



Environmental Programs
P.O. Box 1663, MS M991
Los Alamos, New Mexico 87545
(505) 606-2337 FAX (505) 665-1812

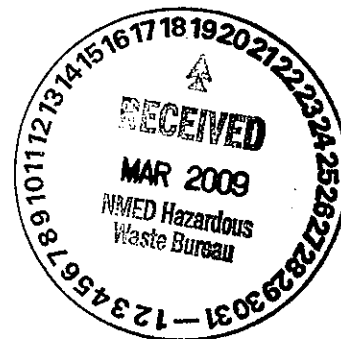


National Nuclear Security Administration
Los Alamos Site Office, MS A316
Environmental Restoration Program
Los Alamos, New Mexico 87544
(505) 667-4255/FAX (505) 606-2132

Date: March 27, 2009
Refer To: EP2009-0155

James P. Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505-6303

Subject: Missing Groundwater Data Review for Criteria 5 and 6



Dear Mr. Bearzi:

In our December 26, 2008, letter (EP2008-0650), we notified the New Mexico Environment Department that because of programming issues we had not been able to identify data that meet Criteria 5 and 6 of the Compliance Order on Consent (the Consent Order), modified on May 13, 2008. We have corrected this programming error, and the recent reports (for data received in January and February 2009) include new data that meet these criteria.

We have attached a table that contains the results meeting these criteria for data received between September 2007 (our first report under the revised Consent Order) and December 2008. The date of the monthly report during which these data should have been submitted is indicated for each section of data in the table. This table provides the complete backlog of unreported data meeting these criteria.

If you have questions, please contact Ardyth Simmons at (505) 665-3935 (asimmons@lanl.gov) or David Gregory at (505) 667-5808 (dgregory@doeal.gov).

Sincerely,

Michael J. Graham, Associate Director
Environmental Programs
Los Alamos National Laboratory

Sincerely,

David R. Gregory, Project Director
Environmental Operations
Los Alamos Site Office

MG/DG/PH/AS/DR:sm

Enclosure: Accompanying table: "Compilation of New Groundwater Data Not Previously Reported, Listed by Month of Report" (LA-UR-09-1533)

Cy: (w/enc.)

Neil Weber, San Ildefonso Pueblo
David Rogers, EP-LWSP, MS M992
RPF, MS M707 (with two CDs)
Public Reading Room, MS M992

Cy: (Letter and CD only)

Ardyth Simmons, EP-LWSP, MS M992
Kristine Smeltz, EP-WES, MS M992
EP-LWSP File, MS M992

Cy: (w/o enc.)

Laurie King, EPA Region 6, Dallas, TX
Steve Yanicak, NMED-OB, White Rock, NM
Tom Skibitski, NMED-OB, Santa Fe, NM
Keyana DeAgüero, DOE-LASO (date-stamped letter emailed)
Michael J. Graham, ADEP, MS M991
Alison M. Dorries, EP-WES, MS M992
Paul R. Huber, EP-LWSP, MS M992
Mei Ding, EES-6, MS J514
Florie Caporuscio, EES-6, MS J514
IRM-RMMSO, MS A150 (date-stamped letter emailed)

Compilation of New Groundwater Data Not Previously Reported, Listed by Month of Report

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Fid QC Type Code	Fid Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Anyl Meth Code	Lab Code	
Jan 2008																																
C5	10	15	06/14/05	1.26	3.95	2.59	15	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-3	2	12/10/07		F	CS	GENINORG	Perchlorate	CIO4	3.95	1.53	LANL Avi BG LVL	0.05	39.5	0.25	ug/L	5				SW-846:6850	GELC	
C5	33	44	02/24/00	0.092	1.06	0.378	32	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-3	2	12/10/07		F	CS	GENINORG	Total Kjeldahl Nitrogen	TKN	0.201	0.53	LANL Avi BG LVL	0.04	2.5	0.029	mg/L	1				EPA:351.2	GELC	
April 2008																																
C5	3	3	06/18/07	0.346	0.37	0.361	3	Sandia Canyon	Alluvial	SCA-4	37	02/12/08		F	CS	GENINORG	Bromide	Br(-1)	0.361	1.00	LANL Avi BG LVL	0.07	2.6	0.066	mg/L	1				EPA:300.0	GELC	
C5	3	3	06/18/07	0.394	0.687	0.406	3	Sandia Canyon	Alluvial	SCA-4	37	02/12/08		F	CS	GENINORG	Perchlorate	CIO4	0.406	1.00	LANL Avi BG LVL	0.05	4.1	0.05	ug/L	1				SW-846:6850	GELC	
C5	3	3	06/18/07	0.929	1.07	1.04	3	Sandia Canyon	Alluvial	SCA-4	37	02/12/08		F	CS	GENINORG	Fluoride	F(-1)	0.929	0.89	LANL Avi BG LVL	0.27	1.7	0.033	mg/L	1				EPA:300.0	GELC	
C5	3	3	06/18/07	1.75	729	1.93	3	Sandia Canyon	Alluvial	SCA-4	37	02/12/08		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	1.75	0.91	LANL Avi BG LVL	0.57	1.5	0.05	mg/L	5				EPA:353.2	GELC	
C5	3	3	06/18/07	75.9	97.5	79.9	3	Sandia Canyon	Alluvial	SCA-4	37	02/12/08		F	CS	GENINORG	Sodium	Na	75.9	0.95	LANL Avi BG LVL	15.54	2.4	0.045	mg/L	1				SW-846:6010B	GELC	
C5	3	3	06/18/07	3.61	4.08	4.03	3	Sandia Canyon	Alluvial	SCA-4	37	02/12/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	4.08	1.01	LANL Avi BG LVL	0.05	40.8	0.12	mg/L	5				EPA:365.4	GELC	
C5	3	3	06/18/07	303	328	312	3	Sandia Canyon	Alluvial	SCA-4	37	02/12/08		F	CS	GENINORG	Total Dissolved Solids	TDS	303	0.97	LANL Avi BG LVL	139	1.1	2.4	mg/L	1				EPA:160.1	GELC	
C5	3	3	06/18/07	12.2	15.7	13	3	Sandia Canyon	Alluvial	SCA-4	37	02/12/08		F	CS	METALS	Arsenic	As	12.2	0.94	LANL Avi BG LVL	6	1.0	1.5	ug/L	1				SW-846:6020	GELC	
C5	3	3	06/18/07	8	16.2	15.9	3	Sandia Canyon	Alluvial	SCA-4	37	02/12/08		F	CS	METALS	Chromium	Cr	16.2	1.02	LANL Avi BG LVL	1	8.1	2.5	ug/L	1				SW-846:6020	GELC	
C5	3	3	06/18/07	10.9	17.6	12.2	3	Sandia Canyon	Alluvial	SCA-4	37	02/12/08		F	CS	METALS	Manganese	Mn	12.2	1.00	LANL Avi BG LVL	2	3.1	2	ug/L	1				SW-846:6010B	GELC	
C5	3	3	06/18/07	50.7	67	60	3	Sandia Canyon	Alluvial	SCA-4	37	02/12/08		F	CS	METALS	Molybdenum	Mo	50.7	0.85	LANL Avi BG LVL	2	12.7	2	ug/L	1				SW-846:6010B	GELC	
C5	6	6	01/11/07	1.26	1.53	1.37	6	Sandia Canyon	Intermediate	SCI-1	358.4	02/22/08		F	CS	GENINORG	Bromide	Br(-1)	1.3	0.95	LANL Int BG LVL	0.03	21.7	0.067	mg/L	1	J+	I6b	EPA:300.0	GELC		
C5	6	6	01/11/07	1.26	1.53	1.37	6	Sandia Canyon	Intermediate	SCI-1	358.4	11/16/07		F	CS	GENINORG	Bromide	Br(-1)	1.26	0.92	LANL Int BG LVL	0.03	21.0	0.066	mg/L	1				EPA:300.0	GELC	
C5	6	7	01/11/07	76.6	87.6	84.5	7	Sandia Canyon	Intermediate	SCI-1	358.4	11/16/07		F	CS	GENINORG	Calcium	Ca	80.3	0.95	LANL Int BG LVL	17.31	2.3	0.03	mg/L	1				SW-846:6010B	GELC	
C5	6	7	01/11/07	89.8	98.7	92.1	6	Sandia Canyon	Intermediate	SCI-1	358.4	11/16/07		F	CS	GENINORG	Chloride	Cl(-1)	89.8	0.98	LANL Int BG LVL	7.78	5.8	0.66	mg/L	10				EPA:300.0	GELC	
C5	6	6	01/11/07	89.8	98.7	92.1	6	Sandia Canyon	Intermediate	SCI-1	358.4	02/22/08		F	CS	GENINORG	Chloride	Cl(-1)	91.2	0.99	LANL Int BG LVL	7.78	5.9	0.66	mg/L	10				EPA:300.0	GELC	
C5	6	6	01/11/07	1.41	1.58	1.47	6	Sandia Canyon	Intermediate	SCI-1	358.4	11/16/07		F	CS	GENINORG	Perchlorate	CIO4	1.41	0.96	LANL Int BG LVL	0.05	14.1	0.1	ug/L	2				SW-846:6850	GELC	
C5	6	6	01/11/07	1.41	1.58	1.47	6	Sandia Canyon	Intermediate	SCI-1	358.4	02/22/08		F	CS	GENINORG	Perchlorate	CIO4	1.45	0.99	LANL Int BG LVL	0.05	14.5	0.1	ug/L	2				SW-846:6850	GELC	
C5	6	7	01/11/07	52.6	62.1	54.2	7	Sandia Canyon	Intermediate	SCI-1	358.4	11/16/07		F	CS	GENINORG	Sodium	Na	53.1	0.98	LANL Int BG LVL	12.19	2.2	0.045	mg/L	1				SW-846:6010B	GELC	
C5	6	6	01/11/07	0.77	0.906	0.809	5	Sandia Canyon	Intermediate	SCI-1	358.4	11/16/07		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	0.77	0.95	LANL Int BG LVL	0.08	4.8	0.024	mg/L	1				EPA:365.4	GELC	
C5	6	6	01/11/07	102	112	106	6	Sandia Canyon	Intermediate	SCI-1	358.4	02/22/08		F	CS	GENINORG	Sulfate	SO4(-2)	102	0.96	LANL Int BG LVL	40.03	1.3	1	mg/L	10				EPA:300.0	GELC	
C5	6	6	01/11/07	102	112	106	6	Sandia Canyon	Intermediate	SCI-1	358.4	11/16/07		F	CS	GENINORG	Sulfate	SO4(-2)	104	0.98	LANL Int BG LVL	40.03	1.3	1	mg/L	10				EPA:300.0	GELC	
C5	6	6	01/11/07	455	536	522	6	Sandia Canyon	Intermediate	SCI-1	358.4	11/16/07		F	CS	GENINORG	Total Dissolved Solids	TDS	520	1.00	LANL Int BG LVL	127	2.1	2.4	mg/L	1				EPA:160.1	GELC	
C5	6	6	01/11/07	455	536	522	6	Sandia Canyon	Intermediate	SCI-1	358.4	02/22/08		F	CS	GENINORG	Total Dissolved Solids	TDS	499	0.96	LANL Int BG LVL	127	2.0	2.4	mg/L	1				EPA:160.1	GELC	
C5	6	7	01/11/07	82.1	98	94.8	7	Sandia Canyon	Intermediate	SCI-1	358.4	11/16/07		F	CS	METALS	Boron	B	94.8	1.00	LANL Int BG LVL	15.12	3.1	10	ug/L	1				SW-846:6010B	GELC	
C5	6	6	01/11/07	13.5	22.1	16.4	6	Sandia Canyon	Intermediate	SCI-1	358.4	11/16/07		F	CS	METALS	Chromium	Cr	16.5	1.01	LANL Int BG LVL	1	8.3	1	ug/L	1				SW-846:6020	GELC	
C5	6	7	01/11/07	43.9	63	49.6	7	Sandia Canyon	Intermediate	SCI-1	358.4	11/16/07		F	CS	METALS	Molybdenum	Mo	54.3	1.09	LANL Int BG LVL	2	13.6	2	ug/L	1				SW-846:6010B	GELC	
C5	6	6	01/11/07	4.7	8.1	7.8	6	Sandia Canyon	Intermediate	SCI-1	358.4	11/16/07		F	CS	METALS	Nickel	Ni	7.6	0.97	LANL Int BG LVL	1	3.8	0.5	ug/L	1				SW-846:6020	GELC	
C5	6	7	01/11/07	357	383	372	7	Sandia Canyon	Intermediate	SCI-1	358.4	11/16/07		F	CS	METALS	Strontium	Sr	368	0.99	LANL Int BG LVL	154.76	1.2	1	ug/L	1				SW-846:6010B	GELC	
C5	6	6	01/11/07	2.5	2.9	2.7	6	Sandia Canyon	Intermediate	SCI-1	358.4	11/16/07		F	CS	METALS	Uranium	U	2.7	1.00	LANL Int BG LVL	0.72	1.9	0.05	ug/L	1				SW-846:6020	GELC	
C5	11	17	05/17/05	3.41	7.43	4.46	17	Sandia Canyon	Regional	R-11	855	02/06/08		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	5.04	1.13	LANL Reg BG LVL	0.89	2.8	0.1	mg/L	10	J-	I6a	EPA:353.2	GELC		
C5	11	17	05/17/05	3.41	7.43	4.46	17	Sandia Canyon	Regional	R-11	855	02/06/08	FD	F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	5.05	1.13	LANL Reg BG LVL	0.89	2.8	0.1	mg/L	10	J-	I6a	EPA:353.2	GELC		
C5	12	18	05/17/05	17.2	34.9	26.4	18	Sandia Canyon	Regional	R-11	855	02/06/08		F	CS	METALS	Chromium	Cr	23	0.87	LANL Reg BG LVL	5.75	2.0	2.5	ug/L	1				SW-846:6020	GELC	
C5	12	18	05/17/05	17.2	34.9	26.4	18	Sandia Canyon	Regional	R-11	855	02/06/08	FD	F	CS	METALS	Chromium	Cr	20.7	0.78	LANL Reg BG LVL	5.75	1.8	2.5	ug/L	1				SW-846:6020	GELC	
C5	3	4	08/29/07	7.3	16.6	13.7	4	Sandia Canyon	Regional	R-35b	825.4	02/07/08		F	CS	METALS	Manganese	Mn	7.3	0.53	LANL Reg BG LVL	2.94	1.2	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C5	3	4	08/29/07	51.7	62.3	59.9	4	Sandia Canyon	Regional	R-35b	825.4	02/07/08		F	CS	METALS	Zinc	Zn	51.7	0.86	LANL Reg BG LVL	3.89	6.7	2	ug/L	1	J	J	I4a	SW-846:6010B	GELC	
C5	3	3	08/30/07	299	340	312	3	Sandia Canyon	Regional	R-35a	1013.1	02/21/08		F	CS	METALS	Barium	Ba	340	1.09	LANL Reg BG LVL	56.83	3.0	1	ug/L	1				SW-846:6010B	GELC	
C5	3	5	08/30/07	3.2	185	31.3	5	Sandia Canyon	Regional	R-35a	1013.1	02/21/08		F	CS	METALS	Zinc	Zn	26.8	0.86	LANL Reg BG LVL	3.89	3.4	2	ug/L	1				SW-846:6010B	GELC	
C5	11	16	06/14/05	1.26	3.95	2.55	16	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-3	2	03/05/08		F	CS	GENINORG	Perchlorate	CIO4	2.3	0.90	LANL Avi BG LVL	0.05	23.0	0.2	ug/L	4				SW-846:6850	GELC	
C5	15	21	04/21/05	11.1	44.3	21.3	21	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-4B	8.9	02/07/08	FD	F	CS	GENINORG	Perchlorate	CIO4	16.2	0.76	LANL Avi BG LVL	0.05	162.0	1.3	ug/L	25						

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Fid QC Type Code	Fid Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Anyl Meth Code	Lab Code
C5	15	20	04/28/05	23.5	47.5	27.6	20	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-7	39	02/25/08		F	CS	GENINORG	Perchlorate	CIO4	30.5	1.11	LANL Avi BG LVL	0.05	305.0	2.5	ug/L	50				SW-846:6850	GELC
C5	38	47	02/24/00	1.07	2.13	1.36	46	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-7	39	02/25/08		F	CS	GENINORG	Fluoride	F(-1)	1.24	0.91	LANL Avi BG LVL	0.27	2.3	0.033	mg/L	1				EPA:300.0	GELC
C5	10	12	06/09/05	88.1	132	103	12	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-5	689	02/13/08		F	CS	GENINORG	Perchlorate	CIO4	100	0.97	LANL Int BG LVL	0.05	1000.0	13	ug/L	250				SW-846:6850	GELC
C5	10	12	06/09/05	2.2	145	15.1	9	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-5	689	11/12/07		F	CS	METALS	Zinc	Zn	6.3	0.42	LANL Int BG LVL	2	1.6	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C5	10	16	06/15/05	0.212	0.383	0.3	14	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-6	686	02/22/08		F	CS	GENINORG	Bromide	Br(-1)	0.383	1.28	LANL Int BG LVL	0.03	6.4	0.067	mg/L	1		J+	I6b	EPA:300.0	GELC
C5	10	16	06/15/05	42.8	56.4	47.2	16	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-6	686	02/22/08		F	CS	GENINORG	Calcium	Ca	56.4	1.19	LANL Int BG LVL	17.31	1.6	0.03	mg/L	1				SW-846:6010B	GELC
C5	10	16	06/15/05	21.2	32	22.9	16	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-6	686	02/22/08		F	CS	GENINORG	Chloride	Cl(-1)	32	1.40	LANL Int BG LVL	7.78	2.1	0.13	mg/L	2				EPA:300.0	GELC
C5	10	16	06/15/05	150	246	183	16	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-6	686	02/22/08		F	CS	GENINORG	Perchlorate	CIO4	187	1.02	LANL Int BG LVL	0.05	1870.0	10	ug/L	200				SW-846:6850	GELC
C5	10	16	06/15/05	0.482	0.635	0.544	15	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-6	686	02/22/08		F	CS	GENINORG	Fluoride	F(-1)	0.482	0.89	LANL Int BG LVL	0.23	1.1	0.033	mg/L	1				EPA:300.0	GELC
C5	10	24	06/15/05	298	384	343	24	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-6	686	02/22/08		F	CS	GENINORG	Total Dissolved Solids	TDS	370	1.08	LANL Int BG LVL	127	1.5	2.4	mg/L	1				EPA:160.1	GELC
C5	10	16	06/15/05	29.4	58.2	41.2	16	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-6	686	02/22/08		F	CS	METALS	Chromium	Cr	34.2	0.83	LANL Int BG LVL	1	17.1	2.5	ug/L	1				SW-846:6020	GELC
C5	10	16	06/15/05	2.9	8.9	5.3	16	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-6	686	02/22/08		F	CS	METALS	Nickel	Ni	5.3	1.00	LANL Int BG LVL	1	2.7	0.5	ug/L	1				SW-846:6020	GELC
C5	10	16	06/15/05	44.5	151	91.9	16	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-6	686	02/22/08		F	CS	METALS	Zinc	Zn	44.5	0.48	LANL Int BG LVL	2	11.1	2	ug/L	1				SW-846:6010B	GELC
C5	8	11	01/24/06	249	468	293	11	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	Test Well 8	953	02/12/08		F	CS	METALS	Zinc	Zn	263	0.90	LANL Reg BG LVL	3.89	33.8	2	ug/L	1				SW-846:6010B	GELC
C5	8	11	01/24/06	249	468	293	11	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	Test Well 8	953	02/12/08	FD	F	CS	METALS	Zinc	Zn	264	0.90	LANL Reg BG LVL	3.89	33.9	2	ug/L	1				SW-846:6010B	GELC
C5	10	13	05/25/05	5.34	6.82	6.39	13	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-15	958.6	02/25/08		F	CS	GENINORG	Perchlorate	CIO4	6.79	1.06	LANL Reg BG LVL	0.46	7.4	0.5	ug/L	10				SW-846:6850	GELC
C5	13	16	05/20/05	21.1	30.1	27.1	16	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-28	934.3	02/15/08		F	CS	GENINORG	Chloride	Cl(-1)	30.1	1.11	LANL Reg BG LVL	3.57	4.2	0.13	mg/L	2				EPA:300.0	GELC
C5	13	16	05/20/05	21.1	30.1	27.1	16	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-28	934.3	11/14/07		F	CS	GENINORG	Chloride	Cl(-1)	29.4	1.08	LANL Reg BG LVL	3.57	4.1	0.13	mg/L	2				EPA:300.0	GELC
C5	13	16	05/20/05	21.1	30.1	27.1	16	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-28	934.3	11/29/07		F	CS	GENINORG	Chloride	Cl(-1)	29.5	1.09	LANL Reg BG LVL	3.57	4.1	0.13	mg/L	2				EPA:300.0	GELC
C5	13	16	05/20/05	21.1	30.1	27.1	16	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-28	934.3	11/30/07		F	CS	GENINORG	Chloride	Cl(-1)	29.3	1.08	LANL Reg BG LVL	3.57	4.1	0.13	mg/L	2				EPA:300.0	GELC
C5	13	16	05/20/05	21.1	30.1	27.1	16	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-28	934.3	11/30/07		F	CS	GENINORG	Chloride	Cl(-1)	29.9	1.10	LANL Reg BG LVL	3.57	4.2	0.13	mg/L	2				EPA:300.0	GELC
C5	11	13	09/01/05	0.888	1.13	0.962	13	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-28	934.3	11/30/07		F	CS	GENINORG	Perchlorate	CIO4	0.948	0.99	LANL Reg BG LVL	0.46	1.0	0.05	ug/L	1				SW-846:6850	GELC
C5	11	13	09/01/05	0.888	1.13	0.962	13	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-28	934.3	11/29/07		F	CS	GENINORG	Perchlorate	CIO4	0.955	0.99	LANL Reg BG LVL	0.46	1.0	0.05	ug/L	1				SW-846:6850	GELC
C5	11	13	09/01/05	0.888	1.13	0.962	13	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-28	934.3	11/30/07		F	CS	GENINORG	Perchlorate	CIO4	0.979	1.02	LANL Reg BG LVL	0.46	1.1	0.05	ug/L	1				SW-846:6850	GELC
C5	11	13	09/01/05	0.888	1.13	0.962	13	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-28	934.3	11/14/07		F	CS	GENINORG	Perchlorate	CIO4	0.978	1.02	LANL Reg BG LVL	0.46	1.1	0.05	ug/L	1				SW-846:6850	GELC
C5	11	13	09/01/05	0.888	1.13	0.962	13	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-28	934.3	02/15/08		F	CS	GENINORG	Perchlorate	CIO4	0.982	1.02	LANL Reg BG LVL	0.46	1.1	0.1	ug/L	2				SW-846:6850	GELC
C5	13	16	05/20/05	8.68	10.6	10.05	16	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-28	934.3	11/29/07		F	CS	GENINORG	Magnesium	Mg	10.4	1.03	LANL Reg BG LVL	4.15	1.3	0.085	mg/L	1				SW-846:6010B	GELC
C5	13	16	05/20/05	8.68	10.6	10.05	16	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-28	934.3	02/15/08		F	CS	GENINORG	Magnesium	Mg	10.6	1.05	LANL Reg BG LVL	4.15	1.3	0.085	mg/L	1				SW-846:6010B	GELC
C5	13	16	05/20/05	8.68	10.6	10.05	16	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-28	934.3	11/30/07		F	CS	GENINORG	Magnesium	Mg	10.3	1.02	LANL Reg BG LVL	4.15	1.2	0.085	mg/L	1				SW-846:6010B	GELC
C5	13	16	05/20/05	8.68	10.6	10.05	16	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-28	934.3	11/30/07		F	CS	GENINORG	Magnesium	Mg	10.4	1.03	LANL Reg BG LVL	4.15	1.3	0.085	mg/L	1				SW-846:6010B	GELC
C5	13	16	05/20/05	8.68	10.6	10.05	16	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-28	934.3	11/14/07		F	CS	GENINORG	Magnesium	Mg	10.1	1.00	LANL Reg BG LVL	4.15	1.2	0.085	mg/L	1				SW-846:6010B	GELC
C5	11	13	05/20/05	3.1	5.39	4.3	13	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-28	934.3	02/15/08		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	4	0.93	LANL Reg BG LVL	0.89	2.3	0.1	mg/L	10		J-	I6a	EPA:353.2	GELC
C5	13	16	05/20/05	38.1	43.3	41.3	16	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-28	934.3	11/14/07		F	CS	GENINORG	Sulfate	SO4(-2)	42.7	1.03	LANL Reg BG LVL	7.2	3.0	0.2	mg/L	2				EPA:300.0	GELC
C5	13	16	05/20/05	38.1	43.3	41.3	16	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-28	934.3	02/15/08		F	CS	GENINORG	Sulfate	SO4(-2)	43.2	1.05	LANL Reg BG LVL	7.2	3.0	0.2	mg/L	2				EPA:300.0	GELC
C5	13	16	05/20/05	38.1	43.3	41.3	16	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-28	934.3	11/30/07		F	CS	GENINORG	Sulfate	SO4(-2)	42.6	1.03	LANL Reg BG LVL	7.2	3.0	0.2	mg/L	2				EPA:300.0	GELC

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Fid QC Type Code	Fid Prep Code	Lab Sample Type Code	Any1 Suite Code	Analyte Desc	Analyte	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Any1 Meth Code	Lab Code
C5	13	16	05/20/05	38.1	43.3	41.3	16	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-28	934.3	11/29/07		F	CS	GENINORG	Sulfate	SO4(-2)	42.4	1.03	LANL Reg BG LVL	7.2	2.9	0.2	mg/L	2			EPA:300.0	GELC	
C5	13	16	05/20/05	38.1	43.3	41.3	16	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-28	934.3	11/30/07		F	CS	GENINORG	Sulfate	SO4(-2)	43.3	1.05	LANL Reg BG LVL	7.2	3.0	0.2	mg/L	2			EPA:300.0	GELC	
C5	14	18	05/20/05	310	446	401	18	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-28	934.3	11/29/07		F	CS	METALS	Chromium	Cr	370	0.92	LANL Reg BG LVL	5.75	32.2	1	ug/L	1	E	J	118	SW-846:6020	GELC
C5	14	18	05/20/05	310	446	401	18	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-28	934.3	11/30/07		F	CS	METALS	Chromium	Cr	381	0.95	LANL Reg BG LVL	5.75	33.1	1	ug/L	1	E	J	118	SW-846:6020	GELC
C5	14	18	05/20/05	310	446	401	18	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-28	934.3	02/15/08		F	CS	METALS	Chromium	Cr	419	1.04	LANL Reg BG LVL	5.75	36.4	13	ug/L	5				SW-846:6020	GELC
C5	14	18	05/20/05	310	446	401	18	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-28	934.3	11/30/07		F	CS	METALS	Chromium	Cr	369	0.92	LANL Reg BG LVL	5.75	32.1	1	ug/L	1	E			SW-846:6020	GELC
C5	14	18	05/20/05	310	446	401	18	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-28	934.3	11/14/07		F	CS	METALS	Chromium	Cr	385	0.96	LANL Reg BG LVL	5.75	33.5	1	ug/L	1				SW-846:6020	GELC
C5	13	16	05/20/05	6.1	13	8.9	14	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-28	934.3	11/29/07		F	CS	METALS	Nickel	Ni	10.6	1.19	LANL Reg BG LVL	3.09	1.7	0.5	ug/L	1				SW-846:6020	GELC
C5	13	16	05/20/05	6.1	13	8.9	14	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-28	934.3	11/14/07		F	CS	METALS	Nickel	Ni	13	1.46	LANL Reg BG LVL	3.09	2.1	0.5	ug/L	1				SW-846:6020	GELC
C5	13	16	05/20/05	6.1	13	8.9	14	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-28	934.3	11/30/07		F	CS	METALS	Nickel	Ni	10.5	1.18	LANL Reg BG LVL	3.09	1.7	0.5	ug/L	1				SW-846:6020	GELC
C5	13	16	05/20/05	6.1	13	8.9	14	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-28	934.3	11/30/07		F	CS	METALS	Nickel	Ni	10.2	1.15	LANL Reg BG LVL	3.09	1.7	0.5	ug/L	1				SW-846:6020	GELC
C5	13	16	05/20/05	6.1	13	8.9	14	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-28	934.3	02/15/08		F	CS	METALS	Nickel	Ni	11.6	1.30	LANL Reg BG LVL	3.09	1.9	0.5	ug/L	1				SW-846:6020	GELC
C5	10	15	12/19/05	7.8	56.9	9.9	7	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-16r	600	11/13/07		F	CS	METALS	Zinc	Zn	9.3	0.94	LANL Reg BG LVL	3.89	1.2	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C5	10	15	12/19/05	7.8	56.9	9.9	7	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-16r	600	02/06/08	FD	F	CS	METALS	Zinc	Zn	9.9	1.00	LANL Reg BG LVL	3.89	1.3	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C5	10	15	12/19/05	7.8	56.9	9.9	7	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-16r	600	02/06/08		F	CS	METALS	Zinc	Zn	10.4	1.05	LANL Reg BG LVL	3.89	1.3	2	ug/L	1				SW-846:6010B	GELC
C5	9	11	03/16/04	9.5	20.7	12.1	11	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-16	1018.4	02/12/08		F	CS	METALS	Zinc	Zn	12.1	1.00	LANL Reg BG LVL	3.89	1.6	2	ug/L	1				SW-846:6010B	GELC
C5	12	15	03/31/04	6.3	18.2	9.5	15	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-21	888.8	02/11/08		F	CS	METALS	Manganese	Mn	6.3	0.66	LANL Reg BG LVL	2.94	1.1	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C5	6	8	09/14/04	46.3	302	107.5	8	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial Spring	TA-18 Spring	0	12/12/07		F	CS	METALS	Manganese	Mn	46.3	0.43	LANL Avi BG LVL	2	11.6	2	ug/L	1				SW-846:6010B	GELC
C5	7	8	08/29/06	0.295	0.384	0.317	8	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-BG-1	10	12/04/07		F	CS	GENINORG	Perchlorate	CIO4	0.295	0.93	LANL Avi BG LVL	0.05	3.0	0.05	ug/L	1				SW-846:6850	GELC
C5	7	9	08/31/06	0.247	0.568	0.339	9	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-9	6	12/18/07	FD	F	CS	GENINORG	Perchlorate	CIO4	0.339	1.00	LANL Avi BG LVL	0.05	3.4	0.05	ug/L	1				SW-846:6850	GELC
C5	7	9	08/31/06	0.247	0.568	0.339	9	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-9	6	12/18/07		F	CS	GENINORG	Perchlorate	CIO4	0.342	1.01	LANL Avi BG LVL	0.05	3.4	0.05	ug/L	1				SW-846:6850	GELC
C5	7	9	08/31/06	0.307	0.417	0.392	9	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-11	27	12/05/07		F	CS	GENINORG	Perchlorate	CIO4	0.323	0.82	LANL Avi BG LVL	0.05	3.2	0.05	ug/L	1				SW-846:6850	GELC
C5	7	8	08/28/06	0.14	0.242	0.188	8	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	12/06/07		F	CS	GENINORG	Perchlorate	CIO4	0.174	0.93	LANL Avi BG LVL	0.05	1.7	0.05	ug/L	1	J	J	J_LAB	SW-846:6850	GELC
C5	7	8	08/28/06	45.1	96.3	63.3	8	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	12/06/07		F	CS	GENINORG	Sodium	Na	54.2	0.86	LANL Avi BG LVL	15.54	1.7	0.045	mg/L	1				SW-846:6010B	GELC
C5	7	10	08/28/06	235	516	364	10	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	12/06/07		F	CS	GENINORG	Total Dissolved Solids	TDS	333	0.91	LANL Avi BG LVL	139	1.2	2.4	mg/L	1				EPA:160.1	GELC
C5	7	8	08/28/06	141	320	174	8	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	12/06/07		F	CS	METALS	Barium	Ba	178	1.02	LANL Avi BG LVL	68.57	1.3	1	ug/L	1				SW-846:6010B	GELC
C5	6	6	08/30/05	20.5	56.9	33.8	6	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCO-2	1.5	12/06/07		F	CS	GENINORG	Sodium	Na	31.7	0.94	LANL Avi BG LVL	15.54	1.0	0.045	mg/L	1				SW-846:6010B	GELC
C5	8	8	06/21/05	0.279	0.474	0.339	8	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	PC Spring	0	12/18/07		F	CS	GENINORG	Perchlorate	CIO4	0.313	0.92	LANL Int BG LVL	0.05	3.1	0.05	ug/L	1				SW-846:6850	GELC
C5	8	15	06/20/05	0.178	0.405	0.293	15	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Homestead Spring	0	12/03/07		F	CS	GENINORG	Perchlorate	CIO4	0.347	1.18	LANL Int BG LVL	0.05	3.5	0.05	ug/L	1				SW-846:6850	GELC
C5	8	15	06/20/05	0.178	0.405	0.293	15	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Homestead Spring	0	12/03/07	FD	F	CS	GENINORG	Perchlorate	CIO4	0.339	1.16	LANL Int BG LVL	0.05	3.4	0.05	ug/L	1				SW-846:6850	GELC
C5	8	8	06/21/05	0.217	0.457	0.302	8	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Starmer Spring	0	12/03/07		F	CS	GENINORG	Perchlorate	CIO4	0.409	1.35	LANL Int BG LVL	0.05	4.1	0.05	ug/L	1				SW-846:6850	GELC
C5	8	8	06/20/05	0.377	0.572	0.454	8	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Kieling Spring	0	12/03/07		F	CS	GENINORG	Perchlorate	CIO4	0.5	1.10	LANL Int BG LVL	0.05	5.0	0.05	ug/L	1				SW-846:6850	GELC
C5	8	8	06/22/05	0.606	0.837	0.669	8	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Bulldog Spring	0	12/03/07		F	CS	GENINORG	Perchlorate	CIO4	0.698	1.04	LANL Int BG LVL	0.05	7.0	0.05	ug/L	1				SW-846:6850	GELC
C5	7	7	08/23/06	52.1	566	119	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-10	20.6	12/17/07		F	CS	GENINORG	Chloride	Cl(-1)	566	4.76	LANL Int BG LVL	7.78	36.4	6.6	mg/L	100				EPA:300.0	GELC
C5	8	8	06/27/06	40.3	291	84.4	8	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-10	20.6	12/17/07		F	CS	GENINORG	Sodium	Na	291	3.45	LANL Int BG LVL	12.19	11.9	0.23	mg/L	5				SW-846:6010B	GELC

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Fid QC Type Code	Fid Prep Code	Lab Sample Type Code	Any1 Suite Code	Analyte Desc	Analyte	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Any1 Meth Code	Lab Code
C5	7	9	08/23/06	204	1200	419	9	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-10	20.6	12/17/07		F	CS	GENINORG	Total Dissolved Solids	TDS	1200	2.86	LANL Int BG LVL	127	4.7	2.4	mg/L	1			EPA:160.1	GELC	
C5	8	8	06/27/06	26.4	47.8	38.6	8	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-10	20.6	12/17/07		F	CS	METALS	Boron	B	31.1	0.81	LANL Int BG LVL	15.12	1.0	10	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C5	8	8	06/27/06	5.2	300	16	8	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-10	20.6	12/17/07		F	CS	METALS	Manganese	Mn	5.2	0.33	LANL Int BG LVL	2	1.3	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C5	8	8	06/27/06	1.1	12.6	2.9	8	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-10	20.6	12/17/07		F	CS	METALS	Nickel	Ni	3.5	1.21	LANL Int BG LVL	1	1.8	0.5	ug/L	1			SW-846:6020	GELC	
C5	8	10	06/23/06	43.2	610	91	10	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	12/18/07		F	CS	GENINORG	Chloride	Cl(-1)	610	6.70	LANL Int BG LVL	7.78	39.2	6.6	mg/L	10			EPA:300.0	GELC	
C5	8	10	06/23/06	44.3	347	77.2	10	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	12/18/07		F	CS	GENINORG	Sodium	Na	347	4.49	LANL Int BG LVL	12.19	14.2	0.23	mg/L	5			SW-846:6010B	GELC	
C5	8	16	06/23/06	184	1230	270	16	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	12/18/07		F	CS	GENINORG	Total Dissolved Solids	TDS	1230	4.56	LANL Int BG LVL	127	4.8	2.4	mg/L	1			EPA:160.1	GELC	
C5	8	10	06/23/06	4.5	681	27.1	10	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	12/18/07		F	CS	METALS	Manganese	Mn	11	0.41	LANL Int BG LVL	2	2.8	2	ug/L	1			SW-846:6010B	GELC	
C5	8	10	06/23/06	1.5	14.5	2.9	10	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	12/18/07		F	CS	METALS	Nickel	Ni	3.5	1.21	LANL Int BG LVL	1	1.8	0.5	ug/L	1			SW-846:6020	GELC	
C5	9	16	08/25/05	0.364	1.24	0.712	12	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-18	1358	12/04/07		UF	CS	GENINORG	Total Organic Carbon	TOC	0.857	1.20	LANL Reg BG LVL	0.33	1.3	0.33	mg/L	1	J	J	J_LAB	SW-846:9060	GELC
C5	9	16	08/25/05	0.364	1.24	0.712	12	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-18	1358	12/04/07	FD	UF	CS	GENINORG	Total Organic Carbon	TOC	1.24	1.74	LANL Reg BG LVL	0.33	1.9	0.33	mg/L	1			SW-846:9060	GELC	
C5	11	20	12/17/03	0.555	1.51	0.84	17	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-23	816	12/06/07		UF	CS	GENINORG	Total Organic Carbon	TOC	1.16	1.38	LANL Reg BG LVL	0.33	1.8	0.33	mg/L	1			SW-846:9060	GELC	
June 2008																															
C5	23	26	10/24/01	1.22	2.97	2.05	26	Pueblo Canyon (includes Acid Canyon)	Water Supply	O-1	1017	02/20/08		UF	CS	GENINORG	Perchlorate	ClO4	1.97	0.96	LANL Reg BG LVL	0.05	19.7	0.2	ug/L	4			SW-846:6850	GELC	
C5	7	8	01/11/07	76.6	87.6	84.5	8	Sandia Canyon	Intermediate	SCI-1	358.4	02/22/08		F	CS	GENINORG	Calcium	Ca	76.6	0.91	LANL Int BG LVL	17.31	2.2	0.03	mg/L	1			SW-846:6010B	GELC	
C5	7	8	01/11/07	51.4	62.1	53.7	8	Sandia Canyon	Intermediate	SCI-1	358.4	02/22/08		F	CS	GENINORG	Sodium	Na	54.2	1.01	LANL Int BG LVL	12.19	2.2	0.045	mg/L	1			SW-846:6010B	GELC	
C5	7	7	01/11/07	0.77	0.914	0.844	6	Sandia Canyon	Intermediate	SCI-1	358.4	02/22/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	0.906	1.07	LANL Int BG LVL	0.08	5.7	0.024	mg/L	1	J		I4a	EPA:365.4	GELC
C5	7	8	01/11/07	82.1	98	94.7	8	Sandia Canyon	Intermediate	SCI-1	358.4	02/22/08		F	CS	METALS	Boron	B	82.1	0.87	LANL Int BG LVL	15.12	2.7	10	ug/L	1			SW-846:6010B	GELC	
C5	7	7	01/11/07	13.5	22.1	16.2	7	Sandia Canyon	Intermediate	SCI-1	358.4	02/22/08		F	CS	METALS	Chromium	Cr	17.1	1.06	LANL Int BG LVL	1	8.6	2.5	ug/L	1			SW-846:6020	GELC	
C5	7	8	01/11/07	43.9	71.3	49.7	8	Sandia Canyon	Intermediate	SCI-1	358.4	02/22/08		F	CS	METALS	Molybdenum	Mo	63	1.27	LANL Int BG LVL	2	15.8	0.1	ug/L	1			SW-846:6020	GELC	
C5	7	7	01/11/07	4.7	8.1	7.6	7	Sandia Canyon	Intermediate	SCI-1	358.4	02/22/08		F	CS	METALS	Nickel	Ni	8	1.05	LANL Int BG LVL	1	4.0	0.5	ug/L	1			SW-846:6020	GELC	
C5	7	8	01/11/07	320	383	371	8	Sandia Canyon	Intermediate	SCI-1	358.4	02/22/08		F	CS	METALS	Strontium	Sr	357	0.96	LANL Int BG LVL	154.76	1.2	1	ug/L	1			SW-846:6010B	GELC	
C5	7	7	01/11/07	2.5	2.9	2.7	7	Sandia Canyon	Intermediate	SCI-1	358.4	02/22/08		F	CS	METALS	Uranium	U	2.5	0.93	LANL Int BG LVL	0.72	1.7	0.05	ug/L	1			SW-846:6020	GELC	
C5	39	49	02/24/00	1.31	12.5	3.98	48	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-7	39	02/25/08		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	2.55	0.64	LANL Avi BG LVL	0.57	2.2	0.1	mg/L	10			EPA:353.2	GELC	
C5	11	18	06/15/05	14.2	20.4	18.3	18	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-6	686	02/22/08		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	20.2	1.10	LANL Int BG LVL	2.41	4.2	0.5	mg/L	50			EPA:353.2	GELC	
C5	15	18	02/24/00	1.89	3.31	2.31	18	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-15	958.6	02/25/08		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	2.19	0.95	LANL Reg BG LVL	0.89	1.2	0.1	mg/L	10			EPA:353.2	GELC	
C5	8	9	08/29/06	0.29	0.384	0.309	9	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-BG-1	10	03/04/08		F	CS	GENINORG	Perchlorate	ClO4	0.309	1.00	LANL Avi BG LVL	0.05	3.1	0.05	ug/L	1			SW-846:6850	GELC	
C5	8	10	08/31/06	0.247	0.568	0.333	10	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-9	6	03/19/08		F	CS	GENINORG	Perchlorate	ClO4	0.312	0.94	LANL Avi BG LVL	0.05	3.1	0.05	ug/L	1			SW-846:6850	GELC	
C5	8	10	08/31/06	0.307	0.417	0.372	10	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-11	27	03/05/08		F	CS	GENINORG	Perchlorate	ClO4	0.406	1.09	LANL Avi BG LVL	0.05	4.1	0.05	ug/L	1			SW-846:6850	GELC	
C5	8	10	08/31/06	0.307	0.417	0.372	10	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-11	27	03/05/08	FD	F	CS	GENINORG	Perchlorate	ClO4	0.397	1.07	LANL Avi BG LVL	0.05	4.0	0.05	ug/L	1			SW-846:6850	GELC	
C5	8	9	08/28/06	0.119	0.242	0.174	9	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	03/03/08		F	CS	GENINORG	Perchlorate	ClO4	0.242	1.39	LANL Avi BG LVL	0.05	2.4	0.05	ug/L	1			SW-846:6850	GELC	
C5	8	9	08/28/06	45.1	96.3	62.1	9	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	03/03/08		F	CS	GENINORG	Sodium	Na	71.5	1.15	LANL Avi BG LVL	15.54	2.3	0.045	mg/L	1			SW-846:6010B	GELC	
C5	8	11	08/28/06	235	516	351	11	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	03/03/08		F	CS	GENINORG	Total Dissolved Solids	TDS	422	1.20	LANL Avi BG LVL	139	1.5	2.4	mg/L	1			EPA:160.1	GELC	
C5	8	9	08/28/06	103	320	169	9	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	03/03/08		F	CS	METALS	Barium	Ba	256	1.51	LANL Avi BG LVL	68.57	1.9	1	ug/L	1			SW-846:6010B	GELC	
C5	6	7	08/30/05	0.0612	0.159	0.119	4	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCO-2	1.5	03/07/08		F	CS	GENINORG	Perchlorate	ClO4	0.159	1.34	LANL Avi BG LVL	0.05	1.6	0.05	ug/L	1	J	J	J_LAB	SW-846:6850	GELC
C5	7	8	08/30/05	20.5	56.9	38.5	8	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCO-2	1.5	03/07/08		F	CS	GENINORG	Sodium	Na	31.5	0.82	LANL Avi BG LVL	15.54	1.0	0.045	mg/L	1			SW-846:6010B	GELC	
C5	7	7	04/10/01	68.3	128	94.5	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCO-3	5.7	03/18/08		F	CS	GENINORG	Calcium	Ca	93.6	0.99	LANL Avi BG LVL	26.36	1.8	0.03	mg/L	1			SW-846:6010B	GELC	
C5	7	7	04/10/01	140	320	204	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCO-3	5.7	03/18/08		F	CS	GENINORG	Chloride	Cl(-1)	186	0.91	LANL Avi BG LVL	69.76	1.3	1.3	mg/L	20			EPA:300.0	GELC	
C5	7	7	04/10/01	15.7	30.4	24.9	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCO-3	5.7	03/18/08		F	CS	GENINORG	Magnesium	Mg	24.9	1.00	LANL Avi BG LVL	7.78	1.6	0.085	mg/L	1			SW-846:6010B	GELC	

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Fid QC Type Code	Fid Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Anyl Meth Code	Lab Code
C5	7	7	04/10/01	90.1	280	111	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCO-3	5.7	03/18/08		F	CS	GENINORG	Sodium	Na	123	1.11	LANL Avl BG LVL	15.54	4.0	0.045	mg/L	1				SW-846:6010B	GELC
C5	7	7	04/10/01	48.4	131	74.2	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCO-3	5.7	03/18/08		F	CS	GENINORG	Sulfate	SO4(-2)	51.3	0.69	LANL Avl BG LVL	24.83	1.0	2	mg/L	20				EPA:300.0	GELC
C5	7	9	04/10/01	542	1020	819	9	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCO-3	5.7	03/18/08		F	CS	GENINORG	Total Dissolved Solids	TDS	732	0.89	LANL Avl BG LVL	139	2.6	2.4	mg/L	1				EPA:160.1	GELC
C5	7	7	04/10/01	11.4	1550	322	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCO-3	5.7	03/18/08		F	CS	METALS	Manganese	Mn	131	0.41	LANL Avl BG LVL	2	32.8	2	ug/L	1				SW-846:6010B	GELC
C5	7	7	04/10/01	5.1	11.9	6.2	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCO-3	5.7	03/18/08		F	CS	METALS	Nickel	Ni	9.4	1.52	LANL Avl BG LVL	1	4.7	0.5	ug/L	1				SW-846:6020	GELC
C5	7	7	04/10/01	392	730	596	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCO-3	5.7	03/18/08		F	CS	METALS	Strontium	Sr	596	1.00	LANL Avl BG LVL	120	2.5	1	ug/L	1				SW-846:6010B	GELC
C5	9	9	06/21/05	0.279	0.474	0.364	9	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	PC Spring	0	03/19/08		F	CS	GENINORG	Perchlorate	CIO4	0.474	1.30	LANL Int BG LVL	0.05	4.7	0.05	ug/L	1				SW-846:6850	GELC
C5	9	17	06/20/05	0.178	0.405	0.289	17	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Homestead Spring	0	03/11/08		F	CS	GENINORG	Perchlorate	CIO4	0.349	1.21	LANL Int BG LVL	0.05	3.5	0.05	ug/L	1				SW-846:6850	GELC
C5	9	17	06/20/05	0.178	0.405	0.289	17	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Homestead Spring	0	03/11/08	FD	F	CS	GENINORG	Perchlorate	CIO4	0.382	1.32	LANL Int BG LVL	0.05	3.8	0.05	ug/L	1				SW-846:6850	GELC
C5	10	19	09/09/04	325	6630	1190	19	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Homestead Spring	0	03/11/08	FD	F	CS	METALS	Aluminum	Al	4040	3.39	LANL Int BG LVL	1065.84	1.9	68	ug/L	1				SW-846:6010B	GELC
C5	10	19	09/09/04	325	6630	1190	19	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Homestead Spring	0	03/11/08		F	CS	METALS	Aluminum	Al	2740	2.30	LANL Int BG LVL	1065.84	1.3	68	ug/L	1				SW-846:6010B	GELC
C5	10	19	09/09/04	146	3400	374	19	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Homestead Spring	0	03/11/08	FD	F	CS	METALS	Iron	Fe	1880	5.03	LANL Int BG LVL	839.99	1.1	25	ug/L	1				SW-846:6010B	GELC
C5	10	19	09/09/04	2.07	22.1	6.3	14	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Homestead Spring	0	03/11/08	FD	F	CS	METALS	Manganese	Mn	9.3	1.48	LANL Int BG LVL	2	2.3	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C5	10	19	09/09/04	2.07	22.1	6.3	14	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Homestead Spring	0	03/11/08		F	CS	METALS	Manganese	Mn	5.9	0.94	LANL Int BG LVL	2	1.5	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C5	10	19	09/09/04	0.24	2.4	0.85	11	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Homestead Spring	0	03/11/08	FD	F	CS	METALS	Lead	Pb	1	1.18	LANL Int BG LVL	0.5	1.0	0.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC
C5	10	19	09/09/04	2.1	11.8	4.7	10	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Homestead Spring	0	03/11/08	FD	F	CS	METALS	Zinc	Zn	5	1.06	LANL Int BG LVL	2	1.3	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C5	10	19	09/09/04	2.1	11.8	4.7	10	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Homestead Spring	0	03/11/08		F	CS	METALS	Zinc	Zn	8.2	1.74	LANL Int BG LVL	2	2.1	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C5	9	9	06/21/05	0.217	0.457	0.301	9	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Starmer Spring	0	03/11/08		F	CS	GENINORG	Perchlorate	CIO4	0.422	1.40	LANL Int BG LVL	0.05	4.2	0.05	ug/L	1				SW-846:6850	GELC
C5	9	9	06/20/05	0.377	0.572	0.451	9	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Kieling Spring	0	03/11/08		F	CS	GENINORG	Perchlorate	CIO4	0.515	1.14	LANL Int BG LVL	0.05	5.2	0.05	ug/L	1				SW-846:6850	GELC
C5	10	10	09/09/04	27.5	12800	1590	10	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Kieling Spring	0	03/11/08		F	CS	METALS	Aluminum	Al	3410	2.14	LANL Int BG LVL	1065.84	1.6	68	ug/L	1				SW-846:6010B	GELC
C5	10	10	09/09/04	2.5	36.1	6.4	10	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Kieling Spring	0	03/11/08		F	CS	METALS	Manganese	Mn	7.5	1.17	LANL Int BG LVL	2	1.9	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C5	9	9	06/22/05	0.606	0.837	0.663	9	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Bulldog Spring	0	03/11/08		F	CS	GENINORG	Perchlorate	CIO4	0.629	0.95	LANL Int BG LVL	0.05	6.3	0.05	ug/L	1				SW-846:6850	GELC
C5	8	8	08/23/06	52.1	566	213	8	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-10	20.6	03/17/08		F	CS	GENINORG	Chloride	Cl(-1)	483	2.27	LANL Int BG LVL	7.78	31.0	3.3	mg/L	50				EPA:300.0	GELC
C5	9	9	06/27/06	40.3	291	93.1	9	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-10	20.6	03/17/08		F	CS	GENINORG	Sodium	Na	258	2.77	LANL Int BG LVL	12.19	10.6	0.045	mg/L	1				SW-846:6010B	GELC
C5	8	10	08/23/06	204	1200	494	10	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-10	20.6	03/17/08		F	CS	GENINORG	Total Dissolved Solids	TDS	898	1.82	LANL Int BG LVL	127	3.5	2.4	mg/L	1				EPA:160.1	GELC
C5	9	9	06/27/06	5.2	300	16.7	9	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-10	20.6	03/17/08		F	CS	METALS	Manganese	Mn	10.8	0.65	LANL Int BG LVL	2	2.7	2	ug/L	1				SW-846:6010B	GELC
C5	9	9	06/27/06	1.1	12.6	2.8	9	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-10	20.6	03/17/08		F	CS	METALS	Nickel	Ni	3.1	1.11	LANL Int BG LVL	1	1.6	0.5	ug/L	1				SW-846:6020	GELC
C5	9	9	06/27/06	6.4	50.8	10.4	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-10	20.6	03/17/08		F	CS	METALS	Zinc	Zn	9.8	0.94	LANL Int BG LVL	2	2.5	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C5	9	12	06/23/06	43.2	610	208.5	12	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	03/17/08		F	CS	GENINORG	Chloride	Cl(-1)	550	2.64	LANL Int BG LVL	7.78	35.4	3.3	mg/L	50				EPA:300.0	GELC
C5	9	12	06/23/06	43.2	610	208.5	12	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	03/17/08	FD	F	CS	GENINORG	Chloride	Cl(-1)	552	2.65	LANL Int BG LVL	7.78	35.5	3.3	mg/L	50				EPA:300.0	GELC
C5	9	12	06/23/06	44.3	347	146.8	12	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	03/17/08	FD	F	CS	GENINORG	Sodium	Na	304	2.07	LANL Int BG LVL	12.19	12.5	0.045	mg/L	1				SW-846:6010B	GELC
C5	9	12	06/23/06	44.3	347	146.8	12	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	03/17/08		F	CS	GENINORG	Sodium	Na	299	2.04	LANL Int BG LVL	12.19	12.3	0.045	mg/L	1				SW-846:6010B	GELC
C5	9	18	06/23/06	184	1230	295	18	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	03/17/08	FD	F	CS	GENINORG	Total Dissolved Solids	TDS	1030	3.49	LANL Int BG LVL	127	4.1	2.4	mg/L	1				EPA:160.1	GELC
C5	9	18	06/23/06	184	1230	295	18	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	03/17/08		F	CS	GENINORG	Total Dissolved Solids	TDS	1050	3.56	LANL Int BG LVL	127	4.1	2.4	mg/L	1				EPA:160.1	GELC
C5	9	12	06/23/06	4.5	681	33.9	12	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	03/17/08		F	CS	METALS	Manganese	Mn	34.3	1.01	LANL Int BG LVL	2	8.6	2	ug/L	1				SW-846:6010B	GELC

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Fid QC Type Code	Fid Prep Code	Lab Sample Type Code	Any1 Suite Code	Analyte Desc	Analyte	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Any1 Meth Code	Lab Code
C5	9	12	06/23/06	4.5	681	33.9	12	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	03/17/08	FD	F	CS	METALS	Manganese	Mn	39.9	1.18	LANL Int BG LVL	2	10.0	2	ug/L	1				SW-846:6010B	GELC
C5	9	12	06/23/06	1.5	14.5	2.8	12	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	03/17/08	FD	F	CS	METALS	Nickel	Ni	3.7	1.32	LANL Int BG LVL	1	1.9	0.5	ug/L	1				SW-846:6020	GELC
C5	9	12	06/23/06	1.5	14.5	2.8	12	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	03/17/08		F	CS	METALS	Nickel	Ni	3.5	1.25	LANL Int BG LVL	1	1.8	0.5	ug/L	1				SW-846:6020	GELC
C5	9	12	06/23/06	3.3	64.9	13	11	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	03/17/08	FD	F	CS	METALS	Zinc	Zn	9	0.69	LANL Int BG LVL	2	2.3	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C5	9	12	06/23/06	3.3	64.9	13	11	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	03/17/08		F	CS	METALS	Zinc	Zn	9.6	0.74	LANL Int BG LVL	2	2.4	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C5	7	8	10/03/06	0.146	0.24	0.197	8	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-23i	470.2	03/14/08		F	CS	GENINORG	Perchlorate	ClO4	0.209	1.06	LANL Int BG LVL	0.05	2.1	0.05	ug/L	1				SW-846:6850	GELC
C5	6	7	10/11/06	0.186	0.274	0.236	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-23i	524	03/14/08		F	CS	GENINORG	Perchlorate	ClO4	0.274	1.16	LANL Int BG LVL	0.05	2.7	0.05	ug/L	1				SW-846:6850	GELC
C5	12	21	12/17/03	0.555	1.51	0.868	18	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-23	816	03/04/08		UF	CS	GENINORG	Total Organic Carbon	TOC	0.711	0.82	LANL Reg BG LVL	0.33	1.1	0.33	mg/L	1	J	J	J_LAB	SW-846:9060	GELC

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C5	4	4	10/16/06	132	238	179	4	Sandia Canyon	Alluvial	SCA-1	1.3	05/19/08		F	CS	GENINORG	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	166	0.93	LANL Avl BG LVL	76	1.1	0.73	mg/L	1				EPA:310.1	GELC
C5	5	5	10/16/06	0.215	1.29	0.873	5	Sandia Canyon	Alluvial	SCA-1	1.3	05/19/08		F	CS	GENINORG	Bromide	Br(-1)	0.845	0.97	LANL Avl BG LVL	0.07	6.0	0.067	mg/L	1				EPA:300.0	GELC
C5	5	5	10/16/06	11.1	20.7	16.7	5	Sandia Canyon	Alluvial	SCA-1	1.3	05/19/08		F	CS	GENINORG	Potassium	K	16.7	1.00	LANL Avl BG LVL	5.21	1.6	0.05	mg/L	1	N	J-	I6a	SW-846:6010B	GELC
C5	5	5	10/16/06	98	153	100	5	Sandia Canyon	Alluvial	SCA-1	1.3	05/19/08		F	CS	GENINORG	Sodium	Na	99.6	1.00	LANL Avl BG LVL	15.54	3.2	0.045	mg/L	1				SW-846:6010B	GELC
C5	4	5	10/16/06	419	524	455	5	Sandia Canyon	Alluvial	SCA-1	1.3	05/19/08		F	CS	GENINORG	Total Dissolved Solids	TDS	447	0.98	LANL Avl BG LVL	139	1.6	2.4	mg/L	1				EPA:160.1	GELC
C5	5	5	10/16/06	3	14.8	3.7	4	Sandia Canyon	Alluvial	SCA-1	1.3	05/19/08		F	CS	METALS	Cobalt	Co	3.4	0.92	LANL Avl BG LVL	0.5	3.4	1	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C5	5	5	10/16/06	6.2	32.2	9.2	4	Sandia Canyon	Alluvial	SCA-1	1.3	05/19/08		F	CS	METALS	Chromium	Cr	9.1	0.99	LANL Avl BG LVL	1	4.6	2.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC
C5	4	5	02/13/07	0.389	0.555	0.504	5	Sandia Canyon	Alluvial	SCA-2	10.3	05/19/08		F	CS	GENINORG	Bromide	Br(-1)	0.437	0.87	LANL Avl BG LVL	0.07	3.1	0.067	mg/L	1				EPA:300.0	GELC
C5	4	5	02/13/07	0.32	0.795	0.407	5	Sandia Canyon	Alluvial	SCA-2	10.3	05/19/08		F	CS	GENINORG	Perchlorate	ClO4	0.32	0.79	LANL Avl BG LVL	0.05	3.2	0.05	ug/L	1				SW-846:6850	GELC
C5	4	6	02/13/07	10.8	17.3	13.3	6	Sandia Canyon	Alluvial	SCA-2	10.3	05/19/08		F	CS	GENINORG	Potassium	K	14	1.05	LANL Avl BG LVL	5.21	1.3	0.05	mg/L	1	N	J+	I6b	SW-846:6010B	GELC
C5	4	6	02/13/07	10.8	17.3	13.3	6	Sandia Canyon	Alluvial	SCA-2	10.3	05/19/08	FD	F	CS	GENINORG	Potassium	K	13.9	1.05	LANL Avl BG LVL	5.21	1.3	0.05	mg/L	1	N	J+	I6b	SW-846:6010B	GELC
C5	4	6	02/13/07	81.8	157	122	6	Sandia Canyon	Alluvial	SCA-2	10.3	05/19/08		F	CS	GENINORG	Sodium	Na	111	0.91	LANL Avl BG LVL	15.54	3.6	0.045	mg/L	1				SW-846:6010B	GELC
C5	4	6	02/13/07	81.8	157	122	6	Sandia Canyon	Alluvial	SCA-2	10.3	05/19/08	FD	F	CS	GENINORG	Sodium	Na	109	0.89	LANL Avl BG LVL	15.54	3.5	0.045	mg/L	1				SW-846:6010B	GELC
C5	4	5	02/13/07	381	750	530	5	Sandia Canyon	Alluvial	SCA-2	10.3	05/19/08		F	CS	GENINORG	Total Dissolved Solids	TDS	437	0.82	LANL Avl BG LVL	139	1.6	2.4	mg/L	1				EPA:160.1	GELC
C5	4	6	02/13/07	5.6	10	7	4	Sandia Canyon	Alluvial	SCA-2	10.3	05/19/08		F	CS	METALS	Chromium	Cr	6.4	0.91	LANL Avl BG LVL	1	3.2	2.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC
C5	4	6	02/13/07	5.6	10	7	4	Sandia Canyon	Alluvial	SCA-2	10.3	05/19/08	FD	F	CS	METALS	Chromium	Cr	7.5	1.07	LANL Avl BG LVL	1	3.8	2.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC
C5	4	6	02/13/07	7.5	13	12.4	4	Sandia Canyon	Alluvial	SCA-2	10.3	05/19/08	FD	F	CS	METALS	Molybdenum	Mo	13	1.05	LANL Avl BG LVL	2	3.3	0.1	ug/L	1		J	I4a	SW-846:6020	GELC
C5	4	6	02/13/07	7.5	13	12.4	4	Sandia Canyon	Alluvial	SCA-2	10.3	05/19/08		F	CS	METALS	Molybdenum	Mo	12.5	1.01	LANL Avl BG LVL	2	3.1	0.1	ug/L	1		J	I4a	SW-846:6020	GELC
C5	4	6	02/13/07	2.3	4.1	3.1	5	Sandia Canyon	Alluvial	SCA-2	10.3	05/19/08	FD	F	CS	METALS	Nickel	Ni	3.3	1.06	LANL Avl BG LVL	1	1.7	0.5	ug/L	1				SW-846:6020	GELC
C5	4	6	02/13/07	2.3	4.1	3.1	5	Sandia Canyon	Alluvial	SCA-2	10.3	05/19/08		F	CS	METALS	Nickel	Ni	3.1	1.00	LANL Avl BG LVL	1	1.6	0.5	ug/L	1				SW-846:6020	GELC
C5	4	6	02/13/07	10.5	195	24.4	6	Sandia Canyon	Alluvial	SCA-2	10.3	05/19/08	FD	F	CS	METALS	Zinc	Zn	143	5.86	LANL Avl BG LVL	2	35.8	2	ug/L	1	N	J-	I6a	SW-846:6010B	GELC
C5	4	6	02/13/07	10.5	195	24.4	6	Sandia Canyon	Alluvial	SCA-2	10.3	05/19/08		F	CS	METALS	Zinc	Zn	195	7.99	LANL Avl BG LVL	2	48.8	2	ug/L	1	N	J-	I6a	SW-846:6010B	GELC
C5	4	4	06/18/07	0.394	1.69	0.547	4	Sandia Canyon	Alluvial	SCA-4	37	05/12/08		F	CS	GENINORG	Perchlorate	ClO4	1.69	3.09	LANL Avl BG LVL	0.05	16.9	0.2	ug/L	4				SW-846:6850	GELC
C5	4	4	06/18/07	0.543	1.07	0.985	4	Sandia Canyon	Alluvial	SCA-4	37	05/12/08		F	CS	GENINORG	Fluoride	F(-1)	0.543	0.55	LANL Avl BG LVL	0.27	1.0	0.033	mg/L	1				EPA:300.0	GELC
C5	4	4	06/18/07	1.74	729	1.84	4	Sandia Canyon	Alluvial	SCA-4	37	05/12/08		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	1.74	0.95	LANL Avl BG LVL	0.57	1.5	0.1	mg/L	10				EPA:353.2	GELC
C5	4	4	06/18/07	75.9	100	88.7	4	Sandia Canyon	Alluvial	SCA-4	37	05/12/08		F	CS	GENINORG	Sodium	Na	100	1.13	LANL Avl BG LVL	15.54	3.2	0.045	mg/L	1		J-	I6a	SW-846:6010B	GELC
C5	4	4	06/18/07	2.89	4.08	3.82	4	Sandia Canyon	Alluvial	SCA-4	37	05/12/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	2.89	0.76	LANL Avl BG LVL	0.05	28.9	0.024	mg/L	1		J+	I6b	EPA:365.4	GELC
C5	4	4	06/18/07	303	394	320	4	Sandia Canyon	Alluvial	SCA-4	37	05/12/08		F	CS	GENINORG	Total Dissolved Solids	TDS	394	1.23	LANL Avl BG LVL	139	1.4	2.4	mg/L	1				EPA:160.1	GELC
C5	4	4	06/18/07	10.9	19.9	14.9	4	Sandia Canyon	Alluvial	SCA-4	37	05/12/08		F	CS	METALS	Manganese	Mn	19.9	1.34	LANL Avl BG LVL	2	5.0	2	ug/L	1				SW-846:6010B	GELC
C5	4	4	06/18/07	32.9	67	55.4	4	Sandia Canyon	Alluvial	SCA-4	37	05/12/08		F	CS	METALS	Molybdenum	Mo	32.9	0.59	LANL Avl BG LVL	2	8.2	0.1	ug/L	1				SW-846:6020	GELC
C5	4	4	06/18/07	1.5	7.8	4.7	4	Sandia Canyon	Alluvial	SCA-4	37	05/12/08		F	CS	METALS	Nickel	Ni	7.8	1.66	LANL Avl BG LVL	1	3.9	0.5	ug/L	1	*			SW-846:6020	GELC
C5	4	4	06/18/07	8.1	10.5	9.8	3	Sandia Canyon	Alluvial	SCA-4	37	05/12/08		F	CS	METALS	Vanadium	V	8.1	0.83	LANL Avl BG LVL	1	4.1	1	ug/L	1				SW-846:6010B	GELC
C5	7	7	01/11/07	1.24	1.53	1.34	7	Sandia Canyon	Intermediate	SCI-1	358.4	05/21/08		F	CS	GENINORG	Bromide	Br(-1)	1.24	0.93	LANL Int BG LVL	0.03	20.7	0.067	mg/L	1				EPA:300.0	GELC
C5	7	8	01/11/07	76.6	87.6	84.5	8	Sandia Canyon	Intermediate	SCI-1	358.4	05/21/08		F	CS	GENINORG	Calcium	Ca	77.6	0.92	LANL Int BG LVL	17.31	2.2	0.03	mg/L	1				SW-846:6010B	GELC
C5	7	7	01/11/07	88.9	98.7	91.6	7	Sandia Canyon	Intermediate	SCI-1	358.4	05/21/08		F	CS	GENINORG	Chloride	Cl(-1)	88.9	0.97	LANL Int BG LVL	7.78	5.7	0.66	mg/L	10				EPA:300.0	GELC
C5	7	7	01/11/07	1.41	1.58	1.46	7	Sandia Canyon	Intermediate	SCI-1	358.4	05/21/08		F	CS	GENINORG	Perchlorate	ClO4	1.46	1.00	LANL Int BG LVL	0.05	14.6	0.1	ug/L	2				SW-846:6850	GELC
C5	7	8	01/11/07	51.4	62.1	53.7	8	Sandia Canyon	Intermediate	SCI-1	358.4	05/21/08		F	CS	GENINORG	Sodium	Na	51.4	0.96	LANL Int BG LVL	12.19	2.1	0.045	mg/L	1				SW-846:6010B	GELC
C5	7	7	01/11/07	0.77	0.914	0.844	6	Sandia Canyon	Intermediate	SCI-1	358.4	05/21/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	0.914	1.08	LANL Int BG LVL	0.08	5.7	0.024	mg/L	1		J	I4a	EPA:365.4	GELC
C5	7	7	01/11/07	102	112	105	7	Sandia Canyon	Intermediate	SCI-1	358.4	05/21/08		F	CS	GENINORG	Sulfate	SO4(-2)	103	0.98	LANL Int BG LVL	40.03	1.3	1	mg/L	10				EPA:300.0	GELC

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Fid QC Type Code	Fid Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Anyl Meth Code	Lab Code
C5	7	7	01/11/07	2.5	2.9	2.7	7	Sandia Canyon	Intermediate	SCI-1	358.4	05/21/08		F	CS	METALS	Uranium	U	2.5	0.93	LANL Int BG LVL	0.72	1.7	0.05	ug/L	1				SW-846:6020	GELC
C5	12	18	05/17/05	3.41	7.43	4.5	18	Sandia Canyon	Regional	R-11	855	05/12/08		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	5.15	1.14	LANL Reg BG LVL	0.89	2.9	0.1	mg/L	10	J-	I6a	EPA:353.2	GELC	
C5	13	19	05/17/05	17.2	34.9	25.5	19	Sandia Canyon	Regional	R-11	855	05/12/08		F	CS	METALS	Chromium	Cr	22.1	0.87	LANL Reg BG LVL	5.75	1.9	2.5	ug/L	1				SW-846:6020	GELC
C5	4	5	08/29/07	50.3	62.3	59.4	5	Sandia Canyon	Regional	R-35b	825.4	05/13/08		F	CS	METALS	Zinc	Zn	50.3	0.85	LANL Reg BG LVL	3.89	6.5	2	ug/L	1				SW-846:6010B	GELC
C5	4	5	08/30/07	299	340	315	5	Sandia Canyon	Regional	R-35a	1013.1	05/13/08		F	CS	METALS	Barium	Ba	315	1.00	LANL Reg BG LVL	56.83	2.8	1	ug/L	1				SW-846:6010B	GELC
C5	4	5	08/30/07	299	340	315	5	Sandia Canyon	Regional	R-35a	1013.1	05/13/08	FD	F	CS	METALS	Barium	Ba	322	1.02	LANL Reg BG LVL	56.83	2.8	1	ug/L	1				SW-846:6010B	GELC
C5	4	7	08/30/07	32.1	315	99.6	7	Sandia Canyon	Regional	R-35a	1013.1	05/13/08		F	CS	METALS	Iron	Fe	103	1.03	LANL Reg BG LVL	21	2.5	25	ug/L	1				SW-846:6010B	GELC
C5	4	7	08/30/07	32.1	315	99.6	7	Sandia Canyon	Regional	R-35a	1013.1	05/13/08	FD	F	CS	METALS	Iron	Fe	99.6	1.00	LANL Reg BG LVL	21	2.4	25	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C5	7	7	09/19/05	52.2	300	184	7	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-0.6	1.05	05/29/08		F	CS	GENINORG	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	184	1.00	LANL Avi BG LVL	76	1.2	0.73	mg/L	1				EPA:310.1	GELC
C5	7	7	09/19/05	155	739	354	7	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-0.6	1.05	05/29/08		F	CS	GENINORG	Chloride	Cl(-1)	155	0.44	LANL Avi BG LVL	69.76	1.1	3.3	mg/L	50				EPA:300.0	GELC
C5	6	6	07/10/06	0.119	0.661	0.457	5	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-0.6	1.05	05/29/08		F	CS	GENINORG	Ammonia as Nitrogen	NH3-N	0.209	0.46	LANL Avi BG LVL	0.04	2.6	0.03	mg/L	1	J-	I6a	EPA:350.1	GELC	
C5	7	7	09/19/05	164	481	288	7	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-0.6	1.05	05/29/08		F	CS	GENINORG	Sodium	Na	164	0.57	LANL Avi BG LVL	15.54	5.3	0.045	mg/L	1				SW-846:6010B	GELC
C5	7	10	09/19/05	590	1650	1010	10	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-0.6	1.05	05/29/08		F	CS	GENINORG	Total Dissolved Solids	TDS	590	0.58	LANL Avi BG LVL	139	2.1	2.4	mg/L	1				EPA:160.1	GELC
C5	7	7	09/19/05	154	676	307	7	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-0.6	1.05	05/29/08		F	CS	METALS	Barium	Ba	154	0.50	LANL Avi BG LVL	68.57	1.1	1	ug/L	1				SW-846:6010B	GELC
C5	7	7	09/19/05	7.3	25.4	14.3	7	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-0.6	1.05	05/29/08		F	CS	METALS	Cobalt	Co	8.9	0.62	LANL Avi BG LVL	0.5	8.9	1	ug/L	1				SW-846:6010B	GELC
C5	7	7	09/19/05	2.8	10.3	5.7	4	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-0.6	1.05	05/29/08		F	CS	METALS	Chromium	Cr	2.8	0.49	LANL Avi BG LVL	1	1.4	2.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC
C5	7	7	09/19/05	1690	5870	2410	7	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-0.6	1.05	05/29/08		F	CS	METALS	Manganese	Mn	1690	0.70	LANL Avi BG LVL	2	422.5	2	ug/L	1				SW-846:6010B	GELC
C5	7	7	09/19/05	15.9	36.3	16.7	7	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-0.6	1.05	05/29/08		F	CS	METALS	Nickel	Ni	16.1	0.96	LANL Avi BG LVL	1	8.1	0.5	ug/L	1				SW-846:6020	GELC
C5	7	7	09/19/05	13.5	85.9	21.6	7	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-0.6	1.05	05/29/08		F	CS	METALS	Zinc	Zn	16.9	0.78	LANL Avi BG LVL	2	4.2	2	ug/L	1				SW-846:6010B	GELC
C5	4	5	07/17/00	3.871000051	77.5	27.9	5	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-2	2	05/28/08	FD	F	CS	GENINORG	Potassium	K	27.9	1.00	LANL Avi BG LVL	5.21	2.7	0.05	mg/L	1				SW-846:6010B	GELC
C5	4	5	07/17/00	3.871000051	77.5	27.9	5	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-2	2	05/28/08		F	CS	GENINORG	Potassium	K	28.7	1.03	LANL Avi BG LVL	5.21	2.8	0.05	mg/L	1				SW-846:6010B	GELC
C5	4	5	07/17/00	36.05599976	945	194	5	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-2	2	05/28/08		F	CS	GENINORG	Sodium	Na	202	1.04	LANL Avi BG LVL	15.54	6.5	0.045	mg/L	1				SW-846:6010B	GELC
C5	4	5	07/17/00	36.05599976	945	194	5	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-2	2	05/28/08	FD	F	CS	GENINORG	Sodium	Na	194	1.00	LANL Avi BG LVL	15.54	6.2	0.045	mg/L	1				SW-846:6010B	GELC
C5	5	6	07/17/00	338	3800	723	6	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-2	2	05/28/08	FD	F	CS	GENINORG	Total Dissolved Solids	TDS	725	1.00	LANL Avi BG LVL	139	2.6	2.4	mg/L	1				EPA:160.1	GELC
C5	5	6	07/17/00	338	3800	723	6	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-2	2	05/28/08		F	CS	GENINORG	Total Dissolved Solids	TDS	721	1.00	LANL Avi BG LVL	139	2.6	2.4	mg/L	1				EPA:160.1	GELC
C5	4	5	07/17/00	1.9	12.3	2.4	4	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-2	2	05/28/08	FD	F	CS	METALS	Cobalt	Co	1.9	0.79	LANL Avi BG LVL	0.5	1.9	1	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C5	4	5	07/17/00	1.9	12.3	2.4	4	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-2	2	05/28/08		F	CS	METALS	Cobalt	Co	2.7	1.13	LANL Avi BG LVL	0.5	2.7	1	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C5	4	5	07/17/00	3.8	41.8	13.3	5	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-2	2	05/28/08		F	CS	METALS	Chromium	Cr	13.3	1.00	LANL Avi BG LVL	1	6.7	2.5	ug/L	1				SW-846:6020	GELC
C5	4	5	07/17/00	3.8	41.8	13.3	5	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-2	2	05/28/08	FD	F	CS	METALS	Chromium	Cr	18.2	1.37	LANL Avi BG LVL	1	9.1	2.5	ug/L	1				SW-846:6020	GELC
C5	4	5	07/17/00	181	2530	750	5	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-2	2	05/28/08		F	CS	METALS	Manganese	Mn	530	0.71	LANL Avi BG LVL	2	132.5	2	ug/L	1				SW-846:6010B	GELC
C5	4	5	07/17/00	181	2530	750	5	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-2	2	05/28/08	FD	F	CS	METALS	Manganese	Mn	750	1.00	LANL Avi BG LVL	2	187.5	2	ug/L	1				SW-846:6010B	GELC
C5	4	5	07/17/00	9	400.9999931	118	5	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-2	2	05/28/08		F	CS	METALS	Molybdenum	Mo	118	1.00	LANL Avi BG LVL	2	29.5	0.1	ug/L	1				SW-846:6020	GELC
C5	4	5	07/17/00	9	400.9999931	118	5	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-2	2	05/28/08	FD	F	CS	METALS	Molybdenum	Mo	112	0.95	LANL Avi BG LVL	2	28.0	0.1	ug/L	1				SW-846:6020	GELC
C5	4	5	07/17/00	3.8	14.1	6	4	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-2	2	05/28/08	FD	F	CS	METALS	Nickel	Ni	4.3	0.72	LANL Avi BG LVL	1	2.2	0.5	ug/L	1				SW-846:6020	GELC
C5	4	5	07/17/00	3.8	14.1	6	4	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-2	2	05/28/08		F	CS	METALS	Nickel	Ni	3.8	0.63	LANL Avi BG LVL	1	1.9	0.5	ug/L	1				SW-846:6020	GELC
C5	4	5	07/17/00	7.6	25.6	18.4	4	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-2	2	05/28/08	FD	F	CS	METALS	Zinc	Zn	13.2	0.72	LANL Avi BG LVL	2	3.3	2	ug/L	1				SW-846:6010B	GELC
C5	4	5	07/17/00	7.6	25.6	18.4	4	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-2	2	05/28/08		F	CS	METALS	Zinc	Zn	7.6	0.41	LANL Avi BG LVL	2	1.9	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C5	8	8	04/26/05	0.216	0.871	0.523	8	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCA-1	2.4	05/20/08		F	CS	GENINORG	Perchlorate	ClO4	0.316	0.60	LANL Avi BG LVL	0.05	3.2	0.05	ug/L	1	J+	PE12f	SW-846:6850	GELC	

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Fid QC Type Code	Fid Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Anyl Meth Code	Lab Code
C5	8	8	04/26/05	4.6	62.4	21.6	8	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCA-1	2.4	05/20/08		F	CS	METALS	Manganese	Mn	55.6	2.57	LANL Avl BG LVL	2	13.9	2	ug/L	1				SW-846:6010B	GELC
C5	12	17	06/14/05	1.26	3.95	2.51	17	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-3	2	05/20/08		F	CS	GENINORG	Perchlorate	CIO4	2.25	0.90	LANL Avl BG LVL	0.05	22.5	0.2	ug/L	4	J+	PE12f	SW-846:6850	GELC	
C5	16	22	04/21/05	11.1	44.3	19.9	22	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-4B	8.9	05/21/08		F	CS	GENINORG	Perchlorate	CIO4	12.9	0.65	LANL Avl BG LVL	0.05	129.0	1	ug/L	20				SW-846:6850	GELC
C5	25	34	05/24/01	0.712	1.07	0.919	33	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-4B	8.9	05/21/08		F	CS	GENINORG	Fluoride	F(-1)	0.757	0.82	LANL Avl BG LVL	0.27	1.4	0.033	mg/L	1				EPA:300.0	GELC
C5	17	22	04/27/05	10.2	31.7	23.6	22	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-6	27	05/21/08		F	CS	GENINORG	Perchlorate	CIO4	10.2	0.43	LANL Avl BG LVL	0.05	102.0	1	ug/L	20				SW-846:6850	GELC
C5	38	46	02/24/00	0.852	1.51	1.1	46	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-6	27	05/21/08		F	CS	GENINORG	Fluoride	F(-1)	1	0.91	LANL Avl BG LVL	0.27	1.9	0.033	mg/L	1				EPA:300.0	GELC
C5	16	21	04/28/05	10.6	47.5	27.5	21	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-7	39	05/21/08		F	CS	GENINORG	Perchlorate	CIO4	10.6	0.39	LANL Avl BG LVL	0.05	106.0	1	ug/L	20				SW-846:6850	GELC
C5	39	48	02/24/00	1.07	2.13	1.36	47	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-7	39	05/21/08		F	CS	GENINORG	Fluoride	F(-1)	1.48	1.09	LANL Avl BG LVL	0.27	2.7	0.033	mg/L	1				EPA:300.0	GELC
C5	39	49	02/24/00	1.31	12.5	3.98	48	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-7	39	05/21/08		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	1.45	0.36	LANL Avl BG LVL	0.57	1.3	0.05	mg/L	5	J	I4a	EPA:353.2	GELC	
C5	13	15	08/07/01	0.04	0.416	0.289	15	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-7	39	05/21/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	0.39	1.35	LANL Avl BG LVL	0.05	3.9	0.024	mg/L	1	J	I4a	EPA:365.4	GELC	
C5	7	10	05/01/01	3.7	6.5	4.8	9	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	CDBO-6	34	05/22/08		F	CS	METALS	Vanadium	V	6.5	1.35	LANL Avl BG LVL	1	3.3	1	ug/L	1				SW-846:6010B	GELC
C5	10	10	06/23/05	0.34	0.606	0.405	10	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-4	499	05/29/08		F	CS	GENINORG	Bromide	Br(-1)	0.606	1.50	LANL Int BG LVL	0.03	10.1	0.067	mg/L	1	J	I4a	EPA:300.0	GELC	
C5	10	10	06/23/05	18.4	21	19.2	10	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-4	499	05/29/08		F	CS	GENINORG	Chloride	Cl(-1)	19.4	1.01	LANL Int BG LVL	7.78	1.3	0.13	mg/L	2				EPA:300.0	GELC
C5	10	10	06/23/05	91.8	166	140.5	10	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-4	499	05/29/08		F	CS	GENINORG	Perchlorate	CIO4	91.8	0.65	LANL Int BG LVL	0.05	918.0	5	ug/L	100	J	PE16a	SW-846:6850	GELC	
C5	10	10	06/23/05	12.6	17.7	14.2	10	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-4	499	05/29/08		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	12.6	0.89	LANL Int BG LVL	2.41	2.6	0.1	mg/L	10				EPA:353.2	GELC
C5	10	14	06/23/05	243	329	289	14	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-4	499	05/29/08		F	CS	GENINORG	Total Dissolved Solids	TDS	270	0.93	LANL Int BG LVL	127	1.1	2.4	mg/L	1				EPA:160.1	GELC
C5	10	10	06/23/05	6.7	29.4	16.1	10	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-4	499	05/29/08		F	CS	METALS	Chromium	Cr	6.7	0.42	LANL Int BG LVL	1	3.4	2.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC
C5	10	10	06/23/05	3.2	15.9	5.8	8	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-4	499	05/29/08		F	CS	METALS	Manganese	Mn	6	1.03	LANL Int BG LVL	2	1.5	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C5	10	10	06/23/05	2.2	5.1	2.9	10	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-4	499	05/29/08		F	CS	METALS	Nickel	Ni	2.5	0.86	LANL Int BG LVL	1	1.3	0.5	ug/L	1				SW-846:6020	GELC
C5	10	10	06/23/05	5.3	369	23.7	10	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-4	499	05/29/08		F	CS	METALS	Zinc	Zn	21	0.89	LANL Int BG LVL	2	5.3	2	ug/L	1				SW-846:6010B	GELC
C5	11	13	06/09/05	88.1	132	103	13	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-5	689	05/20/08		F	CS	GENINORG	Perchlorate	CIO4	88.3	0.86	LANL Int BG LVL	0.05	883.0	10	ug/L	200	J+	PE12f	SW-846:6850	GELC	
C5	7	7	07/07/06	112	260	211	7	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate Spring	Pine Rock Spring	0	02/20/08		F	CS	GENINORG	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	211	1.00	LANL Int BG LVL	52	2.0	0.73	mg/L	1				EPA:310.1	GELC
C5	7	7	07/07/06	0.343	0.449	0.381	7	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate Spring	Pine Rock Spring	0	02/20/08		F	CS	GENINORG	Bromide	Br(-1)	0.381	1.00	LANL Int BG LVL	0.03	6.4	0.067	mg/L	1				EPA:300.0	GELC
C5	7	7	07/07/06	98	124	108	7	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate Spring	Pine Rock Spring	0	02/20/08		F	CS	GENINORG	Calcium	Ca	107	0.99	LANL Int BG LVL	17.31	3.1	0.03	mg/L	1				SW-846:6010B	GELC
C5	7	7	07/07/06	67.6	79	73.9	7	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate Spring	Pine Rock Spring	0	02/20/08		F	CS	GENINORG	Chloride	Cl(-1)	68.2	0.92	LANL Int BG LVL	7.78	4.4	0.66	mg/L	10				EPA:300.0	GELC
C5	7	7	07/07/06	0.855	1.41	0.966	7	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate Spring	Pine Rock Spring	0	02/20/08		F	CS	GENINORG	Fluoride	F(-1)	0.966	1.00	LANL Int BG LVL	0.23	2.1	0.033	mg/L	1				EPA:300.0	GELC
C5	7	7	07/07/06	16.5	20.3	18.2	7	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate Spring	Pine Rock Spring	0	02/20/08		F	CS	GENINORG	Magnesium	Mg	17.2	0.95	LANL Int BG LVL	6.12	1.4	0.085	mg/L	1				SW-846:6010B	GELC
C5	7	7	07/07/06	38.7	45.9	40.8	7	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate Spring	Pine Rock Spring	0	02/20/08		F	CS	GENINORG	Sodium	Na	40.9	1.00	LANL Int BG LVL	12.19	1.7	0.045	mg/L	1				SW-846:6010B	GELC
C5	7	9	07/07/06	528	575	545	9	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate Spring	Pine Rock Spring	0	02/20/08		F	CS	GENINORG	Total Dissolved Solids	TDS	543	1.00	LANL Int BG LVL	127	2.1	2.4	mg/L	1				EPA:160.1	GELC
C5	7	7	07/07/06	79.4	120	97.9	7	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate Spring	Pine Rock Spring	0	02/20/08		F	CS	METALS	Boron	B	79.4	0.81	LANL Int BG LVL	15.12	2.6	10	ug/L	1				SW-846:6010B	GELC
C5	7	7	07/07/06	3.6	5.2	4.2	7	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate Spring	Pine Rock Spring	0	02/20/08		F	CS	METALS	Nickel	Ni	5.2	1.24	LANL Int BG LVL	1	2.6	0.5	ug/L	1				SW-846:6020	GELC
C5	7	7	07/07/06	561	689	614	7	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate Spring	Pine Rock Spring	0	02/20/08		F	CS	METALS	Strontium	Sr	614	1.00	LANL Int BG LVL	154.76	2.0	1	ug/L	1				SW-846:6010B	GELC
C5	7	7	07/07/06	22.3	32.6	28.8	7	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate Spring	Pine Rock Spring	0	02/20/08		F	CS	METALS	Uranium	U	28.8	1.00	LANL Int BG LVL	0.72	20.0	0.05	ug/L	1				SW-846:6020	GELC
C5	9	12	01/24/06	249	468	282	12	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	Test Well 8	953	05/17/08		F	CS	METALS	Zinc	Zn	270	0.96	LANL Reg BG LVL	3.89	34.7	2	ug/L	1				SW-846:6010B	GELC
C5	11	14	05/25/05	5.34	6.82	6.28	14	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-15	958.6	05/20/08		F	CS	GENINORG	Perchlorate	CIO4	5.59	0.89	LANL Reg BG LVL	0.46	6.1	0.5	ug/L	10	J+	PE12f	SW-846:6850	GELC	

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Fid QC Type Code	Fid Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Anyl Meth Code	Lab Code	
C5	15	18	02/24/00	1.89	3.31	2.31	18	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-15	958.6	05/20/08		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	1.89	0.82	LANL Reg BG LVL	0.89	1.1	0.05	mg/L	5				EPA:353.2	GELC	
C5	14	17	05/20/05	21.1	30.1	27.4	17	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-28	934.3	05/14/08		F	CS	GENINORG	Chloride	Cl(-1)	27.8	1.01	LANL Reg BG LVL	3.57	3.9	0.33	mg/L	5				EPA:300.0	GELC	
C5	14	17	05/20/05	8.68	10.6	10.1	17	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-28	934.3	05/14/08		F	CS	GENINORG	Magnesium	Mg	10.4	1.03	LANL Reg BG LVL	4.15	1.3	0.085	mg/L	1				SW-846:6010B	GELC	
C5	12	14	05/20/05	3.1	5.39	4.28	14	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-28	934.3	05/14/08		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	3.85	0.90	LANL Reg BG LVL	0.89	2.2	0.1	mg/L	10				EPA:353.2	GELC	
C5	14	17	05/20/05	38.1	43.3	41.4	17	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-28	934.3	05/14/08		F	CS	GENINORG	Sulfate	SO4(-2)	42.9	1.04	LANL Reg BG LVL	7.2	3.0	0.5	mg/L	5				EPA:300.0	GELC	
C5	15	19	05/20/05	310	446	404	19	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-28	934.3	05/14/08		F	CS	METALS	Chromium	Cr	438	1.08	LANL Reg BG LVL	5.75	38.1	13	ug/L	5				SW-846:6020	GELC	
C5	14	17	05/20/05	6.1	13	9.6	15	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-28	934.3	05/14/08		F	CS	METALS	Nickel	Ni	11.9	1.24	LANL Reg BG LVL	3.09	1.9	0.5	ug/L	1				SW-846:6020	GELC	
C5	11	17	12/19/05	7.8	56.9	10.4	9	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-16r	600	05/19/08	FD	F	CS	METALS	Zinc	Zn	12	1.15	LANL Reg BG LVL	3.89	1.5	2	ug/L	1				SW-846:6010B	GELC	
C5	11	17	12/19/05	7.8	56.9	10.4	9	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-16r	600	05/19/08		F	CS	METALS	Zinc	Zn	11.5	1.11	LANL Reg BG LVL	3.89	1.5	2	ug/L	1				SW-846:6010B	GELC	
C5	13	16	03/31/04	6.3	18.2	9.3	16	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-21	888.8	05/23/08		F	CS	METALS	Manganese	Mn	7.3	0.78	LANL Reg BG LVL	2.94	1.2	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C5	8	8	08/22/06	0.324	0.633	0.42	8	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Anderson Spring	0	12/10/07		F	CS	GENINORG	Perchlorate	CIO4	0.624	1.49	LANL Int BG LVL	0.05	6.2	0.05	ug/L	1				SW-846:6850	GELC	
C5	8	8	08/22/06	0.324	0.633	0.42	8	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Anderson Spring	0	03/10/08		F	CS	GENINORG	Perchlorate	CIO4	0.478	1.14	LANL Int BG LVL	0.05	4.8	0.05	ug/L	1				SW-846:6850	GELC	
C5	8	8	08/31/06	3.56	27.6	19.5	8	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Charlie's Spring	0	03/11/08		F	CS	GENINORG	Chloride	Cl(-1)	27.6	1.42	LANL Int BG LVL	7.78	1.8	0.33	mg/L	5				EPA:300.0	GELC	
C5	8	8	08/31/06	0.213	0.447	0.3	8	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Charlie's Spring	0	12/03/07		F	CS	GENINORG	Perchlorate	CIO4	0.364	1.21	LANL Int BG LVL	0.05	3.6	0.05	ug/L	1				SW-846:6850	GELC	
C5	8	8	08/31/06	0.213	0.447	0.3	8	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Charlie's Spring	0	03/11/08		F	CS	GENINORG	Perchlorate	CIO4	0.379	1.26	LANL Int BG LVL	0.05	3.8	0.05	ug/L	1				SW-846:6850	GELC	
C6	15	19	05/20/05	310	446	404	19	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-28	934.3	05/14/08		F	CS	METALS	Chromium	Cr	438	1.08	NM GW STD	50	17.5	13	ug/L	5				SW-846:6020	GELC	
August 2008																																
C5	7	9	09/14/04	46.3	302	108	9	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial Spring	TA-18 Spring	0	06/23/08		F	CS	METALS	Manganese	Mn	121	1.12	LANL Avi BG LVL	2	30.3	2	ug/L	1				SW-846:6010B	GELC	
C5	8	9	08/29/06	0.29	0.384	0.309	9	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-BG-1	10	06/20/08		F	CS	GENINORG	Perchlorate	CIO4	0.29	0.94	LANL Avi BG LVL	0.05	2.9	0.05	ug/L	1		J	PE16a	SW-846:6850	GELC	
C5	8	10	08/31/06	0.247	0.568	0.333	10	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-9	6	06/11/08		F	CS	GENINORG	Perchlorate	CIO4	0.263	0.79	LANL Avi BG LVL	0.05	2.6	0.05	ug/L	1				SW-846:6850	GELC	
C5	8	10	08/31/06	0.307	0.417	0.372	10	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-11	27	06/17/08		F	CS	GENINORG	Perchlorate	CIO4	0.328	0.88	LANL Avi BG LVL	0.05	3.3	0.05	ug/L	1				SW-846:6850	GELC	
C5	8	9	08/28/06	0.119	0.242	0.174	9	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	06/10/08		F	CS	GENINORG	Perchlorate	CIO4	0.119	0.68	LANL Avi BG LVL	0.05	1.2	0.05	ug/L	1	J	J	PE16a	SW-846:6850	GELC	
C5	8	9	08/28/06	45.1	96.3	62.1	9	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	06/10/08		F	CS	GENINORG	Sodium	Na	46.3	0.75	LANL Avi BG LVL	15.54	1.5	0.045	mg/L	1				SW-846:6010B	GELC	
C5	7	8	08/30/05	20.5	56.9	38.5	8	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCO-2	1.5	06/10/08		F	CS	GENINORG	Sodium	Na	41.8	1.09	LANL Avi BG LVL	15.54	1.3	0.045	mg/L	1				SW-846:6010B	GELC	
C5	7	8	08/30/05	20.5	56.9	38.5	8	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	PCO-2	1.5	06/10/08	FD	F	CS	GENINORG	Sodium	Na	41.1	1.07	LANL Avi BG LVL	15.54	1.3	0.045	mg/L	1				SW-846:6010B	GELC	
C5	9	9	06/21/05	0.279	0.474	0.364	9	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	PC Spring	0	06/13/08		F	CS	GENINORG	Perchlorate	CIO4	0.374	1.03	LANL Int BG LVL	0.05	3.7	0.05	ug/L	1				SW-846:6850	GELC	
C5	9	17	06/20/05	0.178	0.405	0.289	17	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Homestead Spring	0	06/24/08		F	CS	GENINORG	Perchlorate	CIO4	0.245	0.85	LANL Int BG LVL	0.05	2.5	0.05	ug/L	1		J	PE16a	SW-846:6850	GELC	
C5	9	17	06/20/05	0.178	0.405	0.289	17	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Homestead Spring	0	06/24/08	FD	F	CS	GENINORG	Perchlorate	CIO4	0.256	0.89	LANL Int BG LVL	0.05	2.6	0.05	ug/L	1		J	PE16a	SW-846:6850	GELC	
C5	9	9	06/21/05	0.217	0.457	0.301	9	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Starmer Spring	0	06/24/08		F	CS	GENINORG	Perchlorate	CIO4	0.266	0.88	LANL Int BG LVL	0.05	2.7	0.05	ug/L	1		J	PE16a	SW-846:6850	GELC	
C5	8	8	08/22/06	0.324	0.633	0.42	8	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Anderson Spring	0	06/10/08		F	CS	GENINORG	Perchlorate	CIO4	0.422	1.00	LANL Int BG LVL	0.05	4.2	0.05	ug/L	1		J+	PE12f	SW-846:6850	GELC	
C5	8	8	08/22/06	1.5	9.3	5.4	8	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Anderson Spring	0	06/10/08		F	CS	METALS	Chromium	Cr	5	0.93	LANL Int BG LVL	1	2.5	2.5	ug/L	1	J	J	J_LAB	SW-846:6020	GELC	
C5	9	9	06/20/05	0.377	0.572	0.451	9	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Kieling Spring	0	06/10/08		F	CS	GENINORG	Perchlorate	CIO4	0.451	1.00	LANL Int BG LVL	0.05	4.5	0.05	ug/L	1		J+	PE12f	SW-846:6850	GELC	
C5	8	8	08/31/06	0.213	0.447	0.3	8	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Charlie's Spring	0	06/19/08		F	CS	GENINORG	Perchlorate	CIO4	0.234	0.78	LANL Int BG LVL	0.05	2.3	0.05	ug/L	1		J	PE16a	SW-846:6850	GELC	
C5	9	9	06/22/05	0.606	0.837	0.663	9	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Bulldog Spring	0	06/10/08		F	CS	GENINORG	Perchlorate	CIO4	0.663	1.00	LANL Int BG LVL	0.05	6.6	0.05	ug/L	1		J+	PE12f	SW-846:6850	GELC	
C5	8	8	08/23/06	52.1	566	213	8	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-10	20.6	06/12/08		F	CS	GENINORG	Chloride	Cl(-1)	307	1.44	LANL Int BG LVL	7.78	19.7	3.3	mg/L	50				EPA:300.0	GELC	

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Fid QC Type Code	Fid Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Anyl Meth Code	Lab Code	
C5	9	9	06/27/06	40.3	291	93.1	9	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-10	20.6	06/12/08		F	CS	GENINORG	Sodium	Na	205	2.20	LANL Int BG LVL	12.19	8.4	0.045	mg/L	1			SW-846:6010B	GELC		
C5	8	10	08/23/06	204	1200	494	10	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-10	20.6	06/12/08		F	CS	GENINORG	Total Dissolved Solids	TDS	678	1.37	LANL Int BG LVL	127	2.7	2.4	mg/L	1			EPA:160.1	GELC		
C5	9	9	06/27/06	43.7	416	132	9	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-10	20.6	06/12/08		F	CS	METALS	Barium	Ba	184	1.39	LANL Int BG LVL	71.83	1.3	1	ug/L	1			SW-846:6010B	GELC		
C5	9	9	06/27/06	5.2	300	16.7	9	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-10	20.6	06/12/08		F	CS	METALS	Manganese	Mn	24.9	1.49	LANL Int BG LVL	2	6.2	2	ug/L	1			SW-846:6010B	GELC		
C5	9	9	06/27/06	1.1	12.6	2.8	9	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-10	20.6	06/12/08		F	CS	METALS	Nickel	Ni	2.8	1.00	LANL Int BG LVL	1	1.4	0.5	ug/L	1			SW-846:6020	GELC		
C5	9	9	06/27/06	6.4	50.8	10.4	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-10	20.6	06/12/08		F	CS	METALS	Zinc	Zn	10.4	1.00	LANL Int BG LVL	2	2.6	2	ug/L	1			SW-846:6010B	GELC		
C5	9	12	06/23/06	43.2	610	208.5	12	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	06/12/08	FD	F	CS	GENINORG	Chloride	Cl(-1)	313	1.50	LANL Int BG LVL	7.78	20.1	3.3	mg/L	50			EPA:300.0	GELC		
C5	9	12	06/23/06	43.2	610	208.5	12	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	06/12/08		F	CS	GENINORG	Chloride	Cl(-1)	319	1.53	LANL Int BG LVL	7.78	20.5	3.3	mg/L	50			EPA:300.0	GELC		
C5	9	12	06/23/06	44.3	347	146.8	12	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	06/12/08	FD	F	CS	GENINORG	Sodium	Na	220	1.50	LANL Int BG LVL	12.19	9.0	0.045	mg/L	1			SW-846:6010B	GELC		
C5	9	12	06/23/06	44.3	347	146.8	12	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	06/12/08		F	CS	GENINORG	Sodium	Na	210	1.43	LANL Int BG LVL	12.19	8.6	0.045	mg/L	1			SW-846:6010B	GELC		
C5	9	18	06/23/06	184	1230	295	18	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	06/12/08		F	CS	GENINORG	Total Dissolved Solids	TDS	697	2.36	LANL Int BG LVL	127	2.7	2.4	mg/L	1			EPA:160.1	GELC		
C5	9	18	06/23/06	184	1230	295	18	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	06/12/08	FD	F	CS	GENINORG	Total Dissolved Solids	TDS	690	2.34	LANL Int BG LVL	127	2.7	2.4	mg/L	1			EPA:160.1	GELC		
C5	9	12	06/23/06	44.4	414	175	12	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	06/12/08	FD	F	CS	METALS	Barium	Ba	185	1.06	LANL Int BG LVL	71.83	1.3	1	ug/L	1			SW-846:6010B	GELC		
C5	9	12	06/23/06	44.4	414	175	12	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	06/12/08		F	CS	METALS	Barium	Ba	181	1.03	LANL Int BG LVL	71.83	1.3	1	ug/L	1			SW-846:6010B	GELC		
C5	9	12	06/23/06	4.5	681	33.9	12	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	06/12/08	FD	F	CS	METALS	Manganese	Mn	45	1.33	LANL Int BG LVL	2	11.3	2	ug/L	1			SW-846:6010B	GELC		
C5	9	12	06/23/06	4.5	681	33.9	12	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	06/12/08		F	CS	METALS	Manganese	Mn	46	1.36	LANL Int BG LVL	2	11.5	2	ug/L	1			SW-846:6010B	GELC		
C5	9	12	06/23/06	1.5	14.5	2.8	12	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	06/12/08	FD	F	CS	METALS	Nickel	Ni	2.9	1.04	LANL Int BG LVL	1	1.5	0.5	ug/L	1			SW-846:6020	GELC		
C5	9	12	06/23/06	1.5	14.5	2.8	12	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	06/12/08		F	CS	METALS	Nickel	Ni	2.6	0.93	LANL Int BG LVL	1	1.3	0.5	ug/L	1			SW-846:6020	GELC		
C5	9	12	06/23/06	3.3	64.9	13	11	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	06/12/08		F	CS	METALS	Zinc	Zn	12.1	0.93	LANL Int BG LVL	2	3.0	2	ug/L	1			SW-846:6010B	GELC		
C5	9	12	06/23/06	3.3	64.9	13	11	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	06/12/08	FD	F	CS	METALS	Zinc	Zn	13	1.00	LANL Int BG LVL	2	3.3	2	ug/L	1			SW-846:6010B	GELC		
C5	7	8	10/03/06	0.146	0.24	0.197	8	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-23i	470.2	06/11/08		F	CS	GENINORG	Perchlorate	CIO4	0.24	1.22	LANL Int BG LVL	0.05	2.4	0.05	ug/L	1			SW-846:6850	GELC		
C5	10	14	03/01/04	0.346	4.87	1.053	12	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-32	870.9	06/09/08		UF	CS	GENINORG	Total Organic Carbon	TOC	4.3	4.08	LANL Reg BG LVL	0.33	6.5	0.33	mg/L	1			SW-846:9060	GELC		
C5	10	14	03/01/04	0.346	4.87	1.053	12	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-32	870.9	06/09/08	FD	UF	CS	GENINORG	Total Organic Carbon	TOC	4.87	4.62	LANL Reg BG LVL	0.33	7.4	0.33	mg/L	1			SW-846:9060	GELC		
C5	12	16	03/01/04	2.6	73.8	11.2	13	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-32	870.9	06/09/08		F	CS	METALS	Manganese	Mn	19.7	1.76	LANL Reg BG LVL	2.94	3.4	2	ug/L	1			SW-846:6010B	GELC		
C5	12	16	03/01/04	2.6	73.8	11.2	13	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-32	870.9	06/09/08	FD	F	CS	METALS	Manganese	Mn	20.4	1.82	LANL Reg BG LVL	2.94	3.5	2	ug/L	1			SW-846:6010B	GELC		
C5	12	16	03/01/04	3.1	103	44.8	12	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-32	870.9	06/09/08	FD	F	CS	METALS	Zinc	Zn	87.9	1.96	LANL Reg BG LVL	3.89	11.3	2	ug/L	1			SW-846:6010B	GELC		
C5	12	16	03/01/04	3.1	103	44.8	12	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-32	870.9	06/09/08		F	CS	METALS	Zinc	Zn	82.1	1.83	LANL Reg BG LVL	3.89	10.6	2	ug/L	1			SW-846:6010B	GELC		
C5	12	21	12/17/03	0.555	1.51	0.868	18	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-23	816	06/09/08		UF	CS	GENINORG	Total Organic Carbon	TOC	0.896	1.03	LANL Reg BG LVL	0.33	1.4	0.33	mg/L	1	J	J	J_LAB	SW-846:9060	GELC	
Sept 2008																																
C5	24	27	10/24/01	1.22	2.97	2	27	Pueblo Canyon (includes Acid Canyon)	Water Supply	O-1	1017	05/20/08		UF	CS	GENINORG	Perchlorate	CIO4	1.71	0.86	LANL Reg BG LVL	0.05	17.1	0.2	ug/L	4			SW-846:6850	GELC		
C5	22	24	10/24/01	0.354	0.55	0.38	23	Upper Los Alamos Canyon (includes DP Canyon)	Water Supply	O-4	1115	05/20/08		UF	CS	GENINORG	Perchlorate	CIO4	0.366	0.96	LANL Reg BG LVL	0.05	3.7	0.05	ug/L	1			SW-846:6850	GELC		
C5	5	6	02/13/07	0.182	0.555	0.471	6	Sandia Canyon	Alluvial	SCA-2	10.3	08/11/08		F	CS	GENINORG	Bromide	Br(-1)	0.182	0.39	LANL Avl BG LVL	0.07	1.3	0.067	mg/L	1	J	J	J_LAB	EPA:300.0	GELC	
C5	5	6	02/13/07	0.164	0.795	0.404	6	Sandia Canyon	Alluvial	SCA-2	10.3	08/11/08		F	CS	GENINORG	Perchlorate	CIO4	0.164	0.41	LANL Avl BG LVL	0.05	1.6	0.05	ug/L	1	J	J	J_LAB	SW-846:6850	GELC	
C5	5	7	02/13/07	10.8	17.3	12.6	7	Sandia Canyon	Alluvial	SCA-2	10.3	08/11/08		F	CS	GENINORG	Potassium	K	12	0.95	LANL Avl BG LVL	5.21	1.2	0.05	mg/L	1	N	J+	I6b	SW-846:6010B	GELC	
C5	5	7	02/13/07	46.1	157	111	7	Sandia Canyon	Alluvial	SCA-2	10.3	08/11/08		F	CS	GENINORG	Sodium	Na	46.1	0.42	LANL Avl BG LVL	15.54	1.5	0.045	mg/L	1			SW-846:6010B	GELC		
C5	4	5	02/13/07	0.294	2.75	2.45	5	Sandia Canyon	Alluvial	SCA-2	10.3	08/11/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	2.64	1.08	LANL Avl BG LVL	0.05	26.4	0.24	mg/L	10			EPA:365.4	GELC		
C5	5	6	02/13/07	295	750	484	6	Sandia Canyon	Alluvial	SCA-2	10.3	08/11/08		F	CS	GENINORG	Total Dissolved Solids	TDS	295	0.61	LANL Avl BG LVL	139	1.1	2.4	mg/L	1			EPA:160.1	GELC		
C5	5	7	02/13/07	5.6	10	7.5	5	Sandia Canyon	Alluvial	SCA-2	10.3	08/11/08		F	CS	METALS	Chromium	Cr	9.5	1.27	LANL Avl BG LVL	1	4.8	1.5	ug/L	1			SW-846:6020	GELC		
C5	5	7	02/13/07	7.5	13.1	12.5	5	Sandia Canyon	Alluvial	SCA-2	10.3	08/11/08		F	CS	METALS	Molybdenum	Mo	13.1	1.05	LANL Avl BG LVL	2	3.3	0.1	ug/L	1			SW-846:6020	GELC		

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Fid QC Type Code	Fid Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Anyl Meth Code	Lab Code
C5	5	7	02/13/07	10.5	195	25.1	7	Sandia Canyon	Alluvial	SCA-2	10.3	08/11/08		F	CS	METALS	Zinc	Zn	80.1	3.19	LANL Avl BG LVL	2	20.0	2	ug/L	1				SW-846:6010B	GELC
C5	5	5	06/18/07	0.394	1.69	0.437	5	Sandia Canyon	Alluvial	SCA-4	37	08/11/08		F	CS	GENINORG	Perchlorate	CIO4	0.437	1.00	LANL Avl BG LVL	0.05	4.4	0.05	ug/L	1				SW-846:6850	GELC
C5	5	5	06/18/07	0.543	1.07	0.929	5	Sandia Canyon	Alluvial	SCA-4	37	08/11/08		F	CS	GENINORG	Fluoride	F(-1)	0.646	0.70	LANL Avl BG LVL	0.27	1.2	0.033	mg/L	1				EPA:300.0	GELC
C5	5	5	06/18/07	1.18	729	1.75	5	Sandia Canyon	Alluvial	SCA-4	37	08/11/08		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	1.18	0.67	LANL Avl BG LVL	0.57	1.0	0.05	mg/L	5				EPA:353.2	GELC
C5	5	5	06/18/07	75.9	100	94.4	5	Sandia Canyon	Alluvial	SCA-4	37	08/11/08		F	CS	GENINORG	Sodium	Na	94.4	1.00	LANL Avl BG LVL	15.54	3.0	0.045	mg/L	1				SW-846:6010B	GELC
C5	5	5	06/18/07	2.52	4.08	3.61	5	Sandia Canyon	Alluvial	SCA-4	37	08/11/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	2.52	0.70	LANL Avl BG LVL	0.05	25.2	0.024	mg/L	1				EPA:365.4	GELC
C5	5	5	06/18/07	303	400	328	5	Sandia Canyon	Alluvial	SCA-4	37	08/11/08		F	CS	GENINORG	Total Dissolved Solids	TDS	400	1.22	LANL Avl BG LVL	139	1.4	2.4	mg/L	1				EPA:160.1	GELC
C5	5	5	06/18/07	14.5	67	50.7	5	Sandia Canyon	Alluvial	SCA-4	37	08/11/08		F	CS	METALS	Molybdenum	Mo	14.5	0.29	LANL Avl BG LVL	2	3.6	0.1	ug/L	1				SW-846:6020	GELC
C5	5	5	06/18/07	8.1	13.7	10.2	4	Sandia Canyon	Alluvial	SCA-4	37	08/11/08		F	CS	METALS	Vanadium	V	13.7	1.34	LANL Avl BG LVL	1	6.9	1	ug/L	1	J	I4a		SW-846:6010B	GELC
C5	5	5	06/16/05	0.235	0.363	0.276	3	Sandia Canyon	Intermediate	R-12	468.1	08/20/08		F	CS	GENINORG	Perchlorate	CIO4	0.235	0.85	LANL Int BG LVL	0.05	2.4	0.05	ug/L	1				SW-846:6850	GELC
C5	9	9	09/18/00	37.3	122	70.8	8	Sandia Canyon	Intermediate	R-12	468.1	08/20/08		F	CS	METALS	Boron	B	37.3	0.53	LANL Int BG LVL	15.12	1.2	10	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C5	9	9	09/18/00	35.8	860	200	9	Sandia Canyon	Intermediate	R-12	468.1	08/20/08		F	CS	METALS	Manganese	Mn	190	0.95	LANL Int BG LVL	2	47.5	2	ug/L	1				SW-846:6010B	GELC
C5	9	9	09/18/00	0.91000026	5.100000381	2.52	8	Sandia Canyon	Intermediate	R-12	468.1	08/20/08		F	CS	METALS	Nickel	Ni	3	1.19	LANL Int BG LVL	1	1.5	0.5	ug/L	1				SW-846:6020	GELC
C5	9	9	09/18/00	1.599999905	204	66.2	4	Sandia Canyon	Intermediate	R-12	468.1	08/20/08		F	CS	METALS	Zinc	Zn	24.4	0.37	LANL Int BG LVL	2	6.1	2	ug/L	1	J	I4a		SW-846:6010B	GELC
C5	20	22	10/24/01	0.401	0.52	0.445	20	Sandia Canyon	Water Supply	PM-1	945	05/20/08		UF	CS	GENINORG	Perchlorate	CIO4	0.445	1.00	LANL Reg BG LVL	0.05	4.5	0.05	ug/L	1				SW-846:6850	GELC
C5	23	29	10/24/01	0.366	0.58	0.416	28	Sandia Canyon	Water Supply	PM-3	956	05/20/08		UF	CS	GENINORG	Perchlorate	CIO4	0.435	1.05	LANL Reg BG LVL	0.05	4.4	0.05	ug/L	1				SW-846:6850	GELC
C5	23	29	10/24/01	0.366	0.58	0.416	28	Sandia Canyon	Water Supply	PM-3	956	05/20/08	FD	UF	CS	GENINORG	Perchlorate	CIO4	0.431	1.04	LANL Reg BG LVL	0.05	4.3	0.05	ug/L	1				SW-846:6850	GELC
C5	5	7	07/17/00	3.871000051	77.5	22.8	7	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-2	2	08/13/08	FD	F	CS	GENINORG	Potassium	K	22.8	1.00	LANL Avl BG LVL	5.21	2.2	0.05	mg/L	1				SW-846:6010B	GELC
C5	5	7	07/17/00	3.871000051	77.5	22.8	7	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-2	2	08/13/08		F	CS	GENINORG	Potassium	K	21.9	0.96	LANL Avl BG LVL	5.21	2.1	0.05	mg/L	1				SW-846:6010B	GELC
C5	5	7	07/17/00	36.05599976	945	120	7	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-2	2	08/13/08		F	CS	GENINORG	Sodium	Na	108	0.90	LANL Avl BG LVL	15.54	3.5	0.045	mg/L	1				SW-846:6010B	GELC
C5	5	7	07/17/00	36.05599976	945	120	7	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-2	2	08/13/08	FD	F	CS	GENINORG	Sodium	Na	110	0.92	LANL Avl BG LVL	15.54	3.5	0.045	mg/L	1				SW-846:6010B	GELC
C5	6	8	07/17/00	338	3800	634	8	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-2	2	08/13/08		F	CS	GENINORG	Total Dissolved Solids	TDS	540	0.85	LANL Avl BG LVL	139	1.9	2.4	mg/L	1				EPA:160.1	GELC
C5	6	8	07/17/00	338	3800	634	8	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-2	2	08/13/08	FD	F	CS	GENINORG	Total Dissolved Solids	TDS	479	0.76	LANL Avl BG LVL	139	1.7	2.4	mg/L	1				EPA:160.1	GELC
C5	5	7	07/17/00	1.9	12.3	3.8	6	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-2	2	08/13/08	FD	F	CS	METALS	Cobalt	Co	5	1.32	LANL Avl BG LVL	0.5	5.0	1	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C5	5	7	07/17/00	1.9	12.3	3.8	6	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-2	2	08/13/08		F	CS	METALS	Cobalt	Co	4.8	1.26	LANL Avl BG LVL	0.5	4.8	1	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C5	5	7	07/17/00	3.8	52.8	18.2	7	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-2	2	08/13/08	FD	F	CS	METALS	Chromium	Cr	52.8	2.90	LANL Avl BG LVL	1	26.4	1.5	ug/L	1	J	I4a		SW-846:6020	GELC
C5	5	7	07/17/00	3.8	52.8	18.2	7	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-2	2	08/13/08		F	CS	METALS	Chromium	Cr	44.2	2.43	LANL Avl BG LVL	1	22.1	1.5	ug/L	1	J	I4a		SW-846:6020	GELC
C5	5	7	07/17/00	181	2530	530	7	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-2	2	08/13/08	FD	F	CS	METALS	Manganese	Mn	245	0.46	LANL Avl BG LVL	2	61.3	2	ug/L	1				SW-846:6010B	GELC
C5	5	7	07/17/00	181	2530	530	7	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-2	2	08/13/08		F	CS	METALS	Manganese	Mn	224	0.42	LANL Avl BG LVL	2	56.0	2	ug/L	1				SW-846:6010B	GELC
C5	5	7	07/17/00	9	400.9999931	326	7	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-2	2	08/13/08		F	CS	METALS	Molybdenum	Mo	333	1.02	LANL Avl BG LVL	2	83.3	0.1	ug/L	1				SW-846:6020	GELC
C5	5	7	07/17/00	9	400.9999931	326	7	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-2	2	08/13/08	FD	F	CS	METALS	Molybdenum	Mo	326	1.00	LANL Avl BG LVL	2	81.5	0.1	ug/L	1				SW-846:6020	GELC
C5	5	7	07/17/00	3.8	14.1	7.1	6	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-2	2	08/13/08		F	CS	METALS	Nickel	Ni	6.6	0.93	LANL Avl BG LVL	1	3.3	0.5	ug/L	1				SW-846:6020	GELC
C5	5	7	07/17/00	3.8	14.1	7.1	6	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-2	2	08/13/08	FD	F	CS	METALS	Nickel	Ni	7.9	1.11	LANL Avl BG LVL	1	4.0	0.5	ug/L	1				SW-846:6020	GELC
C5	5	7	07/17/00	7.6	248	24.6	6	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-2	2	08/13/08	FD	F	CS	METALS	Zinc	Zn	248	10.08	LANL Avl BG LVL	2	62.0	2	ug/L	1				SW-846:6010B	GELC
C5	5	7	07/17/00	7.6	248	24.6	6	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-2	2	08/13/08		F	CS	METALS	Zinc	Zn	239	9.72	LANL Avl BG LVL	2	59.8	2	ug/L	1				SW-846:6010B	GELC
C5	13	18	06/14/05	1.26	4.15	2.55	18	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-3	2	08/15/08		F	CS	GENINORG	Perchlorate	CIO4	4.15	1.63	LANL Avl BG LVL	0.05	41.5	0.25	ug/L	5				SW-846:6850	GELC
C5	8	8	05/03/05	10.3	24.4	21.3	8	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-5	21	08/15/08		F	CS	GENINORG	Perchlorate	CIO4	10.3	0.48	LANL Avl BG LVL	0.05	103.0	1	ug/L	20				SW-846:6850	GELC
C5	13	14	08/02/01	0.714	1.18	0.949	14	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-5	21	08/15/08		F	CS	GENINORG	Fluoride	F(-1)	0.714	0.75	LANL Avl BG LVL	0.27	1.3	0.033	mg/L	1	J-	I6a		EPA:300.0	GELC
C5	12	13	08/02/01	12.1	15.7	15	13	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-5	21	08/15/08		F	CS	GENINORG	Potassium	K	12.3	0.82	LANL Avl BG LVL	5.21	1.2	0.05	mg/L	1				SW-846:6010B	GELC
C5	12	13	08/02/01	46.3	77.4	58.8	13	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-5	21	08/15/08		F	CS	GENINORG	Sodium	Na	52.3	0.89	LANL Avl BG LVL	15.54	1.7	0.045	mg/L	1				SW-846:6010B	GELC
C5	12	13	08/02/01	24.9	81.3	59.1	13	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-5	21	08/15/08		F	CS	METALS	Molybdenum	Mo	24.9	0.42	LANL Avl BG LVL	2	6.2	0.1	ug/L	1				SW-846:6020	GELC

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Fid QC Type Code	Fid Prep Code	Lab Sample Type Code	Any1 Suite Code	Analyte Desc	Analyte	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Any1 Meth Code	Lab Code
C5	18	23	04/27/05	7.39	31.7	22.4	23	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-6	27	08/19/08		F	CS	GENINORG	Perchlorate	CIO4	7.39	0.33	LANL Avl BG LVL	0.05	73.9	1	ug/L	20	J	PE7d	SW-846:6850	GELC	
C5	39	47	02/24/00	0.852	1.51	1.1	47	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-6	27	08/19/08		F	CS	GENINORG	Fluoride	F(-1)	0.893	0.81	LANL Avl BG LVL	0.27	1.7	0.033	mg/L	1			EPA:300.0	GELC	
C5	13	16	08/06/01	13.4	16.6	15.4	16	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-6	27	08/19/08		F	CS	GENINORG	Potassium	K	15.4	1.00	LANL Avl BG LVL	5.21	1.5	0.05	mg/L	1			SW-846:6010B	GELC	
C5	13	16	08/06/01	50.3	71.3	63.3	16	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-6	27	08/19/08		F	CS	GENINORG	Sodium	Na	51.9	0.82	LANL Avl BG LVL	15.54	1.7	0.045	mg/L	1			SW-846:6010B	GELC	
C5	13	16	08/06/01	27.1	89.7	59.1	16	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-6	27	08/19/08		F	CS	METALS	Molybdenum	Mo	27.1	0.46	LANL Avl BG LVL	2	6.8	0.1	ug/L	1			SW-846:6020	GELC	
C5	17	22	04/28/05	10.1	47.5	27.3	22	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-7	39	08/19/08		F	CS	GENINORG	Perchlorate	CIO4	10.1	0.37	LANL Avl BG LVL	0.05	101.0	1	ug/L	20	J	PE7d	SW-846:6850	GELC	
C5	40	49	02/24/00	1.07	2.13	1.36	48	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-7	39	08/19/08		F	CS	GENINORG	Fluoride	F(-1)	1.39	1.02	LANL Avl BG LVL	0.27	2.6	0.033	mg/L	1			EPA:300.0	GELC	
C5	13	15	08/07/01	11.5	19.4	16.6	15	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-7	39	08/19/08		F	CS	GENINORG	Potassium	K	15.6	0.94	LANL Avl BG LVL	5.21	1.5	0.05	mg/L	1			SW-846:6010B	GELC	
C5	13	15	08/07/01	43.1	79.3	72.2	15	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-7	39	08/19/08		F	CS	GENINORG	Sodium	Na	43.1	0.60	LANL Avl BG LVL	15.54	1.4	0.045	mg/L	1			SW-846:6010B	GELC	
C5	14	16	08/07/01	0.04	0.416	0.294	16	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-7	39	08/19/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	0.313	1.06	LANL Avl BG LVL	0.05	3.1	0.024	mg/L	1			EPA:365.4	GELC	
C5	13	15	08/07/01	154	211	189	15	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-7	39	08/19/08		F	CS	METALS	Barium	Ba	161	0.85	LANL Avl BG LVL	68.57	1.2	1	ug/L	1			SW-846:6010B	GELC	
C5	13	15	08/07/01	34.6	92.1	74.7	15	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-7	39	08/19/08		F	CS	METALS	Molybdenum	Mo	34.6	0.46	LANL Avl BG LVL	2	8.7	0.1	ug/L	1			SW-846:6020	GELC	
C5	9	12	04/28/05	16.4	58	26.4	12	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-7.5	35	08/14/08		F	CS	GENINORG	Perchlorate	CIO4	16.4	0.62	LANL Avl BG LVL	0.05	164.0	1.3	ug/L	25			SW-846:6850	GELC	
C5	9	12	04/28/05	16.4	58	26.4	12	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-7.5	35	08/14/08	FD	F	CS	GENINORG	Perchlorate	CIO4	16.9	0.64	LANL Avl BG LVL	0.05	169.0	1.3	ug/L	25			SW-846:6850	GELC	
C5	11	15	08/07/01	1.33	1.77	1.42	15	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-7.5	35	08/14/08	FD	F	CS	GENINORG	Fluoride	F(-1)	1.33	0.94	LANL Avl BG LVL	0.27	2.5	0.033	mg/L	1			EPA:300.0	GELC	
C5	11	15	08/07/01	1.33	1.77	1.42	15	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-7.5	35	08/14/08		F	CS	GENINORG	Fluoride	F(-1)	1.34	0.94	LANL Avl BG LVL	0.27	2.5	0.033	mg/L	1			EPA:300.0	GELC	
C5	11	14	08/07/01	7.07	16.6	12.2	14	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-7.5	35	08/14/08	FD	F	CS	GENINORG	Potassium	K	13.1	1.07	LANL Avl BG LVL	5.21	1.3	0.05	mg/L	1			SW-846:6010B	GELC	
C5	11	14	08/07/01	7.07	16.6	12.2	14	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-7.5	35	08/14/08		F	CS	GENINORG	Potassium	K	13.2	1.08	LANL Avl BG LVL	5.21	1.3	0.05	mg/L	1			SW-846:6010B	GELC	
C5	11	14	08/07/01	1.39	7.85	2.3	14	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-7.5	35	08/14/08	FD	F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	1.7	0.74	LANL Avl BG LVL	0.57	1.5	0.05	mg/L	5	J-	I6a	EPA:353.2	GELC	
C5	11	14	08/07/01	1.39	7.85	2.3	14	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-7.5	35	08/14/08		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	1.82	0.79	LANL Avl BG LVL	0.57	1.6	0.05	mg/L	5	J-	I6a	EPA:353.2	GELC	
C5	11	14	08/07/01	54	83.5	62.5	14	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-7.5	35	08/14/08	FD	F	CS	GENINORG	Sodium	Na	55.9	0.89	LANL Avl BG LVL	15.54	1.8	0.045	mg/L	1			SW-846:6010B	GELC	
C5	11	14	08/07/01	54	83.5	62.5	14	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-7.5	35	08/14/08		F	CS	GENINORG	Sodium	Na	54	0.86	LANL Avl BG LVL	15.54	1.7	0.045	mg/L	1			SW-846:6010B	GELC	
C5	11	14	08/07/01	116	174	163	14	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-7.5	35	08/14/08	FD	F	CS	METALS	Barium	Ba	168	1.03	LANL Avl BG LVL	68.57	1.2	1	ug/L	1			SW-846:6010B	GELC	
C5	11	14	08/07/01	116	174	163	14	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-7.5	35	08/14/08		F	CS	METALS	Barium	Ba	164	1.01	LANL Avl BG LVL	68.57	1.2	1	ug/L	1			SW-846:6010B	GELC	
C5	11	14	08/07/01	44.1	108	60.7	14	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-7.5	35	08/14/08		F	CS	METALS	Molybdenum	Mo	44.1	0.73	LANL Avl BG LVL	2	11.0	0.1	ug/L	1			SW-846:6020	GELC	
C5	11	14	08/07/01	44.1	108	60.7	14	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-7.5	35	08/14/08	FD	F	CS	METALS	Molybdenum	Mo	44.3	0.73	LANL Avl BG LVL	2	11.1	0.1	ug/L	1			SW-846:6020	GELC	
C5	11	14	08/07/01	2.1	8.08	2.6	14	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-7.5	35	08/14/08	FD	F	CS	METALS	Nickel	Ni	2.1	0.81	LANL Avl BG LVL	1	1.1	0.5	ug/L	1			SW-846:6020	GELC	
C5	11	14	08/07/01	2.1	8.08	2.6	14	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-7.5	35	08/14/08		F	CS	METALS	Nickel	Ni	2.1	0.81	LANL Avl BG LVL	1	1.1	0.5	ug/L	1			SW-846:6020	GELC	
C5	12	18	06/15/05	0.212	0.477	0.303	16	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-6	686	05/20/08		F	CS	GENINORG	Bromide	Br(-1)	0.409	1.35	LANL Int BG LVL	0.03	6.8	0.067	mg/L	1			EPA:300.0	GELC	
C5	12	18	06/15/05	42.8	59.9	47.8	18	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-6	686	05/20/08		F	CS	GENINORG	Calcium	Ca	59.9	1.25	LANL Int BG LVL	17.31	1.7	0.03	mg/L	1			SW-846:6010B	GELC	
C5	12	18	06/15/05	21.2	34.8	22.9	18	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-6	686	05/20/08		F	CS	GENINORG	Chloride	Cl(-1)	32.6	1.42	LANL Int BG LVL	7.78	2.1	0.66	mg/L	10			EPA:300.0	GELC	
C5	12	18	06/15/05	131	246	180	18	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-6	686	05/20/08		F	CS	GENINORG	Perchlorate	CIO4	168	0.93	LANL Int BG LVL	0.05	1680.0	20	ug/L	400			SW-846:6850	GELC	
C5	12	18	06/15/05	0.47	0.635	0.537	17	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-6	686	05/20/08		F	CS	GENINORG	Fluoride	F(-1)	0.47	0.88	LANL Int BG LVL	0.23	1.0	0.033	mg/L	1			EPA:300.0	GELC	
C5	12	19	06/15/05	14.2	20.4	18.3	19	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-6	686	05/20/08		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	17.9	0.98	LANL Int BG LVL	2.41	3.7	0.5	mg/L	50	J	I4a	EPA:353.2	GELC	
C5	12	19	06/15/05	14.2	20.4	18.3	19	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-6	686	05/20/08		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	17.9	0.98	LANL Int BG LVL	2.41	3.7	0.5	mg/L	50	J	I4a	EPA:353.2	GELC	

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Fid QC Type Code	Fid Prep Code	Lab Sample Type Code	Any1 Suite Code	Analyte Desc	Analyte	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Any1 Meth Code	Lab Code
C5	12	26	06/15/05	298	395	345	26	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-6	686	05/20/08		F	CS	GENINORG	Total Dissolved Solids	TDS	395	1.14	LANL Int BG LVL	127	1.6	2.4	mg/L	1			EPA:160.1	GELC	
C5	12	18	06/15/05	29.4	58.2	41.2	18	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-6	686	05/20/08		F	CS	METALS	Chromium	Cr	30.5	0.74	LANL Int BG LVL	1	15.3	2.5	ug/L	1			SW-846:6020	GELC	
C5	12	18	06/15/05	2.9	8.9	5.3	18	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-6	686	05/20/08		F	CS	METALS	Nickel	Ni	4.9	0.92	LANL Int BG LVL	1	2.5	0.5	ug/L	1			SW-846:6020	GELC	
C5	12	18	06/15/05	26	151	81	18	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-6	686	05/20/08		F	CS	METALS	Zinc	Zn	33.5	0.41	LANL Int BG LVL	2	8.4	2	ug/L	1			SW-846:6010B	GELC	
C5	7	7	07/07/06	112	260	211	7	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate Spring	Pine Rock Spring	0	05/28/08		F	CS	GENINORG	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	203	0.96	LANL Int BG LVL	52	2.0	0.73	mg/L	1			EPA:310.1	GELC	
C5	7	7	07/07/06	0.343	0.449	0.381	7	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate Spring	Pine Rock Spring	0	05/28/08		F	CS	GENINORG	Bromide	Br(-1)	0.351	0.92	LANL Int BG LVL	0.03	5.9	0.067	mg/L	1			EPA:300.0	GELC	
C5	7	7	07/07/06	98	124	108	7	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate Spring	Pine Rock Spring	0	05/28/08		F	CS	GENINORG	Calcium	Ca	105	0.97	LANL Int BG LVL	17.31	3.0	0.03	mg/L	1			SW-846:6010B	GELC	
C5	7	7	07/07/06	67.6	79	73.9	7	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate Spring	Pine Rock Spring	0	05/28/08		F	CS	GENINORG	Chloride	Cl(-1)	75	1.01	LANL Int BG LVL	7.78	4.8	0.66	mg/L	10			EPA:300.0	GELC	
C5	6	6	07/07/06	1.52	1.68	1.63	6	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate Spring	Pine Rock Spring	0	05/28/08		F	CS	GENINORG	Perchlorate	ClO4	1.67	1.02	LANL Int BG LVL	0.05	16.7	0.2	ug/L	4			SW-846:6850	GELC	
C5	7	7	07/07/06	0.855	1.41	0.966	7	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate Spring	Pine Rock Spring	0	05/28/08		F	CS	GENINORG	Fluoride	F(-1)	1.05	1.09	LANL Int BG LVL	0.23	2.3	0.033	mg/L	1			EPA:300.0	GELC	
C5	7	7	07/07/06	16.5	20.3	18.2	7	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate Spring	Pine Rock Spring	0	05/28/08		F	CS	GENINORG	Magnesium	Mg	17.1	0.94	LANL Int BG LVL	6.12	1.4	0.085	mg/L	1			SW-846:6010B	GELC	
C5	6	6	07/07/06	3.64	14.4	9.49	6	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate Spring	Pine Rock Spring	0	05/28/08		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	10	1.05	LANL Int BG LVL	2.41	2.1	0.25	mg/L	25	J	I4a	EPA:353.2	GELC	
C5	7	7	07/07/06	38.7	45.9	40.8	7	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate Spring	Pine Rock Spring	0	05/28/08		F	CS	GENINORG	Sodium	Na	38.7	0.95	LANL Int BG LVL	12.19	1.6	0.045	mg/L	1			SW-846:6010B	GELC	
C5	7	9	07/07/06	528	575	545	9	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate Spring	Pine Rock Spring	0	05/28/08		F	CS	GENINORG	Total Dissolved Solids	TDS	528	0.97	LANL Int BG LVL	127	2.1	2.4	mg/L	1			EPA:160.1	GELC	
C5	7	7	07/07/06	79.4	120	97.9	7	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate Spring	Pine Rock Spring	0	05/28/08		F	CS	METALS	Boron	B	84	0.86	LANL Int BG LVL	15.12	2.8	10	ug/L	1			SW-846:6010B	GELC	
C5	7	7	07/07/06	3.6	5.2	4.2	7	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate Spring	Pine Rock Spring	0	05/28/08		F	CS	METALS	Nickel	Ni	3.6	0.86	LANL Int BG LVL	1	1.8	0.5	ug/L	1			SW-846:6020	GELC	
C5	7	7	07/07/06	561	689	614	7	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate Spring	Pine Rock Spring	0	05/28/08		F	CS	METALS	Strontium	Sr	599	0.98	LANL Int BG LVL	154.76	1.9	1	ug/L	1			SW-846:6010B	GELC	
C5	7	7	07/07/06	22.3	32.6	28.8	7	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate Spring	Pine Rock Spring	0	05/28/08		F	CS	METALS	Uranium	U	26.5	0.92	LANL Int BG LVL	0.72	18.4	0.05	ug/L	1			SW-846:6020	GELC	
C5	12	15	05/25/05	5.34	6.82	6.39	15	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-15	958.6	08/15/08		F	CS	GENINORG	Perchlorate	ClO4	6.6	1.03	LANL Reg BG LVL	0.46	7.2	0.5	ug/L	10			SW-846:6850	GELC	
C5	16	19	02/24/00	1.89	3.31	2.3	19	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-15	958.6	08/15/08		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	2.21	0.96	LANL Reg BG LVL	0.89	1.2	0.1	mg/L	10			EPA:353.2	GELC	
C5	15	18	05/20/05	21.1	30.1	27.5	18	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-28	934.3	08/15/08		F	CS	GENINORG	Chloride	Cl(-1)	27.5	1.00	LANL Reg BG LVL	3.57	3.9	0.33	mg/L	5			EPA:300.0	GELC	
C5	15	18	05/20/05	8.68	10.6	10.05	18	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-28	934.3	08/15/08		F	CS	GENINORG	Magnesium	Mg	9.92	0.99	LANL Reg BG LVL	4.15	1.2	0.085	mg/L	1			SW-846:6010B	GELC	
C5	13	15	05/20/05	3.1	5.39	4.3	15	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-28	934.3	08/15/08		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	4.45	1.03	LANL Reg BG LVL	0.89	2.5	0.25	mg/L	25			EPA:353.2	GELC	
C5	15	18	05/20/05	38.1	43.3	41.9	18	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-28	934.3	08/15/08		F	CS	GENINORG	Sulfate	SO4(-2)	42.5	1.01	LANL Reg BG LVL	7.2	3.0	0.5	mg/L	5	J	I6a	EPA:300.0	GELC	
C5	16	20	05/20/05	310	446	401	20	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-28	934.3	08/15/08		F	CS	METALS	Chromium	Cr	373	0.93	LANL Reg BG LVL	5.75	32.4	1.5	ug/L	1			SW-846:6020	GELC	
C5	15	18	05/20/05	6.1	13	9.8	16	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-28	934.3	08/15/08		F	CS	METALS	Nickel	Ni	12.1	1.23	LANL Reg BG LVL	3.09	2.0	0.5	ug/L	1			SW-846:6020	GELC	
C5	12	19	12/19/05	7.8	56.9	11.5	11	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-16r	600	08/11/08		F	CS	METALS	Zinc	Zn	12.7	1.10	LANL Reg BG LVL	3.89	1.6	2	ug/L	1			SW-846:6010B	GELC	
C5	12	19	12/19/05	7.8	56.9	11.5	11	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-16r	600	08/11/08	FD	F	CS	METALS	Zinc	Zn	12	1.04	LANL Reg BG LVL	3.89	1.5	2	ug/L	1			SW-846:6010B	GELC	
C5	14	17	03/31/04	6.3	18.2	9	17	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Regional	R-21	888.8	08/14/08		F	CS	METALS	Manganese	Mn	8.7	0.97	LANL Reg BG LVL	2.94	1.5	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C5	24	30	10/24/01	0.296	0.444	0.34	25	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Water Supply	PM-5	1440	05/20/08		UF	CS	GENINORG	Perchlorate	ClO4	0.371	1.09	LANL Reg BG LVL	0.05	3.7	0.05	ug/L	1			SW-846:6850	GELC	
Oct 2008																															
C5	8	9	10/30/01	0.18	0.388	0.277	9	Pueblo Canyon (includes Acid Canyon)	Alluvial	PAO-1	5.89	09/03/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	0.388	1.40	LANL Avl BG LVL	0.05	3.9	0.024	mg/L	1	J	I4a	EPA:365.4	GELC	
C5	5	5	08/08/06	151	296	175	5	Pueblo Canyon (includes Acid Canyon)	Intermediate	POI-4	159	09/04/08		F	CS	GENINORG	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	172	0.98	LANL Int BG LVL	52	1.7	0.73	mg/L	1			EPA:310.1	GELC	
C5	5	5	08/08/06	0.11	0.179	0.155	5	Pueblo Canyon (includes Acid Canyon)	Intermediate	POI-4	159	09/04/08		F	CS	GENINORG	Bromide	Br(-1)	0.11	0.71	LANL Int BG LVL	0.03	1.8	0.067	mg/L	1	J	J	J_LAB	EPA:300.0	GELC
C5	5	5	08/08/06	47.1	53	48.2	5	Pueblo Canyon (includes Acid Canyon)	Intermediate	POI-4	159	09/04/08		F	CS	GENINORG	Calcium	Ca	49.9	1.04	LANL Int BG LVL	17.31	1.4	0.03	mg/L	1			SW-846:6010B	GELC	

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Fid QC Type Code	Fid Prep Code	Lab Sample Type Code	Anyl Suite Code	Analyte Desc	Analyte	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Anyl Meth Code	Lab Code
C5	5	5	08/08/06	42.5	45.3	44.4	5	Pueblo Canyon (includes Acid Canyon)	Intermediate	POI-4	159	09/04/08		F	CS	GENINORG	Chloride	Cl(-1)	45.2	1.02	LANL Int BG LVL	7.78	2.9	0.33	mg/L	5			EPA:300.0	GELC	
C5	5	5	08/08/06	0.234	0.372	0.246	5	Pueblo Canyon (includes Acid Canyon)	Intermediate	POI-4	159	09/04/08		F	CS	GENINORG	Perchlorate	CIO4	0.372	1.51	LANL Int BG LVL	0.05	3.7	0.05	ug/L	1			SW-846:6850	GELC	
C5	5	5	08/08/06	12.1	13.2	12.4	5	Pueblo Canyon (includes Acid Canyon)	Intermediate	POI-4	159	09/04/08		F	CS	GENINORG	Magnesium	Mg	13.2	1.06	LANL Int BG LVL	6.12	1.1	0.085	mg/L	1			SW-846:6010B	GELC	
C5	6	6	05/07/05	4.8	7.65	5.94	6	Pueblo Canyon (includes Acid Canyon)	Intermediate	POI-4	159	09/04/08		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	5.05	0.85	LANL Int BG LVL	2.41	1.1	0.1	mg/L	10			EPA:353.2	GELC	
C5	5	5	08/08/06	42.6	53	48.3	5	Pueblo Canyon (includes Acid Canyon)	Intermediate	POI-4	159	09/04/08		F	CS	GENINORG	Sodium	Na	42.6	0.88	LANL Int BG LVL	12.19	1.8	0.045	mg/L	1			SW-846:6010B	GELC	
C5	11	15	07/19/00	329	393	355	15	Pueblo Canyon (includes Acid Canyon)	Intermediate	POI-4	159	09/04/08		F	CS	GENINORG	Total Dissolved Solids	TDS	370	1.04	LANL Int BG LVL	127	1.5	2.4	mg/L	1			EPA:160.1	GELC	
C5	5	5	08/08/06	223	246	230	5	Pueblo Canyon (includes Acid Canyon)	Intermediate	POI-4	159	09/04/08		F	CS	METALS	Boron	B	225	0.98	LANL Int BG LVL	15.12	7.4	10	ug/L	1			SW-846:6010B	GELC	
C5	5	5	08/08/06	1.1	1.9	1.7	4	Pueblo Canyon (includes Acid Canyon)	Intermediate	POI-4	159	09/04/08		F	CS	METALS	Cobalt	Co	1.6	0.94	LANL Int BG LVL	0.5	1.6	1	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C5	5	5	08/08/06	9.9	10.2	10.1	5	Pueblo Canyon (includes Acid Canyon)	Intermediate	POI-4	159	09/04/08		F	CS	METALS	Nickel	Ni	10.2	1.01	LANL Int BG LVL	1	5.1	0.5	ug/L	1			SW-846:6020	GELC	
C5	5	5	08/08/06	2.9	3.6	3.1	5	Pueblo Canyon (includes Acid Canyon)	Intermediate	POI-4	159	09/04/08		F	CS	METALS	Uranium	U	3.1	1.00	LANL Int BG LVL	0.72	2.2	0.05	ug/L	1			SW-846:6020	GELC	
C5	6	6	08/10/06	150	162	156	6	Pueblo Canyon (includes Acid Canyon)	Intermediate	R-3i	215.2	09/03/08		F	CS	GENINORG	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	157	1.01	LANL Int BG LVL	52	1.5	0.73	mg/L	1			EPA:310.1	GELC	
C5	6	6	08/10/06	0.148	0.279	0.175	5	Pueblo Canyon (includes Acid Canyon)	Intermediate	R-3i	215.2	09/03/08		F	CS	GENINORG	Bromide	Br(-1)	0.187	1.07	LANL Int BG LVL	0.03	3.1	0.067	mg/L	1	J	J	J_LAB	EPA:300.0	GELC
C5	6	6	08/10/06	54.8	59.1	57.5	6	Pueblo Canyon (includes Acid Canyon)	Intermediate	R-3i	215.2	09/03/08		F	CS	GENINORG	Calcium	Ca	59.1	1.03	LANL Int BG LVL	17.31	1.7	0.03	mg/L	1			SW-846:6010B	GELC	
C5	6	6	08/10/06	34.4	39.3	34.9	6	Pueblo Canyon (includes Acid Canyon)	Intermediate	R-3i	215.2	09/03/08		F	CS	GENINORG	Chloride	Cl(-1)	36.1	1.03	LANL Int BG LVL	7.78	2.3	0.33	mg/L	5			EPA:300.0	GELC	
C5	6	6	08/10/06	0.104	2.88	2.41	6	Pueblo Canyon (includes Acid Canyon)	Intermediate	R-3i	215.2	09/03/08		F	CS	GENINORG	Perchlorate	CIO4	2.88	1.20	LANL Int BG LVL	0.05	28.8	0.25	ug/L	5		J+	PE12f	SW-846:6850	GELC
C5	6	6	08/10/06	15.1	16.1	15.5	6	Pueblo Canyon (includes Acid Canyon)	Intermediate	R-3i	215.2	09/03/08		F	CS	GENINORG	Magnesium	Mg	15.4	0.99	LANL Int BG LVL	6.12	1.3	0.085	mg/L	1			SW-846:6010B	GELC	
C5	6	6	08/10/06	251	437	320	6	Pueblo Canyon (includes Acid Canyon)	Intermediate	R-3i	215.2	09/03/08		F	CS	GENINORG	Total Dissolved Solids	TDS	323	1.01	LANL Int BG LVL	127	1.3	2.4	mg/L	1			EPA:160.1	GELC	
C5	6	6	08/10/06	84.6	119	98.2	6	Pueblo Canyon (includes Acid Canyon)	Intermediate	R-3i	215.2	09/03/08		F	CS	METALS	Boron	B	84.6	0.86	LANL Int BG LVL	15.12	2.8	10	ug/L	1			SW-846:6010B	GELC	
C5	6	6	08/10/06	8	9.7	9	6	Pueblo Canyon (includes Acid Canyon)	Intermediate	R-3i	215.2	09/03/08		F	CS	METALS	Nickel	Ni	8.9	0.99	LANL Int BG LVL	1	4.5	0.5	ug/L	1			SW-846:6020	GELC	
C5	6	6	08/10/06	7.8	10.2	9.2	6	Pueblo Canyon (includes Acid Canyon)	Intermediate	R-3i	215.2	09/03/08		F	CS	METALS	Uranium	U	10.2	1.11	LANL Int BG LVL	0.72	7.1	0.05	ug/L	1			SW-846:6020	GELC	
C5	5	8	07/25/06	2.54	5.17	4.56	8	Pueblo Canyon (includes Acid Canyon)	Regional	R-4	792.9	08/26/08		F	CS	GENINORG	Perchlorate	CIO4	4.49	0.98	LANL Reg BG LVL	0.46	4.9	0.5	ug/L	10			SW-846:6850	GELC	
C5	5	8	07/25/06	2.54	5.17	4.56	8	Pueblo Canyon (includes Acid Canyon)	Regional	R-4	792.9	08/26/08	FD	F	CS	GENINORG	Perchlorate	CIO4	4.6	1.01	LANL Reg BG LVL	0.46	5.0	0.5	ug/L	10			SW-846:6850	GELC	
C5	6	6	05/06/05	0.168	0.507	0.23	6	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial Spring	DP Spring	0	09/03/08		F	CS	GENINORG	Perchlorate	CIO4	0.175	0.76	LANL Avi BG LVL	0.05	1.8	0.05	ug/L	1	J	J+	PE12f	SW-846:6850	GELC
C5	9	11	04/03/01	0.507	1.03	0.838	11	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial Spring	DP Spring	0	09/03/08		F	CS	GENINORG	Fluoride	F(-1)	0.838	1.00	LANL Avi BG LVL	0.27	1.6	0.033	mg/L	1			EPA:300.0	GELC	
C5	9	9	04/03/01	40	144	63	9	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial Spring	DP Spring	0	09/03/08		F	CS	GENINORG	Sodium	Na	62.9	1.00	LANL Avi BG LVL	15.54	2.0	0.045	mg/L	1			SW-846:6010B	GELC	
C5	9	9	04/03/01	2.09	6.3	2.9	7	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial Spring	DP Spring	0	09/03/08		F	CS	METALS	Vanadium	V	4.2	1.45	LANL Avi BG LVL	1	2.1	1	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C5	6	7	05/04/05	0.133	0.371	0.257	7	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-1.6g	10.47	08/27/08		F	CS	GENINORG	Perchlorate	CIO4	0.274	1.07	LANL Avi BG LVL	0.05	2.7	0.05	ug/L	1			SW-846:6850	GELC	
C5	12	15	06/23/00	23	46.3	27	15	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-1.6g	10.47	08/27/08		F	CS	GENINORG	Sodium	Na	35.3	1.31	LANL Avi BG LVL	15.54	1.1	0.045	mg/L	1			SW-846:6010B	GELC	
C5	8	9	03/29/01	27.3	140	91.9	9	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-1.6g	10.47	08/27/08		F	CS	METALS	Molybdenum	Mo	27.3	0.30	LANL Avi BG LVL	2	6.8	0.1	ug/L	1			SW-846:6020	GELC	
C5	6	7	05/03/05	395	1160	501	7	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAUZ-1	5.35	08/25/08		F	CS	GENINORG	Total Dissolved Solids	TDS	624	1.25	LANL Avi BG LVL	139	2.2	2.4	mg/L	1			EPA:160.1	GELC	
C5	6	6	05/02/05	0.142	0.977	0.538	6	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-2	7	08/28/08		F	CS	GENINORG	Perchlorate	CIO4	0.142	0.26	LANL Avi BG LVL	0.05	1.4	0.05	ug/L	1	J	J	J_LAB	SW-846:6850	GELC
C5	13	15	06/26/00	0.514	0.809	0.637	14	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-2	7	08/28/08		F	CS	GENINORG	Fluoride	F(-1)	0.696	1.09	LANL Avi BG LVL	0.27	1.3	0.033	mg/L	1			EPA:300.0	GELC	
C5	5	7	08/01/06	0.215	2.57	1.26	7	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-3a	4.7	09/02/08		F	CS	GENINORG	Bromide	Br(-1)	0.227	0.18	LANL Avi BG LVL	0.07	1.6	0.067	mg/L	1			EPA:300.0	GELC	
C5	5	7	08/01/06	0.215	2.57	1.26	7	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-3a	4.7	09/02/08	FD	F	CS	GENINORG	Bromide	Br(-1)	0.215	0.17	LANL Avi BG LVL	0.07	1.5	0.067	mg/L	1			EPA:300.0	GELC	
C5	5	7	08/01/06	0.229	0.614	0.434	7	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-3a	4.7	09/02/08	FD	F	CS	GENINORG	Perchlorate	CIO4	0.23	0.53	LANL Avi BG LVL	0.05	2.3	0.05	ug/L	1	J		PE16a	SW-846:6850	GELC

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Fid QC Type Code	Fid Prep Code	Lab Sample Type Code	Any1 Suite Code	Analyte Desc	Analyte	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Any1 Meth Code	Lab Code
C5	5	7	08/01/06	0.229	0.614	0.434	7	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-3a	4.7	09/02/08			CS	GENINORG	Perchlorate	CIO4	0.229	0.53	LANL Avi BG LVL	0.05	2.3	0.05	ug/L	1		J	PE16a	SW-846:6850	GELC
C5	11	17	06/26/00	0.227	0.933	0.626	17	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-3a	4.7	09/02/08	FD	F	CS	GENINORG	Fluoride	F(-1)	0.683	1.09	LANL Avi BG LVL	0.27	1.3	0.033	mg/L	1				EPA:300.0	GELC
C5	11	17	06/26/00	0.227	0.933	0.626	17	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-3a	4.7	09/02/08		F	CS	GENINORG	Fluoride	F(-1)	0.675	1.08	LANL Avi BG LVL	0.27	1.3	0.033	mg/L	1				EPA:300.0	GELC
C5	7	7	06/26/01	0.277	0.496	0.4	7	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-4.5c	13.3	08/29/08		F	CS	GENINORG	Bromide	Br(-1)	0.277	0.69	LANL Avi BG LVL	0.07	2.0	0.067	mg/L	1				EPA:300.0	GELC
C5	10	10	03/28/01	0.47	0.647	0.579	10	Upper Los Alamos Canyon (includes DP Canyon)	Alluvial	LAO-4.5c	13.3	08/29/08		F	CS	GENINORG	Fluoride	F(-1)	0.58	1.00	LANL Avi BG LVL	0.27	1.1	0.033	mg/L	1				EPA:300.0	GELC
C5	9	11	08/24/05	15.7	18	17	11	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-6i	602	08/27/08	FD	F	CS	GENINORG	Chloride	Cl(-1)	15.9	0.94	LANL Int BG LVL	7.78	1.0	0.066	mg/L	1				EPA:300.0	GELC
C5	9	11	08/24/05	15.7	18	17	11	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-6i	602	08/27/08		F	CS	GENINORG	Chloride	Cl(-1)	15.7	0.92	LANL Int BG LVL	7.78	1.0	0.066	mg/L	1				EPA:300.0	GELC
C5	5	7	07/26/06	6.87	8.32	7.47	7	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-6i	602	08/27/08	FD	F	CS	GENINORG	Perchlorate	CIO4	7.51	1.01	LANL Int BG LVL	0.05	75.1	0.5	ug/L	10				SW-846:6850	GELC
C5	5	7	07/26/06	6.87	8.32	7.47	7	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-6i	602	08/27/08		F	CS	GENINORG	Perchlorate	CIO4	7.47	1.00	LANL Int BG LVL	0.05	74.7	0.5	ug/L	10				SW-846:6850	GELC
C5	9	11	08/24/05	0.575	0.725	0.626	11	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-6i	602	08/27/08	FD	F	CS	GENINORG	Fluoride	F(-1)	0.722	1.15	LANL Int BG LVL	0.23	1.6	0.033	mg/L	1				EPA:300.0	GELC
C5	9	11	08/24/05	0.575	0.725	0.626	11	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-6i	602	08/27/08		F	CS	GENINORG	Fluoride	F(-1)	0.725	1.16	LANL Int BG LVL	0.23	1.6	0.033	mg/L	1				EPA:300.0	GELC
C5	8	8	11/15/05	5.15	20.4	12.26	8	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-3.2	153.3	08/28/08		F	CS	GENINORG	Chloride	Cl(-1)	19.4	1.58	LANL Int BG LVL	7.78	1.3	0.13	mg/L	2				EPA:300.0	GELC
C5	6	6	07/25/06	3.01	7.3	6.33	6	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-3.2	153.3	08/28/08		F	CS	GENINORG	Perchlorate	CIO4	6	0.95	LANL Int BG LVL	0.05	60.0	0.5	ug/L	10				SW-846:6850	GELC
C5	8	8	11/15/05	7.3	380	18.8	8	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-3.2	153.3	08/28/08		F	CS	METALS	Manganese	Mn	7.3	0.39	LANL Int BG LVL	2	1.8	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C5	8	8	11/15/05	1.3	6.5	1.7	8	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-3.2	153.3	08/28/08		F	CS	METALS	Uranium	U	1.5	0.88	LANL Int BG LVL	0.72	1.0	0.05	ug/L	1				SW-846:6020	GELC
C5	7	7	07/26/06	0.162	0.246	0.234	7	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-3.2a	181.4	09/05/08		F	CS	GENINORG	Bromide	Br(-1)	0.24	1.03	LANL Int BG LVL	0.03	4.0	0.067	mg/L	1				EPA:300.0	GELC
C5	7	7	07/26/06	19.1	21.2	20	7	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-3.2a	181.4	09/05/08		F	CS	GENINORG	Chloride	Cl(-1)	21.2	1.06	LANL Int BG LVL	7.78	1.4	0.13	mg/L	2		J-	I6a	EPA:300.0	GELC
C5	7	7	07/26/06	3.29	4.65	3.52	7	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-3.2a	181.4	09/05/08		F	CS	GENINORG	Perchlorate	CIO4	3.29	0.93	LANL Int BG LVL	0.05	32.9	0.25	ug/L	5				SW-846:6850	GELC
C5	7	7	07/26/06	2.2	5.6	3.2	7	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-3.2a	181.4	09/05/08		F	CS	METALS	Chromium	Cr	3.2	1.00	LANL Int BG LVL	1	1.6	1.5	ug/L	1				SW-846:6020	GELC
C5	7	7	07/26/06	1.1	1.5	1.4	7	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-3.2a	181.4	09/05/08		F	CS	METALS	Uranium	U	1.5	1.07	LANL Int BG LVL	0.72	1.0	0.05	ug/L	1				SW-846:6020	GELC
C5	8	13	05/09/06	18.4	38.3	18.8	13	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-7	240	08/27/08		F	CS	GENINORG	Chloride	Cl(-1)	38.3	2.04	LANL Int BG LVL	7.78	2.5	0.13	mg/L	2				EPA:300.0	GELC
C5	8	12	05/09/06	0.535	0.877	0.785	12	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-7	240	08/27/08		F	CS	GENINORG	Perchlorate	CIO4	0.56	0.71	LANL Int BG LVL	0.05	5.6	0.05	ug/L	1				SW-846:6850	GELC
C5	8	13	05/09/06	1.1	6.1	1.5	13	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	LAOI-7	240	08/27/08		F	CS	METALS	Nickel	Ni	2.3	1.53	LANL Int BG LVL	1	1.2	0.5	ug/L	1				SW-846:6020	GELC
C5	5	6	09/14/00	0.167	0.167	0.167	1	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-9i	198.8	08/29/08		F	CS	GENINORG	Bromide	Br(-1)	0.167	1.00	LANL Int BG LVL	0.03	2.8	0.067	mg/L	1	J	J	J_LAB	EPA:300.0	GELC
C5	5	6	09/14/00	24	35.8	25.7	6	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-9i	198.8	08/29/08		F	CS	GENINORG	Chloride	Cl(-1)	35.8	1.39	LANL Int BG LVL	7.78	2.3	0.33	mg/L	5				EPA:300.0	GELC
C5	5	5	09/14/00	1.39	5.19999 9809	2.44999 9905	4	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-9i	198.8	08/29/08		F	CS	METALS	Cobalt	Co	1.7	0.69	LANL Int BG LVL	0.5	1.7	1	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C5	5	5	09/14/00	81.2	1000	880	5	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-9i	198.8	08/29/08		F	CS	METALS	Manganese	Mn	81.2	0.09	LANL Int BG LVL	2	20.3	2	ug/L	1				SW-846:6010B	GELC
C5	5	5	09/14/00	37.2	140	110	5	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-9i	198.8	08/29/08		F	CS	METALS	Nickel	Ni	139	1.26	LANL Int BG LVL	1	69.5	0.5	ug/L	1				SW-846:6020	GELC
C5	5	5	09/15/00	19.6	580	520	5	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-9i	278.8	09/02/08		F	CS	METALS	Manganese	Mn	19.6	0.04	LANL Int BG LVL	2	4.9	2	ug/L	1				SW-846:6010B	GELC
C5	5	5	09/15/00	7.4	110	22.3	5	Upper Los Alamos Canyon (includes DP Canyon)	Intermediate	R-9i	278.8	09/02/08		F	CS	METALS	Nickel	Ni	7.4	0.33	LANL Int BG LVL	1	3.7	0.5	ug/L	1				SW-846:6020	GELC
C5	6	6	02/20/04	119	191	148	6	Upper Los Alamos Canyon (includes DP Canyon)	Regional	R-8	825	09/03/08		F	CS	METALS	Barium	Ba	157	1.06	LANL Reg BG LVL	56.83	1.4	1	ug/L	1				SW-846:6010B	GELC
C5	5	9	07/31/06	0.884	0.986	0.926	9	Upper Los Alamos Canyon (includes DP Canyon)	Regional	R-9	684	08/26/08	FD	F	CS	GENINORG	Perchlorate	CIO4	0.955	1.03	LANL Reg BG LVL	0.46	1.0	0.1	ug/L	2				SW-846:6850	GELC
C5	5	9	07/31/06	0.884	0.986	0.926	9	Upper Los Alamos Canyon (includes DP Canyon)	Regional	R-9	684	08/26/08		F	CS	GENINORG	Perchlorate	CIO4	0.926	1.00	LANL Reg BG LVL	0.46	1.0	0.1	ug/L	2				SW-846:6850	GELC
C5	9	13	02/28/00	99	209	185	13	Upper Los Alamos Canyon (includes DP Canyon)	Regional	R-9	684	08/26/08		F	CS	METALS	Barium	Ba	186	1.01	LANL Reg BG LVL	56.83	1.6	1	ug/L	1				SW-846:6010B	GELC
C5	9	13	02/28/00	99	209	185	13	Upper Los Alamos Canyon (includes DP Canyon)	Regional	R-9	684	08/26/08	FD	F	CS	METALS	Barium	Ba	188	1.02	LANL Reg BG LVL	56.83	1.7	1	ug/L	1				SW-846:6010B	GELC

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Fid QC Type Code	Fid Prep Code	Lab Sample Type Code	Any1 Suite Code	Analyte Desc	Analyte	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Any1 Meth Code	Lab Code
C5	8	11	11/15/05	6.96	7.59	7.31	11	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Regional	R-24	825	08/26/08		F	CS	GENINORG	Chloride	Cl(-1)	7.31	1.00	LANL Reg BG LVL	3.57	1.0	0.066	mg/L	1			EPA:300.0	GELC	
C5	8	11	11/15/05	10.1	33.1	18.5	10	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Regional	R-24	825	08/26/08		F	CS	METALS	Zinc	Zn	16.4	0.89	LANL Reg BG LVL	3.89	2.1	2	ug/L	1			SW-846:6010B	GELC	
C5	4	4	02/01/06	0.957	1.16	1.08	3	Sandia Canyon	Intermediate	R-12	507	08/19/08		F	CS	GENINORG	Perchlorate	ClO4	1.08	1.00	LANL Int BG LVL	0.05	10.8	0.1	ug/L	2			SW-846:6850	GELC	
C5	13	19	05/17/05	3.41	7.43	4.53	19	Sandia Canyon	Regional	R-11	855	08/11/08		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	5.17	1.14	LANL Reg BG LVL	0.89	2.9	0.1	mg/L	10			EPA:353.2	GELC	
C5	14	20	05/17/05	15.6	34.9	24.3	20	Sandia Canyon	Regional	R-11	855	08/11/08		F	CS	METALS	Chromium	Cr	15.6	0.64	LANL Reg BG LVL	5.75	1.4	1.5	ug/L	1			SW-846:6020	GELC	
C5	5	7	08/29/07	41.1	62.3	51.7	7	Sandia Canyon	Regional	R-35b	825.4	08/12/08	FD	F	CS	METALS	Zinc	Zn	41.1	0.79	LANL Reg BG LVL	3.89	5.3	2	ug/L	1	J	I4a	SW-846:6010B	GELC	
C5	5	7	08/29/07	41.1	62.3	51.7	7	Sandia Canyon	Regional	R-35b	825.4	08/12/08		F	CS	METALS	Zinc	Zn	42.6	0.82	LANL Reg BG LVL	3.89	5.5	2	ug/L	1	J	I4a	SW-846:6010B	GELC	
C5	5	6	08/30/07	299	340	319	6	Sandia Canyon	Regional	R-35a	1013.1	08/12/08		F	CS	METALS	Barium	Ba	338	1.06	LANL Reg BG LVL	56.83	3.0	1	ug/L	1			SW-846:6010B	GELC	
C5	5	8	08/30/07	32.1	315	101.3	8	Sandia Canyon	Regional	R-35a	1013.1	08/12/08		F	CS	METALS	Iron	Fe	185	1.83	LANL Reg BG LVL	21	4.4	25	ug/L	1			SW-846:6010B	GELC	
C5	8	8	09/19/05	155	739	366	8	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-0.6	1.05	08/12/08		F	CS	GENINORG	Chloride	Cl(-1)	625	1.71	LANL Avi BG LVL	69.76	4.5	6.6	mg/L	10			EPA:300.0	GELC	
C5	8	8	09/19/05	164	481	320	8	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-0.6	1.05	08/12/08		F	CS	GENINORG	Sodium	Na	352	1.10	LANL Avi BG LVL	15.54	11.3	0.045	mg/L	1			SW-846:6010B	GELC	
C5	8	11	09/19/05	590	1650	1030	11	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-0.6	1.05	08/12/08		F	CS	GENINORG	Total Dissolved Solids	TDS	1280	1.24	LANL Avi BG LVL	139	4.6	2.4	mg/L	1			EPA:160.1	GELC	
C5	8	8	09/19/05	154	694	328	8	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-0.6	1.05	08/12/08		F	CS	METALS	Barium	Ba	694	2.12	LANL Avi BG LVL	68.57	5.1	1	ug/L	1			SW-846:6010B	GELC	
C5	8	8	09/19/05	7.3	25.4	13.7	8	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-0.6	1.05	08/12/08		F	CS	METALS	Cobalt	Co	9.5	0.69	LANL Avi BG LVL	0.5	9.5	1	ug/L	1			SW-846:6010B	GELC	
C5	8	8	09/19/05	1690	5870	2915	8	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-0.6	1.05	08/12/08		F	CS	METALS	Manganese	Mn	3420	1.17	LANL Avi BG LVL	2	855.0	2	ug/L	1			SW-846:6010B	GELC	
C5	8	8	09/19/05	15.9	36.3	18.1	8	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-0.6	1.05	08/12/08		F	CS	METALS	Nickel	Ni	19.4	1.07	LANL Avi BG LVL	1	9.7	0.5	ug/L	1			SW-846:6020	GELC	
C5	9	9	04/26/05	0.216	0.871	0.48	9	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCA-1	2.4	08/12/08		F	CS	GENINORG	Perchlorate	ClO4	0.446	0.93	LANL Avi BG LVL	0.05	4.5	0.05	ug/L	1	J	PE12e	SW-846:6850	GELC	
C5	9	9	04/26/05	1.2	6.5	1.7	5	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCA-1	2.4	08/12/08		F	CS	METALS	Cobalt	Co	1.7	1.00	LANL Avi BG LVL	0.5	1.7	1	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C5	9	9	04/26/05	4.6	62.4	20.9	9	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCA-1	2.4	08/12/08		F	CS	METALS	Manganese	Mn	6.9	0.33	LANL Avi BG LVL	2	1.7	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C5	9	9	04/26/05	2.6	37	11.3	7	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCA-1	2.4	08/12/08		F	CS	METALS	Zinc	Zn	5.6	0.50	LANL Avi BG LVL	2	1.4	2	ug/L	1	J	J	I4a	SW-846:6010B	GELC
C5	17	23	04/21/05	6.97	44.3	18.5	23	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-4B	8.9	08/18/08		F	CS	GENINORG	Perchlorate	ClO4	6.97	0.38	LANL Avi BG LVL	0.05	69.7	0.5	ug/L	10			SW-846:6850	GELC	
C5	26	35	05/24/01	0.629	1.07	0.918	34	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-4B	8.9	08/18/08		F	CS	GENINORG	Fluoride	F(-1)	0.629	0.69	LANL Avi BG LVL	0.27	1.2	0.033	mg/L	1			EPA:300.0	GELC	
C5	11	15	06/30/03	9.93	14.1	12.2	15	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-4B	8.9	08/18/08		F	CS	GENINORG	Potassium	K	10.5	0.86	LANL Avi BG LVL	5.21	1.0	0.05	mg/L	1			SW-846:6010B	GELC	
C5	11	15	06/30/03	42.8	80.7	57.4	15	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-4B	8.9	08/18/08		F	CS	GENINORG	Sodium	Na	57.4	1.00	LANL Avi BG LVL	15.54	1.9	0.045	mg/L	1			SW-846:6010B	GELC	
C5	11	15	06/30/03	18.6	72.9	46.1	15	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	MCO-4B	8.9	08/18/08		F	CS	METALS	Molybdenum	Mo	18.6	0.40	LANL Avi BG LVL	2	4.7	0.1	ug/L	1			SW-846:6020	GELC	
C5	5	6	11/14/06	0.298	0.352	0.348	6	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	CDBO-6	34	08/18/08		F	CS	GENINORG	Perchlorate	ClO4	0.346	0.99	LANL Avi BG LVL	0.05	3.5	0.05	ug/L	1			SW-846:6850	GELC	
C5	8	11	05/01/01	3.7	6.5	4.7	10	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Alluvial	CDBO-6	34	08/18/08		F	CS	METALS	Vanadium	V	4.7	1.00	LANL Avi BG LVL	1	2.4	1	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C5	11	11	06/23/05	0.34	0.606	0.407	11	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-4	499	08/19/08		F	CS	GENINORG	Bromide	Br(-1)	0.42	1.03	LANL Int BG LVL	0.03	7.0	0.067	mg/L	1			EPA:300.0	GELC	
C5	11	11	06/23/05	18.4	21	19.4	11	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-4	499	08/19/08		F	CS	GENINORG	Chloride	Cl(-1)	19.8	1.02	LANL Int BG LVL	7.78	1.3	0.13	mg/L	2			EPA:300.0	GELC	
C5	11	11	06/23/05	87.4	166	136	11	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-4	499	08/19/08		F	CS	GENINORG	Perchlorate	ClO4	87.4	0.64	LANL Int BG LVL	0.05	874.0	10	ug/L	20			SW-846:6850	GELC	
C5	11	11	06/23/05	11.6	17.7	14.1	11	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-4	499	08/19/08		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	11.6	0.82	LANL Int BG LVL	2.41	2.4	0.25	mg/L	25			EPA:353.2	GELC	
C5	11	15	06/23/05	243	329	283	15	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-4	499	08/19/08		F	CS	GENINORG	Total Dissolved Solids	TDS	259	0.92	LANL Int BG LVL	127	1.0	2.4	mg/L	1			EPA:160.1	GELC	
C5	11	11	06/23/05	6.7	29.4	15.4	11	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-4	499	08/19/08		F	CS	METALS	Chromium	Cr	8.4	0.55	LANL Int BG LVL	1	4.2	1.5	ug/L	1			SW-846:6020	GELC	
C5	11	11	06/23/05	3.2	15.9	5.9	9	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-4	499	08/19/08		F	CS	METALS	Manganese	Mn	7.4	1.25	LANL Int BG LVL	2	1.9	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C5	11	11	06/23/05	2.2	5.1	3	11	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-4	499	08/19/08		F	CS	METALS	Nickel	Ni	3.2	1.07	LANL Int BG LVL	1	1.6	0.5	ug/L	1			SW-846:6020	GELC	
C5	11	11	06/23/05	5.3	369	24.7	11	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-4	499	08/19/08		F	CS	METALS	Zinc	Zn	112	4.53	LANL Int BG LVL	2	28.0	2	ug/L	1	J	I4a	SW-846:6010B	GELC	
C5	12	14	06/09/05	0.083	0.157	0.127	10	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-5	689	08/18/08		F	CS	GENINORG	Bromide	Br(-1)	0.088	0.69	LANL Int BG LVL	0.03	1.5	0.067	mg/L	1	J	J	J_LAB	EPA:300.0	GELC
C5	12	14	06/09/05	88.1	132	101.5	14	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-5	689	08/18/08		F	CS	GENINORG	Perchlorate	ClO4	88.9	0.88	LANL Int BG LVL	0.05	889.0	10	ug/L	20			SW-846:6850	GELC	

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Fid QC Type Code	Fid Prep Code	Lab Sample Type Code	Any1 Suite Code	Analyte Desc	Analyte	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Any1 Meth Code	Lab Code	
C5	12	18	06/15/05	0.212	0.477	0.303	16	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-6	686	08/12/08		F	CS	GENINORG	Bromide	Br(-1)	0.477	1.57	LANL Int BG LVL	0.03	8.0	0.067	mg/L	1				EPA:300.0	GELC	
C5	12	18	06/15/05	42.8	59.9	47.8	18	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-6	686	08/12/08		F	CS	GENINORG	Calcium	Ca	59.2	1.24	LANL Int BG LVL	17.31	1.7	0.03	mg/L	1				SW-846:6010B	GELC	
C5	12	18	06/15/05	21.2	34.8	22.9	18	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-6	686	08/12/08		F	CS	GENINORG	Chloride	Cl(-1)	34.8	1.52	LANL Int BG LVL	7.78	2.2	0.33	mg/L	5				EPA:300.0	GELC	
C5	12	18	06/15/05	131	246	180	18	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-6	686	08/12/08		F	CS	GENINORG	Perchlorate	ClO4	131	0.73	LANL Int BG LVL	0.05	1310.0	13	ug/L	250	J	PE12e	SW-846:6850	GELC		
C5	12	18	06/15/05	0.47	0.635	0.537	17	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-6	686	08/12/08		F	CS	GENINORG	Fluoride	F(-1)	0.483	0.90	LANL Int BG LVL	0.23	1.1	0.033	mg/L	1				EPA:300.0	GELC	
C5	12	19	06/15/05	14.2	20.4	18.3	19	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-6	686	08/12/08		F	CS	GENINORG	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	19.5	1.07	LANL Int BG LVL	2.41	4.1	0.25	mg/L	25				EPA:353.2	GELC	
C5	12	26	06/15/05	298	395	345	26	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-6	686	08/12/08		F	CS	GENINORG	Total Dissolved Solids	TDS	395	1.14	LANL Int BG LVL	127	1.6	2.4	mg/L	1				EPA:160.1	GELC	
C5	12	18	06/15/05	29.4	58.2	41.2	18	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-6	686	08/12/08		F	CS	METALS	Chromium	Cr	43.3	1.05	LANL Int BG LVL	1	21.7	1.5	ug/L	1				SW-846:6020	GELC	
C5	12	18	06/15/05	2.9	8.9	5.3	18	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-6	686	08/12/08		F	CS	METALS	Nickel	Ni	4.5	0.85	LANL Int BG LVL	1	2.3	0.5	ug/L	1				SW-846:6020	GELC	
C5	12	18	06/15/05	26	151	81	18	Mortandad Canyon (includes Ten Site Canyon and Cañada del Buey)	Intermediate	MCOI-6	686	08/12/08		F	CS	METALS	Zinc	Zn	26	0.32	LANL Int BG LVL	2	6.5	2	ug/L	1	J	I4a	SW-846:6010B	GELC		
C5	9	9	08/22/06	0.324	0.633	0.418	9	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Anderson Spring	0	09/10/08		F	CS	GENINORG	Perchlorate	ClO4	0.408	0.98	LANL Int BG LVL	0.05	4.1	0.05	ug/L	1	J	PE12e	SW-846:6850	GELC		
C5	9	9	08/22/06	1.5	9.3	5	9	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Anderson Spring	0	09/10/08		F	CS	METALS	Chromium	Cr	4.2	0.84	LANL Int BG LVL	1	2.1	1.5	ug/L	1				SW-846:6020	GELC	
C5	11	16	03/01/04	0.346	4.87	1.31	14	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-32	870.9	09/08/08	FD	UF	CS	GENINORG	Total Organic Carbon	TOC	1.29	0.98	LANL Reg BG LVL	0.33	2.0	0.33	mg/L	1				SW-846:9060	GELC	
C5	11	16	03/01/04	0.346	4.87	1.31	14	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-32	870.9	09/08/08		UF	CS	GENINORG	Total Organic Carbon	TOC	1.33	1.02	LANL Reg BG LVL	0.33	2.0	0.33	mg/L	1				SW-846:9060	GELC	
C5	13	18	03/01/04	2.6	73.8	11	15	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-32	870.9	09/08/08	FD	F	CS	METALS	Manganese	Mn	6.1	0.55	LANL Reg BG LVL	2.94	1.0	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C5	13	18	03/01/04	2.6	73.8	11	15	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-32	870.9	09/08/08		F	CS	METALS	Manganese	Mn	6.2	0.56	LANL Reg BG LVL	2.94	1.1	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C5	13	18	03/01/04	3.1	103	40.4	14	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-32	870.9	09/08/08		F	CS	METALS	Zinc	Zn	42.8	1.06	LANL Reg BG LVL	3.89	5.5	2	ug/L	1				SW-846:6010B	GELC	
C5	13	18	03/01/04	3.1	103	40.4	14	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-32	870.9	09/08/08	FD	F	CS	METALS	Zinc	Zn	38	0.94	LANL Reg BG LVL	3.89	4.9	2	ug/L	1				SW-846:6010B	GELC	
C5	13	22	12/17/03	0.555	1.51	0.84	19	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-23	816	09/08/08		UF	CS	GENINORG	Total Organic Carbon	TOC	0.758	0.90	LANL Reg BG LVL	0.33	1.2	0.33	mg/L	1	J	J	J_LAB	SW-846:9060	GELC	
Nov 2008																																
C5	11	16	07/28/00	154	290	245	16	Pueblo Canyon (includes Acid Canyon)	Alluvial	PAO-4	1.97	09/04/08	FD	F	CS	GENINORG	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	194	0.79	LANL Avi BG LVL	76	1.3	0.73	mg/L	1				EPA:310.1	GELC	
C5	11	16	07/28/00	154	290	245	16	Pueblo Canyon (includes Acid Canyon)	Alluvial	PAO-4	1.97	09/04/08		F	CS	GENINORG	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	194	0.79	LANL Avi BG LVL	76	1.3	0.73	mg/L	1				EPA:310.1	GELC	
C5	5	6	08/10/06	3.01	30.3	7.14	6	Pueblo Canyon (includes Acid Canyon)	Alluvial	PAO-4	1.97	09/04/08	FD	F	CS	GENINORG	Ammonia as Nitrogen	NH3-N	3.25	0.46	LANL Avi BG LVL	0.04	40.6	0.15	mg/L	5	J-	I6a	EPA:350.1	GELC		
C5	5	6	08/10/06	3.01	30.3	7.14	6	Pueblo Canyon (includes Acid Canyon)	Alluvial	PAO-4	1.97	09/04/08		F	CS	GENINORG	Ammonia as Nitrogen	NH3-N	3.98	0.56	LANL Avi BG LVL	0.04	49.8	0.15	mg/L	5	J-	I6a	EPA:350.1	GELC		
C5	8	10	10/31/01	1.33	9.73	2.54	10	Pueblo Canyon (includes Acid Canyon)	Alluvial	PAO-4	1.97	09/04/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	3.17	1.25	LANL Avi BG LVL	0.05	31.7	0.12	mg/L	5				EPA:365.4	GELC	
C5	8	10	10/31/01	1.33	9.73	2.54	10	Pueblo Canyon (includes Acid Canyon)	Alluvial	PAO-4	1.97	09/04/08	FD	F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	5.38	2.12	LANL Avi BG LVL	0.05	53.8	0.12	mg/L	5				EPA:365.4	GELC	
C5	7	9	06/19/00	311	436	377	9	Pueblo Canyon (includes Acid Canyon)	Alluvial	PAO-4	1.97	09/04/08	FD	F	CS	GENINORG	Total Dissolved Solids	TDS	391	1.04	LANL Avi BG LVL	139	1.4	2.4	mg/L	1				EPA:160.1	GELC	
C5	7	9	06/19/00	311	436	377	9	Pueblo Canyon (includes Acid Canyon)	Alluvial	PAO-4	1.97	09/04/08		F	CS	GENINORG	Total Dissolved Solids	TDS	415	1.10	LANL Avi BG LVL	139	1.5	2.4	mg/L	1				EPA:160.1	GELC	
C5	8	10	07/26/00	143	271	170	10	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Alluvial	LLAO-4	5.24	08/27/08		F	CS	GENINORG	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	165	0.97	LANL Avi BG LVL	76	1.1	0.73	mg/L	1				EPA:310.1	GELC	
C5	6	6	05/11/05	0.08	0.224	0.18	6	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Alluvial	LLAO-4	5.24	08/27/08		F	CS	GENINORG	Bromide	Br(-1)	0.169	0.94	LANL Avi BG LVL	0.07	1.2	0.067	mg/L	1	J	J	J_LAB	EPA:300.0	GELC	
C5	7	8	06/27/00	284	348	323	8	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Alluvial	LLAO-4	5.24	08/27/08		F	CS	GENINORG	Total Dissolved Solids	TDS	324	1.00	LANL Avi BG LVL	139	1.2	2.4	mg/L	1				EPA:160.1	GELC	
C5	4	4	04/26/07	0.27	0.325	0.276	3	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Los Alamos Spring	0	08/25/08		F	CS	GENINORG	Bromide	Br(-1)	0.27	0.98	LANL Int BG LVL	0.03	4.5	0.067	mg/L	1				EPA:300.0	GELC	
C5	4	4	04/26/07	18.8	19.4	19	4	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Los Alamos Spring	0	08/25/08		F	CS	GENINORG	Chloride	Cl(-1)	19	1.00	LANL Int BG LVL	7.78	1.2	0.066	mg/L	1				EPA:300.0	GELC	
C5	4	4	04/26/07	1.43	1.62	1.44	4	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Los Alamos Spring	0	08/25/08		F	CS	GENINORG	Perchlorate	ClO4	1.44	1.00	LANL Int BG LVL	0.05	14.4	0.2	ug/L	4				SW-846:6850	GELC	
C5	4	4	04/26/07	0.847	0.903	0.883	4	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Los Alamos Spring	0	08/25/08		F	CS	GENINORG	Fluoride	F(-1)	0.895	1.01	LANL Int BG LVL	0.23	2.0	0.033	mg/L	1				EPA:300.0	GELC	

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Fid QC Type Code	Fid Prep Code	Lab Sample Type Code	Any1 Suite Code	Analyte Desc	Analyte	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Any1 Meth Code	Lab Code
C5	4	4	04/26/07	4.9	5.3	5	3	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Los Alamos Spring	0	08/25/08		F	CS	METALS	Chromium	Cr	5	1.00	LANL Int BG LVL	1	2.5	1.5	ug/L	1				SW-846:6020	GELC
C5	4	4	04/26/07	1.8	2.8	2.4	4	Lower Los Alamos Canyon (San Ildefonso Pueblo)	Intermediate Spring	Los Alamos Spring	0	08/25/08		F	CS	METALS	Uranium	U	1.8	0.75	LANL Int BG LVL	0.72	1.3	0.05	ug/L	1				SW-846:6020	GELC
C5	8	8	01/11/07	1.24	1.53	1.32	8	Sandia Canyon	Intermediate	SCI-1	358.4	08/19/08		F	CS	GENINORG	Bromide	Br(-1)	1.25	0.95	LANL Int BG LVL	0.03	20.8	0.067	mg/L	1				EPA:300.0	GELC
C5	8	8	01/11/07	88.9	98.7	91.9	8	Sandia Canyon	Intermediate	SCI-1	358.4	08/19/08		F	CS	GENINORG	Chloride	Cl(-1)	92.2	1.00	LANL Int BG LVL	7.78	5.9	0.66	mg/L	10				EPA:300.0	GELC
C5	8	8	01/11/07	1.27	1.58	1.46	8	Sandia Canyon	Intermediate	SCI-1	358.4	08/19/08		F	CS	GENINORG	Perchlorate	CIO4	1.27	0.87	LANL Int BG LVL	0.05	12.7	0.1	ug/L	2				SW-846:6850	GELC
C5	8	8	01/11/07	0.504	0.914	0.809	7	Sandia Canyon	Intermediate	SCI-1	358.4	08/19/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	0.504	0.62	LANL Int BG LVL	0.08	3.2	0.024	mg/L	1	J-	16a		EPA:365.4	GELC
C5	8	8	01/11/07	102	112	106	8	Sandia Canyon	Intermediate	SCI-1	358.4	08/19/08		F	CS	GENINORG	Sulfate	SO4(-2)	107	1.01	LANL Int BG LVL	40.03	1.3	1	mg/L	10				EPA:300.0	GELC
C5	8	8	01/11/07	455	536	516	8	Sandia Canyon	Intermediate	SCI-1	358.4	08/19/08		F	CS	GENINORG	Total Dissolved Solids	TDS	512	0.99	LANL Int BG LVL	127	2.0	2.4	mg/L	1				EPA:160.1	GELC
C5	8	8	01/11/07	13.5	22.1	15.7	8	Sandia Canyon	Intermediate	SCI-1	358.4	08/19/08		F	CS	METALS	Chromium	Cr	15	0.96	LANL Int BG LVL	1	7.5	1.5	ug/L	1				SW-846:6020	GELC
C5	8	9	01/11/07	43.9	71.3	49.8	9	Sandia Canyon	Intermediate	SCI-1	358.4	08/19/08		F	CS	METALS	Molybdenum	Mo	62.9	1.26	LANL Int BG LVL	2	15.7	0.1	ug/L	1				SW-846:6020	GELC
C5	8	8	01/11/07	4.7	8.1	6.9	8	Sandia Canyon	Intermediate	SCI-1	358.4	08/19/08		F	CS	METALS	Nickel	Ni	5.8	0.84	LANL Int BG LVL	1	2.9	0.5	ug/L	1				SW-846:6020	GELC
C5	8	8	01/11/07	2.3	2.9	2.7	8	Sandia Canyon	Intermediate	SCI-1	358.4	08/19/08		F	CS	METALS	Uranium	U	2.3	0.85	LANL Int BG LVL	0.72	1.6	0.05	ug/L	1				SW-846:6020	GELC
C5	7	8	10/12/06	7.9	14.8	11.2	8	Sandia Canyon	Regional	R-10	874	11/15/07		F	CS	METALS	Zinc	Zn	8.6	0.77	LANL Reg BG LVL	3.89	1.1	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C5	7	8	10/12/06	7.9	14.8	11.2	8	Sandia Canyon	Regional	R-10	874	08/13/08		F	CS	METALS	Zinc	Zn	12.7	1.13	LANL Reg BG LVL	3.89	1.6	2	ug/L	1				SW-846:6010B	GELC
C5	7	8	10/12/06	7.9	14.8	11.2	8	Sandia Canyon	Regional	R-10	874	05/27/08		F	CS	METALS	Zinc	Zn	13.2	1.18	LANL Reg BG LVL	3.89	1.7	2	ug/L	1				SW-846:6010B	GELC
C5	7	8	10/12/06	7.9	14.8	11.2	8	Sandia Canyon	Regional	R-10	874	11/15/07	FD	F	CS	METALS	Zinc	Zn	7.9	0.71	LANL Reg BG LVL	3.89	1.0	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C5	11	13	11/30/05	6.7	111	9.3	13	Sandia Canyon	Regional	R-10a	690	08/13/08		F	CS	METALS	Zinc	Zn	8.5	0.91	LANL Reg BG LVL	3.89	1.1	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C5	9	10	08/29/06	0.29	0.388	0.317	10	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-BG-1	10	09/11/08		F	CS	GENINORG	Perchlorate	CIO4	0.388	1.22	LANL Avi BG LVL	0.05	3.9	0.05	ug/L	1		J	PE12e	SW-846:6850	GELC
C5	9	11	08/31/06	0.247	0.568	0.327	11	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-9	6	09/11/08		F	CS	GENINORG	Perchlorate	CIO4	0.281	0.86	LANL Avi BG LVL	0.05	2.8	0.05	ug/L	1		J	PE12e	SW-846:6850	GELC
C5	9	11	08/31/06	0.307	0.417	0.352	11	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-11	27	09/15/08		F	CS	GENINORG	Perchlorate	CIO4	0.324	0.92	LANL Avi BG LVL	0.05	3.2	0.05	ug/L	1				SW-846:6850	GELC
C5	9	11	08/28/06	0.112	0.242	0.174	11	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	09/12/08		F	CS	GENINORG	Perchlorate	CIO4	0.112	0.64	LANL Avi BG LVL	0.05	1.1	0.05	ug/L	1	J	J	J_LAB	SW-846:6850	GELC
C5	9	11	08/28/06	0.112	0.242	0.174	11	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	09/12/08	FD	F	CS	GENINORG	Perchlorate	CIO4	0.121	0.70	LANL Avi BG LVL	0.05	1.2	0.05	ug/L	1	J	J	J_LAB	SW-846:6850	GELC
C5	9	11	08/28/06	45.1	96.3	54.2	11	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	09/12/08		F	CS	GENINORG	Sodium	Na	51.1	0.94	LANL Avi BG LVL	15.54	1.6	0.045	mg/L	1				SW-846:6010B	GELC
C5	9	11	08/28/06	45.1	96.3	54.2	11	Pajarito Canyon (includes Twomile and Threemile Canyons)	Alluvial	18-MW-18	12.5	09/12/08	FD	F	CS	GENINORG	Sodium	Na	52.4	0.97	LANL Avi BG LVL	15.54	1.7	0.045	mg/L	1				SW-846:6010B	GELC
C5	10	10	06/21/05	0.279	0.474	0.339	10	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	PC Spring	0	09/19/08		F	CS	GENINORG	Perchlorate	CIO4	0.309	0.91	LANL Int BG LVL	0.05	3.1	0.05	ug/L	1				SW-846:6850	GELC
C5	10	19	06/20/05	0.161	0.405	0.256	19	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Homestead Spring	0	09/11/08		F	CS	GENINORG	Perchlorate	CIO4	0.161	0.63	LANL Int BG LVL	0.05	1.6	0.05	ug/L	1	J	J	PE12e	SW-846:6850	GELC
C5	10	19	06/20/05	0.161	0.405	0.256	19	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Homestead Spring	0	09/11/08	FD	F	CS	GENINORG	Perchlorate	CIO4	0.162	0.63	LANL Int BG LVL	0.05	1.6	0.05	ug/L	1	J	J	PE12e	SW-846:6850	GELC
C5	10	10	06/21/05	0.217	0.457	0.284	10	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Starmer Spring	0	09/11/08		F	CS	GENINORG	Perchlorate	CIO4	0.234	0.82	LANL Int BG LVL	0.05	2.3	0.05	ug/L	1		J	PE12e	SW-846:6850	GELC
C5	10	10	06/20/05	0.377	0.572	0.462	10	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Kieling Spring	0	09/12/08		F	CS	GENINORG	Perchlorate	CIO4	0.528	1.14	LANL Int BG LVL	0.05	5.3	0.05	ug/L	1		J+	PE12f	SW-846:6850	GELC
C5	9	9	08/31/06	0.213	0.447	0.285	9	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Charlie's Spring	0	09/11/08		F	CS	GENINORG	Perchlorate	CIO4	0.252	0.88	LANL Int BG LVL	0.05	2.5	0.05	ug/L	1		J	PE12e	SW-846:6850	GELC
C5	10	10	06/22/05	0.606	0.837	0.681	10	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate Spring	Bulldog Spring	0	09/12/08		F	CS	GENINORG	Perchlorate	CIO4	0.754	1.11	LANL Int BG LVL	0.05	7.5	0.05	ug/L	1		J+	PE12f	SW-846:6850	GELC
C5	9	9	08/23/06	52.1	566	152	9	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-10	20.6	09/18/08		F	CS	GENINORG	Chloride	Cl(-1)	152	1.00	LANL Int BG LVL	7.78	9.8	1.3	mg/L	20				EPA:300.0	GELC
C5	10	10	06/27/06	40.3	291	104.6	10	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-10	20.6	09/18/08		F	CS	GENINORG	Sodium	Na	116	1.11	LANL Int BG LVL	12.19	4.8	0.045	mg/L	1				SW-846:6010B	GELC
C5	9	11	08/23/06	204	1200	468	11	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-10	20.6	09/18/08		F	CS	GENINORG	Total Dissolved Solids	TDS	468	1.00	LANL Int BG LVL	127	1.8	2.4	mg/L	1				EPA:160.1	GELC
C5	10	10	06/27/06	5.2	300	18.3	10	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-10	20.6	09/18/08		F	CS	METALS	Manganese	Mn	59.9	3.27	LANL Int BG LVL	2	15.0	2	ug/L	1				SW-846:6010B	GELC
C5	10	10	06/27/06	1.1	12.6	2.9	10	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-10	20.6	09/18/08		F	CS	METALS	Nickel	Ni	3.9	1.34	LANL Int BG LVL	1	2.0	0.5	ug/L	1				SW-846:6020	GELC
C5	10	10	06/27/06	0.56	18.4	2.5	10	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-10	20.6	09/18/08		F	CS	METALS	Lead	Pb	3.8	1.52	LANL Int BG LVL	0.5	3.8	0.5	ug/L	1				SW-846:6020	GELC
C5	10	10	06/27/06	6.4	50.8	10.6	8	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-10	20.6	09/18/08		F	CS	METALS	Zinc	Zn	49.2	4.64	LANL Int BG LVL	2	12.3	2	ug/L	1				SW-846:6010B	GELC
C5	10	14	06/23/06	43.2	610	163	14	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	09/18/08		F	CS	GENINORG	Chloride	Cl(-1)	163	1.00	LANL Int BG LVL	7.78	10.5	1.3	mg/L	20				EPA:300.0	GELC
C5	10	14	06/23/06	43.2	610	163	14	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	09/18/08	FD	F	CS	GENINORG	Chloride	Cl(-1)	163	1.00	LANL Int BG LVL	7.78	10.5	1.3	mg/L	20				EPA:300.0	GELC
C5	10	14	06/23/06	44.3	347	129	14	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	09/18/08		F	CS	GENINORG	Sodium	Na	127	0.98	LANL Int BG LVL	12.19	5.2	0.045	mg/L	1				SW-846:6010B	GELC

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Fid QC Type Code	Fid Prep Code	Lab Sample Type Code	Any1 Suite Code	Analyte Desc	Analyte	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Any1 Meth Code	Lab Code
C5	10	14	06/23/06	44.3	347	129	14	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	09/18/08	FD	F	CS	GENINORG	Sodium	Na	131	1.02	LANL Int BG LVL	12.19	5.4	0.045	mg/L	1			SW-846:6010B	GELC	
C5	10	20	06/23/06	184	1230	395	20	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	09/18/08	FD	F	CS	GENINORG	Total Dissolved Solids	TDS	495	1.25	LANL Int BG LVL	127	2.0	2.4	mg/L	1			EPA:160.1	GELC	
C5	10	20	06/23/06	184	1230	395	20	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	09/18/08		F	CS	GENINORG	Total Dissolved Solids	TDS	498	1.26	LANL Int BG LVL	127	2.0	2.4	mg/L	1			EPA:160.1	GELC	
C5	10	14	06/23/06	4.5	681	37.1	14	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	09/18/08		F	CS	METALS	Manganese	Mn	105	2.83	LANL Int BG LVL	2	26.3	2	ug/L	1			SW-846:6010B	GELC	
C5	10	14	06/23/06	4.5	681	37.1	14	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	09/18/08	FD	F	CS	METALS	Manganese	Mn	99.6	2.68	LANL Int BG LVL	2	24.9	2	ug/L	1			SW-846:6010B	GELC	
C5	10	14	06/23/06	1.5	14.5	3.1	14	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	09/18/08	FD	F	CS	METALS	Nickel	Ni	4.6	1.48	LANL Int BG LVL	1	2.3	0.5	ug/L	1			SW-846:6020	GELC	
C5	10	14	06/23/06	1.5	14.5	3.1	14	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	09/18/08		F	CS	METALS	Nickel	Ni	4.6	1.48	LANL Int BG LVL	1	2.3	0.5	ug/L	1			SW-846:6020	GELC	
C5	10	14	06/23/06	3.3	64.9	13.4	13	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	09/18/08		F	CS	METALS	Zinc	Zn	41.6	3.10	LANL Int BG LVL	2	10.4	2	ug/L	1			SW-846:6010B	GELC	
C5	10	14	06/23/06	3.3	64.9	13.4	13	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	09/18/08	FD	F	CS	METALS	Zinc	Zn	42.1	3.14	LANL Int BG LVL	2	10.5	2	ug/L	1			SW-846:6010B	GELC	
C5	7	7	09/22/00	0.409	0.71	0.513	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-19	909.3	09/16/08		F	CS	GENINORG	Fluoride	F(-1)	0.513	1.00	LANL Int BG LVL	0.23	1.1	0.033	mg/L	1			EPA:300.0	GELC	
C5	3	5	09/06/07	3.6	21.2	4.3	5	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-23i	400.3	09/16/08		F	CS	METALS	Zinc	Zn	21.2	4.93	LANL Int BG LVL	2	5.3	2	ug/L	1			SW-846:6010B	GELC	
C5	8	9	10/03/06	0.146	0.281	0.198	9	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	R-23i	470.2	09/15/08		F	CS	GENINORG	Perchlorate	CIO4	0.281	1.42	LANL Int BG LVL	0.05	2.8	0.05	ug/L	1	J+	PE12f	SW-846:6850	GELC	
C5	7	7	09/26/00	1.69	32	7.9	7	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-19	1190.7	09/10/08		F	CS	METALS	Manganese	Mn	7.9	1.00	LANL Reg BG LVL	2.94	1.3	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC
C5	6	11	03/15/04	1.94	32.4	14.8	11	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-20	907	09/18/08		UF	CS	GENINORG	Total Organic Carbon	TOC	3.51	0.24	LANL Reg BG LVL	0.33	5.3	0.33	mg/L	1			SW-846:9060	GELC	
C5	7	10	03/11/04	14.3	28.5	16.5	10	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-20	907	09/18/08		F	CS	METALS	Manganese	Mn	27.3	1.65	LANL Reg BG LVL	2.94	4.6	2	ug/L	1			SW-846:6010B	GELC	
C5	6	11	03/10/04	1.53	51.7	38.3	11	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-20	1149.7	09/18/08		UF	CS	GENINORG	Total Organic Carbon	TOC	1.59	0.04	LANL Reg BG LVL	0.33	2.4	0.33	mg/L	1			SW-846:9060	GELC	
C5	7	10	03/10/04	58	392	344	10	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-20	1149.7	09/18/08		F	CS	METALS	Manganese	Mn	58.4	0.17	LANL Reg BG LVL	2.94	9.9	2	ug/L	1			SW-846:6010B	GELC	
C5	11	12	03/08/01	84.8	175	150	11	Pajarito Canyon (includes Twomile and Threemile Canyons)	Regional	R-22	1273.5	09/17/08		F	CS	METALS	Barium	Ba	147	0.98	LANL Reg BG LVL	56.83	1.3	1	ug/L	1			SW-846:6010B	GELC	
C5	5	5	01/23/07	0.158	0.395	0.338	5	Water Canyon (includes Cañon de Valle, Potrillo, and Fence Canyons)	Alluvial	CDV-16-02656	3	10/07/08		F	CS	GENINORG	Perchlorate	CIO4	0.275	0.81	LANL Avi BG LVL	0.05	2.8	0.05	ug/L	1			SW-846:6850	GELC	
C5	31	33	03/23/00	2030	5150	2970	32	Water Canyon (includes Cañon de Valle, Potrillo, and Fence Canyons)	Alluvial	CDV-16-02656	3	10/07/08		F	CS	METALS	Barium	Ba	3680	1.24	LANL Avi BG LVL	68.57	26.8	1	ug/L	1			SW-846:6010B	GELC	
C5	5	8	01/29/07	13.9	24.7	20.9	8	Water Canyon (includes Cañon de Valle, Potrillo, and Fence Canyons)	Intermediate Spring	Burning Ground Spring	0	10/07/08		F	CS	GENINORG	Chloride	Cl(-1)	18.7	0.89	LANL Int BG LVL	7.78	1.2	0.066	mg/L	1	J+	I6b	EPA:300.0	GELC	
C5	5	8	01/29/07	13.9	24.7	20.9	8	Water Canyon (includes Cañon de Valle, Potrillo, and Fence Canyons)	Intermediate Spring	Burning Ground Spring	0	10/07/08	FD	F	CS	GENINORG	Chloride	Cl(-1)	18.6	0.89	LANL Int BG LVL	7.78	1.2	0.066	mg/L	1	J+	I6b	EPA:300.0	GELC	
C5	5	8	01/29/07	0.518	0.654	0.552	8	Water Canyon (includes Cañon de Valle, Potrillo, and Fence Canyons)	Intermediate Spring	Burning Ground Spring	0	10/07/08		F	CS	GENINORG	Perchlorate	CIO4	0.654	1.18	LANL Int BG LVL	0.05	6.5	0.05	ug/L	1			SW-846:6850	GELC	
C5	5	8	01/29/07	0.518	0.654	0.552	8	Water Canyon (includes Cañon de Valle, Potrillo, and Fence Canyons)	Intermediate Spring	Burning Ground Spring	0	10/07/08	FD	F	CS	GENINORG	Perchlorate	CIO4	0.631	1.14	LANL Int BG LVL	0.05	6.3	0.05	ug/L	1			SW-846:6850	GELC	
C5	49	61	01/10/00	146	256	182	55	Water Canyon (includes Cañon de Valle, Potrillo, and Fence Canyons)	Intermediate Spring	Burning Ground Spring	0	10/07/08	FD	F	CS	METALS	Barium	Ba	189	1.04	LANL Int BG LVL	71.83	1.3	1	ug/L	1			SW-846:6010B	GELC	
C5	49	61	01/10/00	146	256	182	55	Water Canyon (includes Cañon de Valle, Potrillo, and Fence Canyons)	Intermediate Spring	Burning Ground Spring	0	10/07/08		F	CS	METALS	Barium	Ba	190	1.04	LANL Int BG LVL	71.83	1.3	1	ug/L	1			SW-846:6010B	GELC	
C5	5	6	02/01/07	0.204	0.246	0.232	6	Water Canyon (includes Cañon de Valle, Potrillo, and Fence Canyons)	Intermediate	R-26	659.3	10/07/08		F	CS	GENINORG	Perchlorate	CIO4	0.228	0.98	LANL Int BG LVL	0.05	2.3	0.05	ug/L	1			SW-846:6850	GELC	
C5	6	6	09/26/05	7.19	7.9	7.57	6	White Rock Canyon and Rio Grande	Regional Spring	Spring 4B	0	09/29/08		F	CS	GENINORG	Chloride	Cl(-1)	7.61	1.01	LANL Reg BG LVL	3.57	1.1	0.066	mg/L	1			EPA:300.0	GELC	
C5	5	5	09/18/06	0.979	1.54	1.38	5	White Rock Canyon and Rio Grande	Regional Spring	Spring 4B	0	09/29/08		UF	CS	GENINORG	Total Organic Carbon	TOC	1.38	1.00	LANL Reg BG LVL	0.33	2.1	0.33	mg/L	1			SW-846:9060	GELC	
C5	9	10	10/31/01	0.3	0.433	0.32	10	White Rock Canyon and Rio Grande	Water Supply	Buckman 1	258	07/15/08		UF	CS	GENINORG	Perchlorate	CIO4	0.3	0.94	LANL Reg BG LVL	0.05	3.0	0.05	ug/L	1			SW-846:6850	GELC	
C5	10	10	10/31/01	0.244	0.301	0.281	10	White Rock Canyon and Rio Grande	Water Supply	Buckman 8	380	07/15/08		UF	CS	GENINORG	Perchlorate	CIO4	0.286	1.02	LANL Reg BG LVL	0.05	2.9	0.05	ug/L	1			SW-846:6850	GELC	
C6	10	10	06/27/06	149	26600	1585	10	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-10	20.6	09/18/08		F	CS	METALS	Aluminum	Al	8930	5.63	NM GW STD	5000	3.6	68	ug/L	1			SW-846:6010B	GELC	
C6	10	16	06/27/06	1.95	11.8	5.1	16	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-10	20.6	09/18/08		UF	CS	VOA	Dichloroethene[1,1-]	75-35-4	11.8	2.31	NM GW STD	5	4.7	0.3	ug/L	1			SW-846:8260B	GELC	
C6	10	16	06/27/06	1.95	11.8	5.1	16	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-10	20.6	09/18/08		UF	DL	VOA	Dichloroethene[1,1-]	75-35-4	11.6	2.27	NM GW STD	5	4.6	1.5	ug/L	5	J	V88	SW-846:8260B	GELC	
C6	10	14	06/23/06	81.1	35600	1847	14	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	09/18/08		F	CS	METALS	Aluminum	Al	6340	3.43	NM GW STD	5000	2.5	68	ug/L	1			SW-846:6010B	GELC	

Criteria Code	Visits	Samples	First Event	Min Detect	Max Detect	Median Detect	Num Detect	Hdr 1	Zone	Location	Port Depth	Start Date	Fid QC Type Code	Fid Prep Code	Lab Sample Type Code	Any1 Suite Code	Analyte Desc	Analyte	Std Result	Result/Median	LVL Type/Risk Code	Screen Level	Exceedance Ratio	Std Mdl	Std Uom	Dilution Factor	Lab Qual Code	Concat Flag Code	Concat Reason Code	Any1 Meth Code	Lab Code	
C6	10	14	06/23/06	81.1	35600	1847	14	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	09/18/08	FD	F	CS	METALS	Aluminum	Al	6200	3.36	NM GW STD	5000	2.5	68	ug/L	1				SW-846:6010B	GELC	
C6	10	14	06/23/06	94.7	21300	1480	13	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	09/18/08		F	CS	METALS	Iron	Fe	3470	2.34	NM GW STD	1000	6.9	25	ug/L	1				SW-846:6010B	GELC	
C6	10	14	06/23/06	94.7	21300	1480	13	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	09/18/08	FD	F	CS	METALS	Iron	Fe	3390	2.29	NM GW STD	1000	6.8	25	ug/L	1				SW-846:6010B	GELC	
C6	10	14	06/23/06	4.5	681	37.1	14	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	09/18/08		F	CS	METALS	Manganese	Mn	105	2.83	NM GW STD	200	1.1	2	ug/L	1				SW-846:6010B	GELC	
C6	10	22	06/23/06	38.8	4790	335	22	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	09/18/08	FD	UF	CS	VOA	Dioxane[1,4-]	123-91-1	4790	14.30	EPA TAP SCRNLVL C-5	61.12	156.7	15	ug/L	1	J	V7b	SW-846:8260B	GELC		
C6	10	22	06/23/06	38.8	4790	335	22	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	09/18/08		UF	DL	VOA	Dioxane[1,4-]	123-91-1	4640	13.85	EPA TAP SCRNLVL C-5	61.12	151.8	75	ug/L	5	J	V88	SW-846:8260B	GELC		
C6	10	22	06/23/06	38.8	4790	335	22	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	09/18/08		UF	CS	VOA	Dioxane[1,4-]	123-91-1	4180	12.48	EPA TAP SCRNLVL C-5	61.12	136.8	15	ug/L	1	J	V7b	SW-846:8260B	GELC		
C6	10	22	06/23/06	38.8	4790	335	22	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	09/18/08	FD	UF	DL	VOA	Dioxane[1,4-]	123-91-1	4760	14.21	EPA TAP SCRNLVL C-5	61.12	155.8	75	ug/L	5	H	J	V88	SW-846:8260B	GELC	
C6	10	22	06/23/06	1.26	19.4	5.51	22	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	09/18/08		UF	DL	VOA	Dichloroethene[1,1-]	75-35-4	19.4	3.52	NM GW STD	5	7.8	1.5	ug/L	5	J	V88	SW-846:8260B	GELC		
C6	10	22	06/23/06	1.26	19.4	5.51	22	Pajarito Canyon (includes Twomile and Threemile Canyons)	Intermediate	03-B-13	21.5	09/18/08	FD	UF	CS	VOA	Dichloroethene[1,1-]	75-35-4	17.2	3.12	NM GW STD	5	6.9	0.3	ug/L	1				SW-846:8260B	GELC	
Dec 2008																																
C5	5	6	01/24/07	0.109	0.39	0.224	6	Water Canyon (includes Cañon de Valle, Potrillo, and Fence Canyons)	Alluvial	MSC-16-06295	1.5	10/16/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	0.195	0.87	LANL Avl BG LVL	0.05	2.0	0.024	mg/L	1	J	I4a	EPA:365.4	GELC		
C5	21	22	03/23/00	161	347	245	18	Water Canyon (includes Cañon de Valle, Potrillo, and Fence Canyons)	Alluvial	MSC-16-06295	1.5	10/16/08		F	CS	METALS	Boron	B	247	1.01	LANL Avl BG LVL	51.89	2.4	10	ug/L	1				SW-846:6010B	GELC	
C5	26	28	03/23/00	12.4	3340	170	28	Water Canyon (includes Cañon de Valle, Potrillo, and Fence Canyons)	Alluvial	MSC-16-06295	1.5	10/16/08		F	CS	METALS	Manganese	Mn	627	3.69	LANL Avl BG LVL	2	156.8	2	ug/L	1				SW-846:6010B	GELC	
C5	26	28	03/23/00	4.9	79	16.1	21	Water Canyon (includes Cañon de Valle, Potrillo, and Fence Canyons)	Alluvial	MSC-16-06295	1.5	10/16/08		F	CS	METALS	Zinc	Zn	10.3	0.64	LANL Avl BG LVL	2	2.6	2	ug/L	1				SW-846:6010B	GELC	
C5	5	5	01/30/07	0.192	0.345	0.234	5	Water Canyon (includes Cañon de Valle, Potrillo, and Fence Canyons)	Intermediate Spring	Water Canyon Gallery	0	10/17/08		F	CS	GENINORG	Perchlorate	CIO4	0.234	1.00	LANL Int BG LVL	0.05	2.3	0.05	ug/L	1				SW-846:6850	GELC	
C5	4	5	05/21/07	0.486	0.538	0.512	5	Water Canyon (includes Cañon de Valle, Potrillo, and Fence Canyons)	Intermediate	CdV-16-1(i)	624	10/20/08		F	CS	GENINORG	Perchlorate	CIO4	0.507	0.99	LANL Int BG LVL	0.05	5.1	0.05	ug/L	1				SW-846:6850	GELC	
C5	8	10	06/01/05	53.3	65.4	59.5	10	Water Canyon (includes Cañon de Valle, Potrillo, and Fence Canyons)	Intermediate	CdV-16-1(i)	624	10/20/08		F	CS	METALS	Boron	B	55.8	0.94	LANL Int BG LVL	15.12	1.9	10	ug/L	1				SW-846:6010B	GELC	
C5	8	10	06/01/05	3.2	7.4	4.7	10	Water Canyon (includes Cañon de Valle, Potrillo, and Fence Canyons)	Intermediate	CdV-16-1(i)	624	10/20/08		F	CS	METALS	Nickel	Ni	7.4	1.57	LANL Int BG LVL	1	3.7	0.5	ug/L	1				SW-846:6020	GELC	
C5	8	10	06/01/05	5	25.5	7.7	8	Water Canyon (includes Cañon de Valle, Potrillo, and Fence Canyons)	Intermediate	CdV-16-1(i)	624	10/20/08		F	CS	METALS	Zinc	Zn	25.5	3.31	LANL Int BG LVL	2	6.4	2	ug/L	1				SW-846:6010B	GELC	
C5	6	6	02/08/02	0.22	4.2	1.03	6	Water Canyon (includes Cañon de Valle, Potrillo, and Fence Canyons)	Regional	R-25	1406.3	10/17/08		F	CS	GENINORG	Total Phosphate as Phosphorus	PO4-P	0.861	0.84	LANL Reg BG LVL	0.16	2.7	0.024	mg/L	1				EPA:365.4	GELC	
C5	6	6	08/24/05	5.4	10.9	9.8	6	Ancho Canyon	Regional	Test Well DT-5A	1172	10/17/08		F	CS	METALS	Manganese	Mn	9.9	1.01	LANL Reg BG LVL	2.94	1.7	2	ug/L	1	J	J	J_LAB	SW-846:6010B	GELC	
C5	6	6	08/24/05	170	228	176	6	Ancho Canyon	Regional	Test Well DT-5A	1172	10/17/08		F	CS	METALS	Zinc	Zn	175	0.99	LANL Reg BG LVL	3.89	22.5	2	ug/L	1				SW-846:6010B	GELC	
C5	6	10	07/20/05	88.2	113	99.6	10	Ancho Canyon	Regional	Test Well DT-9	1040	10/15/08		F	CS	METALS	Zinc	Zn	88.5	0.89	LANL Reg BG LVL	3.89	11.4	2	ug/L	1				SW-846:6010B	GELC	
C5	6	10	07/20/05	88.2	113	99.6	10	Ancho Canyon	Regional	Test Well DT-9	1040	10/15/08	FD	F	CS	METALS	Zinc	Zn	91.1	0.91	LANL Reg BG LVL	3.89	11.7	2	ug/L	1				SW-846:6010B	GELC	
C5	6	7	07/19/05	65.1	112	74.2	7	Ancho Canyon	Regional	Test Well DT-10	1080	10/16/08		F	CS	METALS	Zinc	Zn	68.2	0.92	LANL Reg BG LVL	3.89	8.8	2	ug/L	1				SW-846:6010B	GELC	
C5	5	6	09/18/06	1.41	2.39	2.25	6	White Rock Canyon and Rio Grande	Regional Spring	Spring 2	0	09/29/08		UF	CS	GENINORG	Total Organic Carbon	TOC	2.22	0.99	LANL Reg BG LVL	0.33	3.4	0.33	mg/L	1				SW-846:9060	GELC	