	177	-0.2106	-0.0066	-0.0852
16	-274	294	-0.3408	-290	286	-0.3456	-0.0048	-0.0786
18	-344	367	-0.4266	-356	365	-0.4326	-0.0060	-0.0738
20	-366	385	-0.4506	-379	385	-0.4584	-0.0078	-0.0678
22	-355	373	-0.4368	-369	373	-0.4452	-0.0084	-0.0600
24	-343	380	-0.4338	-365	377	-0.4452	-0.0114	-0.0516
26	-326	336	-0.3972	-346	339	-0.4110	-0.0138	-0.0402
28	-277	299	-0.3456	-293	297	-0.3540	-0.0084	-0.0264
30	-338	357	-0.4170	-351	357	-0.4248	-0.0078	-0.0180
32	-371	390	-0.4566	-386	392	-0.4668	-0.0102	-0.0102
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS54  
**DESCRIPTION**

**CURRENT SURVEY** 8/12/2009 1:15:25 PM  
**INITIAL SURVEY** 5/18/2009 2:10:50 PM  
**DATE PRINTED** 10/15/2009 10:40:12 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	170	-145	0.1890	122	-110	0.1392	-0.0498	-0.1734
4	79	-56	0.0810	71	-56	0.0762	-0.0048	-0.1236
6	9	9	0.0000	2	6	-0.0024	0.0000	-0.1188
8	-22	43	-0.0390	-30	40	-0.0420	-0.0030	-0.1188
10	-54	72	-0.0756	-65	70	-0.0810	-0.0054	-0.1158
12	-99	122	-0.1326	-113	121	-0.1404	-0.0078	-0.1104
14	-158	182	-0.2040	-171	181	-0.2112	-0.0072	-0.1026
16	-274	294	-0.3408	-289	290	-0.3474	-0.0066	-0.0954
18	-344	367	-0.4266	-354	368	-0.4332	-0.0066	-0.0888
20	-366	385	-0.4506	-379	389	-0.4608	-0.0102	-0.0822
22	-355	373	-0.4368	-367	379	-0.4476	-0.0108	-0.0720
24	-343	380	-0.4338	-363	381	-0.4464	-0.0126	-0.0612
26	-326	336	-0.3972	-344	344	-0.4128	-0.0156	-0.0486
28	-277	299	-0.3456	-291	305	-0.3576	-0.0120	-0.0330
30	-338	357	-0.4170	-349	363	-0.4272	-0.0102	-0.0210
32	-371	390	-0.4566	-384	395	-0.4674	-0.0108	-0.0108
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS54  
**DESCRIPTION**

**CURRENT SURVEY** 9/8/2009 5:07:10 PM

**INITIAL SURVEY** 5/18/2009 2:10:50 PM

**DATE PRINTED** 10/15/2009 10:40:12 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	170	-145	0.1890	116	-103	0.1314	-0.0576	-0.1530
4	79	-56	0.0810	67	-55	0.0732	-0.0078	-0.0954
6	9	9	0.0000	4	5	-0.0006	0.0000	-0.0876
8	-22	43	-0.0390	-29	40	-0.0414	-0.0024	-0.0876
10	-54	72	-0.0756	-63	69	-0.0792	-0.0036	-0.0852
12	-99	122	-0.1326	-111	118	-0.1374	-0.0048	-0.0816
14	-158	182	-0.2040	-171	179	-0.2100	-0.0060	-0.0768
16	-274	294	-0.3408	-286	289	-0.3450	-0.0042	-0.0708
18	-344	367	-0.4266	-351	366	-0.4302	-0.0036	-0.0666
20	-366	385	-0.4506	-377	386	-0.4578	-0.0072	-0.0630
22	-355	373	-0.4368	-365	376	-0.4446	-0.0078	-0.0558
24	-343	380	-0.4338	-362	379	-0.4446	-0.0108	-0.0480
26	-326	336	-0.3972	-341	341	-0.4092	-0.0120	-0.0372
28	-277	299	-0.3456	-289	302	-0.3546	-0.0090	-0.0252
30	-338	357	-0.4170	-347	361	-0.4248	-0.0078	-0.0162
32	-371	390	-0.4566	-382	393	-0.4650	-0.0084	-0.0084
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS54  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 1:06:45 PM  
**INITIAL SURVEY** 5/18/2009 2:10:50 PM  
**DATE PRINTED** 10/15/2009 10:40:12 AM

Data Reduction for A Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	A0	A180	Incr. Dev (in)	A0	A180	Incr. Dev (in)		
2	170	-145	0.1890	105	-99	0.1224	-0.0666	-0.1944
4	79	-56	0.0810	62	-55	0.0702	-0.0108	-0.1278
6	9	9	0.0000	-1	5	-0.0036	0.0000	-0.1170
8	-22	43	-0.0390	-34	39	-0.0438	-0.0048	-0.1170
10	-54	72	-0.0756	-68	69	-0.0822	-0.0066	-0.1122
12	-99	122	-0.1326	-115	118	-0.1398	-0.0072	-0.1056
14	-158	182	-0.2040	-177	180	-0.2142	-0.0102	-0.0984
16	-274	294	-0.3408	-289	289	-0.3468	-0.0060	-0.0882
18	-344	367	-0.4266	-355	366	-0.4326	-0.0060	-0.0822
20	-366	385	-0.4506	-381	386	-0.4602	-0.0096	-0.0762
22	-355	373	-0.4368	-370	375	-0.4470	-0.0102	-0.0666
24	-343	380	-0.4338	-364	379	-0.4458	-0.0120	-0.0564
26	-326	336	-0.3972	-345	342	-0.4122	-0.0150	-0.0444
28	-277	299	-0.3456	-294	298	-0.3552	-0.0096	-0.0294
30	-338	357	-0.4170	-351	358	-0.4254	-0.0084	-0.0198
32	-371	390	-0.4566	-387	393	-0.4680	-0.0114	-0.0114
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS54  
**DESCRIPTION**

**CURRENT SURVEY** 7/13/2009 2:23:09 PM

**INITIAL SURVEY** 5/18/2009 2:10:50 PM

**DATE PRINTED** 10/15/2009 10:40:19 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-87	89	-0.1056	-73	103	-0.1056	0.0000	0.0348
4	-2	27	-0.0174	9	42	-0.0198	-0.0024	0.0348
6	-115	143	-0.1548	-102	151	-0.1518	0.0030	0.0372
8	-180	190	-0.2220	-166	200	-0.2196	0.0024	0.0342
10	-354	379	-0.4398	-358	391	-0.4494	-0.0096	0.0318
12	-530	546	-0.6456	-527	558	-0.6510	-0.0054	0.0414
14	-733	736	-0.8814	-715	742	-0.8742	0.0072	0.0468
16	-1017	1043	-1.2360	-1002	1046	-1.2288	0.0072	0.0396
18	-1171	1197	-1.4208	-1156	1207	-1.4178	0.0030	0.0324
20	-1271	1308	-1.5474	-1256	1316	-1.5432	0.0042	0.0294
22	-1262	1297	-1.5354	-1249	1307	-1.5336	0.0018	0.0252
24	-1278	1275	-1.5318	-1256	1286	-1.5252	0.0066	0.0234
26	-1580	1607	-1.9122	-1562	1608	-1.9020	0.0102	0.0168
28	-1542	1571	-1.8678	-1530	1581	-1.8666	0.0012	0.0066
30	-1454	1491	-1.7670	-1441	1500	-1.7646	0.0024	0.0054
32	-1418	1455	-1.7238	-1405	1463	-1.7208	0.0030	0.0030
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS54  
**DESCRIPTION**

**CURRENT SURVEY** 7/30/2009 1:35:10 PM

**INITIAL SURVEY** 5/18/2009 2:10:50 PM

**DATE PRINTED** 10/15/2009 10:40:19 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-87	89	-0.1056	-78	115	-0.1158	-0.0102	-0.0156
4	-2	27	-0.0174	9	44	-0.0210	-0.0036	-0.0054
6	-115	143	-0.1548	-102	156	-0.1548	0.0000	-0.0018
8	-180	190	-0.2220	-165	203	-0.2208	0.0012	-0.0018
10	-354	379	-0.4398	-358	395	-0.4518	-0.0120	-0.0030
12	-530	546	-0.6456	-526	562	-0.6528	-0.0072	0.0090
14	-733	736	-0.8814	-717	749	-0.8796	0.0018	0.0162
16	-1017	1043	-1.2360	-1002	1050	-1.2312	0.0048	0.0144
18	-1171	1197	-1.4208	-1157	1211	-1.4208	0.0000	0.0096
20	-1271	1308	-1.5474	-1257	1321	-1.5468	0.0006	0.0096
22	-1262	1297	-1.5354	-1246	1311	-1.5342	0.0012	0.0090
24	-1278	1275	-1.5318	-1257	1290	-1.5282	0.0036	0.0078
26	-1580	1607	-1.9122	-1563	1620	-1.9098	0.0024	0.0042
28	-1542	1571	-1.8678	-1530	1583	-1.8678	0.0000	0.0018
30	-1454	1491	-1.7670	-1441	1502	-1.7658	0.0012	0.0018
32	-1418	1455	-1.7238	-1405	1467	-1.7232	0.0006	0.0006
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS54  
**DESCRIPTION**

**CURRENT SURVEY** 8/12/2009 1:15:25 PM

**INITIAL SURVEY** 5/18/2009 2:10:50 PM

**DATE PRINTED** 10/15/2009 10:40:19 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-87	89	-0.1056	-82	109	-0.1146	-0.0090	-0.0066
4	-2	27	-0.0174	7	42	-0.0210	-0.0036	0.0024
6	-115	143	-0.1548	-105	153	-0.1548	0.0000	0.0060
8	-180	190	-0.2220	-169	200	-0.2214	0.0006	0.0060
10	-354	379	-0.4398	-361	392	-0.4518	-0.0120	0.0054
12	-530	546	-0.6456	-529	555	-0.6504	-0.0048	0.0174
14	-733	736	-0.8814	-719	745	-0.8784	0.0030	0.0222
16	-1017	1043	-1.2360	-1006	1046	-1.2312	0.0048	0.0192
18	-1171	1197	-1.4208	-1161	1206	-1.4202	0.0006	0.0144
20	-1271	1308	-1.5474	-1259	1316	-1.5450	0.0024	0.0138
22	-1262	1297	-1.5354	-1249	1305	-1.5324	0.0030	0.0114
24	-1278	1275	-1.5318	-1262	1287	-1.5294	0.0024	0.0084
26	-1580	1607	-1.9122	-1565	1613	-1.9068	0.0054	0.0060
28	-1542	1571	-1.8678	-1533	1580	-1.8678	0.0000	0.0006
30	-1454	1491	-1.7670	-1446	1499	-1.7670	0.0000	0.0006
32	-1418	1455	-1.7238	-1407	1465	-1.7232	0.0006	0.0006
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000

**SITE** JSF  
**INSTALLATION** JS54  
**DESCRIPTION**

**CURRENT SURVEY** 9/8/2009 5:07:10 PM

**INITIAL SURVEY** 5/18/2009 2:10:50 PM

**DATE PRINTED** 10/15/2009 10:40:19 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-87	89	-0.1056	-81	112	-0.1158	-0.0102	-0.0102
4	-2	27	-0.0174	9	45	-0.0216	-0.0042	0.0000
6	-115	143	-0.1548	-102	155	-0.1542	0.0006	0.0042
8	-180	190	-0.2220	-167	203	-0.2220	0.0000	0.0036
10	-354	379	-0.4398	-357	394	-0.4506	-0.0108	0.0036
12	-530	546	-0.6456	-529	561	-0.6540	-0.0084	0.0144
14	-733	736	-0.8814	-717	749	-0.8796	0.0018	0.0228
16	-1017	1043	-1.2360	-1003	1050	-1.2318	0.0042	0.0210
18	-1171	1197	-1.4208	-1158	1209	-1.4202	0.0006	0.0168
20	-1271	1308	-1.5474	-1256	1321	-1.5462	0.0012	0.0162
22	-1262	1297	-1.5354	-1246	1310	-1.5336	0.0018	0.0150
24	-1278	1275	-1.5318	-1257	1289	-1.5276	0.0042	0.0132
26	-1580	1607	-1.9122	-1563	1617	-1.9080	0.0042	0.0090
28	-1542	1571	-1.8678	-1529	1582	-1.8666	0.0012	0.0048
30	-1454	1491	-1.7670	-1440	1502	-1.7652	0.0018	0.0036
32	-1418	1455	-1.7238	-1403	1467	-1.7220	0.0018	0.0018
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000



**SITE** JSF  
**INSTALLATION** JS54  
**DESCRIPTION**

**CURRENT SURVEY** 10/13/2009 1:06:45 PM

**INITIAL SURVEY** 5/18/2009 2:10:50 PM

**DATE PRINTED** 10/15/2009 10:40:19 AM

Data Reduction for B Axis:

Depth (ft)	Initial			Current			Incr. Disp. (in)	Cum. Disp. (in)
	B0	B180	Incr. Dev (in)	B0	B180	Incr. Dev (in)		
2	-87	89	-0.1056	-87	113	-0.1200	-0.0144	-0.0216
4	-2	27	-0.0174	5	41	-0.0216	-0.0042	-0.0072
6	-115	143	-0.1548	-105	154	-0.1554	-0.0006	-0.0030
8	-180	190	-0.2220	-169	199	-0.2208	0.0012	-0.0024
10	-354	379	-0.4398	-361	393	-0.4524	-0.0126	-0.0036
12	-530	546	-0.6456	-529	557	-0.6516	-0.0060	0.0090
14	-733	736	-0.8814	-720	746	-0.8796	0.0018	0.0150
16	-1017	1043	-1.2360	-1005	1047	-1.2312	0.0048	0.0132
18	-1171	1197	-1.4208	-1161	1209	-1.4220	-0.0012	0.0084
20	-1271	1308	-1.5474	-1260	1319	-1.5474	0.0000	0.0096
22	-1262	1297	-1.5354	-1249	1307	-1.5336	0.0018	0.0096
24	-1278	1275	-1.5318	-1264	1287	-1.5306	0.0012	0.0078
26	-1580	1607	-1.9122	-1566	1609	-1.9050	0.0072	0.0066
28	-1542	1571	-1.8678	-1532	1581	-1.8678	0.0000	-0.0006
30	-1454	1491	-1.7670	-1443	1503	-1.7676	-0.0006	-0.0006
32	-1418	1455	-1.7238	-1408	1465	-1.7238	0.0000	0.0000
34	0	0	0.0000	0	0	0.0000	0.0000	0.0000



John Sevier Fossil Plant  
Rogersville, TN  
175569038

Location	Date Installed	19-May-09				21-May-09				3-Jun-09				06/16/2009				06/29/2009			
		Surface Elevation (ft)	Stickup (ft)	Depth Measurement(ft)	Water Elevation (ft)	Surface Elevation (ft)	Stickup (ft)	Depth Measurement(ft)	Water Elevation (ft)	Surface Elevation (ft)	Stickup (ft)	Depth Measurement(ft)	Water Elevation (ft)	Surface Elevation (ft)	Stickup (ft)	Depth Measurement(ft)	Water Elevation (ft)	Surface Elevation (ft)	Stickup (ft)	Depth Measurement(ft)	Water Elevation (ft)
BA-1	03/25/2009	1145.4	-0.2	23.4	1121.8	1145.4	-0.2	NA	NA	1145.4	-0.2	23.6	1121.7	1145.4	-0.2	23.7	1121.6	1145.4	-0.2	23.6	1121.6
BA-2	03/26/2009	1145.9	-0.2	26.1	1119.6	1145.9	-0.2	NA	NA	1145.9	-0.2	26.3	1119.4	1145.9	-0.2	26.5	1119.2	1145.9	-0.2	26.3	1119.4
BA-3	03/31/2009	1145.3	-0.1	18.6	1126.6	1145.3	-0.1	NA	NA	1145.3	-0.1	18.7	1126.5	1145.3	-0.1	18.7	1126.5	1145.3	-0.1	18.7	1126.5
BA-5	04/02/2009	1144.9	-0.2	33.5	1111.2	1144.9	-0.2	NA	NA	1144.9	-0.2	33.7	1111.1	1144.9	-0.2	33.7	1111.0	1144.9	-0.2	36.0	1108.8
BA-8	04/03/2009	1145.2	-0.2	18.8	1126.2	1145.2	-0.2	NA	NA	1145.2	-0.2	18.8	1126.2	1145.2	-0.2	18.8	1126.2	1145.2	-0.2	18.7	1126.3
JP-3	05/12/2009	1105.8	0.0	37.5	1068.3	1105.8	0.0	NA	NA	1105.8	0.0	34.0	1071.8	1105.8	0.0	33.8	1072.0	1105.8	0.0	33.9	1071.9
JP-4	05/12/2009	1105.6	0.0	38.2	1067.4	1105.6	0.0	NA	NA	1105.6	0.0	32.2	1073.4	1105.6	0.0	32.6	1073.0	1105.6	0.0	32.9	1072.7
JP-5	05/13/2009	1104.5	0.0	35.1	1069.4	1104.5	0.0	NA	NA	1104.5	0.0	31.4	1073.1	1104.5	0.0	31.8	1072.7	1104.5	0.0	31.8	1072.8
JP-6	05/13/2009	1106.3	0.0	21.8	1084.5	1106.3	0.0	NA	NA	1106.3	0.0	21.3	1085.0	1106.3	0.0	21.9	1084.5	1106.3	0.0	21.1	1085.2
JS-10	04/17/2009	1085.0	3.0	17.8	1070.2	1085.0	3.0	NA	NA	1085.0	3.0	15.6	1072.4	1085.0	3.0	16.3	1071.7	1085.0	3.0	17.2	1070.9
JS-12	05/02/2009	1114.8	2.6	46.1	1071.3	1114.8	2.6	NA	NA	1114.8	2.6	43.9	1073.5	1114.8	2.6	44.4	1073.0	1114.8	2.6	45.0	1072.4
JS-13	05/19/2009	1132.5	4.0	60.7	1075.8	1132.5	4.0	NA	NA	1132.5	4.0	59.3	1077.2	1132.5	4.0	59.6	1077.0	1132.5	4.0	59.8	1076.7
JS-15	04/16/2009	1084.1	-0.2	14.5	1069.4	1084.1	-0.2	NA	NA	1084.1	-0.2	12.2	1071.8	1084.1	-0.2	12.5	1071.5	1084.1	-0.2	12.9	1071.1
JS-17	05/04/2009	1114.5	2.9	45.2	1072.2	1114.5	2.9	NA	NA	1114.5	2.9	43.2	1074.2	1114.5	2.9	43.5	1073.9	1114.5	2.9	43.9	1073.5
JS-18	05/31/2009	1136.3	5.1	51.0	1090.4	1136.3	5.1	NA	NA	1136.3	5.1	51.0	1090.4	1136.3	5.1	63.7	1077.7	1136.3	5.1	63.4	1078.0
JS-19	04/16/2009	1077.3	-0.2	4.2	1072.9	1077.3	-0.2	NA	NA	1077.3	-0.2	NA	1077.1	1077.3	-0.2	4.7	1072.4	1077.3	-0.2	5.1	1072.1
JS-21	05/04/2009	1111.0	3.1	35.2	1078.9	1111.0	3.1	NA	NA	1111.0	3.1	34.9	1079.2	1111.0	3.1	34.9	1079.3	1111.0	3.1	34.8	1079.3
JS-22	05/30/2009	1134.7	4.4	54.0	1085.1	1134.7	4.4	NA	NA	1134.7	4.4	54.0	1085.1	1134.7	4.4	58.3	1080.9	1134.7	4.4	58.2	1080.9
JS-23	04/16/2009	1075.1	-0.2	3.9	1071.0	1075.1	-0.2	NA	NA	1075.1	-0.2	2.6	1072.3	1075.1	-0.2	3.1	1071.8	1075.1	-0.2	3.5	1071.4
JS-25	05/01/2009	1108.1	3.6	25.9	1085.8	1108.1	3.6	NA	NA	1108.1	3.6	25.8	1085.9	1108.1	3.6	25.8	1085.9	1108.1	3.6	25.7	1086.0
JS-27	06/03/2009	1158.3	0.3	70.4	1088.2	1158.3	0.3	Temporary Piezometer				1158.3	0.3	70.4	1088.2	1158.3	0.3	NA	1158.6		
JS-28	04/15/2009	1074.5	2.8	NA	NA	1074.5	2.8	1.2	1076.1	1074.5	2.8	NA	1077.3	1074.5	2.8	1.1	1076.1	1074.5	2.8	1.3	1076.0
JS-30	04/30/2009	1105.6	3.5	22.2	1086.9	1105.6	3.5	22.0	1087.1	1105.6	3.5	21.9	1087.2	1105.6	3.5	22.1	1087.0	1105.6	3.5	22.1	1087.0
JS-32	06/03/2009	1150.6	0.9	61.6	1089.9	1150.6	0.9	Temporary Piezometer				1150.6	0.9	61.6	1089.9	1150.6	0.9	NA	1151.5		
JS-34C	06/03/2009	Not Installed														1120.4	3.0	14.1	1109.2		
JS-35	04/14/2009	1078.9	-0.2	3.5	1075.2	1078.9	-0.2	2.2	1076.5	1078.9	-0.2	2.0	1076.7	1078.9	-0.2	2.6	1076.1	1078.9	-0.2	3.0	1075.7
JS-37	04/18/2009	1103.8	2.2	16.1	1089.9	1103.8	2.2	15.9	1090.1	1103.8	2.2	15.6	1090.4	1103.8	2.2	15.9	1090.1	1103.8	2.2	15.7	1090.3
JS-39	06/04/2009	1181.3	1.0	84.2	1098.1	1181.3	1.0	Temporary Piezometer				1181.3	1.0	84.2	1098.1	1181.3	1.0	NA	1182.3		
JS-42	04/17/2009	1138.2	0.0	32.8	1105.4	1138.2	0.0	NA	NA	1138.2	0.0	32.5	1105.7	1138.2	0.0	32.6	1105.6	1138.2	0.0	32.6	1105.6
JS-43	04/14/2009	1081.5	0.0	7.6	1073.9	1081.5	0.0	7.1	1074.4	1081.5	0.0	5.5	1076.0	1081.5	0.0	5.5	1076.0	1081.5	0.0	5.3	1076.2
JS-45	04/18/2009	1101.3	2.9	13.0	1091.2	1101.3	2.9	12.9	1091.3	1101.3	2.9	12.6	1091.7	1101.3	2.9	12.8	1091.4	1101.3	2.9	12.5	1091.7
JS-47	04/14/2009	1078.2	0.0	3.6	1074.6	1078.2	0.0	NA	NA	1078.2	0.0	2.8	1075.4	1078.2	0.0	3.1	1075.1	1078.2	0.0	3.2	1075.0
JS-49	04/30/2009	1098.8	3.2	21.2	1080.8	1098.8	3.2	NA	NA	1098.8	3.2	20.0	1082.0	1098.8	3.2	21.3	1080.7	1098.8	3.2	20.9	1081.1
JS-50	04/21/2009	1138.7	3.0	53.8	1087.9	1138.7	3.0	NA	NA	1138.7	3.0	54.0	1087.7	1138.7	3.0	54.1	1087.5	1138.7	3.0	53.8	1087.9
JS-52	06/01/2009	1136.8	2.9	34.9	1104.8	1136.8	2.9	NA	NA	1136.8	2.9	34.9	1104.8	1136.8	2.9	34.9	1104.9	1136.8	2.9	34.7	1105.0
JS-53	04/13/2009	1081.4	-0.2	4.7	1076.5	1081.4	-0.2	NA	NA	1081.4	-0.2	4.1	1077.2	1081.4	-0.2	4.2	1077.1	1081.4	-0.2	4.0	1077.2
JS-55	04/29/2009	1097.4	3.4	14.1	1086.7	1097.4	3.4	NA	NA	1097.4	3.4	16.6	1084.2	1097.4	3.4	18.6	1082.2	1097.4	3.4	17.3	1083.4
JS-56	04/18/2009	1131.0	2.8	52.9	1080.9	1131.0	2.8	NA	NA	1131.0	2.8	53.5	1080.2	1131.0	2.8	53.8	1079.9	1131.0	2.8	53.4	1080.4
JS-57	06/01/2009	1130.1	2.9	44.5	1088.6	1130.1	2.9	NA	NA	1130.1	2.9	44.5	1088.6	1130.1	2.9	44.3	1088.7	1130.1	2.9	44.1	1088.9
JS-58X	04/21/2009	1100.2	3.2	20.3	1083.1	1100.2	3.2	NA	NA	1100.2	3.2	20.2	1083.2	1100.2	3.2	20.3	1083.1	1100.2	3.2	19.7	1083.7
JS-59	04/04/2009	1099.3	-0.2	23.0	1076.1	1099.3	-0.2	NA	NA	1099.3	-0.2	23.7	1075.4	1099.3	-0.2	24.0	1075.1	1099.3	-0.2	22.8	1076.3
JS-60B	08/24/2009	Not Installed																			
JS-61A	08/20/2009	Not Installed																			
JS-62B	08/19/2009	Not Installed																			
JS-63B	08/18/2009	Not Installed																			

Location	Date Installed	07/13/2009				07/30/2009				8/12/2009-8/13/2009				09/08/2009			
		Surface Elevation (ft)	Stickup (ft)	Depth Measurement(ft)	Water Elevation (ft)	Surface Elevation (ft)	Stickup (ft)	Depth Measurement(ft)	Water Elevation (ft)	Surface Elevation (ft)	Stickup (ft)	Depth Measurement(ft)	Water Elevation (ft)	Surface Elevation (ft)	Stickup (ft)	Depth Measurement(ft)	Water Elevation (ft)
BA-1	03/25/2009	1145.4	-0.2	23.6	1121.6	1145.4	-0.2	23.6	1121.6	1145.4	-0.2	23.6	1121.6	1145.4	-0.2	23.9	1121.3
BA-2	03/26/2009	1145.9	-0.2	26.4	1119.3	1145.9	-0.2	26.6	1119.1	1145.9	-0.2	26.2	1119.5	1145.9	-0.2	26.7	1119.1
BA-3	03/31/2009	1145.3	-0.1	18.6	1126.6	1145.3	-0.1	18.8	1126.4	1145.3	-0.1	18.6	1126.6	1145.3	-0.1	18.8	1126.4
BA-5	04/02/2009	1144.9	-0.2	33.7	1111.0	1144.9	-0.2	33.6	1111.1	1144.9	-0.2	33.5	1111.2	1144.9	-0.2	33.8	1110.9
BA-8	04/03/2009	1145.2	-0.2	18.6	1126.4	1145.2	-0.2	18.6	1126.4	1145.2	-0.2	18.5	1126.5	1145.2	-0.2	18.6	1126.4
JP-3	05/12/2009	1105.8	0.0	34.4	1071.4	1105.8	0.0	34.4	1071.4	1105.8	0.0	34.4	1071.4	1105.8	0.0	34.5	1071.4
JP-4	05/12/2009	1105.6	0.0	33.9	1071.7	1105.6	0.0	34.9	1070.8	1105.6	0.0	34.5	1071.1	1105.6	0.0	37.1	1068.6
JP-5	05/13/2009	1104.5	0.0	31.9	1072.6	1104.5	0.0	32.7	1071.8	1104.5	0.0	32.4	1072.1	1104.5	0.0	34.6	1069.9
JP-6	05/13/2009	1106.3	0.0	21.4	1084.9	1106.3	0.0	20.9	1085.4	1106.3	0.0	21.2	1085.1	1106.3	0.0	22.8	1083.5
JS-10	04/17/2009	1085.0	3.0	18.1	1069.9	1085.0	3.0	19.0	1069.0	1085.0	3.0	19.1	1068.9	1085.0	3.0	21.7	1066.3
JS-12	05/02/2009	1114.8	2.6	45.8	1071.6	1114.8	2.6	46.5	1070.9	1114.8	2.6	46.4	1071.0	1114.8	2.6	48.8	1068.7
JS-13	05/19/2009	1132.5	4.0	60.4	1076.1	1132.5	4.0	61.8	1074.7	1132.5	4.0	65.5	1071.0	1132.5	4.0	62.1	1074.4
JS-15	04/16/2009	1084.1	-0.2	13.5	1070.4	1084.1	-0.2	13.9	1070.0	1084.1	-0.2	13.9	1070.0	1084.1	-0.2	16.2	1067.7
JS-17	05/04/2009	1114.5	2.9	44.5	1072.9	1114.5	2.9	45.0	1072.4	1114.5	2.9	45.0	1072.5	1114.5	2.9	46.9	1070.5
JS-18	05/31/2009	1136.3	5.1	63.4	1078.0	1136.3	5.1	63.3	1078.1	1136.3	5.1	63.2	1078.2	1136.3	5.1	63.7	1077.7
JS-19	04/16/2009	1077.3	-0.2	6.0	1071.1	1077.3	-0.2	6.7	1070.5	1077.3	-0.2	5.8	1071.3	1077.3	-0.2	8.7	1068.5
JS-21	05/04/2009	1111.0	3.1	34.8	1079.3	1111.0	3.1	34.9	1079.3	1111.0	3.1	34.9	1079.3	1111.0	3.1	35.0	1079.2
JS-22	05/30/2009	1134.7	4.4	58.5	1080.6	1134.7	4.4	58.5	1080.6	1134.7	4.4	58.4	1080.7	1134.7	4.4	58.9	1080.2
JS-23	04/16/2009	1075.1	-0.2	4.2	1070.7	1075.1	-0.2	2.1	1072.8	1075.1	-0.2	4.0	1070.9	1075.1	-0.2	5.8	1069.1
JS-25	05/01/2009	1108.1	3.6	25.9	1085.9	1108.1	3.6	25.9	1085.8	1108.1	3.6	25.7	1086.0	1108.1	3.6	25.8	1085.9
JS-27	06/03/2009	1158.3	0.3	NA	1158.6	1158.3	0.3	NA	1158.6	1158.3	0.3	NA	1158.6	1158.3	0.3	NA	1158.6
JS-28	04/15/2009	1074.5	2.8	1.4	1075.9	1074.5	2.8	1.1	1076.2	1074.5	2.8	1.4	1075.9	1074.5	2.8	2.2	1075.0
JS-30	04/30/2009	1105.6	3.5	22.3	1086.8	1105.6	3.5	22.5	1086.6	1105.6	3.5	22.2	1086.9	1105.6	3.5	22.6	1086.6
JS-32	06/03/2009	1150.6	0.9	NA	NA	1150.6	0.9	NA	NA	1150.6	0.9	NA	NA	1150.6	0.9	NA	NA
JS-34C	06/03/2009	1120.4	3.0	14.6	1108.8	1120.4	3.0	15.3	1108.1	1120.4	3.0	13.6	1109.8	1120.4	3.0	14.8	1108.6
JS-35	04/14/2009	1078.9	-0.2	3.7	1075.0	1078.9	-0.2	4.3	1074.4	1078.9	-0.2	4.4	1074.3	1078.9	-0.2	7.2	1071.5
JS-37	04/18/2009	1103.8	2.2	16.0	1089.9	1103.8	2.2	16.3	1089.7	1103.8	2.2	15.9	1090.0	1103.8	2.2	16.6	1089.3
JS-39	06/04/2009	1181.3	1.0	NA	1182.3	1181.3	1.0	NA	1182.3	1181.3	1.0	NA	1182.3	1181.3	1.0	NA	1182.3
JS-42	04/17/2009	1138.2	0.0	33.1	1105.1	1138.2	0.0	33.3	1104.9	1138.2	0.0	33.3	1105.0	1138.2	0.0	33.6	1104.6
JS-43	04/14/2009	1081.5	0.0	6.3	1075.2	1081.5	0.0	7.0	1074.5	1081.5	0.0	6.6	1074.9	1081.5	0.0	9.1	1072.4
JS-45	04/18/2009	1101.3	2.9	12.9	1091.4	1101.3	2.9	13.2	1091.1	1101.3	2.9	12.8	1091.4	1101.3	2.9	13.5	1090.7
JS-47	04/14/2009	1078.2	0.0	3.6	1074.6	1078.2	0.0	3.6	1074.6	1078.2	0.0	3.6	1074.6	1078.2	0.0	5.1	1073.1
JS-49	04/30/2009	1098.8	3.2	21.4	1080.6	1098.8	3.2	21.9	1080.1	1098.8	3.2	21.2	1080.8	1098.8	3.2	22.3	1079.7
JS-50	04/21/2009	1138.7	3.0	54.2	1087.5	1138.7	3.0	54.3	1087.3	1138.7	3.0	54.0	1087.7	1138.7	3.0	54.6	1087.0
JS-52	06/01/2009	1136.8	2.9	35.1	1104.6	1136.8	2.9	35.1	1104.7	1136.8	2.9	35.1	1104.7	1136.8	2.9	35.2	1104.5
JS-53	04/13/2009	1081.4	-0.2	4.5	1076.7	1081.4	-0.2	4.8	1076.4	1081.4	-0.2	4.5	1076.7	1081.4	-0.2	6.0	1075.2
JS-55	04/29/2009	1097.4	3.4	18.6	1082.2	1097.4	3.4	19.6	1081.2	1097.4	3.4	17.8	1083.0	1097.4	3.4	20.1	1080.7
JS-56	04/18/2009	1131.0	2.8	54.3	1079.4	1131.0	2.8	54.5	1079.3	1131.0	2.8	53.7	1080.0	1131.0	2.8	55.1	1078.6
JS-57	06/01/2009	1130.1	2.9	44.2	1088.9	1130.1	2.9	44.3	1088.8	1130.1	2.9	44.1	1089.0	1130.1	2.9	44.3	1088.8
JS-58X	04/21/2009	1100.2	3.2	20.2	1083.2	1100.2	3.2	20.6	1082.8	1100.2	3.2	19.7	1083.7	1100.2	3.2	21.1	1082.3
JS-59	04/04/2009	1099.3	-0.2	23.9	1075.2	1099.3	-0.2	24.7	1074.4	1099.3	-0.2	21.5	1077.6	1099.3	-0.2	25.5	1073.6
JS-60B	08/24/2009													1090.0	2.6	17.3	1075.3
JS-61A	08/20/2009													1090.3	2.6	15.1	1077.8
JS-62B	08/19/2009													1090.0	0.0	13.7	1076.3
JS-63B	08/18/2009													1089.7	2.3	16.2	1075.8



John Sevier Fossil Plant  
Rogersville, TN  
175569038

Location	Date Installed	10/13/2009				11/11/2009-11/12/2009				9-Dec-09				1/12/2010-1/13/2010			
		Surface Elevation (ft)	Stickup (ft)	Depth Measurement(ft)	Water Elevation (ft)	Surface Elevation (ft)	Stickup (ft)	Depth Measurement (ft)	Water Elevation (ft)	Surface Elevation (ft)	Stickup (ft)	Depth Measurement (ft)	Water Elevation (ft)	Surface Elevation (ft)	Stickup (ft)	Depth Measurement (ft)	Water Elevation (ft)
BA-1	03/25/2009	1145.4	-0.2	23.5	1121.7	1145.4	-0.2	22.8	1122.4	1145.4	-0.2	23.0	1122.2	1145.4	-0.2	23.6	1121.6
BA-2	03/26/2009	1145.9	-0.2	26.3	1119.4	1145.9	-0.2	25.5	1120.2	1145.9	-0.2	25.1	1120.7	1145.9	-0.2	26.3	1119.5
BA-3	03/31/2009	1145.3	-0.1	18.6	1126.6	1145.3	-0.1	18.1	1127.1	1145.3	-0.1	18.2	1127.0	1145.3	-0.1	18.7	1126.5
BA-5	04/02/2009	1144.9	-0.2	34.0	1110.8	1144.9	-0.2	33.0	1111.7	1144.9	-0.2	33.5	1111.2	1144.9	-0.2	34.6	1110.1
BA-8	04/03/2009	1145.2	-0.2	18.6	1126.4	1145.2	-0.2	18.2	1126.8	1145.2	-0.2	18.4	1126.6	1145.2	-0.2	18.7	1126.3
JP-3	05/12/2009	1105.8	0.0	34.5	1071.3	1105.8	0.0	34.5	1071.3	1105.8	0.0	34.5	1071.3	1105.8	0.0	34.6	1071.2
JP-4	05/12/2009	1105.6	0.0	37.2	1068.4	1105.6	0.0	36.5	1069.1	1105.6	0.0	36.5	1069.1	1105.6	0.0	36.8	1068.8
JP-5	05/13/2009	1104.5	0.0	34.1	1070.4	1104.5	0.0	32.0	1072.5	1104.5	0.0	32.3	1072.2	1104.5	0.0	33.6	1070.9
JP-6	05/13/2009	1106.3	0.0	22.7	1083.6	1106.3	0.0	20.4	1085.9	1106.3	0.0	20.3	1086.0	1106.3	0.0	20.7	1085.6
JS-10	04/17/2009	1085.0	3.0	21.7	1066.3	1085.0	3.0	21.4	1066.6	1085.0	3.0	20.0	1068.1	1085.0	3.0	21.7	1066.4
JS-12	05/02/2009	1114.8	2.6	48.8	1068.6	1114.8	2.6	48.6	1068.8	1114.8	2.6	48.4	1069.1	1114.8	2.6	49.0	1068.5
JS-13	05/19/2009	1132.5	4.0	62.3	1074.2	1132.5	4.0	62.2	1074.3	1132.5	4.0	62.2	1074.3	1132.5	4.0	62.5	1074.0
JS-15	04/16/2009	1084.1	-0.2	15.9	1068.0	1084.1	-0.2	14.9	1069.0	1084.1	-0.2	14.3	1069.6	1084.1	-0.2	15.9	1068.0
JS-17	05/04/2009	1114.5	2.9	47.1	1070.3	1114.5	2.9	46.7	1070.7	1114.5	2.9	46.3	1071.1	1114.5	2.9	47.1	1070.3
JS-18	05/31/2009	1136.3	5.1	64.2	1077.1	1136.3	5.1	64.4	1077.0	1136.3	5.1	64.1	1077.2	1136.3	5.1	64.8	1076.6
JS-19	04/16/2009	1077.3	-0.2	7.5	1069.7	1077.3	-0.2	5.2	1071.9	1077.3	-0.2	5.5	1071.6	1077.3	-0.2	7.8	1069.3
JS-21	05/04/2009	1111.0	3.1	35.2	1079.0	1111.0	3.1	35.0	1079.2	1111.0	3.1	34.9	1079.2	1111.0	3.1	35.1	1079.0
JS-22	05/30/2009	1134.7	4.4	59.0	1080.1	1134.7	4.4	58.8	1080.3	1134.7	4.4	58.8	1080.3	1134.7	4.4	59.0	1080.1
JS-23	04/16/2009	1075.1	-0.2	3.5	1071.4	1075.1	-0.2	2.1	1072.8	1075.1	-0.2	3.3	1071.6	1075.1	-0.2	6.3	1068.6
JS-25	05/01/2009	1108.1	3.6	25.9	1085.8	1108.1	3.6	25.6	1086.1	1108.1	3.6	25.5	1086.2	1108.1	3.6	25.6	1086.1
JS-27	06/03/2009	1158.3	0.3	NA	1158.6	1158.3	0.3	0.0	1158.6	1158.3	0.3	0.0	1158.6	1158.3	0.3	0.0	1158.6
JS-28	04/15/2009	1074.5	2.8	1.9	1075.3	1074.5	2.8	1.3	1075.9	1074.5	2.8	1.6	1075.7	1074.5	2.8	2.2	1075.1
JS-30	04/30/2009	1105.6	3.5	22.8	1086.3	1105.6	3.5	22.4	1086.7	1105.6	3.5	22.3	1086.8	1105.6	3.5	22.3	1086.8
JS-32	06/03/2009	1150.6	0.9	NA	NA	1150.6	0.9	0.0	1151.5	1150.6	0.9	0.0	1151.5	1150.6	0.9	0.0	1151.5
JS-34C	06/03/2009	1120.4	3.0	13.2	1110.2	1120.4	3.0	11.1	1112.2	1120.4	3.0	10.8	1112.6	1120.4	3.0	9.1	1114.2
JS-35	04/14/2009	1078.9	-0.2	6.7	1072.0	1078.9	-0.2	6.0	1072.7	1078.9	-0.2	4.8	1073.9	1078.9	-0.2	7.3	1071.4
JS-37	04/18/2009	1103.8	2.2	17.2	1088.8	1103.8	2.2	16.7	1089.2	1103.8	2.2	16.4	1089.5	1103.8	2.2	16.5	1089.5
JS-39	06/04/2009	1181.3	1.0	NA	1182.3	1181.3	1.0	0.0	1182.3	1181.3	1.0	0.0	1182.3	1181.3	1.0	0.0	1182.3
JS-42	04/17/2009	1138.2	0.0	34.0	1104.2	1138.2	0.0	33.7	1104.5	1138.2	0.0	33.6	1104.6	1138.2	0.0	33.3	1104.9
JS-43	04/14/2009	1081.5	0.0	10.0	1071.5	1081.5	0.0	0.0	1081.5	1081.5	0.0	7.0	1074.5	1081.5	0.0	8.7	1072.8
JS-45	04/18/2009	1101.3	2.9	14.1	1090.1	1101.3	2.9	13.6	1090.6	1101.3	2.9	13.1	1091.2	1101.3	2.9	13.3	1090.9
JS-47	04/14/2009	1078.2	0.0	4.7	1073.6	1078.2	0.0	3.7	1074.5	1078.2	0.0	3.6	1074.6	1078.2	0.0	5.0	1073.3
JS-49	04/30/2009	1098.8	3.2	22.8	1079.2	1098.8	3.2	21.8	1080.2	1098.8	3.2	21.5	1080.5	1098.8	3.2	21.9	1080.1
JS-50	04/21/2009	1138.7	3.0	55.0	1086.7	1138.7	3.0	54.5	1087.2	1138.7	3.0	54.5	1087.2	1138.7	3.0	54.3	1087.3
JS-52	06/01/2009	1136.8	2.9	35.5	1104.2	1136.8	2.9	36.2	1103.6	1136.8	2.9	35.0	1104.7	1136.8	2.9	35.0	1104.7
JS-53	04/13/2009	1081.4	-0.2	6.3	1075.0	1081.4	-0.2	5.6	1075.7	1081.4	-0.2	5.5	1075.7	1081.4	-0.2	5.9	1075.4
JS-55	04/29/2009	1097.4	3.4	20.1	1080.6	1097.4	3.4	19.7	1081.1	1097.4	3.4	19.4	1081.3	1097.4	3.4	19.2	1081.5
JS-56	04/18/2009	1131.0	2.8	55.5	1078.3	1131.0	2.8	54.8	1079.0	1131.0	2.8	54.8	1078.9	1131.0	2.8	54.8	1079.0
JS-57	06/01/2009	1130.1	2.9	44.8	1088.3	1130.1	2.9	44.6	1088.4	1130.1	2.9	44.5	1088.5	1130.1	2.9	44.0	1089.1
JS-58X	04/21/2009	1100.2	3.2	21.4	1082.0	1100.2	3.2	20.7	1082.6	1100.2	3.2	20.4	1083.0	1100.2	3.2	20.6	1082.7
JS-59	04/04/2009	1099.3	-0.2	25.3	1073.8	1099.3	-0.2	24.3	1074.8	1099.3	-0.2	24.1	1075.0	1099.3	-0.2	25.1	1074.0
JS-60B	08/24/2009	1090.0	2.6	17.2	1075.4	1090.0	2.6	15.5	1077.1	1090.0	2.6	15.4	1077.2	1090.0	2.6	17.5	1075.2
JS-61A	08/20/2009	1090.3	2.6	15.0	1077.9	1090.3	2.6	14.6	1078.3	1090.3	2.6	14.6	1078.3	1090.3	2.6	15.7	1077.1
JS-62B	08/19/2009	1090.0	0.0	14.4	1075.6	1090.0	0.0	12.8	1077.2	1090.0	0.0	12.0	1078.0	1090.0	0.0	13.8	1076.2
JS-63B	08/18/2009	1089.7	2.3	16.2	1075.9	1089.7	2.3	14.9	1077.1	1089.7	2.3	14.8	1077.3	1089.7	2.3	15.9	1076.2