SUMMARY OF LABORATORY TEST RESULTS

Project: U.S. Army Corps of Engineers Assigned By: _____

Project Number: 19082
Boring: B-1G

Current Date: 12/16/05

Sample Number	Depth in Feet	Visual Classification	USCS	E(f)	W%	Dry Dens (pcf)	Wet Dens (pcf)	Sat %	Shear Test Type	Angle	Cohesion (psf)	Unconf. Comp. Str.	LL	PL	PI	TORVANE (tsf)	Other Tests
1	0.0	M GR & T CH3 W/ ARS & LYS SP, SIF	CH3		31												
2	2.5	M GR & T CH3 W/ ARS SP, WD, SIF	CH3		40												
3	5.0	SO GR CH4 W/ ARS SM, O	CH4	6	113	62	98	90	UC	--	401.0					0.220	
4	7.5	SO GR CH4 W/ RT	CH4		86												
5	10.0	M GR CH4 W/ WD, SL	CH4	9	106	58	91	80	UC	--	538.5					0.060	
6	12.5	SO BR CHOB W/ RT	CHOB		265												
7	15.0	VSO GR CH4 W/ ARS ML, WD	CH4	6	70	57	97	96	UC	--	157.1					0.050	
8	17.5	SO GR CL4	CL4		36												
9	20.0	* VSO GR CH3 W/ ARS & LNS ML, SL	CH3	6	48	67	99	85	UC	--	245.2						
10	22.5	M GR CL4 W/ LNS & LYS CH	CL4		35												
11	25.0	SO GR CH3 W/ LNS & LYS ML	CH3	9	44	72	104	89	UC	--	268.2					0.120	
12	27.5	M GR CH4 W/SL	CH4		68												
13	30.0	SO GR CH4 W/ SL	CH4	9	60	63	101	96	UC	--	369.2					0.100	
14	32.5	M GR CH4 W/ LNS ML, SL	CH4		51												
15	35.0	SO GR CH4 w/ SL	CH4	5	55	63	98	89	UC	--	468.7					0.200	
16	37.5	M GR CH4 W/ SL	CH4		71												
17	40.0	SO GR CH4 W/ LNS ML, TR-WD	CH4	13	53	64	98	87	UC	--	440.8					0.200	
18	42.5	M GR CH4 W/ ARS SM, SL	CH4		62												
19	45.0	M GR CH4 W/ ARS & LNS SM	CH4	13	53	65	100	89	UC	--	502.5					0.200	
20	47.5	GR SM1 W/ SIF	SM1		23												
21	50.0	M GR CH3 W/ ARS SM, SL	CH3	6	56	64	100	91	UC	--	947.4					0.300	
22	52.5	ST GR CH4 W/ ARS & LNS SM, SL	CH4		71												
23	55.0	SO GR CH3 W/ LNS & LYS SM, SL	CH3	5	35	79	107	83	UC	--	275.7					0.200	
24	57.5	M GR CL5 W/ SIF	CL5		25												
25	59.0	LGR SP W/ SIF	SP		21												
26	61.5	LGR SP W/ SIF	SP		22												PD
27	64.0	M LGR CL6	CL6		29												
28	65.5	M LGR CL6	CL6		26												
29	67.5	ST LGR CL6	CL6	3	29	88	114	87	UC	--	1976.7						
30	70.0	VST LGR & T CH2 W/ LYS CL	CH2		31												
31	72.5	ST LGR & T CH4 W/ ARS ML, SL	CH4	3	37	77	106	85	UC	--	1471.0					0.875	
32	75.0	VST LGR & T CH4 W/ LNS SM, SL	CH4		38												
33	77.5	ST GR CH4 W/ SL	CH4	4	30	90	117	92	UC	--	1775.8						
34	80.0	VST LGR & T CH4 W/ ARS ML, SL	CH4		34												
35	82.5	VST GR & T CH4 W/ SL	CH4	3	30	88	114	87	UC	--	2074.7						
36	85.0	M GR CL5 W/ ARS CH, SIF	CL5	6	50	69	104	93	UC	--	591.7					0.260	
37	87.5	GR ML2	ML2		25												

Remarks: _____
EUSTIS ENGINEERING COMPANY, INC.

Checked by: _____
File Name: 19082

SUMMARY OF LABORATORY TEST RESULTS

Project: U.S. Army Corps of Engineers Assigned By: _____

Project Number: 19082
Boring: B-1G

Current Date: 12/16/05

Sample Number	Depth in Feet	Visual Classification	USCS	E(f)	W%	Dry Dens (pcf)	Wet Dens (pcf)	Sat %	Shear Test Type	Angle	Cohesion (psf)	Unconf. Comp. Str.	LL	PL	PI	TORVANE (tsf)	Other Tests
38	90.0	GR ML2 W/ ARS CH	ML2		29												
39	92.5	GR ML2	ML2		26												
40	95.0	M GR CL4	CL4		22												
41	97.5	GR ML2	ML2		24												

Remarks: _____
EUSTIS ENGINEERING COMPANY, INC.

Checked by: _____
File Name: 19082

SUMMARY OF LABORATORY TEST RESULTS

Project: U.S. Army Corps of Engineers Assigned By: _____

Project Number: 19082
Boring: B-1WG

Current Date: 12/16/05

Sample Number	Depth in Feet	Visual Classification	USCS	E(f)	W%	Dry Dens (pcf)	Wet Dens (pcf)	Sat %	Shear Test Type	Angle	Cohesion (psf)	Unconf. Comp. Str.	LL	PL	PI	TORVANE (tsf)	Other Tests
1	0.0	GR SM1	SM1		17												
2	2.5	GR SM1-S W/ SIF	SM1-S		17												PD
3	5.0	GR SM1 W/ SIF	SM1		19												
4	7.5	GR SM1 W/ G	SM1-S		16												-#200= 4.9%
5	10.0	GR SM1 W/ SIF	SM1		18												
6	12.5	NO SAMPLE	NS														
7	14.0	SO DBR & GR CHOC W/ LYS CH	CHOC		254												
8	15.0	VSO GR CH4 W/ O, WD, RT	CH4	9	88	49	92	97	UC	--	203					0.200	
9	17.5	SO DGR & GR CHOA W/ LYS PT, WD	CHOA		169												
10	20.0	VSO GR & DGR CH4 W/ WD	CH4		125												
11	22.5	SO DBR CHOC W/ WD	CHOC		309												
12	25.0	VSO GR & DGR CHOB W/ WD, SIF	CHOB	3	113	39	83	92	UC	--	20						
13	27.5	VSO GR CH3 W/ LNS ML	CH3		51												
14	30.0	VSO GR CH4 W/ SL	CH4	10	80	52	94	97	UC	--	107					0.180	
15	32.5	SO GR CH4 W/ LNS ML, SL	CH4		70												
16	35.0	VSO GR CH4 W/ TR-WD	CH4	14	87	50	93	98	UC	--	162					0.180	
17	37.5	VSO GR & DGR CH4 W/ O, RT	CH4		66												
18	40.0	SO GR CH4 W/ ARS ML	CH4	11	66	59	98	95	UC	--	393					0.200	
19	42.5	SO GR CH4 W/ LNS ML	CH4		69												
20	45.0	VSO GR CH4 W/ LNS & ARS ML	CH4	12	62	61	99	95	UC	--	188					0.110	
21	47.5	SO GR CH4 W/ LNS ML	CH4		71												
22	50.0	VSO GR CL5 W/ ARS CH, SIF, WD	CL5	6	30	88	115	91	UC	--	216					0.200	
23	52.5	M GR CH4 W/ LNS SM, SIF	CH4		58												
24	55.0	LGR SP	SP		21												-#200= 3.1%
25	58.0	LGR SM1	SM1		27												
26	60.5	LGR SP	SP		25												PD
27	63.0	GR SP	SP		23												
28	65.5	GR SP	SP		24												-#200= 7.6%
29	68.0	GR SP	SP		22												
30	70.5	GR SP W/ TR-CC	SP		22												PD
31	73.0	SO DGR & GR CH2	CH2		34												
32	75.0	M GR & DGR CL6 W/ TR-WD	CL6	10	26	96	121	93	UC	--	694					0.290	
33	77.5	ST GNGR CL6 W/ TR-WD	CL6		26												
34	80.0	ST GR CL6 W/ ARS CH	CL6	7	25	97	121	90	UC	--	1085					0.300	

Remarks: _____

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EUSTIS ENGINEERING COMPANY, INC.

File Name: 19082

SUMMARY OF LABORATORY TEST RESULTS

Project: U.S. Army Corps of Engineers Assigned By: _____

Project Number: 19082 Current Date: 12/16/05
Boring: B-1WG

Sample Number	Depth in Feet	Visual Classification	USCS	E(f)	W%	Dry Dens (pcf)	Wet Dens (pcf)	Sat %	Shear Test Type	Angle	Cohesion (psf)	Unconf. Comp. Str.	LL	PL	PI	TORVANE (tsf)	Other Tests
35	82.5	ST GR CL4	CL4		24												
36	85.0	M GR CL4 W/ ARS CH	CL4	5	26	97	122	96	UC	--	570						
37	87.5	ST GR CL4 W/ LYS CH	CL4		26												
38	90.0	GR SM1	SM1		25												
39	92.5	VSO GR CL3	CL3		26												-#200= 48.5%
40	93.5	GR SM1	SM1		24												
41	96.0	GR SM1-S	SM1-S		24												-#200= 15.3%
42	98.5	GR SM1	SM1		32												

Remarks: _____
EUSTIS ENGINEERING COMPANY, INC.

Checked by: _____
File Name: 19082

SUMMARY OF LABORATORY TEST RESULTS

Project: U.S. Army Corps of Engineers Assigned By: _____

Project Number: 19082
Boring: B-2G

Current Date: 12/16/05

Sample Number	Depth in Feet	Visual Classification	USCS	E(f)	W%	Dry Dens (pcf)	Wet Dens (pcf)	Sat %	Shear Test Type	Angle	Cohesion (psf)	Unconf. Comp. Str.	LL	PL	PI	TORVANE (tsf)	Other Tests
1	0.0	ST T & DGR CH4 W/ ARS ML, RT	CH4		35												
2	2.5	M GR & T CH4 W/ ARS SM, CC	CH4	6	49	70	104	94	UC	-	753					0.550	
3	5.0	SO GR CH4	CH4		66												
4	7.5	VSO DGR & GR CHOA W/ RT	CHOA	11	126	37	83	96	UC	-	97					0.110	
5	10.0	VSO BR CHOA W/ WD, RT	CHOA	14	129	36	82	95	UC	-	115					0.150	
6	12.5	SO GR CH4 W/ WD	CH4		90												
7	15.0	SO GR CL4 W/ LYS CH	CL4	17	32	86	114	92	UC	-	329					0.150	
8	17.5	SO GR CH2	CH2		36												
9	20.0	VSO GR CH4 W/ LNS ML, TR WD	CH4	20	62	63	101	97	UC	-	127					0.130	
10	22.5	SO GR CH3 W/ LYS ML	CH3		51												
11	25.0	VSO GR CH4 W/ SL	CH4	20	58	65	102	96	UC	-	167					0.130	
12	27.5	SO GR CH4	CH4		70												
13	30.0	SO GR CH4 W/ SL	CH4	16	57	65	102	96	UC	-	453					0.150	
14	32.5	SO GR CH4	CH4		54												
15	35.0	VSO GR CH4 W/ SL	CH4	12	69	58	97	96	UC	-	227					0.200	
16	37.5	SO GR CH4	CH4		68												
17	40.0	SO GR CH4 W/ LNS ML, SL	CH4	12	70	57	97	96	UC	-	393					0.250	
18	42.5	SO GR CH4	CH4		61												
19	45.0	VSO GR CL3 W/ SIF	CL3	5	23	102	125	95	UC	-	221						
20	47.5	SO GR CL3 W/ SIF	CL3		24												
21	50.	SO GR CL5 W/ SIF	CL5	7	30	88	115	90	UC	-	264					0.320	
22	52.5	SO GR CL5 W/ SIF	CL5		23												
23	55.0	SO GR CH3 W/ ARS & LNS SP	CH3	5	60	63	100	95	UC	-	494					0.220	
24	57.5	SO GR CL3	CL3	5	26	94	118	88	UC	-	168						
25	60.0	GR SM1 W/ ARS CH	SM1		29												
26	62.5	GR SM1	SM1		24												
27	65	ST DGR & GR CH4	CH4	8	59	63	100	94	UC	-	1023					0.350	
28	67.5	ST LGR CL6	CL6		22												
29	70.0	M LGR CL6	CL6	8	23	100	123	92	UC	-	668						
30	72.5	ST LGR CL6	CL6		20												
31	75.0	ST T & GR CH4 W/ LNS SM, SL	CH4	9	37	85	116	98	UC	-	1630					0.420	
32	77.5	VST T & GR CH4	CH4		35												
33	80.0	ST GR CH4 W/ LNS SM, SL	CH4	13	52	69	104	95	UC	-	1143					0.550	
34	82.5	M GR CH3 W/ LNS ML	CH3		48												
35	85.0	SO GR CL4	CL4	14	30	91	118	94	UC	-	440					0.150	
36	87.5	SO GR CL4 W/ ARS CH	CL4		23												
37	90.0	ST GR CH4 W/ SL	CH4	13	43	77	110	96	UC	-	1209					0.470	

Remarks: _____

Checked by: _____

EUSTIS ENGINEERING COMPANY, INC.

File Name: 19082

SUMMARY OF LABORATORY TEST RESULTS

Project: U.S. Army Corps of Engineers Assigned By: _____

Project Number: 19082
Boring: B-2G

Current Date: 12/16/05

Sample Number	Depth in Feet	Visual Classification	USCS	E(f)	W%	Dry Dens (pcf)	Wet Dens (pcf)	Sat %	Shear Test Type	Angle	Cohesion (psf)	Unconf. Comp. Str.	LL	PL	PI	TORVANE (tsf)	Other Tests
38	92.5	M GR CH4	CH4		45												
39	95.0	ST GR CH4 W/ SL, LNS SM	CH4	8	45	75	109	96	UC	-	1085					0.480	
40	97.5	M GR CH4	CH4		42												

Remarks: _____

Checked by: _____

EUSTIS ENGINEERING COMPANY, INC.

File Name: 19082

SUMMARY OF LABORATORY TEST RESULTS

Project: U.S. Army Corps of Engineers Assigned By: _____

Project Number: 19082
Boring: B-2WG

Current Date: 12/16/05

Sample Number	Depth in Feet	Visual Classification	USCS	E(f)	W%	Dry Dens (pcf)	Wet Dens (pcf)	Sat %	Shear Test Type	Angle	Cohesion (psf)	Unconf. Comp. Str.	LL	PL	PI	TORVANE (tsf)	Other Tests
1	0.0	ST GR CL6 W/ LYS CH, SIF	CL6		24												
2	2.5	ST GR CH2 W/ SIF	CH2		22												
3	5.0	M GR CH4 W/ LNS & LYS ML	CH4	16	43	74	107	91	UC	--	534					0.350	
4	7.5	M GR CL6 W/ LNS CH	CL6		41												
5	10.0	VSO GR CH4 W/ ARS SM, WD, SIF	CH4	20	50	69	103	93	UC	--	96						
6	12.5	WD	WD		330												
7	15.0	WD	WD		454												
8	17.5	SO GR CH4 W/ WD	CH4		140												
9	20.0	SO DGR & GR CHOB W/ WD	CHOB		216												
10	22.5	VSO GR CH4 W/ LNS ML	CH4	12	69	57	97	95	UC	--	191					0.120	
11	25.0	SO GR CH3 W/ LNS & LYS ML	CH3		66												
12	27.5	SO GR CH4 W/ LNS & LYS ML	CH4	10	51	69	104	94	UC	--	325					0.160	
13	30.0	SO GR CH4	CH4		74												
14	32.5	VSO GR CH4 W/ LNS ML	CH4	5	72	55	94	93	UC	--	246					0.150	
15	35.0	SO GR CH4	CH4		73												
16	37.5	SO GR CH4 W/ SL	CH4	9	66	58	96	93	UC	--	328					0.200	
17	40.0	SO GR CH4 W/ WD	CH4		69												
18	42.5	SO GR CH4 W/ LNS ML	CH4	9	62	60	98	93	UC	--	421					0.200	
19	45.0	SO GR CH4 W/ SL	CH4		73												
20	47.5	SO GR CH4 W/ SL	CH4	9	60	61	97	90	UC	--	429					0.260	
21	50.0	SO GR CL3 W/ SIF	CL3		29												
22	52.5	VSO GR CH4 W/ LYS SM, SIF	CH4	5	56	64	100	92	UC	--	193					0.150	
23	55.0	SO GR CH3 W/ ARS & LNS SM	CH3		51												
24	57.5	GR SM1 W/ ARS CH	SM1		25												
25	60.0	GR SM1-S W/ TR CC	SM1-S		24												PD
26	62.5	GR SM1	SM1		26												
27	65.0	GR SP	SP		26												-#200= 4.3%
28	67.5	GR SP	SP		24												
29	70.0	VST GNGR CH2	CH2		36												
30	72.5	VST GNGR CH3 W/ LNS ML	CH3		36												
31	75.0	GR SM1	SM1		23												
32	77.5	GR SM1-S	SM1-S		27												PD
33	80.0	GR SP	SP		27												
34	82.5	GR SP	SP		29												
35	85.0	GR SP	SP		27												-#200= 8.0%

Remarks: _____
EUSTIS ENGINEERING COMPANY, INC.

Checked by: _____
File Name: 19082

SUMMARY OF LABORATORY TEST RESULTS

Project: U.S. Army Corps of Engineers Assigned By: _____

Project Number: 19082
Boring: B-2WG

Current Date: 12/16/05

Sample Number	Depth in Feet	Visual Classification	USCS	E(f)	W%	Dry Dens (pcf)	Wet Dens (pcf)	Sat %	Shear Test Type	Angle	Cohesion (psf)	Unconf. Comp. Str.	LL	PL	PI	TORVANE (tsf)	Other Tests
36	87.5	GR SP	SP		26												
37	90.0	GR SP	SP		29												
38	92.5	GR SP	SP		31												-#200= 8.1%
39	95.0	GR SM1	SM1		28												
40	97.5	VSO GR CL3	CL3		32												

Remarks: _____
EUSTIS ENGINEERING COMPANY, INC.

Checked by: _____
File Name: 19082

SUMMARY OF LABORATORY TEST RESULTS

Project: U.S. Army Corps of Engineers Assigned By: _____

Project Number: 19082
Boring: B-3G

Current Date: 12/16/05

Sample Number	Depth in Feet	Visual Classification	USCS	E(f)	W%	Dry Dens (pcf)	Wet Dens (pcf)	Sat %	Shear Test Type	Angle	Cohesion (psf)	Unconf. Comp. Str.	LL	PL	PI	TORVANE (tsf)	Other Tests
1	0.0	ST GR & T CH2 W/ SIF, RT	CH2		32												
2	2.5	M DGR & GR CHOA W/ WD	CHOA		129												
3	5.0	VSO GR & DGR CH3 W/ TR-WD, LNS ML	CH3	13	70	55	93	90	UC	--	91					0.140	
4	7.5	SO GR & DGR CH3 W/ WD, LNS ML	CH3		76												
5	10.0	VSO GR & DGR CHOA W/ WD, ARS ML	CHOA	11	91	43	84	87	UC	--	102						
6	12.5	SO GR & DGR CH3 W/ WD, ARS ML	CH3		72												
7	15.0	SO GR CH3 W/ ARS ML, SIF	CH3		44												
8	16.5	VSO GR CH4 W/ LNS SM	CH4	9	59	63	100	94	UC	--	219					0.200	
9	17.5	VSO GR CH4 W/ LYS CL	CH4	19	51	69	104	94	UC	--	214						
10	20.0	SO GR CH2	CH2		41												
11	22.5	SO GR CH4 W/ LNS ML	CH4	7	45	74	107	93	UC	--	264					0.300	
12	25.0	M GR CH4 W/ LNS ML	CH4		68												
13	27.5	SO GR CH4 W/ LNS SM	CH4	8	51	69	104	94	UC	--	343					0.270	
14	30.0	M GR CH4	CH4		54												
15	32.5	SO GR CH4 W/ SL	CH4	6	67	58	96	93	UC	--	356					0.220	
16	35.0	M GR CH4 W/ SL	CH4		69												
17	37.5	SO GR CH4 W/ SL	CH4	9	63	60	97	93	UC	--	372					0.250	
18	40.0	M GR CH4 W/ ARS SM	CH4		50												
19	42.5	SO GR CH4 W/ LYS SM, SL	CH4	15	68	57	96	93	UC	--	384					0.200	
20	45.0	SO GR CL3 W/ SIF	CL3		27												
21	47.5	SO GR CH3 W/ LYS SM, SIF	CH3	5	43	73	104	87	UC	--	291						
22	50.0	M GR CH3 W/ ARS & LNS SM	CH3		48												
23	52.5	SO GR CL5 W/ SIF	CL5	6	28	90	115	87	UC	--	274					0.300	
24	55.0	VSO GR CL3 W/ LYS CH	CL3	3	23	97	120	86	UC	--	191						
25	57.5	GR SM1 W/ ARS CH	SM1		21												
26	60.0	GR SM1	SM1		22												
27	62.5	SO GR CH2 W/ SIF	CH2		41												
28	65.0	M LGR CL6 W/ RT	CL6	11	23	101	124	92	UC	--	842					0.520	
29	67.5	M LGR CL6	CL6	11	21	105	127	93	UC	--	862					0.925	
30	70.0	LGR SM1	SM1		21												
31	72.5	LGR SM1	SM1		19												
32	75.0	ST GR CH4 W/ LNS SM, CC	CH4		35												
33	76.5	M GR CH4 W/ LNS SM	CH4	9	39	80	112	95	UC	--	957					0.430	
34	77.5	M GR CH4 W/ LNS SM, CC, SL	CH4		43												
35	80.0	ST GR CH4 W/ LNS SM, SL, RT	CH4		48												
36	82.5	M GR CH4 W/ LNS & LYS ML, SL	CH4	7	57	66	104	99	UC	--	593					0.370	
37	85.0	M GR CH4 W/ SL	CH4		51												

Remarks: _____

Checked by: _____

EUSTIS ENGINEERING COMPANY, INC.

File Name: 19082

SUMMARY OF LABORATORY TEST RESULTS

Project: U.S. Army Corps of Engineers Assigned By: _____

Project Number: 19082
Boring: B-3G

Current Date: 12/16/05

Sample Number	Depth in Feet	Visual Classification	USCS	E(f)	W%	Dry Dens (pcf)	Wet Dens (pcf)	Sat %	Shear Test Type	Angle	Cohesion (psf)	Unconf. Comp. Str.	LL	PL	PI	TORVANE (tsf)	Other Tests
38	87.5	M GR CL4 W/ LNS CH	CL4	10	26	95	120	93	UC	--	792					0.350	
39	90.0	M GR CH4 W/ LNS SM	CH4		52												
40	92.5	ST GR CH4 W/ LNS SM, SL	CH4		42												
41	95.0	ST GR CH4 W/ SL, LNS ML	CH4	9	37	83	114	95	UC	--	1169					0.460	
42	97.5	M GR CH4 W/ LYS CL	CH4	10	43	77	110	96	UC	--	898					0.400	

Remarks: _____

EUSTIS ENGINEERING COMPANY, INC.

Checked by: _____

File Name: 19082

SUMMARY OF LABORATORY TEST RESULTS

Project: U.S. Army Corps of Engineers Assigned By: _____

Project Number: 19082
Boring: B-3WG

Current Date: 12/16/05

Sample Number	Depth in Feet	Visual Classification	USCS	E(f)	W%	Dry Dens (pcf)	Wet Dens (pcf)	Sat %	Shear Test Type	Angle	Cohesion (psf)	Unconf. Comp. Str.	LL	PL	PI	TORVANE (tsf)	Other Tests
1	0.0	M GR & T CH4 W/ ARS SM, TR-WD	CH4	6	36	84	114	95	UC	--	566.1					0.375	
2	2.5	M GR CH4 W/ TR-WD	CH4	8	42	71	100	82	UC	--	885.8					0.375	
3	5.0	SO GR CH4 W/ LYS SM, WD	CH4		37												
4	7.5	SO GR CL4 W/ RT	CL4		27												
5	10.0	VSO GR CL4 W/ RT	CL4	4	40	80	113	99	UC	--	116.8						
6	12.5	SO GR CL4	CL4	9	28	93	119	92	UC	--	480.0					0.150	
7	15.0	WD	WD		309												
8	17.5	VSO DGR & GR CHOB	CHOB		141												
9	20.0	SO GR CH4 W/ TR-WD, SL	CH4	7	76	53	94	94	UC	--	332.1					0.130	
10	22.5	SO GR CL6 W/ LNS CH, CC	CL6		30												
11	25.0	SO GR CH4 W/ LNS ML, SL	CH4	8	63	60	98	94	UC	--	259.3					0.180	
12	27.5	SO GR CH4 W/ ARS ML	CH4		73												
13	30.0	SO GR CH4 W/ ARS SM	CH4	13	55	66	102	95	UC	--	302.4					0.160	
14	32.5	SO GR CH4	CH4		49												
15	35.0	SO GR CH4 W/ SL	CH4	8	57	64	100	93	UC	--	401.0					0.200	
16	37.5	SO GR CH4 W/ SL	CH4		68												
17	40.0	SO GR CH4 W/ SL	CH4	8	67	58	97	96	UC	--	356.0					0.150	
18	42.5	SO GR CH4 W/ LNS ML	CH4		64												
19	45.0	M GR CH4	CH4	13	57	64	101	94	UC	--	505.2					0.240	
20	47.5	SO GR CH4 W/ SL	CH4		69												
21	50.0	SO GR CH4 W/ ARS SM, SIF, SL	CH4	7	50	67	101	89	UC	--	493.8					0.250	
22	52.5	SO GR CH4 W/ ARS SM, SIF, SL	CH4		58												
23	55.0	SI W/ GP	SI		20												
24	57.5	SI W/ GP, ARS SM	SI		29												PD
25	61.0	SI W/ GP	SI		26												
26	63.5	SO GR CH3 W/ ARS SM, SIF	CH3		33												
27	65.0	VSO GR CL6 W/ LNS & ARS CH	CL6	8	30	88	115	89	UC	--	136.2					0.250	
28	67.5	SO GR CL4	CL4	10	27	100	126	102	UC	--	379.9					0.110	
29	70.0	GR SM1	SM1		24												
30	72.5	GR SM1	SM1		20												
31	75.0	GR SM1-s W/ TR SIF	SM1-s		27												PD
32	77.5	GR SM1 W/ SIF	SM1		22												
33	80.0	GR SM1	SM1		23												
34	82.5	GR SM1	SM1		25												
35	85.0	GR SM1-s	SM1-s		27												-200 = 11.2%
36	87.5	GR SM1 W/ GP	SM1		15												

Remarks: _____
EUSTIS ENGINEERING COMPANY, INC.

Checked by: _____
File Name: 19082

SUMMARY OF LABORATORY TEST RESULTS

Project: U.S. Army Corps of Engineers Assigned By: _____

Project Number: 19082
Boring: B-3WG

Current Date: 12/16/05

Sample Number	Depth in Feet	Visual Classification	USCS	E(f)	W%	Dry Dens (pcf)	Wet Dens (pcf)	Sat %	Shear Test Type	Angle	Cohesion (psf)	Unconf. Comp. Str.	LL	PL	PI	TORVANE (tsf)	Other Tests
37	90.0	GR SM1 W/ GP	SM1		25												
38	92.5	GR SP	SP		23												PD
39	95.0	GR SM1	SM1		24												
40	97.5	GR SM1	SM1		25												

Remarks: _____
EUSTIS ENGINEERING COMPANY, INC.

Checked by: _____
File Name: 19082

SUMMARY OF LABORATORY TEST RESULTS

Project: U.S. Army Corps of Engineers Assigned By: _____

Project Number: 19082
Boring: B-4G

Current Date: 12/16/05

Sample Number	Depth in Feet	Visual Classification	USCS	E(f)	W%	Dry Dens (pcf)	Wet Dens (pcf)	Sat %	Shear Test Type	Angle	Cohesion (psf)	Unconf. Comp. Str.	LL	PL	PI	TORVANE (tsf)	Other Tests
1	0.0	ST GR & T CH3 W/ ARS & LNS SM, RT	CH3	11	28	93	119	91	UC	--	1577.5					0.750	
2	2.5	M GR & T CH3 W/ ARS SM, SIF	CH3	4	43	74	105	89	UC	--	755.8					0.375	
3	5.0	M GR & T CH4 W/ TR-WD, SL	CH4	9	59	64	102	97	UC	--	560.6					0.350	
4	7.5	SO GR & DGR CH4 W/ O, WD	CH4	5	78	53	94	95	UC	--	408.3					0.250	
5	10.0	SO GR CH4 W/ TR-WD	CH4	7	80	51	92	94	UC	--	337.7					0.160	
6	12.5	VSO GR & DGR CHOB W/ WD	CHOB	6	155	31	80	96	UC	--	75.8					0.060	
7	15.0	VSO DGR & GR CL6 W/ ARS CH	CL6		64												
8	17.5	VSO GR CH4 W/ LNS ML	CH4	6	63	61	100	97	UC	--	76.3					0.100	
9	20.0	SO GR CH3 W/ ARS & LNS ML	CH3		42												
10	22.5	SO GR CH4 W/ LNS ML	CH4	8	63	60	98	94	UC	--	257.3					0.100	
11	25.0	SO GR CH4 W/ SL	CH4		62												
12	27.5	SO GR CH4 W/ SL	CH4	7	73	54	94	73	UC	--	301.8					0.100	
13	30.0	SO GR CH4 W/ LNS ML	CH4		71												
14	32.5	SO GR CH4 W/ LNS & ARS ML	CH4	10	50	70	106	97	UC	--	319.8					0.150	
15	35.0	SO GR CH4 W/ SL	CH4		67												
16	37.5	SO GR CH4 W/ LNS ML	CH4	16	61	63	102	98	UC	--	394.4					0.150	
17	40.0	SO GR CH4 W/ SL	CH4		66												
18	42.5	SO GR CH4 W/ ARS SM	CH4	9	58	65	102	97	UC	--	461.6					0.180	
19	45.0	SO GR CH4 W/ LNS ML	CH4	13	71	57	97	98	UC	--	329.7					0.150	
20	47.5	VSO GR CL3 W/ SIF	CL3		57												
21	50.0	SO GR CH4 W/ ARS & LNS SM, SIF	CH4	8	40	79	110	94	UC	--	361.6					0.120	
22	52.5	SO GR CH4 W/ ARS & LNS SM	CH4	6	45	72	104	90	UC	--	389.0					0.200	
23	55.0	SO GR CH4 W/ LNS ML	CH4		52												
24	57.5	SO GR CH4 W/ ARS SM, SIF	CH4	11	44	78	112	100	UC	--	379.5					0.180	
25	60.0	SO GR CH3 W. LNS & LYS SM, SIF, WD	CH3		53												
26	62.5	M GR CL4 W/ SIF	CL4	5	25	99	124	95	UC	--	508.5						
27	65.0	M GR CH4 W/ LYS SM, SIF	CH4		45												
28	67.5	M GR CH4 W/ ARS SM	CH4	7	38	83	114	97	UC	--	905.1					0.300	
29	70.0	ST GR CH4 W/ SL, SIF	CH4		45												
30	72.5	M GR CH2 W/ TR-WD	CH2	10	26	97	121	93	UC	--	601.3					0.150	
31	75.0	M GR CH4 W/ LNS ML, SL	CH4		66												
32	77.5	M GR CL4	CL4	8	23	103	126	96	UC	--	737.1					0.230	
33	80.0	VST GR & T CH4 W/ LNS SM, SL	CH4		30												
34	82.5	VST GR & T CH4 W/ ARS ML, SL	CH4	4	32	88	116	92	UC	--	2607.3					1.000	
35	85.0	VST GR & T CH4 W/ LNS SM, SL	CH4		38												
36	87.5	M GR CH4 W/ SL	CH4	6	42	78	110	94	UC	--	877.05					0.525	
37	90.0	ST GR CH4 W/ SL	CH4		48												

Remarks: _____
EUSTIS ENGINEERING COMPANY, INC.

Checked by: _____
File Name: 19082

SUMMARY OF LABORATORY TEST RESULTS

Project: U.S. Army Corps of Engineers Assigned By: _____

Project Number: 19082
Boring: B-4G

Current Date: 12/16/05

Sample Number	Depth in Feet	Visual Classification	USCS	E(f)	W%	Dry Dens (pcf)	Wet Dens (pcf)	Sat %	Shear Test Type	Angle	Cohesion (psf)	Unconf. Comp. Str.	LL	PL	PI	TORVANE (tsf)	Other Tests
38	92.5	ST GR CL4 W/ TR-WD	CL4	8	24	99	122	91	UC	--	1298.1					0.240	
39	95.0	GR ML2	ML2		24												
40	97.5	GR ML2	ML2		25												

Remarks: _____
EUSTIS ENGINEERING COMPANY, INC.

Checked by: _____
File Name: 19082

SUMMARY OF LABORATORY TEST RESULTS

Project: U.S. Army Corps of Engineers Assigned By: _____

Project Number: 19082
Boring: B-4WG

Current Date: 12/16/05

Sample Number	Depth in Feet	Visual Classification	USCS	E(f)	W%	Dry Dens (pcf)	Wet Dens (pcf)	Sat %	Shear Test Type	Angle	Cohesion (psf)	Unconf. Comp. Str.	LL	PL	PI	TORVANE (tsf)	Other Tests
1	0.0	VST GR & T CH3 W/ ARS SM	CH3		29												
2	2.5	M GR & T CH3 W/ LNS ML, LYS SM, TR-WD	CH3	11	31	87	114	88	UC	--	725.0					0.380	
3	5.0	SO GR CH3 W/ ARS & LNS ML, TR-WD	CH3	15	43	74	107	92	UC	--	293.1					0.230	
4	7.5	SO GR CH2 W/ TR-WD	CH2		41												
5	10.0	VSO GR CH3 W/ ARS SM, TR-WD	CH3	15	71	56	96	95	UC	--	221.5					0.150	
6	12.5	SO GR CHOA W/ WD	CHOA		123												
7	15.0	SO DGR & GR CHOA W/ WD, RT	CHOA	16	164	29	76	91	UC	--	289.3					0.150	
8	17.5	SO GR CH4 W/ O, WD	CH4		122												
9	20.0	VSO GR CH4 W/ TR-WD	CH4	13	76	53	94	94	UC	--	149.7					0.170	
10	22.5	VSO GR CH2	CH2		45												
11	25.0	VSO GR CH4 W/ ARS ML	CH4	12	59	62	100	93	UC	--	157.2					0.200	
12	27.5	SO GR CH4 W/ SL	CH4		72												
13	30.0	SO GR CH4	CH4	13	54	66	101	93	UC	--	289.2					0.200	
14	32.5	SO GR CH4 W/ SL	CH4		70												
15	35.0	VSO GR CH4 W/ SL	CH4	12	65	59	97	93	UC	--	99.8					0.100	
16	37.5	SO GR CH4 W/ LNS ML, SL	CH4		67												
17	40.0	SO GR CH4 W/ SL	CH4	9	70	57	97	95	UC	--	303.8					0.250	
18	42.5	SO GR CH4 W/ SL	CH4		67												
19	45.0	SO GR CH4 W/ SL	CH4	14	55	66	102	94	UC	--	476.6					0.250	
20	47.5	SO GR CH4 W/ LNS SM, SL	CH4		70												
21	50.0	SO GR CL5 W/ SIF	CL5	6	39	79	109	92	UC	--	286.5					0.250	
22	52.5	M GR CH4 W/ LNS SM, SL	CH4		67												
23	55.0	SO GR CH2	CH2	7	34	85	114	93	UC	--	308.9					0.280	
24	57.5	M GR CH3 W/ ARS & LNS SM, SL	CH3		39												
25	60.0	SO GR CL3 W/ WD	CL3	6	31	86	112	86	UC	--	286.1					0.200	
26	62.5	GR SM1	SM1		24												
27	66.0	GR SM1	SM1		24												PD
28	68.5	GR SM1	SM1		23												
29	71.0	GR SP	SP		32												-#200= 5.4%
30	73.5	GR SM1	SM1		25												
31	76.0	GR SM1	SM1		25												
32	78.5	GR SM1-s	SM1-s		23												PD
33	81.0	GR SM1	SM1		22												
34	83.5	GR SM1	SM1		24												
35	86.0	GR SP	SP		25												-#200= 4.6%

Remarks: _____
EUSTIS ENGINEERING COMPANY, INC.

Checked by: _____
File Name: 19082

SUMMARY OF LABORATORY TEST RESULTS

Project: U.S. Army Corps of Engineers Assigned By: _____

Project Number: 19082
Boring: B-4WG

Current Date: 12/16/05

Sample Number	Depth in Feet	Visual Classification	USCS	E(f)	W%	Dry Dens (pcf)	Wet Dens (pcf)	Sat %	Shear Test Type	Angle	Cohesion (psf)	Unconf. Comp. Str.	LL	PL	PI	TORVANE (tsf)	Other Tests
36	88.5	GR SM1	SM1		24												
37	91.0	GR SM1	SM1		25												
38	93.5	GR SP	SP		22												-#200= 4.9%
39	96.0	GR SM1	SM1		21												
40	98.5	GR SM1	SM1		21												

Remarks: _____
EUSTIS ENGINEERING COMPANY, INC.

Checked by: _____
File Name: 19082

SUMMARY OF LABORATORY TEST RESULTS

Project: U.S. Army Corps of Engineers Assigned By: _____

Project Number: 19082
Boring: B-5G

Current Date: 12/16/05

Sample Number	Depth in Feet	Visual Classification	USCS	E(f)	W%	Dry Dens (pcf)	Wet Dens (pcf)	Sat %	Shear Test Type	Angle	Cohesion (psf)	Unconf. Comp. Str.	LL	PL	PI	TORVANE (tsf)	Other Tests
1	0.0	M GR, DGR & T CH3 W/ ARS & LNS ML, TR-WD	CH3	16	28	76	108	92	UC	--	770.8					0.500	
2	2.5	ST DGR & GR CH3 W/ O	CH3		52												
3	5.0	SO GR CH4 W/ WD, SL	CH4	5	60	62	100	95	UC	--	420.3					0.340	
4	7.5	VSO DGR & GR CHOB W/ TR-WD, SL	CHOB	3	164	30	79	95	UC	--	64.6					0.070	
5	10.0	VSO GR CHOA W/ WD, SL	CHOA	4	131	36	83	95	UC	--	72.9					0.050	
6	12.5	SO DGR & BR PT W/ RT	PT	11	442	12	63	90	UC	--	250.6					0.050	
7	15.0	SO GR & BR CH4 W/ LNS ML, O	CH4		70												
8	17.5	VSO GR CH3 W/ LNS & LYS ML	CH3	12	35	83	112	92	UC	--	225.2					0.050	
9	20.0	VSO GR CH4 W/ LNS ML	CH4		75												
10	22.5	VSO GR CH4 W/ LNS ML	CH4	7	54	77	110	98	UC	--	156.0					0.080	
11	25.0	VSO GR CH4 W/ LNS ML	CH4		79												
12	27.5	SO GR CH4 W/ LNS ML	CH4	7	74	55	97	97	UC	--	362.8					0.100	
13	30.0	VSO GR CH4 W/ LNS ML	CH4		66												
14	32.5	VSO GR CH4 W/ SL	CH4	5	72	56	96	96	UC	--	136.1					0.110	
15	35.0	VSO GR CH4 W/ LNS ML	CH4		62												
16	37.5	SO GR CH4 W/ LNS ML	CH4	6	62	61	99	95	UC	--	309.7					0.100	
17	40.0	SO GR CH4 W/ LNS ML	CH4		72												
18	42.5	SO GR CH4 W/ LNS SM	CH4	6	72	55	95	96	UC	--	347.3					0.140	
19	45.0	SO GR CL3 W/ SIF	CL3		25												
20	47.5	VSO GR CL5 W/ SIF	CL5	8	36	82	112	93	UC	--	241.6					0.100	
NS	50.0	NO SAMPLE	NS														
21	52.5	GR SM1-s W/ TR SIF	SM1-s		21												PD
22	55.0	GR SM1	SM1		22												
23	57.5	SO GR CH3 W/ ARS SM	CH3		42												
24	60.0	SO GR CH3 W/ ARS SM, SIF, TR WD	CH3	8	48	73	107	98	UC	--	459.9					0.200	
25	62.5	M GR CH3 W/ ARS SM, SIF	CH3		38												
26	65.0	M GNGR CH3 W/ ARS SM, SIF	CH3	8	39	81	113	97	UC	--	588.9					0.200	
27	67.5	SO GR CL5 W/ ARS CH	CL5		24												
28	70.0	M GR CH4 W/ ARS SM, SIF	CH4	9	26	97	122	94	UC	--	923.1					0.300	
29	72.5	M LGR & GR CL3	CL3		20												
30	75.0	M GNGR CL3	CL3	2	22	103	125	92	UC	--	601.4						
31	77.5	M GNGR & LGR CL3	CL3		22												
32	80.0	VSO GR CL3 W/ ARS CH, SIF	CL3	7	26	98	123	96	UC	--	185.5						
33	82.5	ST GR & LGR CH3 W/ LNS SM	CH3		38												
34	85.0	ST GR CH4 W/ ARS & LNS SM, SL	CH4	5	40	79	111	96	UC	--	1042.9					0.300	
35	87.5	ST GR CH3 W/ LNS & ARS SM	CH3		40												

Remarks: _____

Checked by: _____

EUSTIS ENGINEERING COMPANY, INC.

File Name: 19082

SUMMARY OF LABORATORY TEST RESULTS

Project: U.S. Army Corps of Engineers Assigned By: _____

Project Number: 19082
Boring: B-5G

Current Date: 12/16/05

Sample Number	Depth in Feet	Visual Classification	USCS	E(f)	W%	Dry Dens (pcf)	Wet Dens (pcf)	Sat %	Shear Test Type	Angle	Cohesion (psf)	Unconf. Comp. Str.	LL	PL	PI	TORVANE (tsf)	Other Tests
36	90.0	M GR CH4 W/ LYS ML	CH4	6	38	84	116	100	UC	--	809.7					0.270	
37	92.5	ST GR CH4 W/ LNS ML	CH4		46												
38	95.0	ST GR CH4 W/ CC, SL	CH4	4	54	67	103	96	UC	--	1110.0					0.400	
39	97.5	ST GR CH4 W/ LNS ML	CH4		48												

Remarks: _____
EUSTIS ENGINEERING COMPANY, INC.

Checked by: _____
File Name: 19082

SUMMARY OF LABORATORY TEST RESULTS

Project: U.S. Army Corps of Engineers Assigned By: _____

Project Number: 19082
Boring: B-5WG

Current Date: 12/16/05

Sample Number	Depth in Feet	Visual Classification	USCS	E(f)	W%	Dry Dens (pcf)	Wet Dens (pcf)	Sat %	Shear Test Type	Angle	Cohesion (psf)	Unconf. Comp. Str.	LL	PL	PI	TORVANE (tsf)	Other Tests
1	0.0	ST GR CH3 W/ ARS SM, SIF & TR- WD	CH3		35												
2	2.5	VSO DGR & GR CH4 W/ ARS SM & TR-WD	CH4	13	155	31	80	96	UC	--	91.9					0.050	
3	5.0	WD	WD		806												
4	7.5	SO DBR CHOC W/ WD	CHOC		425												
5	10.0	VSO GR & DGR CH4 W/ WD, RT	CH4	14	161	31	80	96	UC	--	89.7					0.320	
6	12.5	SO GR & DGR CHOC W/ LYS CH, WD	CHOC		337												
7	15.0	VSO GR CH4 W/ ARS SM, WD	CH4	20	42	78	111	97	UC	--	119.1					0.020	
8	17.5	VSO GR CL4 W/ TR-WD	CL4		29												
9	20.0	SO GR CH2	CH2	9	31	90	117	95	UC	--	345.9					0.050	
10	22.5	VSO GR CL4 W/ LNS CH	CL4		40												
11	25.0	VSO GR CH4 W/ LNS & LYS ML	CH4	8	59	63	100	94	UC	--	186.2					0.130	
12	27.5	SO GR CH4	CH4		77												
13	30.0	SO GR CH4 W/ SL	CH4	12	53	67	103	95	UC	--	309.9					0.100	
14	32.5	SO GR CH4	CH4		54												
15	35.0	SO GR CH4 W/ SL	CH4	9	69	58	98	97	UC	--	254.8					0.150	
16	37.5	SO GR CH4 W/ SL	CH4		68												
17	40.0	SO GR CH4 W/ SL	CH4	7	83	51	93	96	UC	--	405.6					0.150	
18	42.5	SO GR CH4 W/ ARS SM, SL	CH4		59												
19	45.0	VSO GR CH4 W/ LYS SM, SIF	CH4	9	43	76	108	94	UC	--	215.9					0.060	
20	47.5	SO GR CH4 W/ LNS SM, SIF, SL	CH4		61												
21	50.0	SO GR CH4 W/ ARS SM, SL	CH4	8	46	71	104	90	UC	--	498.0					0.200	
22	52.5	M GR CH3 W/ ARS & LNS SM	CH3		39												
23	55.0	GNGR & LGR SM1	SM1		21												
24	57.5	GNGR SP	SP		25												-#200= 8.6%
25	59.0	GNGR SM1	SM1		20												
26	61.5	GNGR SM1	SM1		26												PD
27	64.0	ST GR CH4 W/ ARS SM	CH4		58												
28	66.5	GR SM1-s	SM1-s		28												-#200= 20.0%
29	69.0	GR SM1	SM1		28												
30	70.5	GR SM1-s	SM1-s		28												PD
31	72.5	GR SM1	SM1		30												
32	75.0	GR SM1-s	SM1-s		27												-#200= 11.7%
33	77.5	GR SM1	SM1		25												
34	80.0	GR SP	SP		23												-#200=

Remarks: _____

EUSTIS ENGINEERING COMPANY, INC.

Checked by: _____

File Name: 19082

SUMMARY OF LABORATORY TEST RESULTS

Project: U.S. Army Corps of Engineers Assigned By: _____

Project Number: 19082
Boring: B-5WG

Current Date: 12/16/05

Sample Number	Depth in Feet	Visual Classification	USCS	E(f)	W%	Dry Dens (pcf)	Wet Dens (pcf)	Sat %	Shear Test Type	Angle	Cohesion (psf)	Unconf. Comp. Str.	LL	PL	PI	TORVANE (tsf)	Other Tests
																	7.2%
35	82.5	GR SM1	SM1		23												PD
36	85.0	GR SM1-s	SM1-s		23												
37	87.5	GR SM1	SM1		23												-#200=
38	90.0	GR SP	SP		24												7.8%
39	92.5	GR SM1	SM1		26												
40	95.0	GR SM1	SM1		25												
41	98.5	M GR CL3	CL3		28												

Remarks: _____

Checked by: _____

EUSTIS ENGINEERING COMPANY, INC.

File Name: 19082

SUMMARY OF LABORATORY TEST RESULTS

Project: U.S. Army Corps of Engineers Assigned By: _____

Project Number: 19082
Boring: B-6G

Current Date: 12/16/05

Sample Number	Depth in Feet	Visual Classification	USCS	E(f)	W%	Dry Dens (pcf)	Wet Dens (pcf)	Sat %	Shear Test Type	Angle	Cohesion (psf)	Unconf. Comp. Str.	LL	PL	PI	TORVANE (tsf)	Other Tests
1	0.0	VST T & GR CL6 W/ ARS CH	CL6	7	22	99	121	84	UC	--	1192.35						
2	2.5	M GR & T CH3 W/ ARS ML, TR-WD, SL	CH3	3	42	71	101	83	UC	--	676.7					0.470	
3	5.0	M GR CH4 W/ SL, TR-WD	CH4	5	51	68	102	92	UC	--	499.9					0.375	
4	7.5	VST DGR & GR CHOB W/ WD, LYS CH	CHOB		245												
5	12.5	SO GR CHOC W/ RT	CHOC	10	246	20	69	90	UC	--	327.4					0.200	
6	15.0	SO GR CHOA W/ TR-WD	CHOA		123												
7	17.5	SO DGR CHOA W/ WD	CHOA	8	101	43	87	94	UC	--	262.3					0.170	
8	20.0	VSO GR CHOA W/ RT, LYS O	CHOA		120												
9	22.5	M GR CH4 W/ LNS & LYS ML	CH4	3	74	55	95	96	UC	--	579.3					0.150	
10	25.0	SO GR CH4 W/ LYS ML, SL	CH4		58												
11	27.5	SO GR CH4 W/ LNS ML, SL	CH4	9	68	58	97	95	UC	--	260.5					0.200	
12	30.0	SO GR CH4 W/ WD	CH4		67												
13	32.5	VSO GR CH4	CH4	8	60	63	100	94	UC	--	241.5					0.170	
14	35.0	SO GR CH4 W/ ARS ML	CH4		70												
15	37.5	M DGR CH4 W/ ARS ML	CH4	19	63	60	98	93	UC	--	345.0					0.170	
16	40.0	M GR CH4 W/ ML	CH4		67												
17	42.5	ST GR CH4 W/ LNS SM	CH4	6	58	64	101	95	UC	--	1032.6					0.240	
18	45.0	SO GR CL3 W/ SIF	CL3		27												
19	47.5	SO GR CL3 W/ SIF	CL3		34												-#200= 11.1%
20	50.0	M GR CH4 W/ ARS SM	CH4	6	54	66	102	95	UC	--	665.4					0.250	
21	52.5	SO GR CH4 W/ LNS & LYS WD	CH4		74												
22	55.0	ST GR & DGR CL3 W/ SIF	CL3		19												
23	57.5	GR SM1	SM1		25												-#200= 9.8%
24	59.0	GR SM1	SM1		22												PD -#200= 10.1%
25	61.5	VST GR CL5	CL5		38												
26	63.0	VSO GR CH4 W/ LNS & ARS SM, SIF	CH4	7	50	70	104	94	UC	--	159.7					0.180	
27	65.0	SO GR CH4 W/ SIF	CH4		56												
28	67.5	M GR CH3 W/ SIF	CH3		25												
29	70.0	VST GR & T CH4 W/ ARS SM, SIF, SL	CH4		42												
30	72.5	SO GR & T CH4 W/ SIF, ARS SM, SL	CH4	6	35	86	116	97	UC	--	342.6					1.150	
31	75.0	ST GR CH3 W/ LYS ML, ARS SM, O	CH3		40												
32	77.5	M LGR & T CH4 W/ CC, SL	CH4	3	43	76	108	93	UC	--	579.6					0.625	
33	80.0	ST GR CH4 W/ LNS ML, SL, SIF	CH4		55												

Remarks: _____
EUSTIS ENGINEERING COMPANY, INC.

Checked by: _____
File Name: 19082

SUMMARY OF LABORATORY TEST RESULTS

Project: U.S. Army Corps of Engineers Assigned By: _____

Project Number: 19082
Boring: B-6G

Current Date: 12/16/05

Sample Number	Depth in Feet	Visual Classification	USCS	E(f)	W%	Dry Dens (pcf)	Wet Dens (pcf)	Sat %	Shear Test Type	Angle	Cohesion (psf)	Unconf. Comp. Str.	LL	PL	PI	TORVANE (tsf)	Other Tests
34	82.5	M GR CH4 W/ ARS & LNS SM	CH4	10	51	68	104	94	UC	--	757.7					0.250	
35	85.0	ST GR CH4 W/ WD, SIF, SL	CH4		40												
36	87.5	M GR CH4 W/ ARS & LNS SM, SL	CH4	9	36	83	113	94	UC	--	672.8						
37	90.0	ST GR CH4 W/ ARS & LNS ML, SL	CH4		45												
38	92.5	M GR CH4 W/ LNS & ARS ML, TR-WD	CH4	6	51	69	105	96	UC	--	691.2					0.220	
39	95.0	ST GR CH4 W/ LNS & ARS ML	CH4		47												
40	97.5	M GR CH4 W/ LNS & LYS ML	CH4	8	37	82	113	95	UC	--	642.8						

Remarks: _____
EUSTIS ENGINEERING COMPANY, INC.

Checked by: _____
File Name: 19082

SUMMARY OF LABORATORY TEST RESULTS

Project: U.S. Army Corps of Engineers Assigned By: _____

Project Number: 19082
Boring: B-6WG

Current Date: 12/16/05

Sample Number	Depth in Feet	Visual Classification	USCS	E(f)	W%	Dry Dens (pcf)	Wet Dens (pcf)	Sat %	Shear Test Type	Angle	Cohesion (psf)	Unconf. Comp. Str.	LL	PL	PI	TORVANE (tsf)	Other Tests
1	0.0	ST GR & T CH3 W/ ARS & LNS SM, TR-WD	CH3	10	28	90	115	87	UC	--	1371					1.250	
2	2.5	M GR & T CH4 W/ SL	CH4	4	46	73	107	94	UC	--	543					0.630	
3	5.0	M GR & T CH4 W/ ARS SM, TR-WD	CH4		44												
4	7.5	VSO GR & DGR CH4 W/ TR-WD, O	CH4	9	50	70	104	93	UC	--	205					0.250	
5	10.0	WD	WD		467												
6	12.5	VSO GR CHOB W/ RT	CHOB	18	260	19	69	91	UC	--	65					0.120	
7	15.0	GR ML2 W/ RT	ML2		25												
8	17.5	GR ML2	ML2		27												
9	20.0	GR ML2	ML2		32												
10	22.5	GR ML2	ML2		26												
11	25.0	VSO GR CH4 W/ LNS SM	CH4	10	68	58	98	96	UC	--	214					0.170	
12	27.5	VSO GR CH4 W/ LNS SM	CH4		45												
13	30.0	VSO GR CH4	CH4	17	54	65	99	90	UC	--	210					0.160	
14	32.5	SO GR CH4	CH4		66												
15	35.0	SO GR CH4	CH4	12	72	55	94	93	UC	--	297					0.200	
16	37.5	SO GR CH4	CH4		73												
17	40.0	SO GR CH4	CH4	14	77	53	94	95	UC	--	251					0.200	
18	42.5	SO GR CH4 W/ LNS SM, SL	CH4		69												
19	45.0	VSO GR CL5 W/ SIF	CL5	8	27	91	115	85	UC	--	169					0.170	
20	47.5	SO GR CL5 W/ SIF	CL5		34												
21	50.0	VSO GR CH3 W/ ARS & LNS SM	CH3	14	46	73	106	93	UC	--	172					0.150	
22	52.5	SO GR CH3 W/ ARS & LNS SM	CH3	14	34	83	112	90	UC	--	271					0.210	
23	55.0	GR ML2 W/ LYS CH	ML2		25												
24	57.5	GR SP	SP		27												PD
25	60.0	GR SM1	SM1		29												
26	62.5	SO GR CL4	CL4		30												
27	65.0	GR ML2	ML2		28												
28	67.5	GR SM1	SM1		31												-#200= 36.7%
29	70.0	GR ML2 W/ ARS CH	ML2		34												
30	72.5	GR ML1	ML1		28												PD
31	75.0	GR SM1 W/ ARS CH	SM1		32												
32	77.5	GR SM1	SM1		30												
33	80.0	GR SM1-s	SM1-s		29												-#200= 14.4%
34	82.5	GR SM1	SM1		27												
35	85.0	GR SM1	SM1		27												

Remarks: _____

EUSTIS ENGINEERING COMPANY, INC.

Checked by: _____

File Name: 19082

SUMMARY OF LABORATORY TEST RESULTS

Project: U.S. Army Corps of Engineers Assigned By: _____

Project Number: 19082
Boring: B-6WG

Current Date: 12/16/05

Sample Number	Depth in Feet	Visual Classification	USCS	E(f)	W%	Dry Dens (pcf)	Wet Dens (pcf)	Sat %	Shear Test Type	Angle	Cohesion (psf)	Unconf. Comp. Str.	LL	PL	PI	TORVANE (tsf)	Other Tests
36	87.5	GR SM1	SM1		27												
37	90.0	GR SP	SP		26												-#200= 9.2%
38	92.5	GR SM1	SM1		25												
39	95.0	GR SM1	SM1		29												
40	97.5	GR SM1	SM1		32												

Remarks: _____
EUSTIS ENGINEERING COMPANY, INC.

Checked by: _____
File Name: 19082

SUMMARY OF LABORATORY TEST RESULTS

Project: U.S. Army Corps of Engineers Assigned By: _____

Project Number: 19082
Boring: B-7G

Current Date: 12/16/05

Sample Number	Depth in Feet	Visual Classification	USCS	E(f)	W%	Dry Dens (pcf)	Wet Dens (pcf)	Sat %	Shear Test Type	Angle	Cohesion (psf)	Unconf. Comp. Str.	LL	PL	PI	TORVANE (tsf)	Other Tests
1	0.0	VST GR CH3 W/ ARS & LNS ML, SIF, TR-WD	CH3	9	30	90	116	89	UC	--	3195.5					0.575	
2	2.5	ST GR, LGR & T CH4 W/ ARS ML, RT	CH4		37												
3	5.0	M GR CH4 W/ ARS ML, TR-WD	CH4	6	45	73	106	92	UC	--	782.8					0.575	
4	7.5	SO GR & BR CHOB W/ O, RT	CHOB	9	215	23	73	93	UC	--	336.4					0.150	
5	10.0	SO DGR & BR PT W/ ARS CH	PT		407												
6	12.5	VSO GR CH4 W/ ARS SM, TR-WD	CH4	7	73	56	97	98	UC	--	137.3					0.060	
7	15.0	SO GR CL6	CL6		40												
8	17.5	VSO GR CL6 W/ LNS & ARS CH	CL6	9	36	84	114	95	UC	--	134.2					0.160	
9	20.0	SO GR CH3 W/ LNS & LYS ML	CH3		62												
10	22.5	VSO GR CH3 W/ LNS & LYS ML	CH3	8	49	70	105	94	UC	--	215.2					0.100	
11	25.0	SO GR CH4 W/ LNS ML	CH4		64												
12	27.5	SO GR CH4	CH4	6	65	60	100	97	UC	--	398.4					0.150	
13	30.0	SO GR CH4	CH4		70												
14	32.5	SO GR CH4 W/ ARS SM	CH4	7	71	58	98	98	UC	--	391.0					0.200	
15	35.0	SO GR CH4 W/ SL	CH4		68												
16	37.5	SO GR CH4 W/ SL	CH4	9	67	58	98	96	UC	--	393.7					0.200	
17	40.0	SO GR CH4 W/ LNS ML	CH4		62												
18	42.5	SO GR CH4 W/ ARS & LNS SM	CH4	6	67	57	96	93	UC	--	468.3					0.160	
19	45.0	SO GR CL3 W/ SIF	CL3		26												
20	47.5	VSO GR CH4 W/ LNS & ARS SM, SIF	CH4	10	49	70	105	95	UC	--	248.3					0.120	
21	50.0	SO GR CL3 W/ SIF	CL3		26												
22	52.5	GR SM1 W/ SIF	SM1		25												
23	55.0	GR & BR SM1	SM1		20												
24	57.5	BR SP	SP		19												-200 = 4.8%
25	60.0	GR SM1	SM1		20												
26	62.5	M GR CH4 W/ LNS & ARS SM, SIF	CH4		44												
27	65.0	VST GNGR CH2	CH2	2	27	93	118	90	UC	--	3264.6						
28	67.5	VST GNGR CH4 W/ ARS SM, SL	CH4	2	36	81	110	89	UC	--	2414.3					0.925	
29	70.0	M GR CL4 W/ CC	CL4		28												
30	72.5	VST GNGR CL6 W/ ARS CH	CL6	3	28	96	123	100	UC	--	2222.5						
31	75.0	VST GR & T CH4 W/ ARS ML, SL	CH4		38												
32	77.5	VST GR & T CH4 W/ SL	CH4	4	48	72	107	96	UC	--	3836.5					0.625	
33	80.0	SO GR CL 4 W/ LYS CH, CC	CL4		29												
34	82.5	M GR CH4 W/ LNS ML, SIF, SL	CH4	5	53	67	102	93	UC	--	541.55					0.310	
35	85.0	M GR CH3 W/ ARS & LNS SM	CH3		43												
36	87.5	VST GR CH3 W/ LNS ML, WD, SIF, SL	CH3	6	37	83	114	96	UC	--	2407.4					0.600	

Remarks: _____
EUSTIS ENGINEERING COMPANY, INC.

Checked by: _____
File Name: 19082

SUMMARY OF LABORATORY TEST RESULTS

Project: U.S. Army Corps of Engineers Assigned By: _____

Project Number: 19082
Boring: B-7G

Current Date: 12/16/05

Sample Number	Depth in Feet	Visual Classification	USCS	E(f)	W%	Dry Dens (pcf)	Wet Dens (pcf)	Sat %	Shear Test Type	Angle	Cohesion (psf)	Unconf. Comp. Str.	LL	PL	PI	TORVANE (tsf)	Other Tests
37	90.0	ST GR CH4 W/ LNS ML	CH4		43												
38	92.5	M GR CH4 W/ LNS ML, SIF, SL	CH4	5	59	63	101	95	UC	--	573.4					0.250	
39	95.0	GR ML2 W/ LYS CH	ML2		26												
40	97.5	GR ML2	ML2		24												

Remarks: _____
EUSTIS ENGINEERING COMPANY, INC.

Checked by: _____
File Name: 19082

SUMMARY OF LABORATORY TEST RESULTS

Project: U.S. Army Corps of Engineers Assigned By: _____

Project Number: 19082
Boring: B-7WG

Current Date: 12/16/05

Sample Number	Depth in Feet	Visual Classification	USCS	E(f)	W%	Dry Dens (pcf)	Wet Dens (pcf)	Sat %	Shear Test Type	Angle	Cohesion (psf)	Unconf. Comp. Str.	LL	PL	PI	TORVANE (tsf)	Other Tests
1	0.0	ST GR & T CH3 W/ LNS & LYS ML, RT	CH3	12	32	86	114	89	UC	--	1482					0.925	
2	2.5	M GR & T CH4 W/ TR-WD	CH4	8	56	66	103	95	UC	--	949					0.750	
3	5.0	SO GR & DGR CH4 W/ LNS SM, WD	CH4	7	69	58	98	96	UC	--	415					0.380	
4	7.5	VSO DGR & GR CHOB W/ WD	CHOB	13	117	39	85	96	UC	--	68						
5	10.0	VSO GR CH4 W/ WD	CH4		91												
6	12.5	VSO GR CH4 W/ LNS ML, RT	CH4	14	68	60	100	98	UC	--	116						
7	15.0	SO GR CL4 W/ LNS CH	CL4		30												
8	17.5	VSO GR CL4-s W/ WD	CL4-s		45												-#200= 75.2% PD
9	20.0	GR SM1 W/ WD	SM1		50												
10	22.5	GR ML2-s W/ LNS CH	ML2-s		31												-#200= 70.8%
11	25.0	SO GR CL4 W/ LNS CH	CL4		36												
12	27.5	VSO GR CH4 W/ ARS SM	CH4	12	52	68	104	95	UC	--	244					0.200	
13	30.0	SO GR CH4 W/ ARS SM	CH4		45												
14	32.5	SO GR CH4 W/ LNS SM	CH4	8	61	61	98	93	UC	-	360					0.230	
15	35.0	SO GR CH4	CH4		68												
16	37.5	SO GR CH4 W/ LNS SM, SL	CH4	10	74	55	95	95	UC	--	420					0.260	
17	40.0	SO GR CH4 W/ LNS ML	CH4		70												
18	42.5	SO GR CH4 W/ SL	CH4	16	73	55	95	95	UC	--	424					0.300	
19	45.0	SO GR CH3 W/ ARS & LNS SM, SIF	CH3		56												
20	47.5	SO GR CH3 W/ LNS & LYS SM, SIF	CH3	8	42	77	109	94	UC	--	336					0.310	
21	50.0	M GR CH3 W/ ARS & LNS SM	CH3		47												
22	52.5	SO GR CL5 W/ ARS CH	CL5	8	32	88	116	94	UC	--	488					0.420	
23	55.0	GR SM1	SM1		24												
24	57.5	GR SM1	SM1		24												PD
25	60.0	GR SM1 W/ LYS CH	SM1		22												
26	62.5	SO GR CH4 W/ LNS SM	CH4	20	44	76	109	7	UC	--	432					0.300	
27	65.0	GR SM1	SM1		27												
28	67.5	GR SM1	SM1		22												
29	70.0	GR SM1	SM1		32												-#200= 22.4%
30	72.5	SO GR CL5 W/ LYS CH & SM	CL5		31												
31	75.0	GR SM1	SM1		32												
32	77.5	GR SM1	SM1		32												
33	80.0	GR SM1	SM1		30												PD
34	82.5	M GR CL5	CL5		30												

Remarks: _____
EUSTIS ENGINEERING COMPANY, INC.

Checked by: _____
File Name: 19082

SUMMARY OF LABORATORY TEST RESULTS

Project: U.S. Army Corps of Engineers Assigned By: _____

Project Number: 19082
Boring: B-7WG

Current Date: 12/16/05

Sample Number	Depth in Feet	Visual Classification	USCS	E(f)	W%	Dry Dens (pcf)	Wet Dens (pcf)	Sat %	Shear Test Type	Angle	Cohesion (psf)	Unconf. Comp. Str.	LL	PL	PI	TORVANE (tsf)	Other Tests
35	85.0	GR SM1	SM1		31												
36	87.5	GR SM1-s	SM1-s		28												-#200= 10.3%
37	90.0	GR SM1	SM1		27												
38	92.5	GR SM1	SM1		27												
39	95.0	GR SM1-s	SM1-s		27												-#200= 11.3%
40	97.5	GR SM1	SM1		27												

Remarks: _____
EUSTIS ENGINEERING COMPANY, INC.

Checked by: _____
File Name: 19082

SUMMARY OF LABORATORY TEST RESULTS

Project: U.S. Army Corps of Engineers Assigned By: _____

Project Number: 19082
Boring: B-8G

Current Date: 12/16/05

Sample Number	Depth in Feet	Visual Classification	USCS	E(f)	W%	Dry Dens (pcf)	Wet Dens (pcf)	Sat %	Shear Test Type	Angle	Cohesion (psf)	Unconf. Comp. Str.	LL	PL	PI	TORVANE (tsf)	Other Tests
1	0.0	SO GR CH3 W/ SIF	CH3		29												
2	0.5	SO GR CH3 W/ SIF	CH3		31												
3	2.5	M GR CH3 W/ LNS & LYS ML	CH3	9	40	78	109	93	UC	--	711					0.550	
4	5.0	SO GR CH4 W/ SL	CH4	5	54	67	104	96	UC	--	415					0.400	
5	7.5	SO GR CH4 W/ O	CH4		65												
6	10.0	SO DGR & GR CHOA W/ WD	CHOA	5	111	40	85	95	UC	--	312					0.330	
7	12.5	SO BR CHOB W/ WD, RT	CHOB		187												
8	15.0	SO DGR & GR CHOB W/ WD	CHOB	20	187	26	74	91	UC	--	331					0.180	
9	17.5	SO GR CL4 W/ WD	CL4		36												
10	20.0	VSO GR CH3 W/ LNS & LYS SM	CH4	10	70	56	98	98	UC	--	249					0.170	
11	22.5	SO GR CH4 W/ LNS & LYS ML	CH4		72												
12	25.0	SO GR CH4 W/ LNS SM	CH4	11	62	62	100	95	UC	--	442					0.240	
13	27.5	SO GR CH4 W/ LNS & LYS ML	CH4		62												
14	30.0	SO GR CH4 W/ SL	CH4	11	69	57	97	95	UC	--	419					0.250	
15	32.5	SO GR CH4	CH4		65												
16	35.0	SO GR CH4 W/ SL	CH4	13	67	59	98	96	UC	--	369					0.250	
17	37.5	SO GR CH4	CH4		68												
18	40.0	SO GR CH4 W/ SL	CH4	12	63	60	98	94	UC	--	434					0.250	
19	42.5	SO GR CH4	CH4		57												
20	45.0	SO GR CL3 W/ SIF	CL3	4	24	97	120	89	UC	--	304					0.160	
21	47.5	M GR CL5 W/ SIF	CL5		27												
22	50.0	BR SP	SP		23												PD
23	52.5	BR SP W/ ARS CH, O	SP		24												
24	54.5	GR SP	SP		22												-#200= 7.1%
25	57.0	SO GR CL5 W/ SIF	CL5		30												
26	58.5	SO GR CH2 W/ SIF	CH2	12	32	86	114	92	UC	--	395					0.250	
27	60.0	M GR CH2 W/ SIF	CH2	9	33	86	114	93	UC	--	626					0.200	
28	62.5	ST LGR CH2	CH2		27												
29	65.0	ST LGR CH3 W/ LNS & LYS ML, SL	CH3	3	28	93	119	92	UC	--	1010					0.370	
30	67.5	M GNGR CL6	CL6		27												
31	70.0	M LGR CL4	CL4	6	27	95	121	95	UC	--	579					0.250	
32	72.5	SO LGR CL6 W/ SIF	CL6		26												
33	75.0	ST LGR & T CH4 W/ ARS ML, CC, SL	CH4	3	32	89	118	97	UC	--	1225					0.530	
34	77.5	VST T & LGR CH4 W/ SL	CH4		41												
35	80.0	M GR CL6	CL6	7	30	91	118	96	UC	--	869					0.350	
36	82.5	VSO GR CL3	CL3		26												

Remarks: _____

Checked by: _____

EUSTIS ENGINEERING COMPANY, INC.

File Name: 19082

SUMMARY OF LABORATORY TEST RESULTS

Project: U.S. Army Corps of Engineers Assigned By: _____

Project Number: 19082
Boring: B-8G

Current Date: 12/16/05

Sample Number	Depth in Feet	Visual Classification	USCS	E(f)	W%	Dry Dens (pcf)	Wet Dens (pcf)	Sat %	Shear Test Type	Angle	Cohesion (psf)	Unconf. Comp. Str.	LL	PL	PI	TORVANE (tsf)	Other Tests
37	85.0	M GR CH4 W/ SIF, SL	CH4	9	54	68	104	96	UC	--	1086					0.420	
38	87.5	M GR CH4 W/ SIF	CH4		38												
39	90.0	ST GR CH3 W/ LNS & ARS SM, SL	CH3	8	33	87	116	95	UC	--	1111					0.430	
40	92.5	M GR CH4 W/ ARS & LNS ML	CH4		33												
41	95.0	ST GR CH4 W/ LNS SM	CH4	8	37	83	114	96	UC	--	1137					0.480	
42	97.5	M GR CH4	CH4		41												

Remarks: _____

Checked by: _____

EUSTIS ENGINEERING COMPANY, INC.

File Name: 19082

SUMMARY OF LABORATORY TEST RESULTS

Project: U.S. Army Corps of Engineers Assigned By: _____

Project Number: 19082
Boring: B-8WG

Current Date: 12/16/05

Sample Number	Depth in Feet	Visual Classification	USCS	E(f)	W%	Dry Dens (pcf)	Wet Dens (pcf)	Sat %	Shear Test Type	Angle	Cohesion (psf)	Unconf. Comp. Str.	LL	PL	PI	TORVANE (tsf)	Other Tests
1	0.0	GP W/ ARS SM	GP		5												
2	3.5	GP W/ ARS SM, CH	GP		7												
3	5.0	ST GR & T CH4 W/ LNS SM, TR- RT, SL	CH4	3	44	73	105	90	UC	--	1182.6					0.700	
4	8.5	WOOD	WD		237												
5	11.0	VSO DGR & GR CHOA W/ SIF, G	CHOA		168												
6	12.5	VSO GR CH4 W/ WD, SIF	CH4		107												
7	15.0	VSO GR CH4 W/ ARS SM	CH4		67												
8	17.5	SO GR CL6	CL6		36												
9	20.0	GR SM1	SM1		26												
10	22.5	GR SM1 W/ WD	SM1		26												
11	25.0	GR ML2-s W/ ARS & LYS CH	ML2-s		30												-200 = 63.4%
12	27.5	GR SM1 W/ ARS & LYS CH	SM1		27												
13	30.0	VSO GR CH4 W/ ARS SP	CH4	6	41	80	112	98	UC	--	111.8					0.060	
14	32.5	VSO GR CH4 W/ ARS SM	CH4		48												
15	35.0	VSO GR CH4	CH4	6	68	60	102	100	UC	--	237.7					0.200	
16	37.5	VSO GR CH4 W/ ARS SM	CH4		68												
17	40.0	M GR CH4 W/ SL	CH4	7	64	61	100	98	UC	--	624.5					0.310	
18	42.5	M GR CH4	CH4		55												
19	45.0	VSO GR CL5 W/ SIF	CL5	8	26	97	123	97	UC	--	189.7					0.100	
20	47.5	SO GR CH3 W/ ARS & LNS SM, SIF	CH3		40												
21	50.0	SO GR CH4 W/ ARS SP	CH4	7	51	70	105	97	UC	--	364.4					0.100	
22	52.5	M GR CH3 W/ ARS & LNS SM	CH3		39												
23	55.0	M GR CH3 W/ ARS & LNS SM, TR-WD	CH3	8	38	82	113	97	UC	--	647.1					0.320	
24	57.5	M GR CH3 W/ LYS SM, WD	CH3		57												
25	60.0	GR SM1	SM1		27												
26	62.5	VSO GR CL4	CL4		29												
27	65.0	VSO GR CL4 W/ ARS SM	CL4		30												
28	67.5	VSO GR CL4 W/ ARS SM	CL4		29												
29	70.0	GR SM1 W/ ARS CH	SM1		25												
30	72.5	GR SM1	SM1		20												
31	75.0	VSO GR CL3 W/ ARS CH	CL3		32												
32	77.5	M GR CH4 W/ ARS SM	CH4	10	47	74	109	99	UC	--	926.65					0.470	
33	80.0	SO GR CL3 W/ ARS CH	CL3		26												
34	82.5	SO GR CL3 W/ ARS CH	CL3		26												
35	85.0	GR ML1 W/ ARS CH	ML1		27												-200 = 42.8%

Remarks: _____
EUSTIS ENGINEERING COMPANY, INC.

Checked by: _____
File Name: 19082

SUMMARY OF LABORATORY TEST RESULTS

Project: U.S. Army Corps of Engineers Assigned By: _____

Project Number: 19082
Boring: B-8WG

Current Date: 12/16/05

Sample Number	Depth in Feet	Visual Classification	USCS	E(f)	W%	Dry Dens (pcf)	Wet Dens (pcf)	Sat %	Shear Test Type	Angle	Cohesion (psf)	Unconf. Comp. Str.	LL	PL	PI	TORVANE (tsf)	Other Tests
36	87.5	SO GR CL3	CL3		32												
37	90.0	SO GR CL3	CL3		28												
38	92.5	GR SM1-s	SM1-s		28												-200 = 10.8%
39	95.0	GR SM1	SM1		27												
40	98.5	GR SM1	SM1		25												

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SUMMARY OF LABORATORY TEST RESULTS

Project: U.S. Army Corps of Engineers Assigned By: _____

Project Number: 19082
Boring: IHNC-TFG-1U

Current Date: 12/16/05

Sample Number	Depth in Feet	Visual Classification	USCS	E(f)	W%	Dry Dens (pcf)	Wet Dens (pcf)	Sat %	Shear Test Type	Angle	Cohesion (psf)	Unconf. Comp. Str.	LL	PL	PI	TORVANE (tsf)	Other Tests
1A	0.0	VST T & GR CL5 W/ LNS & LYS ML, RT	CL5		19												
1B	0.8	SO GR & T CL5	CL5	8	21	89	107	62	UC	--	275.4					0.700	
1C	1.7	VST T & GR CL5 W/ LNS & LYS ML, RT	CL5		19												
1D	2.6	VST T & GR CL5 W/ LNS & LYS ML, RT	CL5		18												
2A	4.0	M GR CL4 W/ SIF	CL4		24												
2B1	4.8	M GR CL3 W/ SIF	CL3		16												
2B2	5.3	M GR CH4 W/ TR-WD	CH4		53	66	101	92	UU	0	866.8		121	36	85	0.750	
2C	5.7	T SM1 W/ ARS CH, SIF	SM1		15												
3A	8.0	SO GR CH3 W/ ARS & LNS SM, G, WD	CH3		35												
3B	8.8	SO GR CH3 W/ ARS ML, WD	CH3		59	61	97	90	UU	0	281.5		65	21	44	0.160	
NS	9.7	NO SAMPLE	NS														
4A	12.0	SO GR & BR CH3 W/ LNS & LYS SP, WD	CH3	7	42	75	107	90	UC	--	335.3					0.200	
4B	12.8	GR SP W/ ARS & LYS CH, WD	SP		18												
4C	13.7	GR SP W/ LYS SP, RT, SIF	SP		23												
5A	16.0	SO GR CH3 W/ LNS & LYS SP, SIF	CH3		24												
5B	16.8	M GR CH4 W/ LNS ML, TR-WD	CH4		57	65	101	94	UU	0	560.8		84	26	58	0.330	
5C	17.7	M GR CH4 W/ LNS ML, TR-WD	CH4		62												
6A	20.0	VSO BR CHOB W/ RT	CHOB		228												
6B	22.0	VSO BR & GR CHOA W/ RT	CHOA		142												
7	24.0	WD	WD		724												
8A	28.0	VSO GR CH4 W/ LYS O, WD	CH4		80												
8B	28.8	VSO GR CH3 W/ ARS ML, RT	CH3		59	62	99	93	UU	0	223.1		62	14	48	0.120	
8C	29.7	VSO GR CH3 W/ LNS & ARS ML, TR- RT	CH3		58												
8D	30.6	VSO GR CH3 W/ LNS & ARS ML, TR- RT	CH3		65												
9A	32.0	SO GR CH3 W/ LNS & LYS ML	CH3		66												
9B	32.8	SO GR CH3 W/ LNS & LYS ML, SL	CH3	5	63	60	98	94	UC	--	416					0.100	
9C	33.7	SO GR CH3 W/ LNS & LYS ML	CH3		55												
9D	34.6	SO GR CH3 W/ LNS & LYS ML	CH3		57												
10A	36.0	SO GR CH4	CH4		73												
10B	36.8	SO GR CH4 W/ SL	CH4		74	54	94	96	UU	0	414.6		92	24	68	0.100	
10C	37.7	SO GR CH4 W/ LNS ML	CH4		65												
10D	38.6	SO GR CH4	CH4		72												
11A	40.0	SO GR CH4 W/ SL	CH4		62												
11B	40.8	M GR CH4 W/ SL	CH4	5	65	59	98	94	UC	--	503.9					0.160	
11C	41.7	SO GR CH4 W/ SL	CH4		60												
11D	42.6	SO GR CH4 W/ SL	CH4		57												
12A	44.0	SO GR CH4 W/ SL	CH4		64												

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SUMMARY OF LABORATORY TEST RESULTS

Project: U.S. Army Corps of Engineers Assigned By: _____

Project Number: 19082
Boring: IHNC-TFG-1U

Current Date: 12/16/05

Sample Number	Depth in Feet	Visual Classification	USCS	E(f)	W%	Dry Dens (pcf)	Wet Dens (pcf)	Sat %	Shear Test Type	Angle	Cohesion (psf)	Unconf. Comp. Str.	LL	PL	PI	TORVANE (tsf)	Other Tests
12B	44.8	SO GR CH4 W/ LNS ML	CH4		65	59	98	95	UU	0	452.6		86	19	67	0.210	
12C	45.7	SO GR CH4 W/ SL	CH4		66												
12D	46.6	SO GR CH4 W/ SL	CH4		66												
13A	48.0	SO GR CH4 W/ SL	CH4		70												
13B	48.8	SO GR CH4	CH4	14	68	57	95	92	UC	--	306.9					0.100	
13C	49.7	SO GR CH4 W/ LNS ML	CH4		60												
13D	50.6	SO GR CH4	CH4		68												
14A	52.0	M GR CH4 W/ LNS ML, SL	CH4		72												
14B	52.8	M GR CH4 W/ LNS ML, SL	CH4		72	55	95	95	UU	0	504.7		100	22	78	0.240	
14C	53.7	M GR CH4 W/ LNS ML, SL	CH4		62												
14D	54.6	M GR CH4 W/ LNS ML, SL	CH4		60												
15A	56.0	SO GR CL3 W/ SIF, ARS CH	CL3		26												
15B	56.8	SO GR CL3 W/ SIF, ARS CH	CL3		25	96	120	88	UU	0	415.4		25	7	18		
15C	57.7	SO GR CL3 W/ SIF, ARS CH	CL3		28												
15D	58.6	SO GR CL3 W/ SIF, ARS CH	CL3		26												
16	60.0	SO GR CL3 W/ ARS CH, TR-WD	CL3		27												
17	61.5	BR SP	SP		25												

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