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ROSEIRES SOIL SURVEY

REPORT No. 9

DINDER–BLUE NILE GEZIRA
SENNAR TO CONFLUENCE
SEMI-DETAILED
SOIL SURVEY AND LAND CLASSIFICATION

VOLUME II

APPENDIX 3. LABORATORY ANALYSES OF SOIL SAMPLES

HUNTING TECHNICAL SERVICES LTD.
4 ALBEMARLE STREET
LONDON, W.1

SIR M. MACDONALD & PARTNERS
CONSULTING ENGINEERS
LION HOUSE
RED LION STREET
LONDON .. W.C.1

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APPENDIX 3

LABORATORY ANALYSES OF SOIL SAMPLES

Table 3.1 - Laboratory Analyses of 27 Profiles Representative of Mapping Units.

Table 3.2 - Routine Analyses from 1026 Auger Borings.

Appendix 3

Table 3.1 - Laboratory Analyses of 27 Profiles Representative of Mapping Units

Sample No.	Pit No	Depth (cm)	Mechanical Analysis Sand 2.0-0.02 mm.	Silt 0.02-0.002 mm.	Clay 0.002 mm	E.C. mmhos/cm at 25°C.	Sol. Na meq	Ex.Na /100g	E.S.P.	pH paste	Soil and Land Class
30066	3022	0-4	23	18	59	0.50	2.2	2.2	4	8.09	NV_4 4a
30067		4-55	23	15	62	0.98	0.35	10.5	17	8.2	
30068		55-90	18	18	64	7.0	6.3	13.2	21	7.82	
30069		90-170	13	18	69	2.6	2.5	18.1	26	8.19	
30070		170-200	15	13	72	2.1	2.4	17.1	24	8.08	
30129	3041	0-5	33	15	52	0.30	0.15	1.6	3	7.9	V_4 3a
30130		5-46	28	15	57	0.48	0.15	6.2	11	8.22	
30131		46-150	28	15	57	1.08	0.4	9.3	16	8.2	
30132		150-200	28	23	49	0.9	0.4	9.0	18	8.3	
30165	3050	0-3	15	21	64	0.38	0.17	1.9	3	7.85	V_4 3a
30166		3-40	15	13	72	0.66	0.15	7.6	11	8.17	
30167		40-88	15	18	67	1.12	0.4	14.2	21	8.21	
30168		88-131	13	18	69	3.4	2.9	14.1	20	7.9	
30169		131-230	18	20	62	5.2	3.3	11.0	18	7.65	
30170		230-300									
30309	3095	5-70	25	8	67	0.38	0.25	7.4	11	7.86	V_4 2
30310		70-127	22	11	67	0.80	0.55	8.9	13	8.34	
30311		127-187	22	11	67	0.60	0.35	8.8	13	8.25	
30312		187-200	35	16	49	0.50	0.5	5.8	12	8.10	
30485	3123	0-80	22	12	66	1.64	1.6	18.8	29	8.18	NV_4 6a
30486		80-190	17	15	68	5.9	6.6	15.0	22	7.78	
30487		190-200	20	15	65	6.1	6.8	14.4	22	7.77	
30478	3140	8-95	17	17	66	0.84	0.3	8.1	12	7.93	V_4 2
30479		95-138	15	17	68	0.60	0.2	8.6	13	7.96	
30480		138-170	12	22	66	0.56	0.2	7.4	11	8.07	
30481		170-200	20	34	46	0.54	0.2	6.2	13	8.05	
40097	4031	0-8	26	11	63	0.55	0.25	6.0	10	8.10	NV_4 4a
40098		8-35	21	11	68	0.63	0.25	12.8	19	8.10	
40099		35-66	19	13	68	1.75	1.3	16.4	24	8.2	
40100		66-100	19	13	68	7.0	6.0	16.2	24	7.9	
40101		100-190	19	10	71	6.85	6.7	16.3	23	8.00	
40102		190-200	19	10	71	7.8	7.0	17.0	24	8.00	
40181	4057	0-2	21	16	63	0.98	0.5	3.7	6	7.81	NV_4 6a
40182		2-75	21	11	68	0.36	0.1	15.2	22	8.20	
40183		75-100	19	13	68	4.10	3.3	13.7	20	7.80	
40184		100-155	19	10	71	5.8	5.0	12.4	17	7.90	
40185		155-180	19	15	66	5.4	4.7	9.2	14	7.80	
40186		180-200	16	16	68	5.7	5.2	11.5	17	7.85	
40313	4089	0-25	20	14	66	0.66	0.63	10.6	16	8.75	NV_4 6a
40314		25-75	22	12	66	1.36	1.08	15.1	23	8.71	
40315		75-160	20	14	66	4.30	4.90	19.1	29	8.38	
40316		160-200	17	17	66	3.70	4.25	17.0	26	8.55	
40746	4145	0-70	17	12	71	0.60	0.49	11.1	16	8.30	NV_4 4a
40747		70-115	17	14	68	1.70	1.60	16.8	25	8.53	
40748		115-180	19	11	70	3.30	3.40	15.0	21	8.8	
40749		180-200	15	14	71	5.80	4.6	11.0	15	8.38	

Appendix 3

Table 3.1 - Laboratory Analyses of Profiles Representative of Mapping Units

Sample No.	Pit No	Depth (cm)	Mechanical Analysis Sand 2.0-0.02 mm.	Silt 0.02-0.002 mm.	Clay 0.002 mm	E.C. mmhos/cm at 25°C.	Sol. Na meq	Ex.Na /100g	E.S.P.	pH paste	Soil and Land Class
50181	5046	0-4	16	18	66	0.80	0.35	8.7	13	8.57	NV_4 4a
50182		4-35	14	13	73	0.68	0.15	14.5	20	8.49	
50183		35-110	19	12	69	1.20	0.6	14.9	22	8.35	
50184		110-210	16	16	68	1.3	1.5	16.6	24	8.6	
50185		210-280	19	19	62	1.2	1.05	16.4	26	8.59	
50186	5047	0-5	21	5	74	0.52	0.15	2.7	4	7.80	V_4 3a
50187		5-25	29	30	41	0.57	0.2	5.4	13	8.00	
50188		25-70	21	19	60	0.75	0.35	8.8	15	8.25	
50189		70-120	19	18	63	2.00	1.25	11.4	18	8.05	
50190		120-180	19	16	65	1.1	0.8	10.1	16	8.15	
50191		180-200	29	22	49	0.95	0.65	8.2	17	8.23	
50411	5113	0-23	17	12	61	0.5	0.15	3.9	6	7.87	V_4 2
50412		23-88	22	17	61	0.64	0.15	9.5	16	7.97	
50413		88-136	17	17	66	0.70	0.2	10.6	16	8.15	
50414		136-200	42	25	33	0.60	0.1	7.9	24	8.14	
60079	6017	0-3	26	16	58	0.46	0.7	0.7	12	8.00	NV_2 6a
60059		3-60	39	12	49	2.80	2.2	15.1	31	8.35	
60060		60-115	34	10	56	5.5	5.1	11.6	21	8.25	
60061		115-140	31	11	58	2.4	2.7	13.6	23	8.60	
60062		140-180	29	12	59	2.4	2.6	14.8	25	8.58	
60063		180-200	29	14	57	2.3	2.35	16.0	28	8.58	
60132	6039	0-80	25	13	62	1.2	0.85	12.9	21	8.25	NV_4 6a
60133		80-170	20	13	67	3.6	4.0	17.6	26	8.15	
60134		170-200	20	13	67	2.6	3.2	15.9	24	7.90	
60225	6069	0-80	22	12	66	0.88	0.6	12.2	18	8.2	NV_4 4a
60226		80-170	20	12	68	4.1	4.4	13.6	20	7.78	
60227		170-200	30	12	58	5.9	5.3	10.7	18	7.76	
60252	6077	0-55	37	12	51	2.5	1.5	1.7	3	7.95	V_4 2
60253		55-170	40	9	51	0.94	0.5	7.5	15	8.12	
60254		170-200	55	9	36	1.00	0.3	4.9	14	8.05	
60483	6153	0-50	22	16	62	0.62	0.42	10.0	16	8.75	NV_4 4a
60484		50-90	27	12	61	2.80	2.52	12.7	21	8.52	
60485		90-140	20	14	66	2.70	3.10	14.5	22	8.42	
60486		140-180	16	12	72	4.10	4.40	13.2	18	8.22	
60487		180-200	25	19	56	2.00	2.17	14.6	26	8.57	
60515	6162	0-30	22	14	64	0.60	0.58	15.0	23	8.78	NV_4 6a
60516		30-80	25	11	64	4.20	2.58	19.8	31	8.63	
60517		80-140	17	14	69	4.60	4.70	19.3	28	8.49	
60518		140-200	17	17	66	6.10	7.20	14.0	21	8.31	
70114	7036	0-5	20	18	62	0.47	0.18	8.5	14	8.35	NV_4 4a
70115		5-50	25	13	62	0.80	0.37	12.1	20	8.25	
70116		50-90	28	15	57	4.9	3.6	11.7	21	7.92	
70117		90-160	20	16	64	5.1	4.1	12.2	19	7.88	
70118		160-200	30	21	49	2.1	1.75	10.0	20	8.19	

Appendix 3

Table 3.1 - Laboratory Analyses of Profiles Representative of Mapping Units

Sample No.	Pit No	Depth (cm)	Mechanical Analysis Sand 2.0-0.02 mm.	Silt 0.02-0.002 mm.	Clay 0.002 mm	E.C. mmhos/cm at 25°C.	Sol. Na meq	Ex.Na /100g	E.S.P.	pH paste	Soil and Land Class
70134	7042	0-5	18	23	59	0.46	0.25	7.6	13	8.48	NV_4 4a
70135		5-70	15	18	67	0.76	0.25	13.6	20	8.50	
70136		70-90	10	21	69	5.8	4.3	16.2	23	8.15	
70137		90-140	10	21	69	6.7	5.55	16.7	24	8.20	
70138		140-200	10	26	64	6.0	5.4	12.4	19	8.15	
70154	7047	0-2	45	19	37	0.40	0	1.7	5	8.18	NV_2 4a
70155		2-80	40	11	49	1.9	0.85	11.4	23	8.35	
70156		80-150	30	13	57	4.0	4.0	15.5	27	8.48	
70157		150-200	25	16	59	2.2	2.5	15.6	26	8.70	
70194	7059	0-20	20	13	67	0.56	0.13	10.0	15	8.65	NV_4 4a
70195		20-70	30	8	62	0.5	0	12.9	21	8.42	
70196		70-110	25	8	67	1.0	0.25	17.2	26	8.44	
70197		110-200	20	13	67	1.2	0.7	17.4	26	8.85	
70219	7065	0-5	36	14	50	0.60	0.5	5.4	11	8.38	NV_4 4a
70220		5-80	26	16	58	2.8	3.0	13.7	24	8.27	
70221		80-130	27	13	60	4.9	5.0	17.2	29	8.13	
70222		130-200	24	18	58	6.1	5.9	13.9	24	8.00	
70265	7079	0-5	30	16	54	0.46	0.28	5.3	10	8.29	NV_4 3a
70266		5-80	25	16	59	1.24	0.85	11.4	19	8.35	
70267		80-120	25	16	59	3.2	3.1	10.6	18	8.18	
70268		120-160	22	19	59	4.0	3.7	13.7	23	8.08	
70269		160-170	22	19	59	5.5	5.0	10.3	17	8.03	
70270		170-200	25	16	59	5.4	4.85	9.8	17	8.12	
70310	7092	0-3	30	13	57	0.42	0.25	4.0	7	8.05	V_4 3a
70311		3-65	35	11	54	0.46	0.3	7.4	14	8.30	
70312		65-160	25	13	62	3.6	3.25	11.0	18	8.15	
70313		160-180	22	16	62	2.2	2.7	12.6	20	8.40	
70314		180-200	20	18	62	5.0	4.7	9.2	15	8.15	
70413	7125	0-5	37	10	53	0.60	0.3	2.9	5	7.85	NV_4 4a
70414		5-20	35	9	56	0.80	0.4	6.0	11	8.03	
70415		20-75	35	9	56	0.84	0.5	11.9	21	8.45	
70416		75-150	25	17	58	5.1	5.2	10.0	17	7.9	
70417		150-200	27	12	61	5.0	5.2	10.4	17	7.88	

APPENDIX 3

Table 3.1 - Laboratory Analyses of Profiles Representative of Mapping Units.

Additional Data on Sand Fractions

Sample No.	Pit No.	Depth cm	Coarse Sand	Fine Sand	Total Sand
30066	3022	0-4	15	8	23
30067		4-55	13	10	23
30068		55-90	12	6	18
30069		90-170	4	9	13
30070		170-200	12	3	15
30129	3041	0-5	20	13	33
30130		5-46	20	8	28
30131		46-150	20	8	28
30132		150-200	20	8	28
30165	3050	0-3	8	7	15
30166		3-40	8	7	15
30167		40-88	8	7	15
30168		88-131	4	9	13
30169		131-230	12	6	18
30170		230-300			
30309	3095	5-70	16	9	25
30310		70-127	16	6	22
30311		127-187			22
30312		187-200	20	15	35
30485	3123	0-80	8	14	22
30486		80-190	12	5	17
30487		190-200	12	8	20
30478	3140	8-95	8	9	17
30479		95-138	4	11	15
30480		138-170	8	4	12
30481		170-200	8	12	20
40097	4031	0-8			26
40098		8-35	12	9	21
40099		35-66	12	7	19
40100		66-100	8	11	19
40101		100-190	8	11	19
40102		190-200	12	7	19
40181	4057	0-2	14	7	21
40182		2-75	12	9	21
40183		75-100	10	9	19
40184		100-155	12	7	19
40185		155-180	4	15	19
40186		180-200	12	4	16
40313	4089	0-25	12	8	20
40314		25-75			22
40315		75-160	12	8	20
40316		160-200	4	13	17
40746	4145	0-70	12	5	17
40747		70-115	12	5	17
40748		115-180	12	7	19
40749		180-200	8	7	15

APPENDIX 3

Table 3.1 - Laboratory Analyses of Profiles Representative of Mapping Units.

Additional Data on Sand Fractions

Sample No.	Pit No.	Depth cm	Coarse Sand	Fine Sand	Total Sand
50181	5046	0-4	12	4	16
50182		4-35	8	6	14
50183		35-110	12	7	19
50184		110-210	12	4	16
50185		210-280	12	7	19
50186	5047	0-5	12	9	21
50187		5-25	20	9	29
50188		25-70	12	9	21
50189		70-120	12	7	19
50170		120-180	12	7	19
50191		180-200	20	9	29
50411	5113	0-23	8	9	17
50412		23-88	4	18	22
50413		88-136	4	13	17
50414		136-200	4	38	42
60079	6017	0-3			26
60059		3-60	12	27	39
60060		60-115	12	22	34
60061		115-140	12	19	31
60062		140-180	16	13	29
60063		180-200	12	17	29
60132	6039	0-80	12	13	25
60133		80-170	14	6	20
60134		170-200	12	8	20
60225	6069	0-80	12	10	22
60226		80-170	4	16	20
60227		170-200	4	26	30
60252	6077	0-55	12	25	37
60253		55-170	12	28	40
60254		170-200	36	19	55
70114	7036	0-5	12	8	20
70115		5-50	16	9	25
70116		50-90	16	12	28
70117		90-160	12	8	20
70118		160-200	20	10	30
70134	7042	0-5	12	6	18
70135		5-70	8	7	15
70136		70-90	4	6	10
70137		90-140	4	6	10
70138		140-200	4	6	10
70154	7047	0-2	28	17	45
70155		2-80	24	16	40
70156		80-150	20	10	30
70157		150-200	16	9	25
70194	7059	0-20	12	8	20
70195		20-70	20	10	30
70196		70-110	16	9	25
70197		110-200	20	0	20

APPENDIX 3

Table 3.1 - Laboratory Analyses of Profiles Representative of Mapping Units.

Additional Data on Sand Fractions

Sample No.	Pit No.	Depth cm	Coarse Sand	Fine Sand	Total Sand
70219	7065	0-5	20	13	33
70220		5-80	16	10	26
70221		80-130	16	11	27
70222		130-200	20	4	24
70265	7079	0-5	20	10	30
70266		5-80	20	5	25
70267		80-120	16	9	25
70268		120-160	12	10	22
70269		160-170	16	6	22
70270		170-200	16	9	25
70310	7092	0-3	20	10	30
70311		3-65	20	15	35
70312		65-160	16	9	25
70313		160-180	12	10	22
70314		180-200	12	8	20
70413	7125	0-5	12	25	37
70414		5-20	12	23	35
70415		20-75	20	15	35
70416		75-150	12	13	25
70417		150-200	16	11	27

Appendix 3.

Table 3.2 - Routine Analyses from Auger Borings at 1026 Sites

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.	
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.				
30001	3001	0-45	15	19	66	1.05	9.0	V_4	2
30002		-90	17	14	69	1.7	15		
30003		-150				3.4			
30004	3002	0-45	17	17	66	0.9	19	NV_4	4a
30005		-90	17	12	71	2.2	17		
30006		-150				6.0			
30007	3003	0-45	15	14	71	0.53	14	V_4	3a
30008		-90	17	9	74	1.6	17		
30009		-150				3.6			
30014	3005	0-45	15	14	71	0.5	16	NV_4	4a
30015		-90	15	11	74	0.9	18		
30016		-150				4.8			
30017	3006	0-45	22	14	64	0.94	16	NV_4	4a
30018		-90	20	14	66	2.0	20		
30019		-150				2.9			
30020	3007	0-45	22	16	62	0.60	14	V_4	3a
30021		-90	22	16	62	2.25	18.0		
30022		-150				3.0			
30023	3008	0-45	22	16	62	3.1	14.0	V_4	3as
30024		-90	17	21	62	6.0	22.0		
30025		-150				4.9			
30026	3009	0-45	27	9	64	0.50	6.0	V_4	2
30027		-90	22	19	59	0.8	12.0		
30028		-150				0.8			
30029	3010	0-45	20	18	62	0.56	7.0	V_4	2
30030		-90	20	14	66	1.10	10.0		
30031		-150				0.75			
30032	3011	0-45	25	13	62	0.40	4	V_4	2
30033		-90	27	14	59	0.65	9.0		
30034		-150				0.72			
30035	3012	0-45	25	16	59	0.38	12.0	V_4	3a
30036		-90	28	8	64	2.1	19		
30037		-150				2.6			
30038	3013	0-45	33	10	57	0.48	5	V_4	2
30039		-90	25	13	62	0.58	8		
30040		-150				0.55			
30041	3014	0-45	20	16	64	0.70	21	NV_4	6a
30042		-90	30	13	57	3.6	26.0		
30043		-150				6.0			
30044	3015	0-45	21	15	64	0.90	4	V_4	2
30045		-90	21	17	62	1.1	9		
30046		-150				0.65			

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.			
30047	3016	0-45	21	20	59	4.90	24	NV_3 6a
30048		-90	21	15	64	6.50	17	
30049		-150				2.6		
30054	3018	0-45	25	16	59	1.70	12	V_4 3a
30055		-90	20	11	69	5.5	17	
30056		-150				4.5		
30057	3019	0-45	28	13	59	0.28	2	V_4 2
30058		-90	25	13	62	0.42	5.0	
30059		-150				0.58		
30060	3020	0-45	18	13	69	0.40	1	V_4 2
30061		-90	28	10	62	0.75	7	
30062		-150				0.53		
30063	3021	0-45	13	15	72	3.40	13	V_4 3a
30064		-90	15	16	69	5.0	19	
30065		-150				5.2		
30075	3023	0-45	21	17	62	0.50	7	V_4 2
30076		-90	25	13	62	1.8	12	
30077		-150				0.85		
30078	3024	0-45	20	16	64	1.00	10	V_4 3a
30079		-90	20	13	67	1.9	17	
30080		-150				4.4		
30081	3025	0-45	28	13	59	0.42	0	V_4 2
30082		-90	21	15	64	0.85	5	
30083		-150				0.76		
30084	3026	0045	26	177	57	0.68	20	NV_4 6a
30085		-90	24	14	62	2.3	28	
30086		-150				5.8		
30087	3027	0-45	26	15	59	0.78	22	NV_4 6a
30088		-90	24	14	62	1.6	26	
30089		-150				1.5		
30090	3028	0-45	34	17	49	2.2	7	V_2 3l
30091		-90	26	17	57	3.1	12	
30092		-150				1.2		
30093	3029	0-45	16	17	67	0.85	22	NV_4 6a
30094		-90	19	17	64	3.5	24	
30095	7	-150				4.5		
30096	3030	0-45	24	12	64	0.70	21	NV_4 6a
30097		-90	26	15	59	1.6	32	
30098		-150				2.9		
30099	3031	0-45	13	20	67	0.50	11	V_4 3a
30100		-90	15	18	67	1.9	15	
30101		-150				2,2		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.			
30102	3032	0-45	29	12	59	0.39	18	NV_4 6a
30103		-90	29	12	59	0.68	25	
30104		-150				0.6		
30105	3033	0-45	15	21	64	0.60	14	V_4 3a
30106		-90	15	18	67	1.10	20	
30107		-150				1.0		
30108	3034	0-45	26	15	59	0.58	18	NV_4 4a
30109		-90	24	14	62	1.65	22	
30110		-150				1.35		
30111	3035	0-45	18	15	67	0.49	10	V_4 3a
30112		-90	15	20	65	1.10	16	
30113		-150				1.20		
30114	3036	0-45	18	19	63	0.42	8	V_4 2
30115		-90	18	22	60	1.40	11	
30116		-150				0.75		
30117	3037	0-45	15	20	65	0.95	9	V_4 3a
30118		-90	18	15	67	2.3	16	
30119		-150				1.15		
30120	3038	0-45	28	16	56	0.40	9	V_4 3a
30121		-90	15	20	65	0.75	16	
30122		-150				1.40		
30123	3039	0-45	15	20	65	0.40	16	NV_4 4a
30124		-90	15	12	73	1.2	23	
30125		-150				5.0		
30126	3040	0-45	13	16	71	0.56	16	NV_4 6a
30127		-90	13	16	71	1.45	25	
30128		-150				2.9		
30133	3041	0-45	28	15	57	0.40	10	V_4 2
30134		-90	30	12	58	0.72	11	
30135		-150				0.82		
30140	3042	0-45	18	15	67	0.48	16	NV_4 4a
30141		-90	15	20	65	1.24	24	
30142		-150				2.2		
30147	3044	0-45	30	16	54	0.49	8	V_4 3a
30148		-90	30	11	59	0.56	15	
30149		-150				0.78		
30150	3045	0-45	15	16	69	0.22	11	V_4 2
30151		-90	18	13	69	1.50	14	
30152		-150				1.85		
30153	3046	0-45	23	10	67	1.90	16	NV_4 4a
30154		-90	18	13	69	1.4	24	
30155		-150				1.0		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.	
			Sand 2.0-.02 mm.	Silt .02-0.002 mm.	Clay .002 mm.				
30156	3047	0-45	23	15	62	0.80	15	V_4	3a
30157		-90	20	16	64	1.60	20		
30158		-150				1.40			
30159	3048	0-45	23	10	67	0.50	15	V_4	3a
30160		-90	18	15	67	3.15	24		
30161		-150				2.8			
30162	3049	0-45	30	13	57	0.55	15	V_4	3a
30163		-90	20	18	62	1.20	19		
30164		-150				1.2			
30170	3051	0-45	33	10	57	0.38	4	V_4	2
30171		-90	28	8	64	0.60	10		
30172		-150				0.64			
30173	3052	0-45	15	16	69	0.50	12	V_4	3a
30174		-90	15	16	69	2.2	18		
30175		-150				4.5			
30181	3053	0-45	25	13	62	0.60	21	NV_4	6a
30182		-90	25	8	67	1.05	25		
30183		-150				0.98			
30189	3055	0-45	18	19	63	2.4	21	NV_4	6a
30190		-90	18	16	66	4.7	27		
30191		-150				6.0			
30192	3056	0-45	21	16	63	1.4	20	NV_4	6a
30193		-90	21	13	66	2.8	29		
30194		-150				1.8			
30195	3057	0-45	21	13	66	0.88	23	NV_4	6a
30196		-90	18	14	68	2.6	29		
30197		-150				5.0			
30198	3058	0-45	31	11	58	0.76	23	NV_4	6a
30199		-90	18	14	68	1.7	25		
30200		-150				4.4			
30201	3059	0-45	18	14	68	1.15	18	NV_4	4a
30202		-90	16	13	71	2.5	23		
30203		-150				1.9			
30204	3060	0-45	18	14	68	0.56	16	NV_4	4a
30205		-90	26	11	63	1.5	22		
30206		-150				3.4			
30207	3061	0-45	13	16	71	1.1	12	V_4	3a
30208		-90	21	13	66	3.1	19		
30209		-150				2.5			
30210	3062	0-45	23	14	63	0.60	12	V_4	3a
30211		-90	21	16	63	1.25	17		
30212	7	-150				0.94			

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0-.02 mm.	Silt .02-0.002 mm.	Clay .002 mm.			
30213	3063	0-45	23	19	58	0.59	10	V_4 3a
30214		-90	26	16	58	0.74	15	
30215		-150				0.68		
30216	3064	0-45	18	16	66	0.48	16	NV_4 4a
30217		-90	16	16	68	1.16	20	
30218		-150				1.04		
30219	3065	0-45	28	19	53	0.60	16	NV_4 4a
30220		-90	23	14	63	3.6	19	
30221		-150				2.3		
30222	3066	0-45	18	16	66	0.80	21	NV_4 6a
30223		-90	18	16	66	3.0	22	
30224		-150				2.7		
30225	3067	0-45	18	16	66	0.64	19	NV_4 4a
30226		-90	18	16	66	3.4	24	
30227		-150				3.0		
30228	3068	0-45	21	16	63	0.88	16	NV_4 6a
30229		-90	21	13	66	5.0	27	
30230		-150				6.0		
30231	3069	0-45	28	14	58	0.75	9	V_4 2
30232		-90	28	14	58	1.2	14	
30233		-150				0.68		
30234	3070	0-45	21	16	63	1.64	28	NV_4 6a
30235		-90	16	18	66	6.5	27	
30236		-150				6.8		
30237	3071	0-45	18	19	63	0.55	10	V_4 3a
30238		-90	18	16	66	1.8	15	
30239		-150				3.4		
30240	3072	0-45	13	16	71	0.50	8	V_4 2
30241		-90	13	16	71	1.55	14	
30242		-150				2.0		
30243	3073	0-45	18	19	63	0.5	7	V_4 2
30244		-90	18			0.9		
30245		-150	18	16	66	1.65	14	
30246	3074	0-45	21	16	63	0.50	5	V_4 2
30247		-90	21	16	63	0.70	12	
30248		-150				0.64		
30249	3075	0-45	16	18	66	0.90	28	NV_4 6a
30250		-90	21	13	66	4.0	30	
30251		-150				3.1		
30252	3076	0-45	21	16	63	0.80	25	NV_4 6a
30253		-90	13	19	68	5.2	29	
30254		-150				4.0		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.	
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.				
30255	3077	0-45	23	14	63	0.42	12	V_4	2
30256		-90	23	14	63	1.1	15		
30257		-150				0.70			
30258	3078	0-45	21	18	61	0.45	8	V_4	2
30259		-90	23	14	63	0.75	14		
30260		-150				0.74			
30261	3079	0-45	36	13	51	0.70	16	NV_4	6a
30262		-90	33	14	53	2.4	26		
30263		-150				1.25			
30264	3080	0-45	18	11	71	0.64	20	NV_4	6a
30265		-90	16	11	73	1.0	31		
30266		-150				2.1			
30267	3081	0-45	33	9	58	0.47	6	V_4	2
30268		-90	24	13	63	0.52	11		
30269		-150				0.66			
30270	3082	0-45	26	16	58	0.50	6	V_4	2
30271		-90	29	13	58	0.80	15.00		
30272		-150				0.84			
30273	3083	0-45	24	15	61	0.56	10	V_4	3a
30274		-90	21	16	63	0.90	19		
30275		-150				0.72			
30276	3084	0-45	31	16	53	0.60	7	V_4	3a
30277		-90	29	15	56	0.80	20		
30278		-150				0.68			
30279	3085	0-45	21	16	63	0.65	10.00	V_4	3a
30280		-90	21	13	66	1.7	17		
30281		-150				1.72			
30282	3086	0-45	26	16	58	0.55	10	V_4	2
30283		-90	24	13	63	0.75	14		
30284		-150				0.68			
30285	3087	0-45	24	15	61	0.65	11	V_4	3a
30286		-90	21	18	61	1.45	18		
30287		-150				1.8			
30288	3088	0-45	19	18	63	0.40	15	V_4	2
30289		-90	19	15	66	0.65	10.00		
30290		-150				0.88			
30291	3089	0-45	29	18	53	0.52	4	V_4	2
30292		-90	26	16	58	0.76	13		
30293		-150				0.76			

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.	
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.				
30294	3090	0-45	24	15	61	2.6	6	V_4	2
30295		45-90	21	16	63	4.25	14		
30296		90-150				2.3			
30297	3091	0-45	21	18	61	0.66	11	V_4	3a
30298		45-90	19	18	63	1.0	18		
30299		90-150				1.0			
30300	3092	0-45	21	18	61	0.60	14	V_4	6a
30301		45-90	19	16	65	2.2	26		
30302		90-150				6.0			
30303	3093	0-45	44	13	43	0.52	3	V_2	31
30304		45-90	29	16	55	0.60	11		
30305		90-150				0.54			
30306	3094	0-45	23	17	60	0.42	3	V_4	2
30307		45-90	16	18	66	0.66	9		
30308		90-150				0.60			
30313	3095	0-45	23	17	60	0.38	5	V_4	2
30314		45-90	23	14	63	0.82	13		
30315		90-150				0.70			
30316	3096	0-45	15	19	66	0.40	7	V_4	3a
30317		45-90	17	15	68	1.10	17		
30318		90-150				1.85			
30319	3097	0-45	25	19	56	0.42	10	V_4	3a
30320		45-90	25	17	58	2.4	20		
30321		90-150				1.65			
30322	3098	0-45	50	9	41	0.33	7	V_2	31
30323		45-90	30	14	56	0.52	14		
30324		90-150				0.80			
30325	3099	0-45	20	17	63	0.39	4	V_4	2
30326		45-90	20	14	66	0.66	9		
30327		90-150				0.68			
30328	3100	0-45	27	15	58	0.59	16	NV_4	6a
30329		45-90	22	17	61	2.2	31		
30330		90-150				3.7			
30331	3101	0-45	20	14	66	0.40	9	V_4	3a
30332		45-90	17	15	68	1.35	20		
30333		90-150				3.8			
30334	3102	0-45	27	17	56	0.37	4	V_4	2
30335		45-90	30	14	56	0.57	10		
30336		90-150				0.6			
30337	3103	0-45	20	19	61	0.54	11	V_4	3a
30338		45-90	17	20	63	0.68	19		
30339		90-150				0.72			

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.	
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.				
30340	3104	0-45	25	17	58	0.38	5	V_4	3a
30341		45-90	20	17	63	1.02	17		
30342		90-150				1.28			
30343	3105	0-45	22	17	61	0.44	11	V_4	3a
30344		45-90	20	17	63	0.94	15		
30345		90-150				0.72			
30346	3106	0-45	35	17	48	0.75	8	V_2	3al
30347		45-90	30	14	56	1.5	19		
30348		90-150				1.4			
30349	3107	0-45	32	17	51	0.58	12	V_4	3a
30350		45-90	30	14	56	0.98	18		
30351		90-150				0.88			
30352	3108	0-45	27	20	53	0.66	6	V_4	2
30353		45-90	25	17	58	1.10	14		
30354		90-150				1.28			
30355	3109	0-45	22	15	63	0.58	9	V_4	3a
30356		45-90	17	15	68	1.60	17		
30357		90-150				1.65			
30358	3110	0-45	45	12	43	0.65	7	V_2	3al
30359		45-90	37	15	48	0.60	21		
30360		90-150				0.52			
30361	3111	0-45	25	17	58	0.60	6	V_4	3a
30362		45-90	27	12	61	1.00	16		
30363		90-150				1.28			
30364	3112	0-45	25	17	58	0.65	8	V_4	3a
30365		45-90	20	17	63	0.88	17		
30366		90-150				0.60			
30367	3113	0-45	35	12	53	0.56	9	V_4	3a
30368		45-90	35	12	53	0.66	18		
30369		90-150				0.46			
30370	3114	0-45	30	14	56	0.57	5	V_4	2
30371		45-90	25	14	61	0.68	12		
30372		90-150				0.50			
30373	3115	0-45	35	12	53	0.48	6	V_4	2
30374		45-90	32	12	56	0.56	15		
30375		90-150				0.62			
30376	3116	0-45	42	10	48	0.46	4	V_2	3al
30377		45-90	40	12	48	0.80	15		
30378		90-150				0.60			
30379	3117	0-45	30	14	56	0.55	11	V_4	3a
30380		45-90	25	14	61	1.2	18		
30389		90-150				0.72			

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.			
30382	3118	0-45	20	14	66	0.52	15	NV_4 4a
30383		45-90	20	14	66	1.7	24	
30384		90-150				2.3		
30385	3119	0-45	22	15	63	0.46	7	V_4 2
30386		45-90	20	17	63	0.68	12	
30387		90-150				0.50		
30388	3120	0-45	30	17	53	1.08	24	NV_4 6a
30389		45-90	22	15	63	5.0	27	
30390		90-150				2.2		
30391	3121	0-45	25	19	56	0.70	11	V_4 3a
30392		45-90	25	14	61	2.2	23	
30393		90-150				4.45		
30394	3122	0-45	25	17	58	1.00	15	NV_4 4a
30395		45-90	25	14	61	4.0	25	
30396		90-150				6.2		
30397	3123	0-45	25	14	61	1.00	21	NV_4 6a
30398		45-90	20	14	66	2.6	25	
30399		90-150				4.55		
30400	3124	0-45	22	15	63	0.76	16	NV_4 4a
30401		45-90	20	14	66	4.4	23	
30402		90-150				5.2		
30403	3125	0-45	32	12	56	1.1	13	V_4 3a
30404		45-90	23	14	63	3.0	22	
30405		90-150				4.0		
30406	3126	0-45	25	17	58	0.75	18	NV_4 6a
30407		45-90	20	17	63	3.8	25	
30408		90-150				5.5		
30409	3127	0-45	23	17	60	0.73	15	NV_4 4a
30410		45-90	20	15	65	5.0	20	
30411		90-150				4.0		
30412	3128	0-45	23	17	60	0.74	12	V_4 6a
30413		45-90	23	14	63	5.0	26	
30414		90-150				3.0		
30415	3129	0-45	30	17	53	3.1	8	V_4 6a
30416		45-90	28	14	58	0.95	35	
30417		90-150				5.2		
30418	3130	0-45	28	14	58	2.3	15	NV_4 4a
30419		45-90	20	15	65	2.8	25	
30420		90-150				1.85		
30421	3131	0-45	25	17	58	0.69	15	NV_4 4a
30422		45-90	25	15	60	4.4	20	
30423		90-150				4.0		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.			
30424	3132	0-45	18	14	68	0.88	14	V_4 3a
30425		45-90	18	14	68	2.1	23	
30426		90-150				5.1		
30427	3133	0-45	23	17	60	0.84	14	V_4 6a
30428		45-90	30	12	58	1.65	30	
30429		90-150				5.0		
30430	3134	0-45	28	14	58	0.71	19	NV_4 4a
30431		45-90	18	14	68	4.1	24	
30432		90-150				5.85		
30433	3135	0-45	18	16	66	0.60	5	V_4 2
30434		45-90	18	14	68	0.80	11	
30435		90-150				0.65		
30436	3136	0-45	20	15	65	0.75	13	V_4 3a
30437		45-90	18	14	68	3.2	22	
30438		90-150				3.45		
30439	3137	0-45	13	17	70	0.82	13	V_4 3a
30440		45-90	15	12	73	3.1	23	
30441		90-150				2.4		
30442	3138	0-45	20	20	60	0.38	6	V_4 2
30443		45-90	18	19	63	0.41	13	
30444		90-150				0.64		
30445	3139	0-45	18	17	65	0.53	18	NV_4 4a
30446		45-90	20	15	65	2.8	22	
30447		90-150				4.6		
30451	3141	0-45	18	19	63	1.00	20	NV_4 4a
30452		45-90	15	17	68	4.9	24	
30453		90-150				5.3		
30454	3142	0-45	33	14	53	0.50	10	V_4 3a
30455		45-90	28	14	58	0.69	16	
30456		90-150				0.50		
30457	3143	0-45	25	17	58	0.66	8	V_4 2
30458		45-90	23	14	63	0.90	14	
30459		90-150				0.60		
30460	3144	0-45	25	12	63	0.47	12	V_4 3a
30461		45-90	20	15	65	1.3	18	
30462		90-150				1.25		
30463	3145	0-45	23	14	63	1.10	18	NV_4 4a
30464		45-90	18	14	68	3.5	22	
30465		90-150				5.1		
30466	3146	0-45	23	14	63	0.84	14	V_4 3a
30467		45-90	20	15	65	1.55	19	
30468		90-150				4.0		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.			
30469	3147	0-45	20	15	65	0.65	9	V_4 3a
30470		45-90	18	12	70	2.3	15	
30471		90-150				2.1		
30472	3148	0-45	18	14	68	0.66	12	V_4 3a
30473		45-90	18	14	68	1.6	21	
30474		90-150				0.95		
30475	3140	0-45	20	17	63	0.36	6	V_4 2
30476		45-90	23	14	63	0.44	8	
30477		90-150				0.54		
30482	3149	0-45	20	17	63	0.47	6	V_4 2
30483		45-90	20	15	65	1.5	14	
30484		90-150				1.25		
30488	3150	0-45	23	19	58	0.38	16	NV_4 4a
30489		45-90	20	17	63	2.1	21	
30490		90-150				1.8		
30491	3151	0-45	23	14	63	1.3	22	NV_4 6a
30492		45-90	23	14	63	5.95	26	
30493		90-150				1.55		
30494	3152	0-45	25	15	60	0.95	22	NV_4 6a
30495		45-90	20	12	68	5.3	24	
30496		90-150				6.1		
30497	3153	0-45	25	17	58	1.5	18	NV_4 6a
30498		45-90	28	14	58	4.9	29	
30499		90-150				4.65		
30500	3154	0-45	25	15	60	1.45	11	V_4 3a
30501		45-90	20	15	65	5.0	23	
30502		90-150				5.1		
30503	3155	0-45	30	17	53	0.80	15	NV_4 4a
30504		45-90	28	12	60	3.1	25	
30505		90-150				3.65		
30506	3156	0-45	17	15	68	1.55	19	NV_4 6a
30507		45-90	15	14	71	4.6	25	
30508		90-150				5.95		
30509	3157	0-45	25	12	63	1.2	20	NV_4 4a
30510		45-90	17	15	68	3.6	24	
30511		90-150				5.45		
30512	3158	0-45	32	15	53	0.95	13	V_4 3a
30513		45-90	30	12	58	4.3	22	
30514		90-150				2.2		
30515	3159	0-45	32	15	53	0.60	11	V_4 3a
30516		45-90	27	15	58	2.2	21	
30517		90-150				1.8		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.			
30518	3160	0-45	20	14	66	0.84	15	NV_4 4a
30519		45-90	15	14	71	5.2	22	
30520		90-150				5.1		
30578	3180	0-45	21	16	63	0.72	2	V_4 2
30579		45-90	19	13	68	0.48	6	
30580		90-150				0.64		
30581	3181	0-45	19	13	68	0.56	9	V_4 2
30582		45-90	19	11	70	0.65	13	
30583		90-150				0.76		
30584	3182	0-45	14	13	73	0.60	9	V_4 2
30585		45-90	16	11	73	0.98	14	
30586		90-150				0.84		
30587	3183	0-45	41	14	45	0.80	14	V_2 3a1
30588		45-90	34	13	53	1.26	23	
30589		90-150				0.66		
30590	3184	0-45	24	16	60	0.85	16	NV_4 4a
30591		45-90	24	13	63	1.36	21	
30592		90-150				0.96		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.			
30521	3161	0-45	28	15	57	0.6	7	V_4 3a
30522		-90	25	16	59	0.84	15	
30523		-150				0.76		
30524	3162	0-45	23	18	59	0.55	5	V_4 6a
30525		-90	20	16	64	0.68	35	
30526		-150				0.64		
30527	3163	0-45	28	15	57	0.70	9	V_4 2
30528		-90	25	16	59	0.76	14	
30529		-150				0.60		
30530	3164	0-45	14	18	68	0.84	13	V_4 3a
30531		-90	14	18	68	1.85	18	
30532		-150				1.90		
30533	3165	0-45	39	16	45	0.84	23	NV_2 6a
30534		-90	29	21	50	0.60	29	
30535		-150				0.96		
30536	3166.	0-45	16	16	68	0.74	15	V_4 3a
30537		-90	16	11	73	1.36	17	
30538		-150				3.60		
30539	3167	0-45	16	19	65	0.46	19	NV_4 4a
30540		-90	16	19	65	3.40	24	
30541		-150				5.90		
30542	3168	0-45	26	19	55	0.58	7	V_4 2
30543		-90	26	14	60	1.55	12	
30544		-150				1.30		
30545	3169	0-45	24	18	58	0.70	7	V_4 2
30546		-90	21	19	60	1.08	14	
30547		-150				0.88		
30548	3170	0-45	24	18	58	0.62	6	V_4 2
30549		-90	24	13	63	1.45	12	
30550		-150				2.20		
30551	3171	0-45	31	16	53	0.77	19	NV_4 4a
30552		-90	26	14	60	3.10	23	
30553		-150				5.10		
30554	3172	0-45	21	19	60	0.60	7	V_4 3a
30555		-90	19	18	63	1.10	16	
30556		-150				0.94		
30557	3173	0-45	16	16	68	0.66	11	V_4 3a
30558		-90	16	20	70	1.16	21	
30559		-150				4.60		
30560	3174	0-45	29	16	55	0.96	8	V_4 3a
30561		-90	24	13	63	2.50	17	
30562		-150				2.00		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.	
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.				
30563	3175	0-45	14	16	70	0.62	9	V_4	2
30564		-90	14	16	70	1.90	14		
30565		-150				2.45			
30566	3176	0-45	16	19	65	0.84	18	NV_4	4a
30567		-90	16	16	68	2.30	23		
30568		-150				5.10			
30569	3177	0-45	21	16	63	0.68	8	V_4	3a
30570		-90	21	16	63	0.92	19		
30571		-150				1.24			
30572	3178	0-45	26	16	58	0.72	14	V_4	3a
30573		-90	24	13	63	1.60	20.00		
30574		-150				2.00			
30575	3179	0-45	31	16	53	0.58	6	V_4	2
30576		-90	26	16	58	0.64	13		
30577		-150				0.38			
30593	3185	0-45	19	16	65	0.48	8	V_4	2
30594		-90	19	13	68	0.56	13		
30595		-150				2.20			
30596	3186	0-45	26	16	58	0.56	12	V_4	3a
30597		-90	24	16	60	0.67	17		
30598		-150				0.66			
30599	3187	0-45	16	16	68	0.68	15	V_4	3a
30600		-90	16	16	68	2.85	19		
30601		-150				4.30			
30602	3188	0-45	21	19	60	0.68	13.00	V_4	3a
30603		-90	19	18	63	0.60	17		
30604		-150				0.60			
30605	3189	0-45	19	18	63	0.70	13	V_4	3a
30606		-90	16	19	65	2.50	19		
30607		-150				5.00			
30608	3190	0-45	21	21	58	0.65	11	V_4	3a
30609		-90	21	19	60	1.10	15		
30610		-150				1.04			
30611	3191	0-45	26	20	54	1.00	17	NV_4	4a
30612		-90	24	16	60	5.20	23		
30613		-150				5.50			
30614	3192	0-45	26	19	55	0.57	10	V_4	3a
30615		-90	26	16	58	3.10	18		
30616		-150				4.20			
30617	3193	0-45	36	19	45	1.00	20.00	NV_2	6a
30618		-90	31	14	55	0.80	34		
30619		-150				0.78			

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.			
30620	3194	0-45	20	25	55	0.80	17	NV_4 6a
30621		-90	21	16	63	3.00	27	
30622		-150				2.20		
30623	3195	0-45	26	16	58	1.10	14	V_4 6a
30624		-90	19	13	68	4.80	26	
30625		-150				5.80		
30626	3196	0-45	19	18	63	0.58	8	V_4 2
30627		-90	9	18	73	0.96	14	
30628		-150				0.80		
30658	3204	0-45	21	19	60	0.82	20	NV_4 6a
30659		-90	16	16	68	3.80	25	
30660		-150				3.65		
30661	3205	0-45	13	19	68	0.57	15	V_4 3a
30662		-90	13	17	70	1.10	22.00	
30663		-150				3.90		
30664	3206	0-45	21	19	60	0.75	13	V_4 3as
30665		-90	16	19	65	5.80	21	
30666		-150				3.30		
30667	3207	0-45	21	16	63	0.88	16	NV_4 4a
30668		-90	16	14	70	4.10	22	
30669		-150				5.20		
30643	3200	0-45	16	16	68	0.78	20	V_4 4a
30644		-90	13	17	70	1.05	22	
30645		-150				5.20		
30670	3208	0-45	18	17	65	0.92	18	NV_4 4a
30671		-90	11	16	73	4.60	20	
30672		-150				3.60		
30673	3209	0-45	16	11	73	0.70	14	V_4 6a
30674		-90	18	14	68	1.70	28	
30675		-150				2.40		
30676	3210	0-45	16	19	65	0.80	16.00	NV_4 4a
30677		-90	13	17	70	2.20	20	
30678		-150				2.10		
30679	3211	0-45	16	19	65	0.50	6.8	V_4 2
30680		-90	16	16	68	0.84	10	
30681		-150				0.58		
30682	3212	0-45	16	19	65	0.74	11	V_4 2
30683		-90	8	17	75	2.20	12	
30684		-150				2.20		
30685	3213	0-45	23	17	60	0.55	11	V_4 2
30686		-90	11	14	75	1.10	13	
30687		-150				1.20		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.	
			Sand 2.0-.02 mm.	Silt .02-0.002 mm.	Clay .002 mm.				
30688	3214	0-45	18	19	63	0.48	7	V_4	2
30689		-90	16	14	70	0.90	10.00		
30690		-150				0.80			
30691	3215	0-45	16	16	68	0.72	16	NV_4	4a
30692		-90	13	17	70	2.90	20		
30693		-150				4.40			
30694	3216	0-45	16	19	65	0.80	19	NV_4	4a
30695		-90	8	17	75	3.80	21		
30696		-150				5.00			
30697	3217	0-45	16	19	65	0.80	15	V_4	3a
30698		-90	16	14	70	4.20	21		
30699		-150				4.50			
31709	3557	0-45	32	14	54	0.56	16	NV_4	6a
31710		-90	25	16	59	1.90	32		
31711		-150				2.30			
31712	3558	0-45	40	13	47	0.50	6	V_2	3a1
31713		-90	27	14	59	0.64	21		
31714		-150				0.68			
31715	3559	0-45	32	14	54	0.36	10	V_4	3a
31716		-90	31	13	56	0.84	20		
31717		-150				0.65			
31718	3560	0-45	45	11	44	0.60	17	NV_2	6a
31719		-90	32	12	56	1.00	31		
31720		-150				0.96			
31721	3561	0-45	37	17	46	0.46	24	NV_2	6a
31722		-90	31	16	53	2.40	28		
31723		-150				4.50			
31724	3562	0-45	18	16	66	0.40	11	V_4	3a
31725		-90	21	18	61	0.52	20		
31726		-150				0.52			
31727	3563	0-45	37	12	51	0.30	4	V_4	2
31728		-90	35	14	51	0.52	14		
31729		-150				0.72			
31730	3564	0-45	32	17	51	2.60	7	V_4	2
31731		-90	25	16	59	1.90	14		
31732		-150				1.25			
31733	3565	0-45	27	17	56	0.40	6	V_4	3a
31734		-90	40	11	49	0.40	16		
31735		-150				0.42			
31736	3566	0-45	35	14	51	0.42	13	V_4	6a
31737		-90	30	14	56	3.60	26		
31738		-150				2.10			

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.	
			Sand 2.0-.02 mm.	Silt .02-0.002 mm.	Clay .002 mm.				
31739	3567	0-45	30	14	56	0.40	7	V_4	2
31740		-90	27	14	59	0.43	13		
31741		-150				0.72			
31742	3568	0-45	52	14	34	0.55	12	V2	6a
31743		-90	41	13	46	1.36	26		
31744		-150				1.20			
31745	3569	0-45	23	16	61	0.32	15	NV_4	4a
31746		-90	23	16	61	1.20	22		
31747		-150				1.80			
31748	3570	0-45	26	16	58	0.42	5	V_4	2
31749		-90	21	16	63	0.60	12		
31750		-150				0.72			
31751	3571	0-45	18	24	58	0.40	5	V_4	2
31752		-90	18	19	63	0.60	12		
31753		-150				0.84			
31754	3572	0-45	18	24	58	0.32	3	V_4	3a
31755		-90	23	19	58	1.05	17		
31756		-150				0.90			
31757	3573	0-45	26	18	56	0.34	4	V_4	2
31758		-90	26	16	58	0.60	12		
31759		-150				0.76			
31760	3574	0-45	18	16	66	0.44	12	V_4	3a
31761		-90	16	16	68	0.48	20		
31762		-150				0.72			
31763	3575	0-45	16	23	61	0.38	6	V_4	2
31764		-90	16	18	66	0.70	10		
31765		-150				0.65			
31766	3576	0-45	16	21	63	0.60	20	NV_4	6a
31767		-90	16	16	68	3.60	22		
31768		-150				5.50			
40001	4001/	0-45	17	19	64	1.05	19.0	NV_4	4a
40002	938/117	-90	12	19	69	4.6	15		
40003		-150	17	19	64	6.0			
40004	4002/	0-45	12	16	72	0.78	15	NV_4	4a
40005	938/117	-90	7	14	79	2.6	15		
40006		-150	4	14	82	2.6			
40007	4003/	0-45	14	14	72	1.14	25	NV_4	6a
40008	938/117	-90	14	12	74	6.8	24		
40009		-150				7.0			
40010	4004/	0-45	15	14	71	1.35	16	NV_4	4a
40011	938/117	-90	16	11	73	1.3	21		
40012		-150				3.8			

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.	
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.				
40016	4006/	0-45	17	16	67	0.75	11	V_4	2
40017	938/117	-90	24	7	69	5.0	13		
40018		-150				2.4			
40019	4007/	0-45	17	14	69	1.46	23.0	NV_4	6a
40020	916/129	-90	14	12	74	2.4	20.0		
40021		-150				7.0			
40022	4008/	0-45	17	11	72	1.9	15	NV_4	4a
40023	916/127	-90	17	11	72	4.2	18.0		
40024		-150				4.8			
40025	4009/	0-45	14	12	74	1.24	17	NV_4	4a
40026	938/119	-90	12	11	77	4.4	19.0		
40027		-150				3.0			
40028	4010/	0-45	17	16	67	4.0	21	NV_4	6a
40029	938/119	-90	14	17	69	2.4	19		
40030		-150				7.0			
40031	4011/	0-45	17	11	72	2.3	20	NV_4	4a
40032	938/119	-90	24	7	69	4.0	22		
40033		-150				3.8			
40034	4012/	0-45	24	14	62	4.6	13	V_3	3a
40035	938/119	-90	19	14	67	2.6	17		
40036		-150				1.5			
40037	4013/	0-45	19	12	69	1.35	19	NV_4	6a
40038	938/119	-90	19	12	69	1.14	34		
40039		-150				2.8			
40040	4014/	0-45	24	14	62	1.35	17.09	NV_4	4a
40041	938/119	-90	27	11	62	3.1	21		
40042		-150				5.1			
40046	4015/	0-45	24	9	67	0.96	21	NV_4	6a
40047	938/121	-90	19	14	67	3.3	24		
40048		-150				3.8			
40055	4017/	0-45	22	11	67	0.67	17	NV_4	6a
40056	938/121	-90	24	12	64	0.68	29		
40057		-150				2.35			
40061	4019/	0-45	17	11	72	1.35	16	NV_4	4a
40062	938/121	-90	22	11	67	6.0			
40063		-150				5.2			
40064	4020/	0-45	19	14	67	1.65	22	NV_4	6a
40065	938/121	-90	19	14	67	5.6	24		
40066		-150				4.0			
40070	4022/	0-45	14	14	72	0.8	17	NV_4	6a
40071	938/121	-90	19	12	69	3.3	30		
40072		-150				5.2			

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.			
40073	4023/	0-45	29	4	67	1.2	17	NV_4 4a
40074	938/123	-90	19	14	67	6.0	23	
40075		-150				6.0		
40076	4024/	0-45	19	14	670	1.1	16	NV_4 4a
40077	938/123	-90	12	16	72	5.0	22	
40078		-150				5.0		
40079	4025/	0-45	17	16	67	1.04	15	NV_4 6a
40080	938/123	-90	27	4	69	4.7	29	
40081		-150				6.6		
40082	4026/	0-45	21	12	67	1.72	16	NV_4 6a
40083	938/123	-90	22	11	67	4.5	26	
40084		-150				3.4		
40085	4027/	0-45	22	11	67	1.1	17	NV_4 6a
40086	938/123	-90	22	14	64	4.2	28	
40087		-150				5.1		
40088	4028/	0-45	19	17	64	0.8	10.00	V_4 2
40089	938/125	-90	19	14	67	1.2	14	
40090		-150				2.4		
40091	4029/	0-45	24	17	59	0.95	17	NV_4 6a
40092	938/125	-90	19	14	67	4.2	28	
40093		-150				3.2		
40094	4030/	0-45	21	15	64	0.80	21	NV_4 6a
40095	938/121	-90	20	14	66	3.8	26	
40096		-150				3.3		
40103	4031/	0-45	18	13	69	0.64	18	NV_4 4a
40104	938/123	-90	18	13	69	4.4	24	
40105		-150				6.1		
40106	4032/	0-45	23	8	69	1.55	16	NV_4 6a
40107	938/125	-90	20	18	62	5.5	25	
40108		-150				6.5		
40109	4033/	0-45	20	13	67	0.8	11	V_4 3a
40110	938/127	-90	20	16	64	3.2	16	
40111		-150				2.8		
40112	4034/	0-45	20	16	64	0.66	14	V_4 3a
40113	938/127	-90	18	13	69	2.6	15	
40114		-150				4.8		
40115	4035/	0-45	25	13	62	0.79	12	V_4 3a
40116	938/127	-90	26	13	61	3.6	19	
40117		-150				4.3		
40118	4036/	0-45	23	13	64	0.74	17	NV_4 4a
40119	938/127	-90	24	10	66	4.0	25	
40120		-150				4.5		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.			
40121	4037/ 916/127	0-45	29	12	59	0.56	19	NV_4 6a
40122		-90	26	15	59	1.3	29	
40123		-150				4.8		
40124	4038/ 916/127	0-45	25	11	64	0.59	14	V_4 3a
40125		-90	29	12	59	2.8	22	
40126		-150				3.7		
40127	4039/ 916/125	0-45	19	12	69	0.85	19	NV_4 6a
40128		-90	29	8	63	4.0	31	
40129		-150				5.0		
40130	4040/ 916/125	0-45	18	14	68	0.73	19	NV_4 6a
40131		-90	19	12	69	6.2	25	
40132		-150				5.5		
40133	4041/ 916/121	0-45	24	10	66	1.00	21	NV_4 6a
40134		-90	19	12	69	4.8	24	
40135		-150				6.3		
40136	4042/ 916/123	0-45	26	15	59	0.98	18	NV_4 6a
40137		-90	29	5	66	6.4	28	
40138		-150				6.7		
40139	4043/ 916/123	0-45	24	12	64	1.7	15	NV_4 4a
40140		-90	29	5	66	5.0	22	
40141		-150				6.0		
40142	4044/ 916/123	0-45	26	15	59	0.7	12	V_4 2
40143		-90	26	15	59	2.0	14	
40144		-150				1.6		
40145	4045/ 917/043	0-45	24	12	64	0.34	3	V_4 2
40146		-90	29	7	64	0.6	14	
40147		-150				5.8		
40148	4046/ 917/043	0-45	19	15	66	0.56	12	V_4 3a
40149		-90	19	12	69	2.2	18	
40150		-150				3.0		
40151	4047/ 917/043	0-45	19	12	69	0.64	17	NV_4 4a
40152		-90	19	12	69	2.2	24	
40153		-150				3.3		
40154	4048/ 917/043	0-45	26	15	59	0.52	9	V_4 3a
40155		-90	29	12	59	3.5	17	
40156		-150				3.6		
40157	4049/ 917/043	0-45	24	12	64	0.70	8	V_4 3a
40158		-90	21	13	66	2.0	17	
40159		-150				2.8		
40160	4050/ 917/043	0-45	19	12	69	0.70	13	V_4 3a
40161		-90	19	12	69	2.4	17	
40162		-150				2.9		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.	
			Sand 2.0-.02 mm.	Silt .02-0.002 mm.	Clay .002 mm.				
40163	4051/	0-45	27	14	59	0.60	14	V_4	3a
40164	917/043	-90	27	12	61	2.1	17		
40165		-150				2.9			
40166	4052/	0-45	22	14	64	0.65	12	V_4	3a
40167	917/041	-90	25	11	64	1.7	16		
40168		-150				5.5			
40169	4053/	0-45	22	14	64	0.65	10	V_4	3a
40170	917/041	-90	25	11	64	2.5	16		
40171		-150				3.6			
40172	4054/	0-45	20	14	66	0.42	6	V_4	2
40173	917/041	-90	20	14	66	2.7	14		
40174		-150				3.3			
40175	4055/	0-45	27	12	61	0.4	8	V_4	3a
40176	917/041	-90	22	14	64	1.9	16		
40177		-150				4.5			
40178	4056/	0-45	25	11	64	0.55	8	V_4	2
40179	917/041	-90	22	12	66	2.4	13		
40180		-150				5.4			
40187	4058/	0-45	22	17	61	1.2	8	V_4	2
40188	917/043	-90	20	14	66	2.7	12		
40189		-150				3.8			
40190	4057/	0-45	20	16	64	0.40	6	V_4	2
40191	917/043	-90	22	14	64	1.00	15		
40192		-150				2.4			
40193	4060/	0-45	17	19	64	0.95	14	V_4	3a
40194	917/041	-90	22	17	61	5.0	17		
40195		-150				2.9			
40196	4061/	0-45	20	16	64	0.54	13	V_4	3a
40197	917/041	-90	12	22	66	1.8	17		
40198		-150				3.0			
40199	4062/	0-45	17	14	69	0.47	12	V_4	3a
40200	917/041	-90	20	11	69	2.5	17		
40201		-150				3.4			
40202	4063	0-45	20	15	65	0.68	10.00	V_4	3a
40203		-90	23	12	65	3.2	16		
40204		-150				3.65			
40205	4064	0-45	18	12	70	0.74	10	V_4	3a
40206		-90	23	12	65	1.8	16		
40207		-150				5.0			
40244	4065	0-45	20	15	65	0.50	10	V_4	3a
40245		-90	23	12	65	1.9	17		
40246		-150				3.8			

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.			
40247	4066	0-45	20	13	67	0.68	14	V_4 3a
40248		-90	20	13	67	1.5	20	
40249		-150				5.2		
40250	4067	0-45	20	13	67	1.00	19	NV_4 4a
40251		-90	18	12	70	5.0	17	
40252		-150				6.0		
40253	4068	0-45	20	15	65	0.70	15	NV_4 4a
40254		-90	18	15	67	2.6	24	
40255		-150				5.9		
40256	4069	0-45	23	12	65	0.60	15	V_4 6a
40257		-90	20	13	67	4.5	29	
40258		-150				3.75		
40259	4070	0-45	20	13	67	0.68	29	NV_4 6a
40260		-90	18	15	67	2.4	27	
40261		-150				0.98		
40208	4071	0-45	9	12	79	0.86	13	V_4 3a
40209		-90	14	12	74	2.8	19	
40210		-150				4.1		
40262	4072	0-45	9	14	77	0.67	7	V_4 2
40263		-90	12	11	77	2.98	12	
40264		-150				5.0		
40265	4073	0-45	17	11	72	1.48	14	V_4 3a
40266		-90	14	9	77	5.45	18	
40267		-150				5.0		
40268	4074	0-45	9	14	77	0.92	11	V_4 3a
40269		-90	12	14	74	2.7	16	
40270		-150				2.1		
40271	4075	0-45	12	21	67	2.8	6	V_4 2
40272		-90	19	17	64	5.0	13	
40273		-150				4.8		
40274	4076	0-45	24	14	62	1.82	11	V_4 3as
40275		-90	22	11	67	6.5	17	
40276		-150				6.1		
40277	4077	0-45	9	14	77	2.3	11	V_4 2
40278		-90	7	14	79	5.0	15	
40279		-150				2.8		
40280	4078	0-45	14	14	72	1.35	16	NV_4 4a
40281		-90	14	14	72	5.1	20	
40282		-150				3.15		
40283	4079	0-45	12	16	72	0.80	5	V_4 2
40284		-90	17	14	69	3.4	12	
40285		-150				2.1		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0-.02 mm.	Silt .02-0.002 mm.	Clay .002 mm.			
40286	4080	0-45	14	14	72	1.10	11	V_4 3a
40287		-90	14	12	74	4.5	17	
40288		-150				5.0		
40289	4081	0-45	19	9	72	2.00	12	V_4 3a
40290		-90	24	12	64	6.55	23	
40291		-150				2.8		
40292	4082	0-45	22	9	69	0.68	15	NV_4 4a
40293		-90	17	16	67	5.0	23	
40294		-150				5.25		
40295	4083	0-45	19	14	67	0.64	12	V_4 3a
40296		-90	19	14	67	2.4	16	
40297		-150				4.4		
40298	4084	0-45	22	13	65	0.95	9	V_4 3a
40299		-90	17	16	67	3.9	15	
40300		-150				4.9		
40301	4085	0-45	19	16	65	0.70	16	NV_4 4a
40302		-90	25	13	62	3.8	17	
40303		-150				4.65		
40304	4086	0-45	19	14	67	0.90	8	V_4 2
40305		-90	19	14	67	4.4	13	
40306		-150				4.5		
40307	4087	0-45	17	16	67	0.84	17	NV_4 4a
40308		-90	22	13	65	4.5	21	
40309		-150				3.8		
40310	4088	0-45	29	14	57	1.30	23	NV_4 6a
40311		-90	22	13	65	4.2	23	
40312		-150				1.9		
40317	4089	0-45	22	16	62	0.68	24	NV_4 6a
40318		-90	19	16	65	5.45	21	
40319		-150				3.4		
40320	4090	0-45	22	13	65	1.75	23	NV_4 6a
40321		-90	19	14	67	6.9	24.00	
40322		-150				4.5		
40323	4091	0-45	17	13	70	5.4	25	NV_3 6as
40324		-90	17	16	67	2.4	19	
40325		-150				6.0		
40326	4092	0-45	19	14	67	0.40	5	V_4 2
40327		-90	22	13	65	0.85	12	
40328		-150				0.99		
40329	4093	0-45	19	16	65	0.55	11	V_4 2
40330		-90	19	16	65	1.4	12	
40331		-150				0.76		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0-.02 mm.	Silt .02-0.002 mm.	Clay .002 mm.			
40332	4094	0-45	22	14	64	1.00	20	NV_4 4a
40333		-90	17	11	72	5.9	21	
40334		-150				4.45		
40335	4095	0-45	22	13	65	2.60	11	V_4 2
40336		-90	19	19	62	2.5	15	
40337		-150				1.2		
40338	4096	0-45	27	11	62	1.52	17	NV_4 4a
40339		-90	19	16	65	6.0	23	
40340		-150				7.4		
40341	4097	0-45	24	16	60	4.5	20	NV_3 6a
40342		-90	22	13	65	6.6	26	
40343		-150				6.0		
40344	4098	0-45	22	16	62	2.6	20	NV_4 6a
40345		-90	19	14	67	6.0	26	
40346		-150				6.55		
40347	4106	0-45	22	16	62	1.40	17	NV_4 4a
40348		-90	19	16	65	4.6	16	
40349		-150				1.8		
40350	4107	0-45	12	23	65	1.12	19	NV_4 4a
40351		-90	22	13	65	5.4	22	
40352		-150				6.1		
40353	4108	0-45	24	14	62	0.88	17	NV_4 4a
40354		-90	16	14	70	5.25	24	
40355		-150				2.1		
40356	4109	0-45	19	14	67	0.96	19	NV_4 4a
40357		-90	16	14	70	3.4	24	
40358		-150				4.25		
40359	4110	0-45	27	16	57	1.30	21	NV_4 6a
40360		-90	22	13	65	5.0	23	
40361		-150				6.1		
40362	4111	0-45	24	16	60	2.6	23	NV_4 6a
40363		-90	22	16	62	4.7	29	
40364		-150				3.0		
40365	4112	0-45	22	13	65	0.88	18	NV_4 4a
40366		-90	14	12	74	3.8	21	
40367		-150				2.65		
40368	4113	0-45	17	11	72	0.68	14	V_4 3a
40369		-90	14	14	72	2.9	20.00	
40370		-150				3.7		
40371	4114	0-45	19	7	74	0.68	13	V_4 3a
40372		-90	17	14	69	3.4	17	
40373		-150				2.4		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0-.02 mm.	Silt .02-0.002 mm.	Clay .002 mm.			
40374	4115	0-45	24	15	61	0.90	16	NV_4 4a
40375		-90	19	14	67	5.45	19	
40376		-150				5.5		
40377	4116	0-45	12	12	76	0.96	16	NV_4 6a
40378		-90	16	15	69	4.65	27	
40379		-150				6.75		
40380	4117	0-45	16	15	69	1.04	17	NV_4 4a
40381		-90	19	15	66	4.3	23	
40382		-150				4.6		
40383	4118	0-45	27	14	59	0.94	19	NV_4 4a
40384		-90	24	15	61	5.1	21	
40385		-150				3.4		
40386	4119	0-45	16	15	69	0.84	20	NV_4 6a
40387		-90	16	13	71	3.3	24	
40388		-150				1.9		
40389	4120	0-45	14	14	72	1.20	20	NV_4 4a
40390		-90	19	15	66	6.0	21	
40391		-150				6.1		
40392	4121	0-45	16	15	69	1.20	24	NV_4 6a
40393		-90	16	15	69	5.5	26	
40394		-150				3.6		
40395	4122	0-45	12	16	72	1.30	16	NV_4 4a
40396		-90	16	15	69	5.9	23	
40397		-150				6.5		
40398	4123	0-45	27	14	59	2.0	24	NV_4 6a
40399		-90	19	15	66	4.45	23	
40400		-150				2.7		
40401	4124	0-45	12	14	74	1.15	16	NV_4 4a
40402		-90	12	16	72	5.45	18	
40403		-150				4.9		
40404	4125	0-45	27	17	56	0.65	17	NV_4 6a
40405		-90	24	15	61	6.0	27	
40406		-150				6.5		
40407	4126	0-45	24	17	59	0.83	14	V_4 3a
40408		-90	24	17	59	3.75	20	
40409		-150				4.6		
40410	4127	0-45	22	14	64	0.65	14	V_4 3a
40411		-90	22	14	64	3.6	18	
40412		-150				3.3		
40413	4128	0-45	19	15	66	0.64	16	NV_4 4a
40414		-90	19	12	69	2.6	21	
40415		-150				3.25		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.	
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.				
40416	4129	0-45	24	17	59	1.70	20	NV_4	6a
40417		-90	22	17	61	3.9	30		
40418		-150				2.5			
40419	4130	0-45	19	17	64	1.2	19	NV_4	4a
40420		-90	17	17	66	5.9	25		
40421		-150				5.95			
40422	4131	0-45	24	15	61	0.96	23	NV_4	6a
40423		-90	20	14	66	6.4	24		
40424		-150				3.4			
40425	4132	0-45	24	12	64	1.00	23	NV_4	6a
40426		-90	19	12	69	3.95	25		
40427		-150				2.5			
40428	4133	0-45	22	14	64	1.30	24	NV_4	6a
40429		-90	17	17	66	4.5	20		
40430		-150				2.1			
40431	4134	0-45	24	12	64	2.40	21	NV_4	6a
40432		-90	22	14	64	6.0	22		
40433		-150				3.1			
40434	4135	0-45	19	15	66	1.68	20	NV_4	6a
40435		-90	19	15	66	5.9	24		
40436		-150				4.35			
40437	4136	0-45	24	12	64	0.74	14	V_4	2
40438		-90	19	15	66	3.75	12		
40439		-150				1.8			
40440	4137	0-45	24	15	61	1.67	24	NV_4	6a
40441		-90	22	14	64	5.85	24		
40442		-150				3.9			
40443	4138	0-45	25	14	61	1.10	22	NV_4	6a
40444		-90	22	14	64	4.6	27		
40445		-150				5.2			
40446	4139	0-45	27	14	59	0.60	23	NV_4	6a
40447		-90	24	12	64	3.6	19		
40448		-150				5.5			
40449	4140	0-45	22	12	66	3.6	23	NV_4	6a
40450		-90	17	12	71	5.35	22		
40451		-150				6.5			
40452	4141	0-45	24	15	61	1.60	17	NV_4	4a
40453		-90	19	15	66	4.38	20		
40454		-150				4.9			
40455	4142	0-45	24	17	59	1.24	13	V_4	2
40456		-90	22	14	64	1.62	13		
40457		-150				1.0			
40458	4143	0-45	24	17	59	1.10	17	NV_4	4a
40459		-90	17	17	66	4.48	20.00		
40460		-150				2.8			

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.			
40461	4144	0-45	22	17	61	0.64	12	V_4 3a
40462		-90	19	17	64	4.55	25.00	
40463		-150				3.4		
40464	4146	0-45	19	15	66	0.56	17	NV_4 4a
40465		-90	22	12	66	3.3	23	
40466		-150				4.65		
40467	4147	0-45	27	14	59	2.6	18	NV_4 4a
40468		-90	24	12	64	6.0	21	
40469		-150				6.0		
40470	4148	0-45	24	12	64	0.90	15	NV_4 6a
40471		-90	29	12	59	4.6	26	
40472		-150				3.3		
40473	4149	0-45	24	15	61	0.98	14	V_4 6a
40474		-90	19	17	64	5.9	27	
40475		-150				6.35		
40476	4150	0-45	17	14	69	0.68	16	NV_4 4a
40477		-90	17	14	69	3.1	22	
40478		-150				2.65		
40479	4151	0-45	19	12	69	0.78	16	NV_4 4a
40480		-90	12	14	74	0.9	21	
40481		-150				3.0		
40482	4152	0-45	14	17	69	0.60	9	V_4 2
40483		-90	14	17	69	2.65	14	
40484		-150				5.9		
40485	4153	0-45	12	16	72	0.73	7	V_4 2
40486		-90	12	14	74	3.0	11	
40487		-150				2.95		
40488	4154	0-45	14	17	69	0.85	10	V_4 2
40489		-90	9	17	74	4.2	13	
40490		-150				5.0		
40491	4155	0-45	9	19	72	0.82	12	V_4 3a
40492		-90	9	19	72	3.8	19	
40493		-150				3.85		
40494	4156	0-45	24	17	59	0.70	16	NV_4 4a
40495		-90	12	19	69	3.8	18	
40496		-150				5.5		
40497	4157	0-45	12	19	69	0.82	13	V_4 3a
40498		-90	9	17	74	3.4	18	
40499		-150				4.75		
40500	4158	0-45	24	15	61	0.90	15	NV_4 4a
40501		-90	9	19	72	4.9	19	
40502		-150				3.4		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0-.02 mm.	Silt .02-0.002 mm.	Clay .002 mm.			
40503	4159	0-45	32	14	54	0.52	10.00	V_4 3a
40504		-90	32	14	54	1.06	17	
40505		-150				0.95		
40506	4160	0-45	30	16	54	0.65	17	NV_4 4a
40507		-90	27	17	56	1.14	22	
40508		-150				0.74		
40509	4161	0-45	30	14	56	0.7	17	NV_4 4a
40510		-90	30	14	56	1.55	25	
40511		-150				1.4		
40512	4162	0-45	27	17	56	0.65	13	V_4 3a
40513		-90	22	17	61	1.2	17	
40514		-150				1.04		
40515	4163	0-45	30	11	59	2.2	30	NV_4 6a
40516		-90	22	19	59	0.98	49	
40517		-150				1.5		
40518	4164	0-45	22	14	64	0.76	16	NV_4 4a
40519		-90	20	11	69	3.5	21	
40520		-150				5.2		
40521	4165	0-45	30	16	54	1.05	18	NV_4 4a
40522		-90	25	11	64	2.6	21	
40523		-150				2.75		
40524	4166	0-45	40	14	46	1.0	22	NV_2 6a
40525		-90	35	14	51	1.54	30	
40526		-150				1.06		
40527	4167	0-45	15	16	69	0.88	18	NV_4 4a
40528		-90	15	16	69	5.3	20	
40529		-150				4.7		
40530	4168	0-45	32	17	51	4.4	20	NV_3 6a
40531		-90	22	12	66	1.6	31	
40532		-150				1.2		
40533	4169	0-45	30	11	59	1.2	26	NV_4 6a
40534		-90	30	11	59	1.9	34	
40535		-150				1.7		
40536	4170	0-45	25	16	59	0.99	19	NV_4 4a
40537		-90	20	14	66	2.55	24	
40538		-150				3.8		
40539	4171	0-45	20	18	62	0.7	10	V_4 3a
40540		-90	15	19	66	3.4	17	
40541		-150				5.0		
40542	4172	0-45	20	14	66	0.84	12	V_4 3a
40543		-90	15	14	71	4.0	20	
40544		-150				4.9		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0-.02 mm.	Silt .02-0.002 mm.	Clay .002 mm.			
40545	4173	0-45	27	14	59	0.8	13	V_4 3a
40546		-90	17	14	69	4.1	19	
40547		-150				4.5		
40548	4174	0-45	17	17	66	1.0	13	V_4 3a
40549		-90	22	14	64	3.1	20	
40550		-150				2.5		
40551	4175	0-45	26	16	58	0.75	12	V_4 3a
40552		-90	22	14	64	2.4	16	
40553		-150				2.2		
40554	4176	0-45	15	16	69	0.84	14	V_4 3a
40555		-90	20	11	69	4.3	20	
40556		-150				2.3		
40557	4177	0-45	24	18	58	0.64	8	V_4 3a
40558		-90	22	14	64	1.92	16	
40559		-150				3.4		
40560	4178	0-45	22	14	64	0.57	12	V_4 3a
40561		-90	20	14	66	1.9	18	
40562		-150				4.0		
40563	4179	0-45	20	16	64	0.92	17	NV_4 4a
40564		-90	20	14	66	3.3	22	
40565		-150				4.6		
40566	4180	0-45	27	17	56	0.80	9	V_4 3s
40567		-90	12	19	69	6.0	14	
40568		-150				4.1		
40569	4181	0-45	22	22	56	0.7	10	V_4 3a
40570		-90	20	21	59	2.9	16	
40571		-150				5.0		
40572	4182	0-45	32	14	54	1.1	6	V_4 2
40573		-90	22	17	61	3.3	11	
40574		-150				1.8		
40575	4183	0-45	27	14	59	0.84	15	V_4 3a
40576		-90	22	17	61	3.8	17	
40577		-150				1.8		
40578	4184	0-45	25	19	56	0.85	5	V_4 3a
40579		-90	22	20	58	3.8	16	
40580		-150				2.0		
40581	4185	0-45	27	17	56	0.75	9	V_4 2
40582		-90	27	15	58	2.9	14	
40583		-150				5.0		
40584	4186	0-45	32	15	53	0.72	7	V_4 3a
40585		-90	32	12	56	1.3	15	
40586		-150				1.7		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.	
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.				
40587	4187	0-45	30	14	56	0.90	13	V_4	3a
40588		-90	27	15	58	3.4	19		
40589		-150				5.5			
40590	4188	0-45	37	15	48	0.95	7	V_2	6a
40591		-90	32	15	53	1.29	25		
40592		-150				1.34			
40593	4189	0-45	35	17	48	0.98	4	V_2	3a
40594		-90	32	15	53	3.9	20		
40595		-150				5.2			
40596	4190	0-45	27	15	58	0.85	6	V_4	3a
40597		-90	22	15	63	2.7	18		
40598		- 150				4.9			
40599	4191	0-45	40	14	46	1.2	4	V_2	$3a_1$
40600		-90	30	14	56	2.4	17		
40601		-150				3.6			
40602	4192	0-45	25	17	58	0.92	13	V_4	3a
40603		-90	22	12	66	0.92	21		
40604		-150				0.66			
40605	4193	0-45	27	15	58	0.70	10	V_4	3a
40606		-90	22	15	63	3.6	18		
40607		-150				4.6			
40611	4195	0-45	45	12	43	1.2	15	NV_2	6a
40612		-90	35	12	53	1.96	28		
40613		-150				2.0			
40614	4196	0-45	42	15	43	0.88	8	V_2	3a
40615		-90	40	12	48	1.2	22		
40616		-150				1.35			
40617	4197	0-45	20	17	63	1.3	17	NV_4	4a
40618		-90	17	17	66	5.2	24		
40619		-150				6.0			
40635	4203	0-45	22	15	63	0.46	5	V_4	2
40636		-90	22	15	63	0.64	13		
40637		-150				0.76			
40638	4204	0-45	20	14	66	0.60	11	V_4	3a
40639		-90	15	14	71	2.45	16		
40640		-150				1.75			
40644	4206	0-45	17	17	66	0.50	5	V_4	2
40645		-90	20	14	66	0.80	9		
40646		-150				0.75			
40608	4194	0-45	22	17	61	0.76	9	V_4	3a
40609		-90	20	14	66	4.6	18		
40610		-150				3.20			

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.			
40620	4198	0-45	25	14	61	0.68	19	NV_4 4a
40621		-90	22	15	63	5.8	21	
40622		-150				5.7		
40623	4199	0-45	22	15	63	0.76	15	V_4 3a
40624		-90	20	14	66	4.5	22	
40625		-150				4.6		
40626	4200	0-45	27	15	58	0.73	11	V_4 3a
40627		-90	25	14	61	3.9	20	
40628		-150				5.5		
40629	4201	0-45	17	15	68	0.57	14	V_4 3a
40630		-90	17	15	68	3.9	22	
40631		-150				5.9		
40632	4202	0-45	20	17	63	1.3	16	NV_4 4a
40633		-90	17	17	66	5.4	17	
40634		-150				5.0		
40641	4205	0-45	30	17	53	1.0	11	V_4 6a
40642		-90	22	17	61	5.0	28	
40643		-150				4.7		
40647	4207	0-45	25	14	61	0.6	15	NV_4 6a
40648		-90	22	15	63	3.0	25	
40649		-150				2.7		
40650	4208	0-45	25	12	63	0.76	20	NV_4 6a
40651		-90	22	15	63	2.4	30	
40652		-150				4.0		
40653	4209	0-45	20	19	61	0.55	9	V_4 2
40654		-90	20	19	61	1.3	13	
40655		-150				1.4		
40656	4210	0-45	27	17	56	0.57	7	V_4 2
40657		-90	27	15	58	1.16	13	
40658		-150				1.0		
40659	4211	0-45	17	20	63	0.74	8	V_4 2
40660		-90	17	20	63	1.8	14	
40661		-150				1.9		
40662	4212	0-45	17	20	63	0.57	5	V_4 2
40663		-90	20	17	63	0.92	12	
40664		-150				1.1		
40665	4213	0-45	20	18	62	0.55	6	V_4 2
40666		-90	23	13	64	2.85	12	
40667		-150				2.3		
40668	4214	0-45	23	15	62	0.66	9	V_4 2
40669		-90	23	15	62	3.3	11	
40670		-150				4.5		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.			
40671	4215	0-45	25	13	62	0.6	11	V_4 3a
40672		-90	20	16	64	3.1	15	
40673		-150				4.6		
40674	4216	0-45	35	13	52	0.74	8	V_4 2
40675		-90	35	11	54	1.0	14	
40676		-150				1.1		
40677	4217	0-45	25	18	57	0.6	7	V_4 2
40678		-90	18	18	64	1.45	14	
40679		-150						
40680	4218	0-45	18	18	64	0.84	13	V_4 3a
40681		-90	18	15	67	3.0	16	
40682		-150				4.0		
40683	4219	0-45	20	13	67	7.0	5	V_3 6s
40684		-90	15	16	69	3.0	18	
40685		-150				5.1		
40686	4220	0-45	28	13	59	0.8	10	V_4 2
40687		-90	23	15	62	1.4	13	
40688		-150				1.25		
40689	4221	0-45	23	15	62	0.9	19	NV_4 4a
40690		-90	20	16	64	4.0	22	
40691		-150				5.6		
40692	4222	0-45	23	13	64	2.7	20	NV_4 4a
40693		-90	15	11	74	7.0	22	
40694		-150				7.2		
40695	4223	0-45	33	13	54	0.88	7	V_4 2
40696		-90	25	16	59	1.4	15	
40697		-150				0.95		
40698	4224	0-45	25	13	62	0.52	7	V_4 2
40699		-90	21	16	63	1.1	11	
40700		-150				1.2		
40701	4225	0-45	23	15	62	0.63	3	V_4 2
40702		-90	23	13	64	1.25	7	
40703		-150				1.75		
40704	4226	0-45	28	13	59	1.20	11	V_4 2
40705		-90	25	11	64	2.4	13	
40706		-150				1.95		
40707	4227	0-45	23	13	64	0.92	21	NV_4 6a
40708		-90	18	15	67	4.4	24	
40709		-150				6.2		
40710	4228	0-45	20	11	69	7.2	11	V_3 6s
40711		-90	13	10	77	1.64	20	
40712		-150				3.6		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.			
40713	4229	0-45	45	13	42	1.0	12	V_2 6a
40714		-90	38	10	52	1.5	26	
40715		-150				1.3		
40716	4230	0-45	38	13	49	1.0	18	NV_2 4a
40717		-90	33	13	54	4.1	19	
40718		-150				5.5		
40719	4231	0-45	23	15	62	0.33	2	V_4 2
40720		-90	60	18	32	0.66	15.00	
40721		-150				1.65		
40722	4232	0-45	58	8	34	1.1	14	E 41
40723		-90	23	13	64	1.35	9	
40724		-150				1.1		
40725	4233	0-45	30	13	57	1.08	18	NV_4 4a
40726		-90	23	10	67	6.8	19	
40727		-150				5.8		
40728	4234	0-45	15	16	69	1.1	15	NV_4 4a
40729		-90	15	18	67	4.7	15	
40730		-150				4.6		
40731	4235	0-45	25	13	62	0.9	12	V_4 2
40732		-90	25	11	64	5.0	15	
40733		-150				3.5		
40734	4236	0-45	21	17	62	2.2	20	NV_4 6a
40735		-90	22	11	67	5.4	27	
40736		-150				5.6		
40737	4237	0-45	25	13	62	0.84	14	V_4 4a
40738		-90	22	14	64	7.0	22	
40739		-150				3.6		
40740	4238	0-45	25	11	64	0.66	14	V_4 4a
40741		-90	20	13	67	3.5	25	
40742		-150				3.3		
40743	4145	0-45	18	13	69	0.75	13	V_4 3a
40744		-90	20	11	69	1.8	18	
40745		-150				3.7		
50001	5001	0-45	11	17	72	0.64	19	NV_4 4a
50002	917/045	-90	11	17	72	2.6	21	
50003	"	-150				2.4		
50013	5002/	0-45	24	14	62	0.55	15.00	NV_4 4a
50014	A141/009	-90	19	17	64	3.0	22	
50015		-150				0.70		
50016	5003/	0-45	39	9	52	0.82	28	NV_4 6a
50017	A61/117	-90	24	12	64	1.6	35	
50018		-150				1.7		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.			
50019	5004/	0-45	34	17	490	3.0	32	NV_2 6a
50020	A61/115	-90	26	17	57	4.0	34	
50021		-150				6.0		
50026	5005/	0-45	19	14	67	0.68	20	NV_4 6a
50027	915/105	-90	23	13	64	0.58	27	
50028		-150				2.5		
50035	5007/	0-45	16	17	67	0.40	7	V_4 2
50036	915/105	-90	16	20	64	0.60	11	
50037		-150				0.72		
50038	5009/	0-45	19	19	62	0.80	17	NV_4 4a
50039	915/109	-90	16	20	64	4.5	22	
50040		-150				5.5		
50041	5008/	0-45	21	17	62	0.85	16	NV_4 4a
50042	915/109	-90	19	17	64	2.8	20	
50043		-150				2.8		
50044	5010/	0-45	25	18	57	0.75	16	NV_4 4a
50045	915/109	-90	24	19	57	2.2	23	
50046		-150				3.7		
50047	5011/	0-45	21	20	59	0.55	19	NV_4 6a
50048	915/109	-90	24	17	59	3.2	28	
50049		-150				5.9		
50050	5012/	0-45	21	20	59	0.42	5	V_4 2
50051	915/107	-90	21	22	57	0.62	11	
50052		-150				0.52		
50053	5013/	0-45	24	17	59	0.72	17	NV_4 4a
50054	915/107	-90	14	19	67	3.9	18	
50055		-150				2.5		
50056	5014/	0-45	31	20	49	1.00	5	V_2 31
50057	915/107	-90	31	17	52	0.40	14	
50058		-150				1.1		
50059	5015/	0-45	21	20	59	0.39	6	V_4 2
50060	915/107	-90	21	20	59	0.70	15	
50061		-150				0.95		
50062	5016/	0-45	16	17	67	0.39	10	V_4 3a
50063	915/107	-90	14	17	69	1.2	15	
50064		-150				1.6		
50065	5017/	0-45	21	17	62	0.48	20	NV_4 6a
50066	915/109	-90	21	15	64	2.2	28	
50067		-150				5.6		
50078	5018/	0-45	37	11	52	0.39	10	V_4 3a
50079	915/105	-90	36	12	52	0.66	19	
50080		-150				0.70		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.	
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.				
50099	5023/	0-45	22	18	60	0.70	18	NV_4	4a
50100	none	-90	18	17	65	5.0	21		
50101		-150							
50102	5024/	0-45	59	9	32	0.65	18	NV_2	6a
50103	none	-90	40	13	47	1.00	16		
50104		-150				1.00			
50105	5025/	0-45	23	20	57	0.65	8	V_4	2
50106	none	-90	21	17	62	1.00	11		
50107		-150				0.75			
50108	5026/	0-45	28	10	62	0.70	22	NV_4	6a
50109	915/111	-90	25	13	62	4.6	26		
50110		-150				5.0			
50111	5027/	0-45	28	18	54	0.60	21	NV_4	6a
50112	915/111	-90	25	16	59	3.6	25		
50113		-150				1.9			
50114	5028/	0-45	28	13	59	0.84	23	NV_4	6a
50115	915/113	-90	25	13	62	4.5	29		
50116		-150							
50117	5029/	0-45	25	23	52	0.50	7	V_4	3a
50118	915/113	-90	30	16	54	0.95	16		
50119		-150							
50125	5031/	0-45	43	13	44	1.5	8	V_2	3a
50126	915/113	-90	40	13	47	1.2	23		
50127		-150				0.80			
50128	5032/	0-45	43	13	44	0.45	9	V_2	6a
50129	915/113	-90	43	13	44	1.10	25		
50130		-150				1.40			
50131	5033/	0-45	28	15	57	0.44	9	V_4	3a
50132	915/113	-90	30	13	57	0.95	17		
50133		-150				1.30			
50139	5035/	0-45	23	15	62	0.55	18	NV_4	6a
50140	915/109	-90	20	16	64	3.0	33		
50141		-150				5.1			
50148	5036/	0-45	23	18	59	0.55	28	NV_4	6a
50149	915/111	-90	20	16	64	5.5	28		
50150		-150				6.5			
50151	5037/	0-45	23	15	62	1.10	29	NV_4	6a
50152	915/111	-90	18	18	64	5.5	24		
50153		-150				6.0			
50154	5038/	0-45	33	15	52	0.78	22	NV_4	6a
50155	915/113	-90	28	13	59	5.5	26		
50156		-150				2.1			

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.			
50157	5039/	0-45	35	16	49	0.95	28	NV_2 6a
50158	915/113	-90	33	13	54	2.6	29	
50159		-150				1.4		
50160	5040/	0-45	40	13	47	0.55	15	NV_2 3a1
50161	915/111	-90	35	16	49	2.8	20	
50162		-150				3.4		
50163	5041/	0-45	23	15	62	0.80	23	NV_4 6a
50164	915/111	-90	28	10	62	5.0	26	
50165		-150				6.0		
50166	5042/	0-45	25	16	59	0.70	8	V_4 2
50167	915/105	-90	25	16	59	0.95	12	
50168		-150				0.85		
50169	5043/	0-45	23	13	64	0.39	6	V_4 2
50170	915/177	-90				0.70		
50171		-150				0.70		
50172	5044/	0-45	25	16	59	0.70	24	NV_4 6a
50173	915/177	-90	20	16	64	4.4	28	
50174		-150				6.0		
50175	5045/	0-45	40	13	47	0.68	16	NV_2 6a
50176	915/111	-90	35	13	52	0.60	22	
50177		-150				0.78		
50201	5048	0-45	23	15	62	0.75	16	NV_4 4a
50202		-90	23	15	62	3.6	24	
50203		-150				2.2		
50204	5049	0-45	25	18	57	0.45	7	V_4 2
50205		-90	23	17	60	0.90	14	
50206		-150				0.72		
50207	5050	0-45	16	19	65	0.60	10	V_4 3a
50208		-90	16	19	65	1.7	16.00	
50209		-150				1.0		
50210	5051	0-45	16	19	65	0.71	21	NV_4 6a
50211		-90	16	19	65	3.0	26	
50212		-150				6.2		
50213	5052	0-45	33	15	52	0.43	12	V_4 2
50214		-90	25	18	57	3.6	15	
50215		-150				3.0		
50392	5053	0-45	25	19	56	0.72	25	NV_4 6a
50393		-90	18	19	63	4.2	27	
50394		-150				5.0		
50216	5055	0-45	33	17	50	0.54	27	NV_4 6a
50217		-90	32	16	52	0.50	32	
50218		-150				0.56		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.			
50219	5056	0-45	43	17	40	0.70	27.00	NV_2 6a
50220		-90	35	25	40	0.68	55	
50221		-150				0.72		
50222	5057	0-45	25	23	52	2.2	28	NV_4 6a
50223		-90	23	17	60	5.4	25.00	
50224		-150				4.5		
50225	5058	0-45	20	18	62	0.56	19	NV_4 4a
50226		-90	20	15	65	2.6	22	
50227		-150				2.4		
50228	5059	0-45	20	18	62	0.61	19	NV_4 6a
50229		-90	20	18	62	0.80	27	
50230		-150				0.54		
50231	5060	0-45	23	17	60	0.68	22	NV_4 6a
50232		-90	23	15	62	5.0	26	
50233		-150				6.8		
50234	5061	0-45	25	16	59	0.96	23	NV_4 6a
50235		-90	25	13	62	4.0	32	
50236		-150				3.2		
50237	5062	0-45	32	15	53	1.94	33	NV_4 6a
50238		-90	20	13	67	1.9	42	
50239		-150				1.8		
50240	5063	0-45	28	14	58	2.5	21	NV_4 6a
50241		-90	22	19	59	6.0	31	
50242		-150				6.1		
50243	5064	0-45	52	11	37	0.93	10.00	V_2 6a
50244		-90	42	14	44	2.4	31	
50245		-150				2.2		
50246	5065	0-45	28	18	54	0.66	16	NV_4 4a
50247		-90	22	16	62	2.3	24	
50248		-150				4.7		
50249	5066	0-45	42	16	42	0.8	37	NV_2 6a
50250		-90	35	16	49	0.68	44	
50251		-150				0.64		
50252	5067	0-45	25	16	59	0.65	22	NV_4 6a
50253		-90	22	16	62	6.0	23	
50254		-150				2.9		
50255	5068	0-45	20	16	64	0.85	22	NV_4 6a
50256		-90	17	16	67	4.0	27	
50257		-150				3.9		
50258	5069	0-45	22	16	62	1.6	21	NV_4 6a
50259		-90	20	16	64	4.6	25	
50260		-150				6.0		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.	
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.				
50261	5070	0-45	32	16	52	0.76	15	NV_4	4a
50262		-90	28	14	58	4.0	25		
50263		-150				4.5			
50264	5071	0-45	20	16	64	3.4	24	NV_4	6a
50265		-90	15	18	67	1.9	24		
50266		-150				0.7			
50267	5072	0-45	50	12	38	0.48	12	V_2	6a
50268		-90	42	14	44	0.72	28		
50269		-150				0.73			
50270	5073	0-45	22	19	59	1.6	23	NV_4	6a
50271		-90	20	16	64	4.2	26		
50272		-150				4.0			
50273	5074	0-45	32	14	54	0.42	11	V_4	3a
50274		-90	30	13	57	0.6	21		
50275		-150				2.2			
50280	5075	0-45	17	19	64	1.2	18	NV_4	6a
50281		-90	12	39	49	3.3	35		
50282		-150				4.9			
50283	5076	0-45	20	16	64	0.45	7	V_4	3a
50284		-90	17	19	64	0.84	16		
50285		-150				0.6			
50286	5077	0-45	22	16	62	0.8	22	NV_4	6a
50287		-90	30	16	54	2.6	31		
50288		-150				1.3			
50289	5078	0-45	17	16	67	0.52	13	V_4	6a
50290		-90	27	16	57	1.5	25		
50291		-150				2.0			
50292	5079	0-45	22	16	62	0.56	15	V_4	3a
50293		-90	22	14	64	1.6	22		
50294		-150				1.4			
50295	5080	0-45	22	15	63	0.60	18	NV_4	6a
50296		-90	27	14	59	3.2	27		
50297		-150				5.4			
50298	5081	0-45	22	19	59	0.76	10	V_4	2
50299		-90	22	16	62	0.68	12		
50300		-150				0.70			
50301	5082	0-45	17	15	68	0.80	19	NV_4	4a
50302		-90	19	16	65	2.8	22		
50303		-150				4.9			
50304	5083	0-45	22	15	63	0.80	21	NV_4	6a
50305		-90	9	23	68	3.0	25		
50306		-150				5.0			

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.			
50307	5084	0-45	24	13	63	1.16	25	NV_4 6a
50308		-90	22	15	63	2.9	30	
50309		-150				1.9		
50310	5085	0-45	27	18	55	0.90	15	NV_4 6a
50311		-90	27	15	58	3.3	30	
50312		-150				2.5		
50313	5086	0-45	24	16	60	0.92	24	NV_4 6a
50314		-90	19	18	63	3.6	30	
50315		-150				6.0		
50316	5087	0-45	22	18	60	1.5	23	NV_4 6a
50317		-90	19	15	65	3.8	25	
50318		-150				6.0		
50319	5088	0-45	34	16	50	2.6	32	NV_4 6a
50320		-90	24	18	58	6.5	28	
50321		-150				2.0		
50322	5089	0-45	37	15	48	0.4	25.00	NV_2 6a
50323		-90	32	15	53	0.88	32	
50324		-150				0.65		
50325	5090	0-45	29	16	55	0.68	17	NV_4 4a
50326		-90	27	15	59	0.60	24	
50327		-150				0.60		
50328	5091	0-45	44	13	43	1.2	29	NV_2 6a
50329		-90	32	15	53	1.1	35	
50330		-150				1.15		
50331	5092	0-45	42	15	43	0.56	38	NV_2 6a
50332		-90	29	16	55	0.60	45	
50333		-150				0.60		
50334	5093	0-45	34	16	50	1.00	34	NV_4 6a
50335		-90	29	16	55	1.76	46	
50336		-150				2.6		
50337	5094	0-45	32	13	55	1.48	45	NV_4 6a
50338		-90	29	16	55	1.2	45	
50339		-150						
50340	5095	0-45	39	13	48	1.5	29	NV_2 6a
50341		-90	22	15	63	6.0	25	
50342		-150				2.1		
50343	5096	0-45	29	16	55	2.1	22	NV_4 6a
50345		-90	24	21	55	3.6	23	
50346		-150						
50347	5097	0-45	32	15	53	0.48	18	NV_4 6a
50348		-90	27	13	60	4.5	28	
50349		-150				2.5		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.			
50350	5098	0-45	22	13	65	0.68	21	NV_4 6a
50351		-90	22	13	65	3.2	27	
50352		-150				2.2		
50353	5099	0-45	37	10	53	2.6	22	NV_4 6a
50354		-90	27	15	58	6.0	32	
50355		-150				6.9		
50356	5100	0-45	44	11	45	1.28	27	NV_2 6a
50357		-90	37	10	53	4.4	30	
50358		-150				1.00		
50359	5101	0-45	39	13	48	0.65	15	V_2 6a
50360		-90	34	13	53	3.2	27	
50361		-150				2.2		
50362	5102	0-45	27	13	60	0.60	10	V_4 3a
50363		-90	24	13	63	1.1	17	
50364		-150				1.04		
50365	5103	0-45	29	13	58	1.6	20.00	NV_4 6a
50366		-90	27	15	58	2.8	34	
50367		-150				5.0		
50368	5104	0-45	37	15	48	0.75	10	V_2 3a1
50369		-90	32	13	55	1.64	18	
50370		-150				1.3		
50371	5105	0-45	32	15	53	0.57	14	V_4 3a
50372		-90	27	15	58	1.9	18	
50373		-150				1.7		
50374	5106	0-45	32	10	58	0.60	13	V_4 3a
50375		-90	32	10	58	1.9	21	
50376		-150				1.6		
50377	5107	0-45	22	18	60	0.92	24	NV_4 6a
50378		-90	24	13	63	2.6	29	
50379		-150				3.4		
50380	5108	0-45	37	13	50	2.4	31	NV_4 6a
50381		-90	32	13	55	2.5	33	
50382		-150				3.85		
50383	5109	0-45	33	24	43	2.49	23	NV_2 6a
50384		-90	28	14	58	3.6	27	
50385		-150				2.0		
50386	5110	0-45	26	13	61	1.6	29	NV_4 6a
50387		-90	21	13	66	4.0	33	
50388		-150				1.8		
50389	5111	0-45	38	11	51	2.3	24	NV_4 6a
50390		-90	28	14	58	4.0	31	
50391		-150				2.0		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.			
50413	5114	0-45	27	12	61	0.55	7.0	V_4 3a
50414		-90	30	12	58	0.68	21	
50415		-150				0.65		
50416	5115	0-45	20	14	66	0.70	11	V_4 3a
50417		-90	20	14	66	2.0	21	
50418		-150				4.1		
50419	5116	0-45	30	12	58	0.69	6	V_4 3a
50420		-90	27	9	64	0.90	15	
50421		-150				0.64		
50422	5117	0-45	22	14	64	0.70	4	V_4 2
50423		-90	20	14	66	0.80	12	
50424		-150				0.83		
50425	5118	0-45	25	11	64	1.27	12	V_4 6a
50426		-90	20	12	68	7.5	33	
50427		-150				8.2		
50428	5119	0-45	35	12	53	2.8	22	NV_4 6a
50429		-90	27	12	61	3.65	30	
50430		-150				1.55		
50431	5120	0-45	22	14	64	1.10	12	V_4 6a
50432		-90	32	12	56	1.64	31	
50433		-150				1.2		
50434	5121	0-45	20	14	66	6.8	30	NV_3 6as
50435		-90	15	14	71	2.6	35	
50436		-150				5.0		
50437	5122	0-45	17	15	68	0.96	15	NV_4 4a
50438		-90	15	14	71	1.14	19	
50439		-150				0.72		
50440	5123	0-45	17	12	71	0.78	14	V_4 3a
50441		-90	15	14	71	2.3	19	
50442		-150				2.5		
50443	5124	0-45	23	12	65	1.2	25	NV_4 6a
50444		-90	18	15	67	4.3	32	
50445		-150				4.1		
50446	5125	0-45	30	13	57	2.6	22	NV_4 6a
50447		-90	23	12	65	3.3	25	
50448		-150				6.0		
50449	5126	0-45	28	12	60	1.7	21	NV_4 6a
50450		-90	23	15	62	6.0	26	
50451		-150				5.0		
50452	5127	0-45	28	15	57	1.05	26	NV_4 6a
50453		-90	23	12	65	2.75	29	
50454		-150				3.25		
50455	5128	0-45	28	12	60	1.05	22	NV_4 6a
50456		-90	23	12	65	4.9	23	
50457		-150				6.1		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.			
50458	5129	0-45	25	18	57	3.1	20	NV_4 6a
50459		-90	25	15	60	6.0	21	
50460		-150				4.4		
50461	5130	0-45	18	20	62	1.6	24	NV_4 6a
50462		-90	15	18	67	4.2	25	
50463		-150				5.1		
50464	5131	0-45	23	15	62	1.50	24	NV_4 6a
50465		-90	20	15	65	3.8	28	
50466		-150				6.5		
50467	5132	0-45	23	12	65	0.80	22	NV_4 6a
50468		-90	23	12	65	4.3	24	
50469		-150				2.25		
50470	5133	0-45	23	15	62	3.00	26	NV_4 6a
50471		-90	18	15	67	5.4	31	
50472		-150				7.0		
50473	5134	0-45	28	12	60	3.4	27	NV_4 6a
50474		-90	23	12	65	5.6	25	
50475		-150				6.0		
50476	5135	0-45	38	12	50	2.2	26	NV_4 6a
50477		-90	33	12	55	2.0	32	
50478		-150				6.1		
50479	5136	0-45	35	13	52	0.60	7	V_4 2
50480		-90	31	15	54	0.64	13	
50481		-150				0.60		
50482	5137	0-45	31	17	52	2.2	20.00	NV_4 6a
50483		-90	26	15	59	3.3	35	
50484		-150				6.0		
50485	5138	0-45	19	17	64	2.6	29	NV_4 6a
50486		-90	16	17	67	4.0	26	
50487		-150				6.5		
50488	5139	0-45	39	14	47	0.72	27	NV_2 6a
50489		-90	39	12	49	0.50	35	
50490		-150				0.56		
50491	5140	0-45	24	17	59	1.16	23	NV_4 6a
50492		-90	24	22	54	0.80	15.00	
50493		-150				6.0		
50494	5141	0-45	34	17	49	2.8	27	NV_2 6a
50495		-90	22	13	65	3.4	28	
50496		-150				1.4		
50497	5142	0-45	22	13	65	1.9	26	NV_4 6a
50498		-90	17	16	67	3.8	32	
50499		-150				1.6		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.			
50500	5143	0-45	32	11	57	1.00	23	NV_4 6a
50501		-90	27	13	60	4.0	27	
50502		-150				2.0		
50503	5144	0-45	29	14	57	5.2	24	NV_3 6a
50504		-90	27	13	60	1.9	33	
50505		-150				1.9		
50506	5145	0-45	24	14	62	2.1	17	NV_4 4a
50507		-90	19	16	65	4.2	23	
50508		-150				6.1		
50509	5146	0-45	19	19	62	4.9	25	NV_3 6a
50510		-90	14	16	70	2.4	32	
50511		-150				2.3		
50512	5147	0-45	37	13	50	1.56	30	NV_4 6a
50513		-90	29	14	57	0.44	37	
50514		-150				0.9		
50515	5148	0-45	22	18	60	2.75	23	NV_1 6a
50516		-90	19	16	65	1.28	37	
50517		-150				1.2		
50518	5149	0-45	29	14	57	4.5	23	NV_3 6a
50519		-90	22	16	62	2.7	29	
50520		-150				1.4		
50521	5150	0-45	27	16	57	3.9	38	NV_4 6a
50522		-90	22	16	62	5.5	25	
50523		-150				1.6		
50524	5151	0-45	17	17	66	1.84	27	NV_4 6a
50525		-90	15	14	71	4.8	26	
50526		-150				5.0		
50527	5152	0-45	20	14	66	1.30	23	NV_4 6a
50528		-90	20	12	68	2.6	29	
50529		-150				4.45		
50530	5153	0-45	55	17	28	0.55	1.0	E 4L
50531		-90	42	30	28	0.48	4	
50532		-150				1.3		
50533	5154	0-45	30	17	53	1.9	24	NV_4 6a
50534		-90	30	14	56	3.1	27	
50535		-150				5.8		
50536	5155	0-45	25	14	61	3.25	17.0	NV_4 6a
50537		-90	17	15	68	6.0	26	
50538		-150				6.6		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.			
50539	5156	0-45	30	12	58	2.1	24	NV_4 6a
50540		-90	22	12	66	3.45	26	
50541		-150				3.1		
50542	5157	0-45	20	12	68	2.5	24	NV_4 6a
50543		-90	15	14	71	4.2	27	
50544		-150				5.9		
50545	5158	0-45	27	15	58	2.15	19	NV_4 6a
50546		-90	20	14	66	3.7	26	
50547		-150				4.9		
50548	5159	0-45	50	9	41	1.45	29	NV_2 6a
50549		-90	37	15	48	0.99	39	
50550		-150				0.72		
50551	5160	0-45	32	12	56	0.64	18	NV_4 4a
50552		-90	32	12	56	0.74	15.00	
50553		-150				0.96		
50554	5161	0-45	20	17	63	1.68	26	NV_4 6a
50555		-90	15	17	68	4.5	29	
50556		-150				2.5		
50557	5162	0-45	25	12	63	0.60	6	V_4 2
50558		-90	22	12	66	0.66	11	
50559		-150				0.66		
50560	5163	0-45	27	12	61	1.36	20	NV_4 6a
50561		-90	17	12	71	3.2	23	
50562		-150				1.9		
50563	5164	0-45	17	17	66	0.60	13	V_4 3a
50564		-90	17	17	66	1.45	16	
50565		-150				1.25		
50566	5165	0-45	27	12	61	2.2	20.00	NV_4 6a
50567		-90	32	10	58	6.1	25	
50568		-150				3.2		
50569	5166	0-45	27	15	58	1.10	15	NV_4 4a
50570		-90	25	12	63	1.36	23	
50571		-150				1.1		
50572	5167	0-45	35	12	53	1.75	18	NV_4 6a
50573		-90	30	12	58	2.2	34	
50574		-150				1.4		
50575	5168	0-45	22	17	61	2.55	26	NV_4 6a
50576		-90	20	12	68	3.9	31	
50577		-150				5.8		
50578	5169	0-45	35	12	53	4.4	27	NV_3 6a
50579		-90	30	14	56	1.9	36	
50580		-150				1.8		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.			
50581	5170	0-45	27	12	61	1.9	17	NV_4 6a
50582		-90	22	12	66	5.8	25	
50583		-150				3.7		
50584	5171	0-45	17	17	66	0.77	14	V_4 3a
50585		-90	17	15	68	4.4	20	
50586		-150				2.1		
50587	5172	0-45	22	15	63	3.0	20	NV_4 6a
50588		-90	20	14	66	1.75	28	
50589		-150				2.0		
50590	5173	0-45	20	14	66	1.10	20	NV_4 6a
50591		-90	17	17	66	5.0	27	
50592		-150				5.2		
50593	5174	0-45	35	14	51	1.2	19	NV_4 6a
50594		-90	30	12	58	1.5	27	
50595		-150				1.24		
50596	5175	0-45	38	14	48	1.5	25	NV_2 6a
50597		-90	30	15	55	0.54	31	
50598		-150				0.61		
50599	5176	0-45	43	12	45	0.76	15	NV_2 6a
50600		-90	43	9	48	0.64	25	
50601		-150				0.6		
50602	5177	0-45	23	17	60	1.2	20	NV_4 6a
50603		-90	20	15	65	4.85	22	
50604		-150				5.2		
50605	5178	0-45	20	12	68	0.80	7	V_4 3a
50606		-90	48	9	43	1.0	17	
50607		-150				1.0		
50608	5179	0-45	30	17	53	0.48	6	V_4 2
50609		-90	30	12	58	0.72	13	
50610		-150				0.76		
50611	5180	0-45	25	15	60	1.10	12	V_4 3a
50612		-90	25	12	63	3.0	16	
50613		-150				2.0		
50614	5181	0-45	28	14	58	0.64	14	V_4 3a
50615		-90	23	12	65	0.70	19	
50616		-150				0.66		
50617	5182	0-45	35	17	48	1.1	13	V_2 3a
50618		-90	38	22	40	1.9	21	
50619		-150				1.8		
50620	5183	0-45	28	14	58	0.55	8	V_4 2
50621		-90	23	15	63	0.95	14	
50622		-150				0.84		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.			
50623	5184	0-45	35	15	50	1.00	17	NV_4 4a
50624		-90	40	12	48	0.5	12	
50625		-150				0.8		
50626	5185	0-45	23	14	63	0.62	15	NV_4 4a
50627		-90	20	15	65	0.74	19	
50628		-150				0.54		
50629	5186	0-45	18	12	70	4.6	18.00	NV_3 4a
50630		-90	18	14	68	2.2	22	
50631		-150				0.93		
50632	5187	0-45	20	15	65	0.78	24	NV_4 6a
50633		-90	18	12	70	3.3	27	
50634		-150				4.4		
50635	5188	0-45	28	9	63	0.64	10	V_4 3a
50636		-90	28	9	63	0.72	16	
50637		-150				0.64		
50638	5189	0-45	20	17	63	0.52	17	NV_4 4a
50639		-90	20	15	65	0.90	20	
50640		-150				0.72		
50641	5190	0-45	25	17	58	0.90	19	NV_4 4a
50642		-90	20	15	65	3.1	20	
50643		-150				1.8		
50644	5191	0-45	30	15	55	2.2	23	NV_4 6a
50645		-90	25	12	63	5.2	25	
50646		-150				2.4		
50647	5192	0-45	28	12	60	0.84	16	NV_4 4a
50648		-90	23	14	63	2.1	22	
50649		-150				1.4		
50650	5193	0-45	40	15	45	1.00	25	NV_2 6a
50651		-90	35	12	53	1.12	31	
50652		-150				0.9		
50653	5194	0-45	33	14	53	0.60	35	NV_4 6a
50654		-90	48	9	43	0.84	31	
50655		-150				0.6		
50656	5195	0-45	20	17	63	0.92	21	NV_4 4a
50657		-90	15	17	68	2.75	23	
50658		-150				5.2		
50659	5196	0-45	23	14	63	1.65	26	NV_4 6a
50660		-90	18	17	65	5.2	27	
50661		-150				6.1		
50662	5197	0-45	28	14	58	0.84	19	NV_4 4a
50663		-90	23	17	60	2.8	23	
50664		-150				1.9		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.			
50665	5198	0-45	13	14	73	0.80	21	NV_4 6a
50666		-90	15	12	73	2.0	20	
50667		-150				4.8		
50668	5199	0-45	18	12	70	0.75	14	V_4 2
50669		-90	18	12	70	5.1	10	
50670		-150				1.46		
50671	5200	0-45	23	14	63	1.00	27	NV_4 6a
50672		-90	20	12	68	5.0	27	
50673		-150				5.2		
50674	5201	0-45	20	12	68	0.85	16	NV_4 4a
50675		-90	25	15	60	4.1	22	
50676		-150				5.2		
50677	5202	0-45	33	14	53	3.4	20	NV_4 6a
50678		-90	25	15	60	2.6	28	
50679		-150				1.5		
50680	5203	0-45	28	17	55	0.96	22	NV_4 6a
50681		-90	25	15	60	4.1	23.00	
50682		-150				2.4		
50684	5204	0-45	15	19	66	6.0	23	NV_3 6as
50685		-90	15	17	68	5.45	28	
50686		-150				1.4		
50687	5205	0-45	20	19	61	3.75	26	NV_4 6a
50688		-90	18	16	66	5.5	27	
50689		-150				6.4		
50690	5206	0-45	25	14	61	1.30	13	V_4 2
50691		-90	23	14	63	3.7	9	
50692		-150				3.2		
50693	5207	0-45	40	14	46	0.84	17	NV_2 6a
50694		-90	38	14	48	1.8	31	
50695		-150				1.9		
50696	5208	0-45	40	12	48	0.67	15.00	NV_2 6a
50697		-90	35	12	53	0.9	26	
50698		-150				0.84		
50699	5209	0-45	28	14	58	0.46	14	V_4 2
50700		-90	28	11	61	0.65	12	
50701		-150				0.64		
50702	5210	0-45	25	14	61	0.47	14	V_4 2
50703		-90	25	14	61	0.68	13	
50704A		-150				0.55		
50704B	5211	0-45	23	14	63	1.35	10	V_4 6a
50705		-90	35	12	53	2.45	25	
50706		-150				2.2		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.			
50707	5212	0-45	43	11	46	0.95	14	V_2 6a
50708		-90	38	11	51	2.2	25	
50709		-150				3.5		
50710	5213	0-45	33	14	53	1.2	17	NV_4 4a
50711		-90	33	11	56	1.8	19	
50712		-150				0.56		
50713	5214	0-45	23	16	61	0.64	16	NV_4 4a
50714		-90	18	16	66	2.85	20	
50715		-150				2.2		
50716	5215	0-45	28	11	61	0.68	16	NV_4 4a
50717		-90	28	11	61	1.28	21	
50718		-150				2.8		
50719	5216	0-45	28	11	61	0.70	19	NV_4 4a
50720		-90	25	12	63	1.96	22	
50721		-150				2.8		
50722	5217	0-45	23	14	63	0.76	19	NV_4 4a
50723		-90	20	14	66	4.1	21	
50724		-150				6.0		
50725	5218	0-45	25	12	63	0.48	15	NV_4 4a
50726		-90	23	11	66	1.9	18	
50727		-150				2.8		
50728	5219	0-45	18	16	66	0.56	9	V_4 3a
50729		-90	15	17	68	1.28	16	
50730		-150				1.6.		
50731	5220	0-45	25	12	63	0.60	12	V_4 2
50732		-90	20	14	66	2.2	15	
50733		-150				1.8		
50734	5221	0-45	25	14	61	0.60	1	V_4 2
50735		-90	25	14	61	0.92	8	
50736		-150				0.84		
50737	5222	0-45	13	14	73	0.24	13	V_4 3a
50738		-90	13	11	76	1.9	19	
50739		-150				3.4		
50740	5223	0-45	23	14	63	0.60	23	NV_4 6a
50741		-90	23	11	66	3.9	27	
50742		-150				6.0		
50743	5224	0-45	25	12	63	4.8	14	V_3 3as
50744		-90	23	11	66	6.0	17	
50745		-150				5.9		
50746	5225	0-45	23	14	63	1.36	19	NV_4 4a
50747		-90	23	11	66	3.0	22	
50748		-150				5.5		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.			
50749	5226	0-45	23	19	58	3.5	25	NV_4 6a
50750		-90	20	19	61	6.4	26	
50751		-150				1.4		
50752	5227	0-45	18	14	68	0.78	11	V_4 3a
50753		-90	18	14	68	3.0	18	
50754		-150				5.0		
50755	5228	0-45	30	14	56	0.60	12	V_4 3a
50756		-90	25	17	58	0.80	21	
50757		-150				1.00		
60001	6001	0-45	17	16	67	1.55	15	NV_4 4a
60002		-90	17	14	69	3.2	18	
60003		-150				5.5		
60008	6002	0-45	24	14	62	0.9	19	NV_4 4a
60009		-90	22	11	67	4.0	24	
60010		-150				3.7		
60014	6003	0-45	15	16	69	0.5	11	V_4 3a
60015		-90	17	14	69	1.2	16	
60016		-150				1.65		
60017	6004	0-45	24	12	64	1.0	24	NV_4 6a
60018		-90	19	14	67	2.9	28	
60019		-150				2.4		
60020	6005	0-45	24	17	59	0.41	7	V_4 2
60021		-90	17	19	64	1.2	11	
60022		-150				0.8		
60023	6006	0-45	17	19	64	0.65	17	NV_4 4a
60024		-90	15	17	69	3.0	22	
60025		-150				4.0		
60026	6007	0-45	17	14	69	0.40	4	V_4 2
60027		-90	29	17	54	0.75	11	
60028		-150				0.70		
60035	6010	0-45	23	16	61	0.72	23	NV_4 6a
60036		-90	23	16	61	0.48	36	
60037		-150				6.5		
60038	6011	0-45	23	16	61	0.59	10	V_4 2
60039		-90	23	16	61	1.3	14	
60040		-150				1.25		
60041	6012	0-45	36	13	51	0.62	24	NV_4 6a
60042		-90	33	14	53	1.7	30	
60043		-150				0.43		
60044	6013	0-45	38	16	46	0.56	30	NV_2 6a
60045		-90	31	16	53	0.58	45	
60046		-150				0.60		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.			
60047	6014	0-45	36	13	51	2.20	25	NV_4 6a
60048		-90	28	14	58	4.0	35	
60049		-150				2.6		
60050	6015	0-45	23	14	63	0.48	17	NV_4 6a
60051		-90	22	11	67	2.0	25	
60052		-150				3.5		
60053	6016	0-45	18	19	63	0.48	17	NV_4 4a
60054		-90	18	14	68	1.16	24	
60055		-150				2.9		
60056	6017	0-45	38	14	48	0.81	21	NV_2 6a
60057		-90	28	14	58	3.5	24	
60058		-150				2.1		
60064	6018	0-45	22	17	61	0.60	6	V_4 2
60065		-90	22	17	61	0.32	11	
60066		-150				0.64		
60067	6019	0-45	16	16	68	0.41	11	V_4 3a
60068		-90	18	14	68	2.00	19	
60069		-150				4.0		
60070	6020	0-45	22	15	63	0.62	15	V_4 3a
60071		-90	18	16	66	1.0	23	
60072		-150				5.5		
60073	6021	0-45	18	16	66	0.55	4	V_4 2
60074		-90	18	16	66	0.58	9	
60075		-150				1.9		
60076	6022	0-45	18	16	66	1.0	19	NV_4 4a
60077		-90	22	10	68	2.8	32	
60078		-150				2.8		
60081	6023	0-45	18	16	66	0.6	26	NV_4 6a
60082		-90	18	14	68	3.1	23	
60083		-150				3.0		
60084	6024	0-45	30	12	58	0.7	22	NV_4 6a
60085		-90	20	14	66	3.8	22	
60086		-150				4.5		
60087	6025	0-45	47	10	43	0.88	26	NV_2 6a
60088		-90	37	12	51	6.1	25	
60089		-150				1.14		
60090	6026	0-45	42	12	46	0.6	26	NV_2 6a
60091		-90	30	14	56	0.78	31	
60092		-150				0.69		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.			
60093	6027	0-45	30	14	56	1.4	23	NV_4 6a
60094		-90	30	14	56	3.1	34	
60095		-150				4.45		
60096	6028	0-45	25	14	61	0.48	14	V_4 3a
60097		-90	22	15	63	2.3	20	
60098		-150				4.7		
60099	6029	0-45	22	15	63	0.54	12	V_4 3a
60100		-90	20	14	66	1.9	18	
60101		-150				4.0		
60102	6030	0-45	25	14	61	0.62	15	NV_4 4a
60103		-90	25	12	63	2.0	20	
60104		-150				3.9		
60105	6031	0-45	20	17	63	0.68	16	NV_4 4a
60106		-90	10	14	76	2.1	18	
60107		-150				3.4		
60108	6032	0-45	22	15	63	0.64	15	NV_4 4a
60109		-90	20	17	63	1.5	21	
60110		-150				4.1		
60111	6033	0-45	35	12	53	0.66	20	NV_4 6a
60112		-90	25	12	63	1.85	21	
60113		-150				4.0		
60114	6034	0-45	20	14	66	0.90	19	NV_4 4a
60115		-90	17	15	68	3.2	22	
60116		-150				6.0		
60117	6035	0-45	22	15	63	0.74	17	NV_4 4a
60118		-90	25	12	63	2.4	24	
60119		-150				4.0		
60120	6036	0-45	27	12	61	0.52	15	V_4 3a
60121		-90	22	17	61	4.5	20	
60122		-150				3.6		
60123	6037	0-45	17	17	66	0.40	6	V_4 2
60124		-90	25	14	61	1.56	11	
60125		-150				1.4		
60126	6038	0-45	40	12	48	0.72	18	NV_2 6a
60127		-90	32	15	53	1.4	31	
60128		-150				1.2		
60129	6039	0-45	25	14	61	0.56	17	NV_4 4a
60130		-90	20	14	66	2.4	25	
60131		-150				4.5		
60135	6040	0-45	22	12	66	1.1	15	V_4 3a
60136		-90	20	12	68	2.5	17	
60137		-150				5.65		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.	
			Sand 2.0-.02 mm.	Silt .02-0.002 mm.	Clay .002 mm.				
60138	6041	0-45	22	12	66	0.60	13	V_4	3a
60139		-90	22	12	66	3.1	20		
60140		-150				3.8			
60141	6042	0-45	17	15	68	0.62	11	V_4	2
60142		-90	7	12	81	2.8	14		
60143		-150				4.6			
60144	6043	0-45	20	12	68	0.60	16	NV_4	4a
60145		-90	22	12	66	0.50	17		
60146		-150				3.1			
60147	6044	0-45	25	12	63	0.60	16	NV_4	4a
60148		-90	22	12	66	4.8	20		
60149		-150				4.65			
60150	6045	0-45	22	12	66	0.72	13	V_4	3a
60151		-90	22	12	66	2.1	20		
60152		-150				3.8			
60153	6046	0-45	17	12	71	4.4	24	NV_3	6a
60154		-90	15	14	71	1.28	23		
60155		-150				0.6			
60156	6047	0-45	20	14	66	0.6	16	NV_4	4a
60157		-90	25	12	63	1.0	23		
60158		-150				5.4			
60159	6048	0-45	20	12	68	0.54	14	V_4	3a
60160		-90	12	12	76	2.4	18		
60161		-150				4			
60162	6049	0-45	27	15	58	0.75	17	NV_4	6a
60163		-90	25	12	63	5.5	26		
60164		-150				4.5			
60165	6050	0-45	22	15	63	0.82	15	NV_4	4a
60166		-90	27	12	61	2.8	20		
60167		-150				3.8			
60168	6051	0-45	22	12	66	0.73	14	V_4	3a
60169		-90	22	12	66	4.75	20		
60170		-150				4.5			
60171	6052	0-45	22	12	66	0.70	19	NV_4	6a
60172		-90	20	12	68	6.0	29		
60173		-150				4.3			
60174	6053	0-45	25	12	63	1.1	23	NV_4	6a
60175		-90	17	15	68	5.85	26		
60176		-150				5.0			
60177	6054	0-45	20	15	65	1.10	18	NV_4	4a
60178		-90	23	12	65	5.0	19		
60179		-150				4.5			

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.			
60180	6055	0-45	23	15	62	0.40	19	NV_4 4a
60181		-90	23	12	65	5.1	24	
60182		-150				2.4		
60183	6056	0-45	25	13	62	1.10	14	V_4 3as
60184		-90	23	15	62	6.0	17	
60185		-150				3.95		
60186	6057	0-45	23	15	62	0.90	15	NV_4 4a
60187		-90	23	12	65	4.4	18	
60188		-150				5.0		
60189	6058	0-45	25	12	63	1.04	16	NV_4 4a
60190		-90	25	12	63	3.3	19	
60191		-150				3.4		
60192	6059	0-45	20	14	66	0.64	12	V_4 3a
60193		-90	20	12	68	1.8	19	
60194		-150				-		
60195	6060	0-45	32	12	56	0.75	12	V_4 3a
60196		-90	30	12	58	3.85	18	
60197		-150				3.3		
60198	6061	0-45	17	12	71	0.66	14	V_4 3a
60199		-90	20	12	68	3.6	16	
60200		-150				4.9		
60201	6062	0-45	40	12	48	0.64	7	V_2 3al
60202		-90	37	12	51	0.76	18	
60203		-150				0.68		
60204	6063	0-45	32	12	56	0.70	16	NV_4 4a
60205		-90	30	12	58	1.15	23	
60206		-150				0.94		
60207	6064	0-45	27	15	58	0.46	5	V_4 2
60208		-90	25	14	61	0.56	9	
60209		-150				0.64		
60210	6065	0-45	60	4	36	0.38	2	V_2 31
60211		-90	57	7	36	0.40	1	
60212		-150				0.60		
60213	6066	0-45	37	12	51	0.64	11	V_4 3a
60214		-90	35	12	53	1.8	19	
60215		-150				1.5		
60216	6067	0-45	22	15	63	0.88	16	NV_4 4a
60217		-90	20	14	66	3.65	21	
60218		-150				3.25		
60219	6068	0-45	27	15	58	1.12	18	NV_4 4a
60220		-90	25	14	61	5.8	22	
60221		-150				1.5		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.			
60222	6069	0-45	20	14	66	0.64	13	V_4 3a
60223		-90	20	12	68	4.3	18	
60224		-150				2.6		
60228	6070	0-45	22	15	63	0.64	18	NV_4 4a
60229		-90	20	14	66	3.2	23	
60230		-150				4.55		
60231	6071	0-45	22	15	63	1.20	23	NV_4 6a
60232		-90	20	14	66	5.0	20	
60233		-150				5.15		
60234	6072	0-45	20	17	63	0.80	16	NV_4 4a
60235		-90	20	14	66	4.2	21	
60236		-150				2.2		
60237	6073	0-45	50	9	41	0.72	7	V_2 3a1
60238		-90	53	9	38	0.8	16	
60239		-150				1.4		
60240	6074	0-45	43	11	46	0.66	16	NV_2 6a
60241		-90	40	12	48	0.96	24	
60242		-150				0.72		
60243	6075	0-45	28	16	56	1.00	18	NV_4 4a
60244		-90	23	16	61	5.2	21	
60245		-150				5.4		
60246	6076	0-45	33	14	53	1.00	12	V_4 3a
60247		-90	33	14	53	4.25	16	
60248		-150				4.7		
60249	6077	0-45	40	12	48	0.40	12	V_2 31
60250		-90	40	12	48	0.84	11	
60251		-150				0.70		
60255	6078	0-45	43	14	43	0.90	15	V_2 3a
60256		-90	35	12	53	0.93	20	
60257		-150				0.70		
60258	6079	0-45	38	11	51	0.81	22	NV_4 6a
60259		-90	33	11	56	6.1	23	
60260		-150				1.7		
60261	6080	0-45	28	14	58	0.90	11	V_4 3a
60262		-90	25	14	61	2.8	22	
60263		-150				1.75		
60264	6081	0-45	28	14	58	1.10	16	NV_4 4a
60265		-90	23	11	66	5.57	20	
60266		-150				6.0		
60267	6082	0-45	35	12	53	0.46	4	V_4 2
60268		-90	35	12	53	0.45	11	
60269		-150				1.2		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.	
			Sand 2.0-.02 mm.	Silt .02-0.002 mm.	Clay .002 mm.				
60270	6083	0-45	30	14	56	0.62	8	V_4	2
60271		-90	28	14	58	1.35	12		
60272		-150				1.10			
60273	6084	0-45	15	17	68	2.50	6	V_4	2
60274		-90	15	14	71	2.52	12		
60275		-150				1.35			
60276	6085	0-45	50	12	38	2.00	17	NV_2	6 a
60277		-90	40	17	43	0.87	11		
60288		-150				0.64			
60279	6086	0-45	28	14	58	0.50	5	V_4	2
60280		-90	30	12	58	0.88	10		
60281		-150				0.90			
60282	6087	0-45	23	11	66	0.64	12	V_4	2
60283		-90	20	14	66	3.8	13		
60284		-150				4.4			
60285	6088	0-45	23	11	66	0.76	16	NV_4	4a
60286		-90	23	9	68	1.85	20		
60287		-150				3.3			
60288	6089	0-45	25	9	66	1.26	17	NV_4	4a
60289		-90	23	9	68	4.8	20		
60290		-150				4.2			
60291	6090	0-45	28	9	63	0.64	25	NV_4	6a
60292		-90	23	11	66	3.0	20		
60293		-150				4.5			
60294	6091	0-45	23	14	63	0.60	12	V_4	2
60295		-90	20	14	66	4.1	14		
60296		-150				4.9			
60297	6092	0-45	23	14	63	0.60	12	V_4	3a
60298		-90	23	11	66	1.5	15		
60299		-150				3.6			
60300	6093	0-45	23	14	63	0.68	13	V_4	2
60301		-90	20	17	63	4.1	13		
60302		-150				4.35			
60303	6094	0-45	18	11	71	0.64	13	V_4	3a
60304		-90	18	14	68	1.9	16		
60305		-150				4.0			
60306	6095	0-45	18	14	68	0.56	10	V_4	2
60307		-90	15	14	71	1.15	15		
60308		-150				3.4			
60309	6096	0-45	25	14	61	0.64	13	V_4	3a
60310		-90	25	12	63	4.5	16		
60311		-150				4.75			

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.			
60312	6097	0-45	23	16	61	0.78	12	V_4 2
60313		-90	23	14	63	4.1	14	
60314		-150				4.9		
60315	6098	0-45	23	16	61	0.64	14	V_4 2a
60316		-90	20	17	63	1.9	16	
60317		-150				1.35		
60318	6099	0-45	18	14	68	0.54	15	V_4 2a
60319		-90	15	14	71	2.3	17	
60320		-150				4.6		
60321	6100	0-45	15	14	71	0.79	12	V_4 3a
60322		-90	18	14	68	2.45	16	
60323		-150				3.9		
60324	6101	0-45	17	12	71	0.98	8	V_4 2
60325		-90	16	9	75	2.8	13	
60326		-150				4.1		
60327	6102	0-45	19	14	67	0.64	10	V_4 2
60328		-90	16	17	67	1.8	13	
60329		-150				1.4		
60330	6103	0-45	39	14	47	0.52	4	V_2 3l
60331		-90	34	14	52	0.69	15	
60332		-150				0.69		
60333	6104	0-45	24	16	60	0.46	2	V_4 2
60334		-90	24	16	60	0.76	7	
60335		-150				0.64		
60336	6105	0-45	19	14	67	0.58	6	V_4 2
60337		-90	16	17	67	0.68	11	
60338		-150				0.64		
60339	6106	0-45	21	12	67	0.57	25	NV_4 6a
60340		-90	19	14	67	4.4	27	
60341		-150				5.9		
60342	6107	0-45	24	16	60	0.90	15	V_4 3a
60343		-90	24	9	67	2.0	21	
60344		-150				5.5		
60345	6108	0-45	31	12	57	1.20	22	NV_4 6a
60346		-90	26	17	57	2.4	32	
60347		-150				2.0		
60348	6109	0-45	21	17	62	0.60	17	NV_4 4a
60349		-90	14	17	69	1.5	24	
60350		-150				5.2		
60351	6110	0-45	26	14	60	0.84	16	NV_4 4a
60352		-90	24	14	62	2.2	19	
60353		-150				1.15		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0-.02 mm.	Silt .02-0.002 mm.	Clay .002 mm.			
60354	6111	0-45	44	11	45	0.60	7	V_2 6a
60355		-90	39	14	47	0.63	26	
60356		-150				0.60		
60357	6112	0-45	16	14	70	0.60	14	V_4 3a
60358		-90	16	14	70	1.18	17	
60359		-150				2.8		
60360	6113	0-45	16	17	67	0.74	16	NV_4 4a
60361		-90	14	16	70	2.85	20	
60362		-150				5.0		
60363	6114	0-45	14	16	70	0.58	15	V_4 3a
60364		-90	14	12	74	2.0	19	
60365		-150				4.5		
60366	6115	0-45	16	19	65	0.70	11	V_4 2
60367		-90	16	14	70	2.2	15	
60368		-150				1.45		
60369	6116	0-45	26	17	57	0.54	9	V_4 2
60370		-90	26	17	57	1.00	15	
60371		-150				0.8		
60372	6117	0-45	29	14	57	0.50	4	V_4 2
60373		-90	24	14	62	2.6	11	
60374		-150				2.8		
60375	6118	0-45	24	15	61	0.54	9.0	V_4 3a
60376		-90	21	12	67	0.66	15	
60377		-150				0.64		
60378	6119	0-45	26	17	57	0.47	5	V_4 2
60379		-90	24	10	66	0.70	10	
60380		-150				0.55		
60381	6120	0-45	24	10	66	0.66	15	NV_4 4a
60382		-90	21	14	65	2.0	22	
60383		-150				4.05		
60384	6121	0-45	12	15	73	0.68	13	V_4 3a
60385		-90	16	12	72	1.24	20	
60386		-150				3.65		
60387	6122	0-45	19	15	66	0.69	23	NV_4 6a
60388		-90	16	14	70	2.8	26	
60389		-150				5.9		
60390	6123	0-45	21	15	64	0.55	10	V_4 2
60391		-90	19	14	67	0.85	11	
60392		-150				1.2		
60393	6124	0-45	16	12	72	0.76	21	NV_4 6a
60394		-90	16	12	72	3.6	23	
60395		-150				5.5		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.			
60396	6125	0-45	16	12	72	0.74	18	NV 4a
60397		-90	19	11	70	3.0	22	4
60398		-150				5.2		
60399	6126	0-45	24	15	61	0.48	6	V_4 2
60400		-90	21	17	62	0.56	11	
60401		-150				0.60		
60402	6127	0-45	21	16	63	0.64	14	V_4 3a
60403		-90	16	14	70	2.00	20	
60404		-150				2.90		
60405	6128	0-45	11	19	70	0.55	9	V_4 2
60406		-90	13	17	70	0.95	12	
60407		-150				0.80		
60408	6129	0-45	33	17	50	0.48	7	V_2 2
60409		-90	31	14	55	0.60	12	
60410		-150				0.60		
60411	6130	0-45	21	14	65	0.72	23	NV_4 6a
60412		-90	13	14	73	2.20	26	
60413		-150				5.90		
60414	6131	0-45	16	21	63	1.50	19	NV_4 4a
60415		-90	11	19	70	5.00	21	
60416		-150				5.50		
60417	6132	0-45	11	21	68	0.55	7	V_4 2
60418		-90	26	16	58	1.18	13	
60419		-150				4.00		
60420	6133	0-45	41	11	48	0.30	1	V_2 2l
60421		-90	13	19	68	0.44	3	
60422		-150				0.48		
60423	6134	0-45	48	9	43	0.76	29	NV_2 6a
60424		-90	13	19	68	1.90	23	
60425		-150				1.65		
60426	6135	0-45	13	19	68	0.50	4	V_4 2
60427		-90	18	16	66	0.60	10	
60428		-150				0.86		
60429	6136	0-45	18	19	63	1.00	21	NV_4 6a
60430		-90	16	18	66	5.20	23	
60431		-150				5.40		
60432	6137	0-45	18	21	61	0.76	10	V_4 2
60433		-90	18	21	61	1.25	14	
60434		-150				1.50		
60435	6138	0-45	11	21	68	0.70	12	V_4 3a
60436		-90	11	16	73	1.50	17	
60437		-150				1.60		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.			
60438	6139	0-45	16	16	68	1.10	12	V_4 3a
60439		-90	16	13	71	0.48	18	
60440		-150				4.60		
60441	6140	0-45	21	16	63	0.54	11	V_4 3a
60442		-90	18	16	66	0.68	15	
60443		-150				1.28		
60444	6141	0-45	13	19	68	0.66	14	V_4 3a
60445		-90	16	18	66	1.60	21	
60446		-150				4.40		
60447	6142	0-45	21	16	63	0.50	7	V_4 2
60448		-90	21	16	63	0.68	10	
60449		-150				0.63		
60450	6143	0-45	26	13	61	1.60	25	NV_4 6a
60451		-90	18	14	68	3.00	31	
60452		-150				2.10		
60453	6144	0-45	21	18	61	0.62	6	V_4 2
60454		-90	16	16	68	1.16	10	
60455		-150				0.64		
60456	6145	0-45	38	11	51	0.98	8	V_4 3a
60457		-90	36	13	51	2.40	16	
60458		-150				1.44		
60459	6146	0-45	21	18	61	0.53	12	V_4 3a
60460		-90	31	13	56	1.00	20	
60461		-150				1.02		
60462	6147	0-45	36	13	51	0.60	8	V_4 2
60463		-90	33	14	53	0.88	14	
60464		-150				0.72		
60465	6148	0-45	18	16	66	0.60	7	V_4 2
60466		-90	21	13	66	1.90	9	
60467		-150				0.80		
60468	6149	0-45	18	14	68	0.70	19	NV_4 4a
60469		-90	16	13	71	2.90	22	
60470		-150				5.00		
60471	6150	0-45	26	13	61	0.50	8	V_4 2
60472		-90	21	13	66	0.57	11	
60473		-150				0.54		
60474	6151	0-45	26	13	61	0.66	8	V_4 2
60475		-90	26	13	61	0.86	14	
60476		-150				0.60		
60477	6152	0-45	21	16	63	0.46	10	V_4 2
60478		-90	18	16	66	0.98	15	
60479		-150				1.14		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.			
60480	6153	0-45	23	14	63	0.60	20	NV_4 6a
60481		-90	23	14	63	1.68	23	
60482		-150				2.60		
60488	6154	0-45	33	14	53	0.54	7	V_4 2
60489		-90	28	14	58	0.60	13	
60490		-150				0.48		
60491	6155	0-45	18	16	66	0.56	14	V_4 3a
60492		-90	16	13	71	1.90	19	
60493		-150				3.60		
60494	6156	0-45	21	16	63	0.64	11	V_4 3a
60495		-90	18	16	66	1.80	16	
60496		-150				3.00		
60497	6157	0-45	21	16	63	0.60	8	V_4 2
60498		-90	18	16	66	0.90	14	
60499		-150				0.88		
60500	6158	0-45	23	16	61	1.05	21	NV_4 6a
60501		-90	21	16	63	6.40	25	
60502		-150				6.30		
60503	6159	0-45	18	31	51	0 80	14	V_4 2
60504		-90	16	18	66	1:50	15	
60505		-150				1.30		
60506	6160	0-45	11	16	73	0.90	16	NV_4 4a
60507		-90	11	16	73	3.00	20	
60508		-150				5.80		
60509	6161	0-45	21	18	61	0.55	7	V_4 2
60510		-90	23	16	61	0.96	11	
60511		-150				0.98		
60512	6162	0-45	16	13	71	1.47	24	NV_4 6a
60513		-90	18	14	68	2.40	26	
60514		-150				6.10		
60519	6163	0-45	21	13	66	0.84	21	NV_4 6a
60520		-90	18	11	71	3.30	23	
60521		-150				5.30		
60522	6164	0-45	23	14	63	0.55	8	V_4 2
60523		-90	23	14	63	0.80	10	
60524		-150				0.86		
60525	6165	0-45	28	14	58	0.68	17	NV_4 4a
60526		-90	18	16	66	2.70	22	
60527		-150				4.90		
60528	6166	0-45	18	16	66	0.84	14	V_4 3a
60529		-90	13	19	68	2.60	19	
60530		-150				3.50		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.			
60531	6167	0-45	21	21	58	0.58	9	V_4 2
60532		-90	26	13	61	1.40	14	
60533		-150				1.04		
60534	6168	0-45	29	10	61	0.72	20	NV_4 4a
60535		-90	24	10	66	2.90	25	
60536		-150				2.80		
60537	6169	0-45	26	13	61	0.90	18	NV_4 4a
60538		-90	24	10	66	4.25	23	
60539		-150				2.40		
60540	6170	0-45	34	10	56	0.72	20	NV_4 4a
60541		-90	21	13	66	4.55	24	
60542		-150				3.10		
60543	6171	0-45	21	16	63	0.50	8	V_4 2
60544		-90	19	15	66	0.76	11	
60545		-150				0.54		
60546	6172	0-45	21	18	61	0.65	10	V_4 2
60547		-90	21	16	63	1.20	14	
60548		-150				0.88		
60549	6173	0-45	14	18	68	0.52	12	V_4 3a
60550		-90	21	13	66	1.10	16	
60551		-150				0.76		
60552	6174	0-45	49	10	41	0.42	3	V_2 31
60553		-90	47	12	41	0.70	9	
60554		-150				2.85		
60555	6175	0-45	21	18	61	1.00	15	NV_4 4a
60556		-90	19	15	66	3.10	20	
60557		-150				4.50		
60558	6176	0-45	24	13	63	0.60	14	V_4 3a
60559		-90	29	13	58	1.85	19	
60560		-150				3.00		
60561	6177	0-45	16	13	71	0.60	13	V_4 3a
60562		-90	14	13	73	1.55	17	
60563		-150				2.90		
60564	6178	0-45	19	15	66	0.78	20	NV_4 6a
60565		-90	19	13	68	4.20	26	
60566		-150				5.20		
60567	6179	0-45	21	16	63	0.60	20	NV_4 6a
60568		-90	16	13	71	2.20	23	
60569		-150				2.40		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.			
70004	7002	0-45	20	16	64	2.9	17	NV_4 6a
70005		-90	23	13	64	4.0	25	
70006		-150				7.0		
70007	7003	0-45	20	16	64	0.70	12	V_4 3a
70008		-90	18	16	66	1.4	24	
70009		-150				5.0		
70010	7004	0-45	23	11	66	0.65	11	V_4 3as
70011		-90	18	13	69	6.3	19	
70012		-150				7.2		
70013	7005	0-45	23	13	64	0.90	16	NV_4 6a
70014		-90	23	13	64	3.2	25	
70015		-150				4.0		
70016	7006	0-45	20	16	64	0.85	22	NV_4 6a
70017		-90	18	16	66	6.6	26	
70018		-150				7.2		
70019	7007	0-45	25	14	61	1.15	24	NV_4 6a
70020		-90	18	13	69	3.5	27	
70021		-150				6.0		
70022	7008	0-45	23	11	66	0.90	20	NV_4 4a
70023		-90	14	12	74	7.0	23	
70024		-150				4.0		
70025	7009	0-45	18	13	69	1.00	20	NV_4 6a
70026		-90	20	11	69	4.0	28	
70027		-150				6.2		
70028	7010	0-45	18	18	64	0.76	21	NV_4 6a
70029		-90	23	13	64	4.9	25	
70030		-150				2.8		
70031	7011	0-45	28	11	61	1.0	21	NV_4 6a
70032		-90	20	14	66	6.0	23	
70033		-150				4.7		
70038	7012	0-45	20	11	69	0.80	22	NV_4 6a
70039		-90	23	11	66	4.5	27	
70040		-150				2.4		
70045	7014	0-45	35	6	59	1.6	27	NV_4 6a
70046		-90	23	13	64	3.4	31	
70047		-150				2.2		
70048	7015	0-45	23	13	64	0.71	17	NV_4 4a
70049		-90	20	16	64	2.0	23	
70050		-150				5.5		
70051	7016	0-45	53	8	39	0.57	14	V_2 6a
70052		-90	50	10	40	1.25	27	
70053		-150				2.2		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.	
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.				
70054	7017	0-45	48	8	44	0.58	10	V_2	3a1
70055		-90	40	11	49	1.70	16		
70056		-150				1.3			
70057	7018	0-45	18	18	64	0.60	13	V_4	3a
70058		-90	30	6	64	2.4	16		
70059		-150				1.85			
70060	7019	0-45	30	14	56	0.37	7	V_4	2
70061		-90	30	11	59	2.8	8		
70062		-150				1.9			
70063	7020	0-45	30	14	56	0.40	10	V_4	2
70064		-90	28	13	59	0.86	14		
70065		-150				0.66			
70066	7021	0-45	20	16	64	1.7	16	NV_4	4a
70067		-90	20	14	66	4.5	19		
70068		-150				4.0			
70069	7022	0-45	20	16	64	0.70	22	NV_4	6a
70070		-90	18	13	69	4.5	23		
70071		-150				4.5			
70072	7023	0-45	33	11	56	1.3	12	V_4	3a
70073		-90	25	15	60	1.7	19		
70074		-150				2.2			
70075	7024	0-45	24	15	61	0.95	0	V_4	2
70076		-90	14	17	69	1.65	0		
70077		-150				1.45			
70078	7025	0-45	15	19	66	0.75	14	V_4	3a
70079		-90	18	17	65	2.0	17		
70080		-150				2.1			
70081	7026	0-45	23	17	60	0.85	14	V_4	3a
70082		-90	23	17	60	4.0	17		
70083		-150				2.6			
70084	7027	0-45	28	17	55	0.54	14	V_4	3as
70085		-90	30	15	55	6.0	20		
70086		-150				4.0			
70087	7028	0-45	35	15	50	0.80	22	NV_4	6a
70088		-90	35	15	50	6.0	26		
70089		-150				5.3			
70090	7029	0-45	30	18	52	1.00	23	NV_4	6a
70091		-90	31	13	56	5.00	26		
70092		-150				6.0			
70093	7030	0-45	29	12	59	0.64	19	NV_4	4a
70094		-90	26	15	59	4.5	19		
70095		-150				3.9			

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.			
70096	7031	0-45	44	15	41	1.7	20	NV_2 6a
70097		-90	46	10	44	2.4	38	
70098		-150				1.5		
70099	7032	0-45	44	10	46	0.60	12	V_2 3a1
70100		-90	41	10	49	0.92	18	
70101		-150				0.75		
70102	7033	0-45	28	14	58	3.20	12	V_4 3as
70103		-90	26	16	58	5.9	19	
70104		-150				4.5		
70105	7034	0-45	21	16	63	2.20	17	NV_4 4a
70106		-90	16	16	68	5.0	17	
70107		-150				5.2		
70108	7035	0-45	26	13	61	0.80	18	NV_4 4a
70109		-90	26	13	61	3.9	21	
70110		-150				5.4		
70111	7036	0-45	23	14	63	0.70	16	NV_4 4a
70112		-90	18	16	66	2.2	19	
70113		-150				5.4		
70119	7037	0-45	28	14	58	3.00	25	NV_4 6a
70120		-90	26	13	61	4.25	25	
70121		-150				6.0		
70122	7038	0-45	43	11	46	1.00	28	NV_2 6a
70123		-90	43	9	48	1.5	30	
70124		-150				1.0		
70125	7039	0-45	43	14	43	1.5	31	NV_2 6a
70126		-90	43	11	46	2.9	38	
70127		-150				1.8		
70128	7040	0-45	21	16	63	0.72	24	NV_4 6a
70129		-90	16	18	66	4.5	22	
70130		-150				3.0		
70131	7041	0-45	36	13	51	0.85	12	V4 2
70132		-90	28	14	58	1.6	12	
70133		-150				0.98		
70139	7042	0-45	20	16	64	0.40	16	NV_4 4a
70140		-90	18	14	68	5.0	22	
70141		-150				5.15		
70142	7043	0-45	25	16	59	0.86	22	NV_4 6a
70143		-90	22	18	61	5.0	17	
70144		-150				4.6		
70145	7044	0-45	22	18	60	0.50	15	V_4 3a
70146		-90	19	21	60	3.9	19	
70147		-150				1.4		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.	
			Sand 2.0-.02 mm.	Silt .02-0.002 mm.	Clay .002 mm.				
70148	7045	0-45	29	19	52	0.86	18	NV_4	4a
70149		-90	24	16	60	3.5	16		
70150		-150				1.65			
70151	7046	0-45	27	18	55	0.55	13	V_4	3a
70152		-90	29	14	57	2.1	16		
70153		-150				2.3			
70158	7047	0-45	38	13	49	0.63	16	NV_2	6a
70159		-90	38	13	49	3.90	26		
70160		-150				2.60			
70161	7048	0-45	18	15	67	0.58	17	NV_4	4a
70162		-90	18	15	67	4.30	19		
70163		-150				2.20			
70164	7049	0-45	23	15	62	0.42	13	V_4	3a
70165		-90	20	18	62	4.50	16		
70166		-150				3.20			
70167	7050	0-45	28	13	59	0.40	11	V_4	3a
70168		-90	25	13	62	0.84	18		
70169		-150				2.40			
70170	7051	0-45	18	18	64	0.42	9	V_4	2
70171		-90	18	15	67	2.20	14		
70172		-150				2.40			
70173	7052	0-45	28	15	57	0.50	8	V_4	3a
70174		-90	30	16	54	0.60	17		
70175		-150				1.9			
70176	7053	0-45	35	13	52	0.65	13	V_4	3a
70177		-90	38	13	49	3.20	15		
70178		-150				3.0			
70179	7054	0-45	35	11	54	5.10	13	V_3	3as
70180		-90	23	13	64	3.60	22		
70181		-150				5.10			
70182	7055	0-45	28	13	59	0.45	20	NV_4	6a
70183		-90	20	16	64	4.60	21		
70184		-150				6.00			
70185	7056	0-45	23	13	64	0.28	24	NV_4	6a
70186		-90	23	13	64	5.10	25		
70187		-150				6.9			
70188	7057	0-45	25	16	59	0.84	16	NV_4	4a
70189		-90	25	13	62	5.45	22		
70190		-150				6.5			
70191	7058	0-45	23	15	62	0.74	17	NV_4	4a
70192		-90	25	13	62	3.9	20		
70193		-150				4.5			

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0-.02 mm.	Silt .02-0.002 mm.	Clay .002 mm.			
70198	7059	0-45	20	13	67	0.5	16	NV_4 4a
70199		-90	25	11	64	0.46	20	
70200		-150				1.3		
70201	7060	0-45	23	15	62	0.6	20	NV_4 6a
70202		-90	23	15	62	5.5	24	
70203		-150				5.0		
70204	7061	0-45	20	15	65	0.6	19	NV_4 6a
70205		-90	23	12	65	4.6	26	
70206		-150				4.3		
70207	7062	0-45	25	15	60	0.32	14	V_4 3a
70208		-90	23	17	60	1.75	19	
70209		-150				2.9		
70210	7063	0-45	38	12	50	0.90	18	NV_2 6a
70211		-90	35	13	52	6.5	26	
70212		-150				3.2		
70213	7064	0-45	35	13	52	0.70	15	V_4 3a
70214		-90	33	15	52	6.2	25	
70215		-150				5.2		
70216	7065	0-45	34	12	54	0.80	16	NV_4 4a
70217		-90	32	14	54	6.1	25	
70218		-150				5.9		
70223	7066	0-45	17	14	69	0.78	14	V_4 3as
70224		-90	19	14	67	5.4	17	
70225		-150				4.4		
70226	7067	0-45	37	14	49	0.50	18	NV_2 4a
70227		-90	29	14	57	4.8	22	
70228		-150				2.9		
70229	7068	0-45	24	17	59	0.60	15	NV_4 4a
70230		-90	24	14	62	3.2	22	
70231		-150				1.9		
70232	7069	0-45	24	17	59	0.68	20	NV_4 4a
70233		-90	24	12	64	3.2	24	
70234		-150				6.0		
70235	7070	0-45	27	11	62	0.52	15	V_4 3a
70236		-90	22	11	67	4.1	20	
70237		-150				3.1		
70238	7071	0-45	16	11	73	1.10	14	V_4 3a
70239		-90	19	13	68	3.4	20	
70240		-150				4.9		
70241	7072	0-45	39	11	50	0.84	19	NV_2 6a
70242		-90	34	14	52	6.4	34	
70243		-150				5.0		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0-.02 mm.	Silt .02-0.002 mm.	Clay .002 mm.			
70244	7073	0-45	29	11	60	2.0	24	NV4 6a
70245		-90	26	11	63	6.0	25	
70246		-150				6.5		
70247	7074	0-45	21	14	65	1.3	19	NV_4 4a
70248		-90	19	13	68	6.2	20	
70249		-150				4.7		
70250	7075	0-45	21	14	65	1.14	20	NV_4 6a
70251		-90	26	11	63	4.5	28	
70252		-150				3.1		
70253	7076	0-45	21	14	65	0.76	23	NV_4 6a
70254		-90	19	13	68	4.3	23	
70255		-150				3.3		
70256	7077	0-45	26	11	63	1.2	15	V_4 3a
70257		-90	21	14	65	4.2	17	
70258		-150				2.6		
70259	7078	0-45	24	13	63	0.50	19	NV_4 4a
70260		-90	19	16	65	3.8	22	
70261		-150				4.6		
70262	7079	0-45	29	13	58	0.72	15	V_4 3a
70263		-90	24	13	63	1.8	22	
70264		-150				4.0		
70271	7080	0-45	24	13	63	0.60	16	NV_4 4a
70272		-90	26	14	60	2.8	22	
70273		-150				3.0		
70274	7081	0-45	24	11	65	0.60	21	NV_4 6a
70275		-90	19	13	68	3.3	26	
70276		-150				8.0		
70277	7082	0-45	21	16	63	0.96	25	NV_4 6a
70278		-90	21	16	63	7.9	32	
70279		-150				5.0		
70280	7083	0-45	24	11	65	0.56	16	NV_4 4a
70281		-90	24	13	63	1.88	22	
70282		-150				5.95		
70283	7084	0-45	51	9	40	0.70	6	E 31
70284		-90	29	13	58	1.3	8	
70285		-150				0.95		
70286	7085	0-45	44	26	30	2.4	0	E 41
70287		-90	54	21	25	0.8	24	
70288		-150				4.2		
70289	7086	0-45	19	16	65	0.60	9	V_4 2
70290		-90	24	16	60	1.65	9	
70291		-150				1.4		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.	
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.				
70292	7087	0-45	29	16	56	0.80	11	V_2	3a1
70293		-90	31	14	55	1.45	16		
70294		-150				1.1			
70295	7088	0-45	29	16	55	1.00	12	V_4	3a
70296		-90	24	16	60	2.0	17		
70297		-150				1.55			
70298	7089	0-45	19	16	65	0.95	15	V_4	3a
70299		-90	21	16	63	2.9	18		
70300		-150				4.5			
70301	7090	0-45	26	11	63	1.00	15	NV_4	4a
70302		-90	21	14	65	4.1	18		
70303		-150				3.6			
70304	7091	0-45	24	13	63	0.44	12	V_4	3a
70305		-90	26	11	63	2.2	20		
70306		-150				3.1			
70307	7092	0-45	29	13	58	0.40	12	V_4	3a
70308		-90	26	14	60	2.0	18		
70309		-150				3.7			
70315	7093	0-45	26	14	60	0.46	15	NV_4	3a
70316		-90	34	11	55	3.4	19		
70317		-150				4.0			
70318	7094	0-45	26	14	60	0.76	16	NV_4	4a
70319		-90	24	13	63	3.4	19		
70320		-150				2.8			
70321	7095	0-45	29	13	58	0.70	19	NV_4	4a
70322		-90	26	14	60	6.0	22		
70323		-150				5.95			
70324	7096	0-45	25	14	61	0.68	12	V_4	2
70325		-90	23	16	61	1.4	14		
70326		-150				1.65			
70327	7097	0-45	38	11	51	1.2	18	NV_4	4a
70328		-90	40	12	48	1.6	21		
70329		-150				1.0			
70330	7098	0-45	30	14	56	0.44	14	V_4	3a
70331		-90	30	14	56	2.1	20		
70332		-150				2.1			
70333	7099	0-45	48	14	38	0.45	7	V_2	2
70334		-90	38	11	51	0.98	14		
70335		-150				1.16			
70336	7100	0-45	25	14	61	0.48	19	NV_4	4a
70337		-90	25	14	61	5.1	21		
70338		-150				4.4			

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.			
70339	7101	0-45	25	14	61	1.00	20	NV_4 6a
70340		-90	25	12	63	5.4	22	
70341		-150				5.3		
70342	7102	0-45	23	16	61	0.66	21	NV_4 6a
70343		-90	20	14	66	5.0	25	
70344		-150				6.2		
70345	7103	0-45	30	14	56	0.65	13	V_4 3a
70346		-90	28	16	56	1.45	20	
70347		-150				0.92		
70348	7104	0-45	35	12	53	1.52	29	NV_4 6a
70349		-90	35	12	53	4.6	33	
70350		-150				2.6		
70351	7105	0-45	45	9	46	0.48	14	V_2 3a
70352		-90	40	12	48	1.08	24	
70353		-150				0.96		
70354	7106	0-45	38	9	53	0.52	11	V_4 2
70355		-90	30	12	58	2.6	15	
70356		-150				1.3		
70357	7107	0-45	28	11	61	1.10	17	NV_4 4a
70358		-90	23	14	63	3.6	12	
70359		-150				4.7		
70360	7108	0-45	25	14	61	0.64	14	V_4 3a
70361		-90	23	14	63	3.9	20	
70362		-150				5.0		
70363	7109	0-45	25	14	61	2.4	12	V_4 3a
70364		-90	25	12	63	6.0	21	
70365		-150				5.95		
70366	7110	0-45	25	12	63	1.00	19	NV_4 4a
70367		-90	28	11	61	2.4	22	
70368		-150				3.4		
70369	7111	0-45	20	14	66	0.68	14	V_4 3a
70370		-90	20	14	66	1.68	20	
70371		-150				4.7		
70372	7112	0-45	20	14	66	1.00	14	V_4 3a
70373		-90	18	14	68	4.2	15	
70374		-150				5.0		
70375	7113	0-45	30	12	58	0.64	19	NV_4 4a
70376		-90	20	12	68	5.1	18	
70377		-150				6.0		
70378	7114	0-45	18	16	66	0.86	16	NV_4 4a
70379		-90	18	14	68	2.7	20	
70380		-150				5.2		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.			
70381	7115	0-45	24	17	59	3.30	20	NV_4 6a
70382		-90	21	17	62	6.0	21	
70383		-150				5.5		
70384	7116	0-45	24	10	66	0.48	19	NV_4 4a
70385		-90	24	11	65	2.65	24	
70386		-150				4.6		
70387	7117	0-45	24	15	61	0.80	21	NV_4 6a
70388		-90	22	17	61	5.2	21	
70389		-150				5.45		
70389	7118	0-45	20	12	68	0.56	8	V_4 2
70390		-90	22	17	61	0.96	15	
70391		-150				2.0		
70392	7119	0-45	24	11	65	0.54	17	NV_4 4a
70393		-90	22	14	64	2.65	21	
70394		-150				4.0		
70395	7120	0-45	25	12	63	0.66	18	NV_4 4a
70396		-90	22	15	63	3.9	21	
70397		-150				5.0		
70398	7121	0-45	22	14	64	1.10	15	NV_4 4a
70399		-90	24	12	64	2.15	20	
70400		-150				2.0		
70401	7122	0-45	19	12	69	0.64	14	V_4 6a
70402		-90	29	12	49	7.2	29	
70403		-150				6.9		
70404	7123	0-45	22	14	64	1.25	16	NV_4 4a
70405		-90	19	15	66	4.2	17	
70406		-150				2.85		
70407	7124	0-45	27	12	61	1.15	19	NV_4 4a
70408		-90	22	12	66	4.5	20	
70409		-150				3.4		
70410	7125	0-45	32	12	56	0.76	17	NV_4 4a
70411		-90	32	12	56	1.7	25	
70412		-150				4.4		
70418	7126	0-45	24	12	64	0.54	19	NV_4 4a
70419		-90	22	14	64	2.2	25	
70420		-150				5.45		
70421	7127	0-45	24	15	61	0.69	16	NV_4 4a
70422		-90	24	12	64	4.1	19	
70423		-150				3.0		
70424	7128	0-45	27	12	61	0 98	17	NV_4 4a
70425		-90	27	9	64	4.1	16	
70426		-150				3.2		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.			
70427	7129	0-45	24	12	64	1.08	27	NV_4 6a
70428		-90	17	14	69	4.7	30	
70429		-150				6.5		
70430	7130	0-45	27	12	61	1.20	21	NV_4 6a
70431		-90	22	12	66	5.1	23	
70432		-150				5.6		
70433	7131	0-45	22	12	66	0.92	23	NV_4 6a
70434		-90	22	12	66	3.4	27	
70435		-150				5.2		
70436	7132	0-45	27	12	61	0.84	20	NV_4 6a
70437		-90	19	15	66	3.6	27	
70438		-150				5.9		
70439	7133	0-45	19	15	66	1.60	28	NV_4 6a
70440		-90	17	14	69	4.3	32	
70441		-150				7.0		
70442	7134	0-45	24	12	64	7.0	20	NV_2 6a s
70443		-90	22	14	64	6.9	32	
70444		-150				1.05		
70445	7135	0-45	24	15	61	2.4	28	NV_4 6a
70446		-90	27	12	61	6.5	37	
70447		-150				7.1		
70448	7136	0-45	22	14	64	1.35	28	NV_4 6a
70449		-90	24	12	64	6.0	32	
70450		-150				7.8		
70451	7137	0-45	24	15	61	1.42	22	NV_4 6a
70452		-90	19	15	66	5.4	26	
70453		-150				7.0		
70454	7138	0-45	19	17	64	0.96	23	NV_1 6a
70455		-90	24	12	64	3.6	27	
70456		-150				6.2		
70457	7139	0-45	19	20	61	0.92	21	NV_4 6a
70458		-90	22	15	63	4.6	24	
70459		-150				6.0		
70460	7140	0-45	25	12	63	0.76	20	NV_4 6a
70461		-90	22	14	64	4.5	25	
70462		-150				6.4		
70463	7141	0-45	19	15	66	0.76	19	NV_4 6a
70464		-90	19	15	66	3.9	25	
70465		-150				3.0		
70466	7142	0-45	19	15	66	0.93	21	NV_4 6a
70467		-90	19	15	66	2.4	25	
70468		-150				5.95		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.	
			Sand 2.0-.02 mm.	Silt .02-0.002 mm.	Clay .002 mm.				
70469	7143	0-45	22	17	61	0.78	13	V_4	3a
70470		-90	17	17	66	1.2	18		
70471		-150				1.8			
70472	7144	0-45	12	22	66	0.94	15	V_4	3a
70473		-90	14	17	69	2.6	21		
70474		-150				5.0			
70475	7145	0-45	14	20	66	0.68	6	V_4	2
70476		-90	20	14	66	0.84	11		
70477		-150				0.72			
70478	7146	0-45	22	12	66	0.84	25	NV_4	6a
70479		-90	22	10	68	3.4	31		
70480		-150				5.3			
70481	7147	0-45	22	15	63	0.80	20	NV_4	4a
70482		-90	22	12	66	3.8	23		
70483		-150				5.2			
70484	7148	0-45	22	17	61	0.94	18	NV_4	4a
70485		-90	20	17	63	5.45	23		
70486		-150				6.2			
70487	7149	0-45	17	17	66	0.66	18	NV_4	4a
70488		-90	17	15	68	2.1	18		
70489		-150				5.1			
70490	7150	0-45	27	15	58	0.60	11	V_4	2
70491		-90	25	14	61	1.0	14		
70492		-150				1.6			
70493	7151	0-45	20	12	68	0.50	12	NV_4	3a
70494		-90	17	12	71	2.0	16		
70495		-150				3.2			
70496	7152	0-45	27	15	58	0.56	10	V_4	3a
70497		-90	22	17	61	1.85	17		
70498		-150				1.2			
70499	7153	0-45	20	17	63	0.50	6	V_4	2
70500		-90	20	14	66	1.4	11		
70501		-150				1.65			
70503	7154	0-45	20	12	68	0.58	12	V_4	3a
70504		-90	22	12	66	1.15	17		
70505		-150				2.4			
70506	7155	0-45	20	14	66	0.80	10	V_4	2
70507		-90	20	14	66	4.0	13		
70508		-150				2.5			
70509	7156	0-45	20	12	68	0.50	11	V_4	3a
70510		-90	17	12	71	0.44	16		
70511		-150				1.85			

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.	
			Sand 2.0-.02 mm.	Silt .02-0.002 mm.	Clay .002 mm.				
70512	7157	0-45	25	14	61	0.54	13	V_4	2
70513		-90	22	15	63	3.5	14		
70514		-150				3.9			
70515	7158	0-45	25	12	63	0.84	21	NV_4	6a
70516		-90	22	12	66	2.2	28		
70517		-150				2.0			
70523	7159	0-45	20	17	63	1.28	22	NV_4	6a
70524		-90	27	17	56	6.5	33		
70525		-150				3.0			
80581	8195	0-45	20	14	66	0.40	9	V_4	2
80582		-90	30	14	56	3.60	14		
80583		-150							
80584	8196	0-45	20	14	66	0.5	12	V_4	3a
80585		-90	22	14	64	1.20	22		
80586		-150							
80587	8197	0-45	22	14	64	0.50	10	V_4	3a
80588		-90	22	14	64	1.80	21		
80589		-150							
80590	8198	0-45	20	16	64	0.5	12	V_4	3a
80591		-90	20	11	69	3.8	20		
80592		-150							
80593	8199	0-45	13	16	71	0.6	11	V_4	2
80594		-90	15	16	69	2.0	14		
80595		-150							
80596	8200	0-45	25	14	61	0.4	17	NV_4	4a
80597		-90	17	19	64	2.0	21		
80508		-150							
80599	8201	0-45	12	14	74	0.70	13	V_4	2
80600		-90	20	16	64	2.50	15		
80601		-150							
80602	8202	0-45	25	14	61	0.36	8	V_4	2
80603		-90	22	17	61	0.85	13		
80604		-150							
80605	8203	0-45	20	16	64	0.72	15	NV_4	4a
80606		-90	18	16	66	2.7	18		
80607		-150							
80608	8204	0-45	17	17	66	0.52	11	V_4	2
80609		-90	12	19	69	1.2	13		
80610		-150							
80611	8205	0-45	17	17	66	0.36	9	V_4	3a
80612		-90	17	14	69	0.64	18		
80613		-150							

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	E.S.P.	Land & Soil Class.
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.			
80614	8206	0-45	20	16	64	0.50	16	NV_4 4a
80615		-90	20	14	66	1.25	24	
80616		-150						
80617	8207	0-45	25	11	64	0.5	8	V_4 3a
80618		-90	17	17	66	0.5	15	
80619		-150						
80620	8208	0-45	35	14	51	2.2	26	NV_4 6a
80621		-90	22	17	61	1.05	25	
80622		-150						
80623	8209	0-45	15	14	71	0.40	12	V_4 3a
80624		-90	27	17	56	4.0	17	
80625		-150						
80626	8210	0-45	15	14	71	0.32	13	V_4 3a
80627		-90	10	14	76	1.70	22	
80628		-150						
80629	8211	0-45	10	16	74	0.38	10	V_4 3a
80630		-90	15	14	71	1.05	19	
80631		-150						
80632	8212	0-45	15	16	69	0.34	16	NV_4 4a
80633		-90	37	14	49	2.4	20	
80634		-150						
80635	8213	0-45	20	13	67	0.42	13	V_4 3a
80636		-90	15	16	69	1.80	21	
80637		-150						
80638	8214	0-45	22	14	64	0.44	15	V_4 3a
80639		-90	20	11	69	2.0	22	
80640		-150						