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ROSEIRES SOIL SURVEY

REPORT No. 7

BLUE NILE EAST BANK
GUNEID TO KHARTOUM
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

DECEMBER 1964

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Lab. Nos.	Hit Nos.	Depth (cm)	Field Tex	pH paste	E.C. mhos/cm at 25°C	S _w %	Mechanical Analysis				Sol. Ma. eq.	Ox. % %/100	Total Est %	S.S.P.	Soil and Substrate Class
							Sand %	Silt %	Clay %	0.002 mm					
6022	6075	0-49	C	8.02	3.40	55	20	10	50	2.35	10.8	13.2	22	V ₂ 6a	
	6076	49-80	C	8.15	6.90	60	24	16	52	6.45	16.7	23.2	32		
	6080	62-117	C	8.06	8.20	75	22	15	55	5.00	16.8	24.8	31		
	6081	117-200	C	8.15	4.20	60	4	13	50	3.80	17.8	21.6	36		
	60109	0-75	C	8.10	1.00	55	17	11	52	0.75	12.3	12.8	25	V ₄ 6a	
	60110	55-116	C	8.05	0.50	65	12	13	57	5.20	16.4	21.6	27		
	60111	116-154	C	7.84	7.20	61	12	11	52	5.40	15.0	20.4	24		
	60112	154-200	C	8.10	6.70	68	4	13	65	5.50	16.6	22.4	26		
	60162	0-7	C	8.0	0.7	55	12	11	57	0.21	6.2	6.4	11	V ₄ 4a	
	60183	7-78	C	8.0	0.5	56	12	10	60	0.87	11.2	12.0	10		
	60194	78-160	C	7.8	7.0	58	8	13	62	4.16	13.4	17.6	22		
	60165	160-200	C	8.0	6.0	62	20	11	57	6.65	12.9	17.6	23		
	60271	0-29	SC	7.8	0.9	43	24	13	41	0.16	2.5	2.8	6	V ₂ 3a1	
	60274	22-71	SC	8.0	1.0	54	20	13	36	0.75	4.6	10.1	21		
	60275	71-150	SC	7.8	1.0	59	21	13	31	0.75	11.25	16.0	10		
	60276	150-200	SC	7.90	5.0	57	24	17	35	3.60	10.6	14.0	10		

VOLUME II

APPENDIX 3

LABORATORY ANALYSES OF SOIL SAMPLES

Table 3.1 Laboratory Analyses of 46 Profiles Representative of Mapping Units

Table 3.2 Routine Analyses from 770 Auger Borings

Lab. Nos.	Pit Nos.	Depth (cm)	Field Tex	pH paste	E.C. mmhos/cm at 25°C	Sat. %	Mechanical Analysis				Sol. Na. meq.	Ex. N ₂ He/100.	Total Ext. Na.	E.S.P.	Soil and Land Class
							CS	FS	Silt 0.02-0.002mm.	Clay 0.002 mm					
80078	8022	0-49	G.C.	8.02	3.40	55	20	20	10	50	2.35	10.8	13.2	NV ₂ 6as	
80079		49-80	C	8.19	8.90	60	8	24	16	52	6.45	16.7	23.2		
80080		80-117	C	8.06	8.20	75	8	22	15	55	8.00	16.8	24.8		
80081		117-200	C	8.15	4.20	80	4	33	13	50	3.80	17.8	21.6		
80109	8031	0-55	G.C.	8.10	1.00	55	20	17	11	52	0.55	12.3	12.8	NV ₄ 6a	
80110		55-116	C	8.05	6.50	65	12	18	13	57	5.20	16.4	21.6		
80111		116-154	C	7.95	7.20	61	12	15	11	62	5.40	15.0	20.4		
80112		154-200	C	8.10	6.70	68	4	18	13	65	5.60	16.8	22.4		
80182	8054	0-7	C	8.19	0.58	55	12	20	11	57	0.21	6.2	6.4	NV ₄ 4a	
80183		7-78	C	8.05	1.45	56	12	18	10	60	0.85	11.2	12.0		
80184		78-160	C	7.90	6.30	58	8	17	13	62	4.16	13.4	17.6		
80185		160-200	C	8.00	6.70	62	20	12	11	57	4.65	12.9	17.6		
80273	8083	0-22	SC	7.90	0.38	43	24	22	13	41	0.16	2.6	2.8	V ₂ 3a1	
80274		22-78	SC	8.00	1.45	54	20	21	13	46	0.75	9.6	10.4		
80275		78-150	SC	7.70	1.25	59	24	12	13	51	0.74	15.26	16.0		
80276		150-200	SCL	7.50	5.90	57	24	24	17	35	3.40	10.6	14.0		
80077	8002	145-200	C	8.15	4.90	64	12	12	12	52	2.7	17.3	21.6	NV ₂ 6a	
80011		0-34	C	8.35	0.98	48	18	18	12	37	0.24	13.3	13.6		
80012		34-76	C	8.10	4.20	62	16	16	12	52	3.79	15.1	22.8		
80013		76-116	C	8.15	7.50	72	12	24	12	50	6.40	19.0	25.4		
80014	116-200	CL	8.12	6.40	76	12	12	13	53	5.70	17.9	23.6			
80054	8015	0-46	G.C.	8.30	2.60	55	16	23	13	50	1.76	14.2	16.0	NV ₂ 6as	
80055		46-114	C	8.05	5.70	67	16	16	15	55	8.06	19.5	27.6		
80056		114-200	C	8.30	4.00	66	4	14	20	60	4.21	22.6	26.8		

Lab. Nos.	Pit Nos.	Depth (cm)	Field Tex	pH paste	E.C. mmhos/cm at 25°C	Sat. %	Mechanical Analysis				Sol. Na. meq.	Ex. No. /100.	Total Ext Na.	E.S.P.	Soil and Land Class
							Sand CS	Sand FS	Silt 0.02-0.002mm.	Clay 0.002 mm					
60816	6253	0-15	C	8.28	1.08	53	23	19	58	0.53	12.5	12.8	22	NV ₄ 6a	
60817		15-60	C	8.28	7.90	75	20	17	55	6.90	16.3	23.2	30		
60818		60-95	C	8.12	8.10	78	18	19	63	7.40	17.0	24.4	27		
60819		95-200	C	8.25	6.00	63	36	19	43	4.40	10.4	14.8	24		
60886	6275	0-50	C	8.65	1.50	52	30	14	50	0.77	12.0	12.8	24	NV ₂ 6a	
60887		50-120	C	8.30	7.90	74	33	17	50	7.00	15.0	22.0	30		
60888		120-200	C	8.30	6.00	69	38	17	45	5.10	12.1	17.2	27		
60919	6285	0-42	C	8.48	3.60	60	36	16	48	3.16	16.8	20.0	35	NV ₂ 6a	
60920		42-80	C	8.29	4.90	64	28	16	53	4.00	16.4	20.4	31		
60921		80-200	C	8.40	3.10	79	36	15	48	3.07	12.9	16.0	27		
61021	6316	0-40	C	8.40	1.90	53	24	8	43	1.2	12.8	14.0	30	NV ₂ 6as	
61022		40-120	C	7.90	11.60	58	20	8	48	8.4	16.8	25.2	35		
61023		120-200	C	7.90	12.00	56	28	10	52	8.6	10.6	19.2	20		
80004	8001	0-29	C	8.30	0.60	46	16	13	55	0.58	9.8	10.4	18	NV ₄ 6a	
80005		29-76	C	8.30	0.80	60	12	13	55	0.75	14.4	15.2	26		
80006		76-145	C	6.00	7.20	71	12	13	52	6.3	15.7	22.0	30		
80007		145-200	C	8.15	4.00	84	8	18	62	4.3	17.3	21.6	28		
80011	8002	0-34	C	8.35	0.88	48	16	11	37	0.24	13.3	13.6	36	NV ₂ 6a	
80012		34-78	C	8.10	4.20	69	16	16	52	3.70	19.1	22.8	37		
80013		78-116	C	8.15	7.50	72	12	18	50	6.60	19.0	25.6	38		
80014		116-200	CL	8.12	6.40	78	12	13	50	5.70	17.9	23.6	36		
80054	8015	0-46	G.C.	8.30	2.60	59	16	13	50	1.76	14.2	16.0	28	NV ₂ 6as	
80055		46-114	C	8.05	9.70	67	16	18	55	8.06	19.5	27.6	35		
80056		114-200	C	8.30	4.00	96	4	20	60	4.21	22.6	26.8	38		

Laboratory Analyses of Profiles Representative of Mapping Units.

Lab. Nos.	Pit Nos.	Depth (cm)	Field Tex	pH paste	E.C. mmhos/cm at 25°C	Sat. %	Mechanical Analysis				Sol. Na. meq.	Ex. No. lye/100.	Total Ext Na.	E.S.P.	Soil and Sand Class
							Sand CS	Sand FS	Silt 0.02-0.002mm.	Clay 0.002 mm					
30754	3237	0-40	Clay	8.45	4.80	49	24	23	14	39	2.86	14.7	17.6	38	NV ₁ 6a
30755		4-102	Clay	8.13	6.10	54	20	25	11	44	3.76	11.8	15.6	27	
30756		102-200	Clay	8.00	6.30	54	20	25	11	44	3.88	8.9	12.8	20	
30781	3245	3-60	Clay	8.49	1.90	50	20	25	11	49	0.99	11.8	12.8	24	NV ₂ 6a
30782		60-150	Clay	7.99	6.00	63	16	19	11	54	4.1	12.7	16.8	24	
30783		150-200	Clay	7.99	6.30	64	20	20	11	49	4.32	11.7	16.0	24	
30817	3256	2-50	Clay	8.46	1.60	55	20	12	17	51	0.7	11.7	12.4	23	NV ₄ 6as
30818		50-135	Clay	8.02	8.10	68	8	15	17	61	6.46	16.7	23.2	27	
30819		135-200	Clay	8.08	6.80	72	8	22	19	51	5.4	17.0	22.4	33	
30841	3263	2-25	Clay	8.60	1.85	52	20	20	14	46	1.3	14.7	16.0	32	NV ₂ 6as
30842		25-55	Clay	8.15	8.10	66	8	22	16	54	5.64	16.4	22.0	30	
30843		55-110	Clay	8.05	8.20	51	12	18	16	54	5.8	14.2	20.0	26	
30844		110-200	Clay	8.00	7.00	66	12	13	19	56	4.9	12.7	17.6	23	
30914	3286	0-30	Clay	8.30	0.60	49	20	15	9	56	0.24	3.8	4.0	7	V ₄ 2
30915		30-82	Clay	8.13	0.66	49	20	15	9	56	0.12	6.2	6.4	11	
30916		82-200	Clay	8.00	3.20	66	20	11	10	59	2.15	9.8	12.0	17	
30926	3289	4-70	Clay	7.82	0.96	48	24	17	11	48	0.36	10.0	10.4	21	NV ₂ 6a
30927		70-180	Clay	7.7	4.60	66	16	18	10	56	3.12	12.08	15.2	22	
30928		180-200	Clay	7.5	11.10	66	20	6	12	62	3.72	12.28	16.0	20	
30983	3307	0-27	Clay	7.7	0.43	48	24	20	13	43	0.12	2.28	2.4	5	V ₂ 6a
30984		27-85	Clay	8.10	0.56	46	28	31	8	33	0.23	13.37	13.6	41	
30985		85-160	Clay	8.40	3.70	50	16	25	11	48	1.95	11.6	13.6	24	
30986		160-200	Clay	7.50	5.10	53	21	20	10	49	2.80	10.4	13.2	21	

Lab. Nos.	Pit Nos.	Depth (cm)	Field Tex	pH paste	E.C. mmhos/cm at 25°C	Sat. %	Mechanical Analysis			Sol. Na. meq.	Ex. N ₂ Fe/100.	Total Ext Na.	E.S.P.	Soil and Sand Class
							Sand CS	Sand FS	Silt 0.02-0.002mm.					
31287	3407	3-63	Clay	6.07	1.05	48	16	27	10	0.60	10.2	20	V ₄	
31288		63-163	Clay	7.7	6.00	73	8	26	12	4.50	15.1	23	V ₄	
31289		163-200	Clay	7.28	3.80	74	12	19	15	3.20	15.2	25	V ₄	
31290	3408	3-59	Clay	7.98	0.80	43	16	30	10	0.34	5.8	22	V ₄ 6a	
31291		59-160	Clay	7.80	6.60	68	16	10	15	4.90	17.5	30	V ₄ 6a	
31292		160-200	Clay	7.85	6.00	49	16	20	13	4.30	12.9	25	V ₄ 6a	
31293	3409	4-76	Clay	7.80	1.26	50	20	24	8	0.74	12.9	27	V ₄ 6a	
31294		79-160	Clay	7.55	5.40	60	12	22	10	3.60	14.5	30	V ₄ 6a	
31295		160-200	Clay	7.78	6.00	67	16	9	15	4.43	17.2	2	V ₄ 6a	
31296	3410	3-65	Clay	8.20	0.60	48	20	11	12	0.48	11.9	21	V ₄ 6a	
31297		65-160	Clay	7.68	6.40	61	21	9	10	4.56	15.4	27	V ₄ 6a	
31298		160-200	Clay	7.68	6.40	61	21	9	10	4.56	15.4	27	V ₄ 6a	
31299	3411	6-60	Clay	8.70	0.85	48	14	20	12	0.48	6.7	15	V ₄ 6a	
31300		60-140	Clay	8.20	3.60	69	16	23	15	2.78	11.1	30	V ₄ 6a	
31301		140-200	Clay	8.20	3.60	69	16	23	15	2.78	11.1	30	V ₄ 6a	
31302	3412	3-72	Clay	7.70	0.68	50	12	22	12	0.38	10.0	17	V ₄ 4a	
31303		72-162	Clay	7.70	5.80	77	12	19	12	4.80	12.0	21	V ₄ 4a	
31304		162-200	Clay	7.80	6.30	68	12	19	12	4.80	13.5	24	V ₄ 4a	
31305	3413	2-58	Clay	7.78	1.05	56	12	19	15	0.56	5.4	10	V ₄ 3a	
31306		58-156	Clay	7.85	5.80	59	12	34	10	5.00	11.0	25	V ₄ 3a	
31307		156-200	Clay	7.7	5.90	68	12	9	17	6.00	15.6	25	V ₄ 3a	

Table 3.1 Laboratory Analyses of Profiles Representative of Mapping Units.

Lab. Nos.	Pit Nos.	Depth (cm)	Field Tex	pH paste	E.C. mmhos/cm at 25°C	Sat. %	Mechanical Analysis				Sol. Na. meq.	Ex. No. Fe/100.	Total Ext Na.	E.S.P.	Soil and Land Class
							Sand CS	Sand FS	Silt 0.02-0.002mm.	Clay 0.002 mm					
40827	4247	0-40	C	8.35	0.50	52	42	12	46	0.20	0.20	0.4	4	V ₂ 31	
40828		40-80	C	8.30	1.45	58	24	9	51	0.73	2.8	3.6	6		
40829		80-200	C	8.00	3.10	63	16	11	64	1.65	5.5	7.2	9		
40875	4254	0-35	C	8.45	0.58	43	24	9	46	0.28	2.9	3.2	6	V ₂ 3a1	
40876		35-85	C	8.50	2.40	56	28	7	46	1.47	7.7	9.2	17		
40877		85-200	C	8.20	5.00	66		12	51	3.36	9.0	12.4	18		
40860	4258	0-35	Cl-C	8.60	0.56	47	20	9	51	0.24	4.2	4.4	8	V ₄ 2	
40861		35-85	C	8.40	1.06	48	24	12	51	0.72	7.3	8.0	14		
40862		85-200	C	8.00	5.20	66	27	12	61	3.50	9.3	12.8	15		
40881	4262	0-35	C	8.40	0.44	42	42	12	46	0.16	1.4	1.6	3	V ₂ 31	
40882		35-95	C	8.35	1.80	57	24	9	59	0.85	6.3	7.2	11		
40883		95-190	C	8.00	6.30	68	16	5	54	4.3	9.3	13.6	17		
40884		190-200	C	8.12	4.80	65	24	12	45	3.16	10.4	13.6	23		
40903	4268	0-30	Cl-C	8.50	0.56	41	20	12	51	0.21	5.8	6.0	11	V ₄ 3a	
40904		30-90	C	8.18	5.70	58	24	9	56	3.72	10.7	14.4	19		
40905		90-145	C	8.21	7.00	68	20	9	59	5.26	15.1	20.4	26		
40906		145-200	C	7.91	6.80	80	16	11	54	5.8	13.8	19.6	26		
40943	4276	0-45	C	8.50	0.48	47	20	9	56	0.18	3.4	3.6	6	V ₄ 2	
40944		45-95	C	8.30	0.70	49	20	12	56	0.24	7.0	7.2	13		
40945		95-145	C	8.25	3.60	66	12	9	59	2.04	8.7	10.8	15		
40946		145-200	C	8.09	4.50	64	24	9	61	2.96	9.4	12.4	15		
41242	4374	0-50	Cl-C	8.40	1.55	54	24	15	49	1.01	15.0	16.0	31	NV ₂ 6as	
41243		50-120	C	8.30	9.30	79	24	29	42	8.8	25.2	34.0	60		
41244		120-160	C	8.30	5.10	75	20	11	43	4.9	23.9	28.8	56		
41245		160-200	6	8.12	6.20	61	28	15	44	5.1	20.5	25.6	47		

Table 3.1 Laboratory Analyses of Profiles Representative of Mapping Units.

Lab. Nos.	Pit Nos.	Depth (cm)	Field Tex	pH paste	E.C. mmhos/cm at 25°C	Sat. %	Mechanical Analysis			Sol. Na. meq.	Ex. Na. me/100.	Total Ext Na.	E.S.P.	Soil and Land Class
							Sand CS	Sand FS	Silt 0.02-0.002mm.					
50845	5257	0-5	Clay	8.45	0.65	43	20	25	13	42	0.27	7.7	8.0	NV ₄ 4a
50846		5-90	Clay	8.15	3.80	64	16	19	10	55	2.88	10.7	13.6	
50847		90-130	Clay	8.35	8.50	61	16	11	18	55	5.80	15.8	21.6	
50848		130-200	Clay	8.10	8.00	63	12	19	14	55	5.76	13.0	18.8	
50861	5261	0-5	Clay	8.48	0.65	40	16	26	31	27	0.25	4.9	5.2	NV ₄ 6a
50862		5-40	Clay	8.49	2.90	58	12	20	16	52	1.88	15.7	17.6	
50863		40-130	Clay	8.22	7.00	59	8	19	16	57	5.30	16.3	21.6	
50864		130-200	Clay	8.59	8.10	66	8	24	24	44	6.00	14.4	20.4	
50910	5277	0-32	Clay	8.35	1.50	58	8	29	13	50	0.86	17.5	18.4	NV ₂ 6as
50911		32-57	Clay	8.05	1.00	58	8	39	23	50	8.40	21.2	29.6	
50912		57-95	Clay	8.35	7.80	74	4	43	13	40	6.14	14.9	26.0	
50913		95-200	Clay	8.35	3.40	80	4	31	16	37	3.20	19.2	22.4	
50950	5288	0-45	Clay	8.25	2.60	53	16	14	13	52	1.65	15.9	17.6	NV ₄ 6as
50951		45-130	Clay	8.00	9.20	62	12	18	20	50	6.23	17.8	24.0	
50952		130-200	Clay	8.19	8.80	61	12	18	33	37	5.90	17.7	23.6	
51016	5309	0-73	Sandy Clay	8.00	2.20	44	24	17	11	48	1.10	14.1	15.2	NV ₂ 6a
51017		73-179	Clay	7.95	6.80	64	20	19	10	51	5.3	13.9	19.2	
51018		179-200	Clay	8.00	6.90	64	28	18	8	48	5.6	12.8	18.4	
51134	5348	0-90	Sandy Clay	7.60	3.80	59	16	17	15	52	2.56	11.8	14.4	NV ₄ 6a
51135		90-185	Clay	7.70	6.80	63	16	19	13	52	4.60	15.6	19.2	
51136		185-200	Clay	8.00	7.00	61	24	13	16	47	4.60	14.2	18.8	
51140	5349	0-68	Clay	7.60	3.90	60	16	14	15	55	2.38	12.0	14.4	NV ₄ 6a
51141		68-135	Clay	7.70	5.00	70	8	7	15	60	4.00	16.8	20.8	
51142		135-200	Clay	7.65	4.40	60	12	28	15	45	2.90	11.9	14.8	

Table 3.1 Laboratory Analyses of Profiles Representative of Mapping Units.

Lab. Nos.	Pit Nos.	Depth (cm)	Field Tex	pH paste	E.C. mmhos/cm at 25°C	Sat. %	Mechanical Analysis			Sol. Na. meq.	Ex. No. l/e/100.	Total Ext Na.	E.S.P.	Soil and Land Class
							Sand CS FS	Silt 0.02-0.002mm.	Clay 0.002 mm					
60573	6180	0-28	C	8.42	0.75	46	20	13	47	0.29	6.9	7.2	15	V ₂ 3a1
60574		28-50	C	8.20	2.80	57	16	13	52	1.42	5.0	6.4	10	
60575		50-80	C	8.10	5.20	58	20	20	45	3.45	10.1	13.6	22	
60576		80-200	CL-C	8.10	6.50	70	12	13	55	5.30	13.9	19.2	25	
60604	6189	0-25	CL	8.45	0.38	42	24	15	35	0.10	2.3	2.4	7	V ₂ 6a
60605		25-50	C	8.30	0.75	42	20	13	47	0.27	6.9	7.2	15	
60606		50-160	C	8.00	7.20	67	24	11	52	5.46	13.3	18.8	26	
60607		160-200	C	8.35	4.60	80	12	13	57	4.10	16.3	20.4	29	
60632	6197	0-40	C	8.45	0.76	41	28	20	35	0.21	8.2	8.4	23	NV ₂ 6as
60633		40-80	C	8.57	3.60	75	20	8	52	3.30	21.5	24.8	41	
60634		80-170	C	8.05	8.20	68	24	10	50	7.14	18.4	25.6	37	
60635		170-200	C	8.60	3.20	120	16	13	60	3.60	26.4	30.0	44	
60693	6216	0-25	C	8.12	0.75	42	12	15	45	0.27	3.3	3.6	7	V ₂ 3a1
60694		25-70	C	8.32	1.70	53	12	11	52	1.05	10.9	12.0	21	
60695		70-150	C	8.10	5.80	66	20	13	55	4.20	13.4	17.6	24	
60696		150-200	C	8.22	3.20	64	24	20	40	2.32	13.3	15.6	33	
60700	6217	0-25	C	8.32	1.00	54	16	13	50	0.40	10.80	11.2	22	NV ₂ 6a
60701		25-60	C	8.50	1.40	57	16	10	55	0.70	16.50	17.2	30	
60702		60-125	C	8.12	7.00	70	20	13	55	5.21	20.40	25.6	37	
60703		125-200	C	8.30	4.20	80	4	13	62	1.80	21.80	23.6	35	
60734	6227	0-25	C	8.42	0.70	45	24	13	50	0.34	10.10	10.4	20	NV ₂ 6a
60735		25-60	C	8.41	6.60	58	20	15	55	4.09	27.1	31.2	49	
60736		60-125	C	8.10	8.50	65	16	16	57	5.90	17.30	23.2	30	
60737		125-200	C	8.5	3.40	80	12	20	60	3.30	19.50	22.8	33	

Table 3.2 Routine Analyses from 770 Auger Borings

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.			
30700	3220	0-45	50	11	29	0.54	14	V ₂ 3als
30701		45-90	39	12	49	6.00	22	
30702		90-150				6.50		
30703	3221	0-45	52	12	36	1.42	15	V ₂ 3asl
30704		45-90	37	14	49	7.00	25	
30705		90-150				7.10		
30706	3222	0-45	42	12	46	0.76	12	V ₂ 3al
30707		45-90	42	8	50	5.00	20	
30708		90-150				6.10		
30709	3223	0-45	47	12	41	0.82	12	V ₂ 3asl
30710		45-90	34	12	54	6.20	22	
30711		90-150				5.20		
30712	3224	0-45	42	12	46	0.92	12	V ₂ 3al
30713		45-90	37	12	51	2.10	20	
30714		90-150				5.90		
30715	3225	0-45	30	10	51	0.70	11	V ₄ 3a
30716		45-90	37	9	54	4.80	10	
30717		90-150				6.20		
30718	3226	0-45	34	12	54	0.85	88	V ₄ 3a
30719		45-90	34	10	56	3.40	18	
30720		90-150				6.10		
30721	3227	0-45	41	10	46	0.60	11	V ₂ 3al
30722		45-90	30	12	49	1.75	24	
30723		90-150				5.00		
30724	3228	0-45	49	10	41	0.65	14	V ₂ 6a
30725		45-90	30	10	51	6.00	26	
30726		90-150				6.10		
30727	3229	0-45	52	9	39	4.60	21	NV ₁ 6a
30728		45-90	30	10	51	5.00	19	
30729		90-150				4.20		
30730	3230	0-45	27	12	51	0.98	15	V ₄ 3as
30731		45-90	20	12	59	7.20	22	
30732		90-150				4.00		
30733	3231	0-45	37	12	51	0.60	12	V ₄ 3a
30734		45-90	34	10	56	2.65	22	
30735		90-150				6.00		
30736	3232	0-45	31	10	56	0.68	11	V ₄ 3a
30737		45-90	40	10	41	1.00	25	
30738		90-150				6.00		
30739	3233	0-45	29	10	51	0.52	7	V ₄ 3a
30740		45-90	30	10	51	2.00	20	
30741		90-150				5.20		

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.			
30742	3234	0-45	36	10	54	0.60	7	V ₄ 3a
30743		45-90	37	12	51	1.60	19	
30744		90-150				5.00		
30745	3235	0-45	34	12	54	0.65	10	V ₄ 3a
30746		45-90	32	12	56	2.10	18	
30747		90-150				5.10		
30748	3236	0-45	30	10	51	0.70	10	V ₄ 3a
30749		45-90	34	12	54	2.30	20	
30750		90-150				5.10		
30751	3237	0-45	44	12	44	2.50	35	NV ₂ 6a
30752		45-90	29	10	51	7.50	25	
30753		90-150				7.00		
30757	3238	0-45	44	12	44	2.55	18	NV ₂ 6a
30758		45-90	24	12	54	7.50	30	
30759		90-150				7.80		
30760	3239	0-45	62	7	31	0.10	16	E 6a
30761		45-90	54	12	24	0.70	9	
30762		90-150				2.70		
30763	3240	0-45	42	0	40	0.60	10	V ₂ 3a1b
30764		45-90	22	12	56	5.80	20	
30765		90-150				5.00		
30766	3241	0-45	34	12	54	1.20	19	NV ₄ 6a
30767		45-90	24	20	56	7.80	26	
30768		90-150				7.10		
30769	3242	0-45	42	14	44	0.55	12	V ₂ 3a1
30770		45-90	29	17	54	2.40	16	
30771		90-150				4.80		
30772	3243	0-45	29	15	46	1.00	20	NV ₂ 6a
30773		45-90	37	12	51	7.00	10	
30774		90-150				7.20		
30775	3244	0-45	27	17	46	6.80	20	NV ₁ 6es
30776		45-90	24	17	49	7.20	26	
30777		90-150				6.70		
30778	3245	0-45	12	0	10	1.60	26	NV ₂ 6a
30779		45-90	21	12	54	5.50	22	
30780		90-150				5.00		
30784	3246	0-45	12	11	14	0.00	15	NV ₂ 3a1
30785		45-90	29	17	54	4.60	21	
30786		90-150				2.80		
30787	3247	0-45	41	12	44	0.00	18	NV ₂ 6a
30788		45-90	27	12	51	7.50	26	
30789		90-150				5.60		

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.			
30790	3248	0-45	30	15	16	5.40	26	NV ₁ 6as
30791		45-90	29	20	51	7.30	29	
30792		90-150				7.20		
30793	3219	0-45	27	14	40	2.60	28	NV ₂ 6a
30794		45-90	24	20	56	8.00	20	
30795		90-150				7.50		
30796	3250	0-45	34	15	51	3.3	22	NV ₄ 6as
30797		45-90	27	17	56	0.00	32	
30798		90-150				8.50		
30799	3251	0-45	44	12	44	2.70	17	NV ₂ 6a
30800		45-90	32	12	56	7.90	26	
30801		90-150				7.85		
30802	3252	0-45	39	15	46	0.98	20	NV ₂ 6a
30803		45-90	27	14	59	5.10	23	
30804		90-150				3.40		
30805	3253	0-45	12	14	14	6.00	26	NV ₁ 6as
30806		45-90	22	19	59	7.50	31	
30807		90-150				8.10		
30808	3254	0-45	32	19	49	2.10	28	NV ₂ 6a
30809		45-90	24	17	59	7.00	32	
30810		90-150				9.10		
30811	3255	0-45	52	14	34	7.00	21	E 6as
30812		45-90	27	14	59	20.00	28	
30813		90-150				15.00		
30814	3256	0-45	24	17	59	0.90	20	NV ₄ 6as
30815		45-90	24	17	59	8.50	20	
30816		90-150				8.00		
30820	3257	0-45	42	17	41	2.80	20	NV ₂ 6as
30821		45-90	24	22	51	11.00	24	
30822		90-150				0.60		
30823	3258	0-45	44	12	11	7.00	25	NV ₁ 6as
30824		45-90	24	17	59	8.50	24	
30825		90-150				8.60		
30826	3259	0-45	42	17	41	6.10	22	NV ₁ 6as
30827		45-90	22	27	51	6.20	27	
30828		90-150				6.80		
30829	3260	0-45	12	0	40	0.65	17	NV ₂ 6as1
30830		45-90	34	10	56	6.40	24	
30831		90-150				6.00		
30832	3261	0-45	37	12	51	4.70	20	NV ₂ 6as
30833		45-90	24	15	61	8.10	20	
30834		90-150				7.20		

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.			
30835	3262	0-45	44	12	44	2.50	23	NV ₂ 6a
30836		45-90	27	17	56	8.00	28	
30837		90-150				7.50		
30838	3267	0-45	29	12	59	8.50	27	NV ₃ 6as
30839		45-90	22	22	56	8.50	22	
30840		90-150				7.20		
30845	3264	0-45	44	12	44	0.57	12	V ₂ 3a1
30846		45-90	24	12	54	2.00	21	
30847		90-150				5.80		
30848	3265	0-45	29	21	49	0.77	10	V ₂ 3a1
30849		45-90	34	10	56	4.20	18	
30850		90-150				5.20		
30851	3266	0-45	27	12	51	0.49	8	V ₄ 3a
30852		45-90	22	11	57	1.50	17	
30853		90-150				2.00		
30854	3267	0-45	42	12	45	0.80	6	V ₂ 3a1
30855		45-90	30	12	49	2.15	16	
30856		90-150				5.20		
30857	3268	0-45	34	10	56	0.50	9	V ₄ 3a
30858		45-90	37	8	55	1.10	19	
30859		90-150				3.80		
30860	3269	0-45	34	12	54	0.55	9	V ₄ 3a
30861		45-90	32	12	56	1.55	18	
30862		90-150				5.70		
30863	3270	0-45	39	10	51	0.54	8	V ₄ 3a
30864		45-90	34	10	56	1.70	16	
30865		90-150				5.00		
30866	3271	0-45	44	10	46	0.16	2	V ₂ 31
30867		45-90	38	10	52	2.20	5	
30868		90-150				4.00		
30869	3272	0-45	27	9	54	0.60	8	V ₄ 3a
30870		45-90	34	10	56	1.30	19	
30871		90-150				5.00		
30872	3273	0-45	24	10	56	0.60	8	V ₄ 6a
30873		45-90	29	12	59	2.10	32	
30874		90-150				7.00		
30875	3274	0-45	39	12	49	0.58	8	V ₂ 3a1
30876		45-90	32	11	57	1.60	16	
30877		90-150				1.35		
30878	3275	0-45	24	14	52	0.42	7	V ₄ 3s
30879		45-90	32	11	57	7.90	5	
30880		90-150				3.60		

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-.002 mm.	Clay .002 mm.			
30881	3276	0-45	40	12	30	0.62	8	V ₂ 3e1
30882		45-90	44	0	47	2.40	22	
30883		90-150				6.50		
30884	3277	0-45	47	11	12	1.00	7	V ₂ 3a1
30885		45-90	42	12	16	2.70	15	
30886		90-150				4.70		
30887	3278	0-45	37	11	54	0.57	8	V ₄ 3a
30888		45-90	34	12	54	1.04	16	
30889		90-150				4.50		
30890	3279	0-45	34	9	57	0.50	7	V ₄ 3a
30891		45-90	34	9	57	1.00	20	
30892		90-150				2.30		
30893	3280	0-45	37	11	52	0.6	10	V ₄ 3a
30894		45-90	22	11	57	0.7	23	
30895		90-150				2.20		
30896	3281	0-45	34	12	54	0.77	0	V ₄ 3a
30897		45-90	34	9	57	0.60	18	
30898		90-150				2.00		
30899	3282	0-45	42	0	40	0.52	8	V ₂ 3e1
30900		45-90	37	11	52	1.10	16	
30901		90-150				4.70		
30902	3283	0-45	37	9	54	0.54	11	V ₄ 3a
30903		45-90	37	9	54	1.40	10	
30904		90-150				4.60		
30905	3284	0-45	42	0	40	0.55	21	NV ₂ 6a
30906		45-90	37	9	54	1.75	21	
30907		90-150				2.10		
30908	3285	0-45	37	14	40	0.50	8	V ₂ 31
30909		45-90	34	10	56	1.10	15	
30910		90-150				2.20		
30911	3286	0-45	32	11	57	0.46	12	V ₄ 3a
30912		45-90	32	11	57	1.24	20	
30913		90-150				2.80		
30917	3287	0-45	54	11	35	0.17	28	NV ₂ 6a
30918		45-90	46	7	47	2.60	27	
30919		90-150				4.00		
30920	3288	0-45	31	21	45	1.55	20	NV ₂ 6a
30921		45-90	24	21	45	5.00	28	
30922		90-150				6.20		
30923	3289	0-45	20	9	52	0.48	12	V ₄ 3a
30924		45-90	36	12	52	0.80	21	
30925		90-150				5.10		

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.			
30929	3290	0-45	39	11	50	0.58	16	NV ₂ 4a
30930		45-90	36	12	52	1.55	23	
30931		90-150				4.45		
30932	3201	0-45	46	9	45	0.56	13	V ₂ 6a
30933		45-90	46	7	47	2.75	44	
30934		90-150				6.00		
30935	3292	0-45	41	0	50	0.56	12	V ₂ 3a
30936		45-90	39	9	52	1.75	23	
30937		90-150				3.80		
30938	3293	0-45	44	14	42	0.50	5	V ₂ 3a1
30939		45-90	41	0	50	1.70	17	
30940		90-150				3.40		
30941	3294	0-45	41	0	50	0.40	8	V ₂ 3a
30942		45-90	30	11	50	0.05	10	
30943		90-150				2.60		
30944	3205	0-45	41	9	50	0.12	6	V ₄ 3a
30945		45-90	26	0	55	1.40	16	
30946		90-150				2.20		
30947	3206	0-45	31	9	60	0.40	3	V ₄ 3a
30948		45-90	24	14	62	1.00	16	
30949		90-150				2.20		
30950	3297	0-45	44	0	47	0.70	11	V ₂ 6a
30951		45-90	41	12	47	1.70	27	
30952		90-150				4.00		
30953	3298	0-45	44	9	47	0.50	14	V ₂ 3a1
30954		45-90	41	12	47	1.10	23	
30955		90-150				5.10		
30956	3299	0-45	49	6	45	0.64	7	V ₂ 3a1
30957		45-90	44	9	47	4.00	22	
30958		90-150				5.00		
30959	3300	0-45	41	0	50	0.52	0	V ₄ 3a
30960		45-90	31	17	52	1.80	21	
30961		90-150				4.60		
30962	3301	0-45	29	11	50	0.38	8	V ₄ 3a
30963		45-90	34	11	55	0.92	21	
30964		90-150				4.50		
30965	3302	0-45	41	12	47	0.42	6	V ₂ 31
30966		45-90	26	12	52	0.96	14	
30967		90-150				2.80		
30968	3303	0-45	44	6	50	0.43	3	V ₄ 2
30969		45-90	39	9	52	0.65	12	
30970		90-150				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.			
30971	3304	0-45	34	14	52	0.45	7	V ₄ 3a
30972		45-90	39	9	52	1.10	16	
30973		90-150				2.10		
30974	3305	0-45	34	14	52	0.65	10	V ₄ 3a
30975		45-90	34	6	60	1.25	16	
30976		90-150				3.20		
30977	3306	0-45	29	11	50	0.40	9	V ₄ 3a
30978		45-90	34	11	55	0.80	17	
30979		90-150				2.20		
30980	3307	0-45	44	14	42	0.74	3	V ₂ 3a1
30981		45-90	46	7	47	0.90	17	
30982		90-150				3.70		
30987	3308	0-45	39	9	52	0.74	12	V ₄ 3a
30988		45-90	30	0	52	1.04	20	
30989		90-150				3.20		
30990	3309	0-45	74	4	22	0.60	11	E 6a
30991		45-90	51	12	37	2.20	30	
30992		90-150				5.00		
30993	3310	0-45	46	12	42	0.55	10	V ₂ 6a
30994		45-90	74	1	55	2.30	26	
30995		90-150				4.00		
30996	3311	0-45	36	2	62	0.68	10	V ₄ 6a
30997		45-90	44	9	47	1.80	26	
30998		90-150				4.20		
30999	3312	0-45	41	12	47	0.78	11	V ₂ 3a1
31000		45-90	36	12	52	4.60	21	
31001		90-150				6.00		
31002	3313	0-45	29	11	50	0.48	9	V ₄ 3a
31003		45-90	41	7	55	1.10	20	
31004		90-150				4.50		
31005	3314	0-45	44	6	50	0.40	12	V ₄ 3a
31006		45-90	41	9	50	0.84	20	
31007		90-150				4.00		
31008	3315	0-45	42	15	42	0.46	0	V ₂ 3a1
31009		45-90	41	9	50	2.30	21	
31010		90-150				4.50		
31011	3316	0-45	43	12	45	0.38	2	V ₂ 31
31012		45-90	41	9	50	0.70	8	
31013		90-150				1.50		
31014	3317	0-45	41	7	52	0.40	10	V ₄ 3a
31015		45-90	36	12	52	1.10	21	
31016		90-150				4.90		

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.			
31017	3318	0-45	39	11	50	0.46	11	V ₄ 3a
31018		45-90	39	9	52	1.20	19	
31019		90-150				5.00		
31020	3319	0-45	54	9	37	0.60	16	NV ₂ 6a
31021		45-90	43	7	50	1.60	20	
31022		90-150				4.50		
31023	3320	0-45	49	9	42	0.50	1	V ₂ 3a1
31024		45-90	49	4	47	2.20	19	
31025		90-150				3.60		
31026	3321	0-45	43	7	50	0.50	15	V ₄ 4a
31027		45-90	39	4	57	2.70	22	
31028		90-150				4.70		
31029	3322	0-45	51	2	47	0.40	11	V ₂ 3a1
31030		45-90	42	7	50	1.20	10	
31031		90-150				3.40		
31032	3323	0-45	41	9	50	0.55	10	V ₂ 6a
31033		45-90	41	20	39	1.80	29	
31034		90-150				4.30		
31035	3324	0-45	44	9	47	0.52	11	V ₂ 3a1
31036		45-90	39	10	51	2.00	24	
31037		90-150				1.90		
31038	3325	0-45	49	8	43	0.55	12	V ₂ 3a1
31039		45-90	41	12	46	0.66	25	
31040		90-150				5.00		
31041	3326	0-45	51	13	36	0.75	8	V ₂ 6a
31042		45-90	46	11	43	2.00	27	
31043		90-150				5.60		
31044	3327	0-45	39	12	48	0.25	8	V ₂ 3a1
31045		45-90	36	16	48	0.50	17	
31046		90-150				2.00		
31047	3328	0-45	39	15	46	0.12	7	V ₂ 3a1
31048		45-90	39	10	51	1.20	20	
31049		90-150				3.50		
31050	3329	0-45	39	10	51	0.58	10	V ₄ 3a
31051		45-90	34	12	52	1.20	19	
31052		90-150				5.20		
31057	3330	0-45	48	10	42	0.12	12	V ₂ 3a1
31058		45-90	34	18	48	1.50	20	
31059		90-150				4.50		
31060	3331	0-45	50	10	40	0.48	12	V ₂ 3a1
31061		45-90	39	10	51	1.80	21	
31062		90-150				4.00		

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-.002 mm.	Clay .002 mm.				
31063	3332	0-45	41	11	48	0.40	12	V ₂	3a1
31064		45-90	39	13	48	0.82			
31065		90-150				2.80			
31066		0-45	41	13	46	0.42	10	V ₂	3a1
31067		45-90	40	10	50	1.16			
31068		90-150				1.80			
31069	3334	0-45	50	8	42	0.62	11	V ₂	3s1
31070		45-90	39	10	51	5.10			
31071		90-150				4.70			
31072	3335	0-45	49	15	26	0.42	8	V ₂	3a1
31073		45-90	46	11	42	1.80			
31074		90-150				4.50			
31075	3336	0-45	44	10	46	0.40	10	V ₂	3a1
31076		45-90	41	11	48	1.20			
31077		90-150				5.80			
31078	3337	0-45	44	15	41	0.62	8	V ₂	3a1
31079		45-90	41	11	48	2.70			
31080		90-150				5.20			
31081	3338	0-45	49	10	41	1.58	7	V ₂	3a1
31082		45-90	48	10	42	1.50			
31083		90-150				2.60			
31084	3339	0-45	32	13	54	0.45	9	V ₄	3a
31085		45-90	31	13	52	1.20			
31086		90-150				3.00			
31087	3340	0-45	44	12	43	0.50	16	NV ₂	6a
31088		45-90	45	13	42	0.92			
31089		90-150				2.20			
31090	3341	0-45	44	12	43	0.60	17	NV ₂	6a
31091		45-90	40	10	50	1.55			
31092		90-150				4.90			
31093	3342	0-45	54	10	26	0.82	9	V ₂	6a
31094		45-90	50	8	42	1.05			
31095		90-150				2.10			
31096	3343	0-45	54	9	37	0.56	12	V ₂	3a1
31097		45-90	46	11	42	1.15			
31098		90-150				2.50			
31099	3344	0-45	40	13	47	0.43	10	V ₂	3a1
31100		45-90	43	5	52	1.00			
31101		90-150				3.60			
31102	3345	0-45	36	11	53	0.12	10	V ₄	3a
31103		45-90	34	13	52	0.90			
31104		90-150				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-.0002 mm.	Clay .002 mm.				
31105	3346	0-45	39	13	48	0.63	22	NV ₂	6a
31106		45-90	34	10	56	3.60	23		
31107		90-150				3.62			
31108	3347	0-45	46	11	43	0.65	24	NV ₂	6a
31109		45-90	44	8	48	2.20	22		
31110		90-150				4.10			
31111	3348	0-45	44	12	44	0.77	21	NV ₂	6a
31112		45-90	40	8	52	2.80	24		
31113		90-150				3.90			
31114	3349	0-45	45	8	47	4.00	13	V ₂	6a
31115		45-90	36	11	53	3.50	30		
31116		90-150				5.10			
31117	3350	0-45	39	10	51	0.43	11	V ₄	3a
31118		45-90	36	11	53	2.70	20		
31119		90-150				5.20			
31120	3351	0-45	56	8	36	0.80	7	V ₂	31
31121		45-90	49	10	41	2.70	14		
31122		90-150				5.20			
31123	3352	0-45	48	12	39	5.80	42	NV ₁	6as
31124		45-90	38	13	49	7.80	26		
31125		90-150				4.70			
31126	3353	0-45	53	12	34	5.20	35	NV ₁	6a
31127		45-90	41	12	47	8.00	34		
31128		90-150				5.10			
31129	3354	0-45	46	15	39	6.10	32	NV ₁	6as
31130		45-90	38	15	47	8.00	37		
31131		90-150				7.00			
31132	3355	0-45	38	30	32	1.10	27	E	6a
31133		45-90	42	10	47	6.10	26		
31134		90-150				4.50			
31135	3356	0-45	61	7	32	2.25	33	E	6as
31136		45-90	44	7	49	8.00	34		
31137		90-150				7.20			
31138	3357	0-45	56	7	37	0.70	12	V ₂	3a1
31139		45-90	49	12	39	4.50	19		
31140		90-150				5.30			
31141	3358	0-45	53	10	37	8.00	37	NV ₁	6as
31142		45-90	53	3	44	9.20	40		
31143		90-150				4.30			
31144	3359	0-45	43	13	44	1.00	22	NV ₂	6a
31145		45-90	31	12	52	5.80	32		
31146		90-150				6.10			

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.			
31147	3360	0-45	36	12	52	3.70	21	NV ₄ 6a
31148		45-90	26	12	62	7.90		
31149		90-150				7.30		
31150	3361	0-45	33	13	54	6.00	37	NV ₃ 6as
31151		45-90	26	15	59	9.00		
31152		90-150				8.80		
31153	3362	0-45	38	18	44	2.10	29	NV ₂ 6as
31154		45-90	36	12	52	9.00		
31155		90-150				6.80		
31156	3363	0-45	51	10	39	1.00	37	NV ₂ 6a
31157		45-90	51	17	42	3.50		
31158		90-150				3.40		
31159	3364	0-45	28	18	44	2.25	28	NV ₂ 6as
31160		45-90	31	12	57	8.00		
31161		90-150				8.20		
31162	3365	0-45	43	10	47	0.60	12	V ₂ 6a
31163		45-90	43	10	47	1.35		
31164		90-150				4.50		
31165	3366	0-45	45	12	37	7.20	39	NV ₁ 6as
31166		45-90	41	15	44	16.00		
31167		90-150				12.40		
31168	3367	0-45	51	10	39	2.1	37	NV ₂ 6as
31169		45-90	23	15	62	11.2		
31170		90-150				9.5		
31171	3368	0-45	41	12	47	1.8	35	NV ₁ 6as
31172		45-90	23	18	59	14.2		
31173		90-150				8.0		
31174	3369	0-45	46	15	39	5.8	27	NV ₁ 6as
31175		45-90	43	13	44	7.9		
31176		90-150				5.0		
31177	3370	0-45	39	37	21	6.1	27	E 6as
31178		45-90	37	44	19	2.8		
31179		90-150				1.25		
31180	3371	0-45	41	17	42	1.00	11	V ₂ 31
31181		45-90	41	20	39	3.00		
31182		90-150				5.80		
31183	3372	0-45	41	12	47	2.10	17	NV ₂ 6a
31184		45-90	33	11	56	5.40		
31185		90-150				7.00		
31186	3373	0-45	46	7	47	3.60	18	NV ₂ 6as
31187		45-90	34	10	56	8.00		
31188		90-150				8.00		

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-.002 mm.	Clay .002 mm.				
31189	3374	0-45	66	10	24	1.00	26	E	6a
31190		45-90	56	10	24	4.40			
31191		90-150				2.30			
31192	3375	0-45	51	7	42	0.8	29	NV ₂	6a
31193		45-90	36	12	52	7.0			
31194		90-150				3.2			
31195	3376	0-45	41	10	49	4.5	10	NV ₁	6a
31196		45-90	38	10	52	6.4			
31197		90-150				5.2			
31198	3377	0-45	46	10	44	6.70	28	NV ₁	6as
31199		45-90	66	7	27	11.0			
31200		90-150				5.20			
31201	3378	0-45	24	14	52	5.80	22	NV ₂	6as
31202		45-90	41	17	42	7.20			
31203		90-150				4.00			
31204	3379	0-45	46	12	42	1.85	24	NV ₂	6a
31205		45-90	46	15	20	3.10			
31206		90-150				2.40			
31207	3380	0-45	34	14	52	1.10	15	V ₄	3as
31208		45-90	26	15	59	6.00			
31209		90-150				4.70			
31210	3381	0-45	49	12	29	2.60	27	NV ₂	6as
31211		45-90	39	9	52	8.9			
31212		90-150				2.20			
31213	3382	0-45	49	12	39	0.78	19	NV ₂	6a
31214		45-90	44	12	44	2.00			
31215		90-150				7.10			
31216	3383	0-45	41	10	49	5.20	21	NV ₁	6a
31217		45-90	24	17	50	6.10			
31218		90-150				4.00			
31219	3384	0-45	46	10	44	2.00	28	NV ₂	6a
31220		45-90	26	17	47	6.90			
31221		90-150				0.75			
31222	3385	0-45	46	10	44	0.84	21	NV ₂	6a
31223		45-90	44	7	49	3.40			
31224		90-150				4.00			
31225	3386	0-45	34	14	52	0.98	10	NV ₄	4a
31226		45-90	44	9	47	1.30			
31227		90-150				2.20			
31228	3387	0-45	34	10	47	0.66	22	NV ₂	6a
31229		45-90	34	12	54	5.10			
31230		90-150				8.00			

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.			
31231	3388	0-45	44	32	24	13.6	78	E 6as
31232		45-90	46	17	37	15.6	14	
31233		90-150				16.8		
31234	3389	0-45	40	12	39	2.6	17	NV ₂ 6a
31235		45-90	46	15	39	8.0	48	
31236		90-150				4.4		
31237	3390	0-45	61	12	27	0.65	8	E 41
31238		45-90	61	5	34	0.90	15	
31239		90-150				0.25		
31240	3391	0-45	46	17	37	6.10	26	NV ₁ 6as
31241		45-90	39	19	42	9.00	48	
31242		90-150				1.60		
31243	3392	0-45	49	19	32	5.30	7	E 3als
31244		45-90	49	7	44	6.10	25	
31245		90-150				8.00		
31246	3393	0-45	49	12	39	4.50	22	NV ₁ 6as
31247		45-90	26	8	56	9.40	38	
31248		90-150				7.30		
31249	3394	0-45	54	9	37	1.40	21	NV ₂ 6as
31250		45-90	44	12	44	8.20	32	
31251		90-150				6.50		
31252	3395	0-45	51	10	39	1.00	26	NV ₂ 6a
31253		45-90	49	7	44	5.70	23	
31254		90-150				4.00		
31255	3396	0-45	36	32	32	1.60	42	E 6a
31256		45-90	46	10	41	5.90	34	
31257		90-120				4.50		
31258	3397	0-45	46	15	39	5.00	12	V ₁ 6a
31259		45-90	39	12	40	7.10	28	
31260		90-150				7.10		
31261	3398	0-45	64	12	24	24.00	00	E 6as
31262		45-90	71	7	22	28.5	70	
31263		90-100				21.6		
31264	3399	0-45	44	9	47	2.0	20	NV ₂ 6a
31265		45-90	31	15	54	8.0	40	
31266		90-150				8.20		
31267	3400	0-45	39	17	44	3.10	13	V ₂ 6a
31268		45-90	21	20	50	7.70	22	
31269		90-150				4.80		
31270	3401	0-45	20	32	39	4.00	23	NV ₂ 6a
31271		45-90	31	20	49	7.00	27	
31272		90-150				7.00		

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-.002 mm.	Clay .002 mm.				
31273	3402	0-45	59	14	27	0.55	19 25	E	6as
31274		45-90	44	14	42	10.60			
31275		90-150				4.40			
31276	3403	0-15	46	15	39	0.76	13 22	V ₂	3a1
31277		45-90	49	10	41	4.60			
31278		90-150				4.90			
31279	3404	0-45	56	13	31	0.80	7 22	E	41
31280		45-90	49	12	39	1.50			
31281		90-100				4.0			
31282	3405	0-45	56	18	26	0.70	27 38	E	6a
31283		45-80	51	23	26	2.10			
31284	3406	0-45	64	12	24	0.42	5 6	E	41
31285		45-90	31	15	54	1.10			
31286		90-130				2.20			
40800	4239	0-45	36	14	50	0.70	11 17	V ₂	2a
40801		45-90	36	9	55	4.10			
40802		90-150				5.00			
40803	3240	0-45	43	9	48	0.72	9 17	V ₂	3a1
40804		45-90	41	9	50	2.20			
40805		90-150				4.00			
40806	4241	0-15	41	11	48	0.52	11 19	V ₂	3a1
40807		45-90	38	9	53	1.24			
40808		90-150				2.50			
40809	4242	0-15	33	12	55	0.44	7 12	V ₄	2
40810		45-90	33	9	58	0.90			
40811		90-150				5.00			
40812	4243	0-45	41	11	48	0.57	12 22	V ₂	3a1
40813		45-90	41	9	50	2.30			
40814		90-150				5.10			
40815	4244	0-45	41	11	48	0.50	19 15	NV ₂	6a
40816		45-90	36	11	53	4.60			
40817		90-150				3.70			
40818	4245	0-45	52	10	37	0.32	3 3	V ₂	31
40819		45-90	39	10	52	0.44			
40820		90-150				0.60			
40821	4246	0-45	46	12	42	0.16	7 19	V ₂	3a1
40822		45-90	43	10	47	1.30			
40823		90-150				3.10			
40824	4247	0-45	36	9	55	0.55	5 11	V ₄	2
40825		45-90	31	12	57	1.70			
40826		90-150				2.60			

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.				
40830	4218	0-45	51	12	27	0.20	2	V ₂	31
40831		45-90	46	9	45	0.60	10		
40832		90-150				1.10			
40833	4249	0-45	38	10	52	0.60	11	V ₄	3a
40834		45-90	38	12	50	1.60	18		
40835		90-150				5.60			
40836	4250	0-45	43	10	47	0.68	12	V ₂	3a1
40837		45-90	41	9	50	2.00	19		
40838		90-150				5.20			
40839	4251	0-45	41	12	47	0.20	10	V ₂	3a1
40840		45-90	38	10	52	1.75	20		
40841		90-150				4.60			
40842	4252	0-45	41	9	50	0.54	20	NV ₄	6a
40843		45-90	39	8	53	0.78	17		
40844		90-150				2.10			
40845	4253	0-45	26	9	55	0.18	17	NV ₄	4a
40846		45-90	31	12	57	1.12	15		
40847		90-150				5.00			
40872	4254	0-45	46	8	45	0.52	10	V ₂	3a1
40873		45-90	41	9	50	2.50	18		
40874		90-150				4.70			
40848	4255	0-45	38	10	52	0.75	9	V ₄	3a
40849		45-90	32	10	57	2.70	18		
40850		90-150				4.40			
40851	4256	0-45	38	10	52	0.56	12	V ₄	3a
40852		45-90	33	12	55	1.24	18		
40853		90-150				2.80			
40854	4257	0-45	41	9	50	0.41	6	V ₂	2
40855		45-90	43	7	50	0.56	11		
40856		90-150				1.15			
40857	4258	0-45	42	10	47	0.48	11	V ₂	31
40858		45-90	36	9	55	0.81	14		
40859		90-150				2.00			
40863	4259	0-45	38	10	52	0.48	10	V ₄	3a
40864		45-90	38	10	52	3.20	16		
40865		90-150				4.30			
40866	4260	0-45	38	10	52	0.61	9	V ₄	3a
40867		45-90	38	10	52	2.20	20		
40868		90-150				4.90			
40869	4261	0-45	36	9	53	0.46	8	V ₄	3a
40870		45-90	33	12	55	2.20	17		
40871		90-150				5.40			

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.			
40878	4262	0-45	41	9	50	0.45	6	V ₂ 3a
40879		45-90	46	7	47	1.40	17	
40880	4276	90-150	34	11	55	6.00	22	
40885	4263	0-45	38	10	52	0.44	7	V ₄ 3a
40886		45-90	36	9	55	2.40	15	
40887	4277	90-150	30	9	57	5.00	17	
40888	4264	0-45	38	10	52	0.46	10	V ₄ 3a
40889		45-90	38	10	52	1.50	18	
40890	4278	90-150	30	9	55	4.40	19	
40891	4265	0-45	38	10	52	0.32	5	V ₄ 2
40892		45-90	36	7	57	1.32	9	
40893	4279	90-150	36	9	55	2.65	19	
40894	4266	0-45	38	7	55	0.62	10	V ₄ 3a
40895		45-90	38	10	52	2.00	16	
40896	4280	90-150	34	9	58	5.30	10	
40897	4267	0-45	38	10	52	0.55	12	V ₄ 3a
40898		45-90	33	10	57	1.40	17	
40899	4281	90-150	30	9	55	2.00	17	
40900	4268	0-45	38	12	50	0.63	15	V ₂ 3a
40901		45-90	36	12	52	2.10	24	
40902	4270	90-150	34	11	57	7.00	12	
40907	4269	0-45	38	10	52	0.55	11	V ₄ 3a
40908		45-90	38	10	52	1.20	18	
40909	4282	90-150	30	9	55	3.20	17	
40910	4270	0-45	43	12	45	0.70	6	V ₂ 31
40911		45-90	40	10	50	2.10	8	
40912	4271	90-150	41	9	53	2.00	8	
40913	4271	0-45	36	12	52	0.60	10	V ₄ 3a
40914		45-90	38	10	52	1.80	17	
40915	4272	90-150	30	9	55	2.40	15	
40916	4272	0-45	36	9	55	2.10	7	V ₄ 3a
40917		45-90	33	12	55	5.00	15	
50918	4273	90-150	30	9	55	5.80	16	
40919	4273	0-45	36	7	57	0.58	12	V ₄ 3a
40920		45-90	33	10	57	1.85	16	
40921	4274	90-150	31	11	53	6.20	13	
40922	4274	0-45	39	11	60	0.92	10	V ₄ 3a
40923		45-90	39	6	55	1.64	17	
40924	4275	90-150	32	9	55	5.00	15	
40925	4275	0-45	34	9	57	0.64	10	V ₄ 3a
40926		45-90	36	9	55	1.06	17	
40927	4276	90-150	30	9	55	4.40	12	

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-.002 mm.	Clay .002 mm.			
40940	4276	0-45	34	11	55	0.48	8	V ₄ 3a
40941		45-90	56	6	38	0.50	22	
40942		90-150				3.80		
40928	4277	0-45	36	9	55	0.56	13	V ₄ 3a
40929		45-90	31	9	60	1.40	17	
40930		90-150				5.60		
40931	4278	0-45	31	11	58	0.54	10	V ₄ 3a
40932		45-90	39	6	55	1.16	19	
40933		90-150				4.20		
40934	4279	0-45	30	8	53	0.54	12	V ₄ 3a
40935		45-90	36	9	55	1.85	19	
40936		90-150				5.85		
40937	4280	0-45	30	11	50	0.48	5	V ₂ 2
40938		45-90	34	8	58	1.80	10	
40939		90-150				3.00		
40947	4281	0-45	41	8	48	1.12	7	V ₂ 3a1
40948		45-90	29	6	55	1.10	17	
40949		90-150				5.00		
40950	4282	0-45	41	8	48	0.55	9	V ₂ 31
40951		45-90	34	8	58	4.60	12	
40952		90-150				6.00		
40953	4283	0-45	36	11	53	0.51	9	V ₄ 3a
40954		45-90	36	9	55	1.32	17	
40955		90-150				5.50		
40956	4284	0-45	34	8	58	0.60	10	V ₄ 3a
40957		45-90	41	6	53	0.7	20	
40958		90-150				1.40		
40959	4285	0-45	24	11	55	0.44	8	V ₄ 3a
40960		45-90	26	9	55	1.60	15	
40961		90-150				3.20		
40962	4286	0-45	39	11	50	0.56	15	V ₂ 3a
40963		45-90	36	9	55	2.10	18	
40964		90-150				5.20		
40965	4287	0-45	41	11	48	0.08	10	V ₂ 31
40966		45-90	39	8	53	5.00	13	
40967		90-150				5.50		
40968	4288	0-45	31	9	60	0.52	15	NV ₄ 4a
40969		45-90	36	9	55	1.75	19	
40970		90-150				5.10		
40971	4289	0-45	39	8	53	1.01	11	V ₄ 3a
40972		45-90	30	8	53	2.20	21	
40973		90-150				6.00		

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.				
40974	4290	0-45	34	8	58	0.62	11	V ₄ 3a	
40975		45-90	31	9	60	1.65			17
40976		90-150				5.10			
40977	4291	0-45	46	6	48	0.47	5	V ₂ 31	
40978		45-90	41	9	50	1.25			9
40979		90-150				2.50			
40980	4292	0-45	34	8	58	0.68	9	V ₄ 3a	
40981		45-90	36	6	58	2.50			18
40982		90-150				6.20			
40983	4293	0-45	36	11	52	0.60	11	V ₄ 3a	
40984		45-90	34	8	58	1.95			16
40985		90-150				2.70			
40986	4294	0-45	33	10	57	0.52	12	V ₄ 3a	
40987		45-90	33	10	57	1.20			19
40988		90-150				4.50			
40989	4295	0-45	21	12	57	0.46	19	NV ₄ 4a	
40990		45-90	22	10	57	1.10			11
40991		90-150				2.10			
40992	4296	0-45	31	12	57	0.78	17	NV ₄ 4a	
40993		45-90	31	9	60	0.70			11
40994		90-150				2.10			
40995	4297	0-45	31	9	60	0.54	16	NV ₄ 4a	
40996		45-90	38	10	52	1.25			11
40997		90-150							
40998	4298	0-45	30	12	57	0.75	21	NV ₄ 6a	
40999		45-90	28	10	62	1.70			10
41000		90-150				3.50			
41017	4304	0-45	30	12	57	0.50	12	V ₄ 3a	
41018		45-90	31	12	57	1.15			17
41019		90-150							
41028	4305	0-45	22	10	57	0.28	5	V ₄ 2	
41029		45-90	36	9	55	0.60			14
41030		90-150				2.40			
41031	4306	0-45	41	7	52	0.58	12	V ₄ 3a	
41032		45-90	40	8	52	1.80			21
41033		90-150				2.80			
41034	4307	0-45	40	12	47	1.4	12	V ₂ 3a1	
41035		45-90	25	10	55	2.8			16
41036		90-150				2.40			
41037	4308	0-45	37	11	52	0.50	13	V ₄ 3a	
41038		45-90	35	10	55	1.60			18
41039		90-150				5.00			

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.			
41040	4309	0-45	30	13	57	0.43	11	V ₄ 3a
41041		45-90	30	10	60	1.10	15	
41042		90-150				4.90		
41043	4310	0-45	35	10	55	0.48	10	V ₄ 3a
41044		45-90	35	10	55	1.16	17	
41045		90-150				2.10		
41046	4311	0-45	37	13	50	0.50	10	V ₂ 2
41047		45-90	35	8	57	0.82	15	
41048		90-150				2.50		
41049	4312	0-45	37	11	52	0.66	13	V ₄ 3a
41050		45-90	35	10	55	1.20	19	
41051		90-150				3.90		
41052	4313	0-45	45	12	42	0.40	6	V ₂ 31
41053		45-90	47	11	42	2.60	14	
41054		90-150				1.85		
41058	4314	0-45	37	8	55	0.15	14	V ₄ 3a
41059		45-90	40	10	50	0.64	22	
41060		90-150				2.00		
41061	4315	0-45	25	20	55	0.54	12	V ₄ 3a
41062		45-90	32	11	57	2.20	20	
41063		90-150				2.60		
41064	4316	0-45	35	10	55	0.40	11	V ₄ 3a
41065		45-90	32	11	57	1.50	19	
41066		90-150				3.40		
41067	4317	0-45	35	10	55	0.45	14	V ₄ 3a
41068		45-90	35	8	57	0.66	20	
41069		90-150				5.60		
41070	4318	0-45	40	8	52	0.40	10	V ₄ 3a
41071		45-90	37	11	52	1.70	21	
41072		90-150				5.50		
41073	4319	0-45	47	11	42	0.20	7	V ₂ 31
41074		45-90	40	10	50	0.61	11	
41075		90-150				1.90		
41076	4320	0-45	40	8	52	0.42	9	V ₄ 3a
41077		45-90	42	8	50	0.96	15	
41078		90-150				2.90		
41079	4321	0-45	35	13	52	0.66	13	V ₄ 3a
41080		45-90	37	13	50	1.90	21	
41081		90-150				2.90		
41082	4322	0-45	35	13	52	0.18	12	V ₄ 3a
41083		45-90	37	8	55	1.25	16	
41084		90-150				3.10		

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.			
41085	4323	0-45	40	10	50	0.56	10	V ₂ 3a
41086		45-90	37	8	55	1.75	18	
41087		90-150				5.40		
41088	4324	0-45	40	10	50	0.56	12	V ₂ 3a
41089		45-90	32	11	57	2.00	18	
41090		90-150				2.20		
41091	4325	0-45	32	8	60	0.50	10	V ₄ 3a
41092		45-90	32	8	60	1.40	17	
41093		90-150				2.00		
41094	4326	0-45	42	8	50	0.40	6	V ₂ 2
41095		45-90	40	8	52	1.40	11	
41096		90-150				2.20		
41097	4327	0-45	37	12	50	0.50	11	V ₄ 3a
41098		45-90	35	10	55	1.50	10	
41099		90-150				5.00		
41100	4328	0-45	32	11	57	0.50	11	V ₄ 3a
41101		45-90	22	11	57	2.00	16	
41102		90-150				2.20		
41103	4329	0-45	40	10	50	0.40	12	V ₄ 3a
41104		45-90	25	20	55	1.00	20	
41105		90-150				5.00		
41106	4330	0-45	40	10	50	0.44	13	V ₄ 3a
41107		45-90	22	11	57	0.52	21	
41108		90-150				4.90		
41109	4331	0-45	37	11	52	0.50	21	NV ₄ 6a
41110		45-90	30	10	60	2.00	26	
41111		90-150				6.00		
41112	4332	0-45	42	11	47	0.95	11	V ₂ 3a1
41113		45-90	27	11	52	2.40	19	
41114		90-150				5.20		
41115	4333	0-45	37	12	50	0.64	16	NV ₂ 4a
41116		45-90	30	12	57	2.20	25	
41117		90-150				5.00		
41118	4334	0-45	27	11	52	0.27	12	V ₄ 3a
41119		45-90	37	11	52	0.00	18	
41120		90-150				5.00		
41121	4335	0-45	57	6	37	0.34	3	V ₂ 31
41122		45-90	52	6	42	0.26	3	
41123		90-150				0.46		
41124	4336	0-45	25	16	49	0.50	17	NV ₂ 6a
41125		45-90	40	11	49	1.20	23	
41126		90-150				4.50		

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.			
41127	4337	0-45	42	11	47	0.55	15	V ₂ 3a1
41128		45-90	32	11	57	2.50	19	
41129		90-150				5.00		
41130	4338	0-45	17	9	14	0.46	10	V ₂ 3a1
41131		45-90	42	11	47	0.84	21	
41132		90-150				1.00		
41133	4339	0-45	38	65	3	0.34	7	E 41
41134		45-90	61	55	6	0.86	13	
41135		90-150				2.10		
41136	4340	0-45	41	55	8	1.55	26	NV ₂ 6a
41137		45-90	47	11	12	6.00	26	
41138		90-150				8.00		
41139	4341	0-45	40	8	52	0.51	13	V ₄ 3a
41140		45-90	37	10	54	1.30	21	
41141		90-150				5.10		
41142	4342	0-45	45	11	44	0.48	17	NV ₂ 6a
41143		45-90	40	11	49	2.20	28	
41144		90-150				6.50		
41145	4343	0-45	45	18	47	0.66	18	NV ₂ 6a
41146		45-90	40	18	52	1.50	23	
41147		90-150				6.10		
41148	4344	0-45	37	11	52	0.51	16	NV ₁ 1a
41149		45-90	37	11	52	2.50	25	
41150		90-150				5.10		
41151	4345	0-45	42	9	49	0.80	18	NV ₂ 6a
41152		45-90	37	11	52	5.00	24	
41153		90-150				5.80		
41154	4346	0-45	40	11	49	0.50	19	NV ₂ 6a
41155		45-90	40	8	52	2.70	22	
41156		90-150				5.00		
41157	4347	0-45	55	8	37	0.60	21	NV ₂ 6a
41158		45-90	12	11	47	3.60	25	
41159		90-150				6.00		
41160	4348	0-45	17	16	37	0.70	12	V ₂ 3a1
41161		45-90	45	11	41	2.10	18	
41162		90-150				2.60		
41163	4349	0-45	50	11	39	1.15	25	NV ₂ 6a
41164		15-90	12	11	41	7.00	29	
41165		90-150				7.90		
41166	4350	0-45	52	9	39	2.00	22	NV ₂ 6a
41167		45-90	42	9	49	7.20	25	
41168		90-150				5.00		

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-.002 mm.	Clay .002 mm.			
41169	4351	0-45	55	18	37	1.00	38	NV ₂ 6a
41170		45-90	45	11	44	8.00	38	
41171		90-150		11		8.10		
41172	4352	0-45	55	13	32	2.40	25	E 6as
41173		45-90	55	11	34	8.10	27	
41174		90-150				8.00		
41176	4353	0-45	65	8	27	1.10	22	E 6a
41177		45-90	52	11	27	4.40	27	
41178		90-150				7.20		
41179	4354	0-45	50	11	20	0.85	24	NV ₂ 6a
41180		45-90	40	11	40	5.00	22	
41181		90-150				7.10		
41182	4355	0-45	42	11	47	0.54	18	NV ₂ 6a
41183		45-90	40	11	40	1.60	27	
41184		90-150				5.70		
41185	4356	0-45	42	11	47	0.54	16	NV ₂ 6a
41186		45-90	27	11	52	2.50	26	
41187		90-150				7.00		
41188	4357	0-45	40	12	47	1.50	20	NV ₂ 6a
41189		45-90	7	11	52	5.00	28	
41190		90-150				6.10		
41191	4358	0-45	40	11	49	1.45	28	NV ₂ 6a
41192		45-90	40	11	49	6.20	26	
41193		90-150				7.70		
41194	4359	0-45	60	0	32	0.62	11	E 6a
41195		45-90	47	0	44	3.00	36	
41196		90-150				6.00		
41197	4360	0-45	32	14	54	0.76	22	NV ₁ 6a
41198		45-90	25	10	52	5.00	20	
41199		90-150				5.20		
41200	4361	0-45	47	0	44	0.60	22	NV ₂ 6a
41201		45-90	42	11	47	1.14	28	
41202		90-150				5.80		
41203	4362	0-45	27	11	52	0.66	18	NV ₁ 6a
41204		45-90	42	11	47	3.40	24	
41205		90-150				6.20		
41206	4363	0-45	40	11	40	0.50	22	NV ₂ 6a
41207		45-90	25	11	54	2.40	22	
41208		90-150				5.00		
41209	4364	0-45	45	11	44	0.72	14	V ₂ 6a
41210		45-90	45	8	47	3.80	26	
41211		90-150				5.20		

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.			
41212	4365	0-45	37	11	52	0.42	13	V ₄ 6a
41213		45-90	37	0	54	2.20	25	
41214		90-150				5.10		
41215	4366	0-45	40	11	49	0.60	14	V ₂ 6a
41216		45-90	40	8	52	2.60	27	
41217		90-150				6.10		
41218	4367	0-45	47	9	44	0.25	5	V ₂ 31
41219		45-90	47	9	44	0.85	12	
41220		90-150				2.00		
41221	4368	0-45	47	11	42	0.65	12	V ₂ 2a1
41222		45-90	42	9	49	5.00	19	
41223		90-150				6.20		
41224	4369	0-45	40	8	52	1.00	12	V ₄ 3a
41225		45-90	37	14	49	4.60	18	
41226		90-150				5.30		
41227	4370	0-45	56	7	37	5.40	23	NV ₁ 6as
41228		45-90	31	10	59	8.20	40	
41229		90-150				6.50		
41230	4371	0-45	66	10	24	0.44	13	E 6a
41231		45-90	81	5	14	0.35	36	
41232		90-150				0.52		
41233	4372							E 6a
41234								
41235								
41236	4373	0-45	41	12	47	3.00	15	NV ₂ 6a
41237		45-90	23	15	62	4.80	40	
41238		90-150				2.30		
A 41239	4374	0-45	33	18	49	0.65	27	NV ₂ 6a
A 41240		45-90	26	15	59	4.20	54	
A 41241		90-150	61	7	32	3.30	58	
41507	4461	0-45	42	17	41	2.40	21	
41508		45-90	30	21	49	8.00	50	NV ₂ 6a
41509		90-150				6.00		
41510	4462	0-45	53	8	39	1.50	20	NV ₂ 6as
41511		45-115	46	13	41	9.00	33	
41512	4463	0-45	59	10	31	2.00	22	E 6a
41513		45-90	54	8	38	6.20	31	
41514		90-150				8.00		
41495	4457	0-45	57	10	33	1.20	24	E 6a
41496		45-90	34	15	51	5.80	24	
41497		90-150				3.30		
41498	4458		48	18	34	6.00	33	E 6a
41499			39	15	46	8.00	45	
41500						2.80		

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.			
41501	4459	49	49	13	38	0.50	14	V ₂ 6a
41502		46	46	11	43	1.70		
41503						6.20		
41504	4460	46	46	8	46	2.80	23	NV ₂ 6as
41505		37	37	17	46	12.00		
41506						13.6		
50758	5229	49	49	18	33	2.70	31	E 6a
50759		34	34	16	50	7.00		
50760						6.50		
50761	5230	51	51	11	38	1.40	0	V ₂ 3a1
50762		46	46	10	44	6.50		
50763						7.20		
50764	5231	49	49	8	43	3.00	25	NV ₂ 6a
50765		51	51	0	40	1.50		
50766						2.50		
50767	5232	41	41	14	45	0.84	23	NV ₂ 6a
50768		29	29	16	55	5.10		
50769						2.60		
50770	5233	34	34	16	50	2.40	19	NV ₂ 6a
50771		24	24	18	58	5.00		
50772						2.90		
50773	5234	46	46	11	43	1.24	22	NV ₂ 6a
50774		39	39	3	58	8.00		
50775						7.80		
50776	5235	44	44	8	48	0.90	18	NV ₂ 6a
50777		34	34	11	55	6.20		
50778						7.00		
50779	5236	34	34	21	45	4.50	21	NV ₁ 6a
50780		24	24	26	50	12.00		
50781						8.90		
50782	5237	46	46	11	43	1.10	23	NV ₂ 6a
50783		24	24	18	58	5.80		
50784						4.20		
50785	5238	37	37	8	55	1.04	22	NV ₄ 6a
50786		24	24	16	60	7.50		
50787						6.00		
50788	5239	39	39	14	47	0.95	14	V ₂ 3a1s
50789		34	34	14	52	5.80		
50790						7.00		
50791	5240	47	47	11	42	2.50	16	NV ₂ 6a
50792		34	34	14	52	8.00		
50793						5.80		

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.			
50794	5241	29	19	52	3.50	8	V ₄ 6a	
50795		28	19	53	7.90	27		
50796					8.20			
50797	5242	27	21	42	5.00	20	NV ₁ 6a	
50798		27	33	40	6.50	21		
50799					4.40			
50800	5243	42	11	47	0.75	17	NV ₂ 6a	
50801		32	11	57	5.80	21		
50802					6.70			
50803	5244	47	8	45	0.84	14	V ₂ 31	
50804		34	16	50	4.20	14		
50805					5.20			
50806	5245	29	16	55	5.30	21	NV ₃ 6as	
50807		22	26	52	9.00	27		
50808					7.90			
50809	5246	37	13	50	2.70	21	NV ₂ 6a	
50810		32	13	55	6.80	31		
50811					4.00			
50812	5247	29	11	50	1.70	25	NV ₂ 6as	
50813		34	14	52	8.50	28		
50814					8.70			
50815	5248	42	11	47	2.30	19	NV ₂ 6a	
50816		37	13	50	7.00	22		
50817					6.80			
50818	5249	37	13	50	1.65	20	NV ₂ 6a	
50819		27	16	57	8.00	20		
50820					6.00			
50821	5250	39	11	50	2.70	19	NV ₂ 4a	
50822		34	16	50	6.50	11		
50823					6.00			
50824	5251	44	11	45	1.10	11	V ₂ 3as1	
50825		37	11	52	6.00	18		
50826					5.70			
50827	5252	39	14	47	0.64	8	V ₂ 31	
50828		37	11	52	4.50	8		
50829					6.80			
50830	5253	42	11	47	1.44	12	V ₂ 3as1	
50831		49	9	42	8.00	20		
50832					8.10			
50833	5254	44	14	42	0.80	17	NV ₂ 3as1	
50834		37	11	52	7.90	20		
50835					4.80			

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.			
50836	5255		39	14	47	1.15	6	V ₂ 31
50837			34	11	55	4.60	11	
50838						5.80		
50839	5256		47	9	48	1.35	8	V ₂ 3as1
50840			29	11	60	5.90	17	
50841						6.95		
50842	5257		27	11	62	0.06	14	V ₄ 6a
50843			39	11	50	8.00	25	
50844						8.10		
50849	5258		44	19	37	7.80	16	NV ₁ 6as
50850			32	18	50	7.20	29	
50851						1.90		
50852	5259		44	11	47	7.00	8	V ₁ 6s
50853			37	11	52	7.00	20	
50854						7.20		
50855	5260		37	8	55	1.20	11	V ₃ 4a
50856			37	11	52	6.80	23	
50857						7.20		
50858	5261		34	14	52	3.40	21	NV ₄ 6as
50859			24	14	62	8.50	20	
50860						8.30		
50865	5262		29	14	57	5.20	16	NV ₃ 4a
50866			29	14	57	7.10	23	
50867						5.00		
50868	5263		43	12	45	1.10	22	NV ₂ 6a
50869			37	11	52	6.00	19	
50870						5.80		
50871	5264		42	11	47	0.90	18	NV ₂ 6a
50872			29	11	60	6.90	22	
50873						7.10		
50874	5265		42	8	50	1.60	18	NV ₂ 3as
50875			34	11	55	7.60	19	
50876						6.70		
50877	5266		39	35	35	7.10	26	NV ₁ 6as
50878			51	25	24	5.10	25	
50879						4.00		
50880	5267		56	10	34	1.20	15	E 41
50881			78	5	17	4.00	12	
50882						2.80		
50883	5268		38	13	49	5.20	15	NV ₁ 6as
50884			36	17	47	8.20	29	
50885						7.00		

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.			
50886	5269	43	10	47	2.30	19	NV ₂ 6a	
50887		31	10	59	6.80	17		
50888					6.10			
50889	5270	43	13	44	6.80	26	NV ₁ 6as	
50890		33	20	47	8.80	30		
50891					8.10			
50892	5271	43	10	47	1.05	19	NV ₂ 6a	
50893		26	12	62	7.10	22		
50894					7.50			
50895	5272	28	13	59	7.40	22	NV ₃ 6as	
50896		26	12	62	7.00	24		
50897					1.94			
50898	5273	33	13	54	1.08	14	V ₄ 3a	
50899		36	12	52	5.20	18		
50900					3.70			
50901	5274	41	12	47	1.80	20	NV ₂ 6a	
50902		38	15	47	4.20	24		
50903					2.50			
50904	5275	31	12	57	5.50	28	NV ₃ 6as	
50905		33	10	57	7.10	26		
50906					1.60			
50907	5276	43	8	49	4.40	15	NV ₁ 6as	
50908		31	12	57	8.10	25		
50909					7.20			
50914	5277	31	17	52	7.80	29	NV ₃ 6as	
50915		26	20	54	7.00	31		
50916					4.60			
50917	5278	31	12	57	1.04	13	V ₄ 3as	
50918		18	15	67	7.00	20		
50919					8.10			
50920	5279	26	10	64	0.89	10	V ₄ 3as	
50921		28	10	62	6.00	20		
50922					7.00			
50923	5280	36	12	52	2.20	8	V ₄ 3s	
50924		31	10	59	6.80	12		
50925					7.10			
50926	5281	28	13	59	1.00	7	V ₄ 3as	
50927		31	10	59	5.80	16		
50928					7.00			
50929	5282	33	10	57	1.06	9	V ₄ 3as	
50930		26	12	62	5.80	19		
50931					6.10			

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.			
50932	5283		23	13	64	6.00	16	NV ₃ 6s
50933			28	10	67	2.80	16	
50934						1.05		
50935	5284		28	10	62	0.80	12	V ₄ 3as
50936			26	7	67	6.00	16	
50937						6.90		
50938	5285		33	15	52	2.80	19	NV ₄ 4a
50939			21	17	62	8.00	19	
50940						7.60		
50941	5286		43	8	49	0.70	11	V ₂ 3l
50942			38	8	54	4.50	12	
50943						5.80		
50944	5287		38	10	52	1.10	18	NV ₄ 4a
50945			23	13	64	7.80	21	
50946						7.20		
50947	5288		33	18	49	3.00	30	NV ₂ 6as
50948			28	10	62	9.30	25	
50949						8.80		
50953	5289		36	7	57	5.00	16	NV ₃ 4a
50954			41	5	54	5.80	14	
50955						1.50		
50956	5290		33	10	57	0.84	12	V ₄ 3s
50957			26	10	64	5.80	13	
50958						4.50		
50959	5291		31	10	59	0.90	10	V ₄ 2
50960			31	10	59	5.20	12	
50961						4.00		
50962	5292		28	14	58	1.15	12	V ₄ 2a
50963			23	13	64	3.20	16	
50964						4.00		
50965	5293		28	10	62	0.85	13	V ₄ 3a
50966			28	10	62	5.10	16	
50967						5.30		
50968	5294		32	11	57	0.90	9	V ₄ 2
50969			30	15	55	2.20	12	
50970						3.00		
50971	5295		35	12	53	1.00	10	V ₄ 2
50972			26	12	62	5.20	15	
50973						5.50		
50974	5296		26	12	62	1.30	14	V ₄ 3as
50975			25	15	60	5.80	15	
50976						3.60		

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.			
50977	5297		46	10	44	0.84	17	NV ₂ 6a
50978			44	10	46	6.00	25	
50979						6.20		
50980	5298		46	10	44	0.74	16	NV ₂ 6a
50981			33	13	54	6.00	22	
50982						6.80		
50983	5299		31	13	56	5.80	27	NV ₃ 6as
50984			31	13	56	5.20	26	
50985						0.80		
50986	5300		44	10	46	0.88	20	NV ₂ 6a
50987			36	10	54	5.10	26	
50988						7.00		
50989	5301		44	10	46	0.84	20	NV ₂ 6a
50990			36	10	54	6.80	22	
50991						6.20		
50992	5302		44	12	44	0.80	21	NV ₂ 6a
50993			33	11	56	6.00	21	
50994						5.40		
50995	5303		46	10	44	0.84	16	NV ₂ 6a
50996			51	10	39	6.20	27	
50997						6.70		
50998	5304		46	13	41	1.15	16	NV ₂ 3a1
50999			36	13	51	5.10	18	
51000						5.30		
51001	5305		36	10	54	0.81	20	NV ₄ 4a
51002			28	11	61	6.00	25	
51003						6.10		
51004	5306		41	20	39	0.60	13	V ₂ 3a1
51005			38	11	51	3.00	19	
51006						5.00		
51007	5307		46	10	44	0.46	10	V ₂ 3a1
51008			48	8	44	2.00	23	
51009						5.00		
51010	5308		48	11	41	0.50	13	V ₂ 3a1
51011			36	13	51	4.30	17	
51012						5.50		
51013	5309		43	13	44	0.82	23	NV ₂ 6a
51014			43	6	51	6.80	29	
51015						7.10		
51019	5310		36	13	51	1.35	20	NV ₄ 6a
51020			28	13	59	6.00	29	
51021						8.60		

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.			
51022	5311		38	13	49	1.16	20	NV ₂ 6a
51023			28	16	56	5.40	25	
51024						6.90		
51025	5312		21	18	61	1.80	19	NV ₄ 6a
51026			37	14	49	7.10	32	
51027						7.90		
51028	5313		47	12	41	1.30	22	NV ₂ 6a
51029			28	16	56	8.10	29	
51030						7.80		
51031	5314		36	13	51	0.80	20	NV ₄ 6a
51032			28	16	56	5.00	26	
51033						5.30		
51034	5315		40	14	46	0.80	20	NV ₂ 6a
51035			37	14	49	7.00	28	
51036						7.10		
51037	5316		36	23	51	1.50	22	NV ₄ 6a
51038			47	12	41	8.00	35	
51039						7.90		
51040	5317		40	11	49	3.20	17	NV ₂ 6a
51041			40	11	49	8.00	35	
51042						7.20		
51043	5317		42	9	49	1.70	16	NV ₂ 6a
51044			25	11	54	5.90	23	
51045						6.00		
51046	5318		47	12	41	1.00	18	NV ₂ 6a
51047			40	11	49	6.20	27	
51048						5.90		
51049	5320		37	12	51	0.72	13	NV ₄ 3a
51050			35	11	54	4.40	20	
51051						3.80		
51052	5321		32	14	54	1.10	15	NV ₄ 4a
51053			28	13	59	6.80	21	
51054						5.20		
51055	5322		47	12	41	1.30	25	NV ₂ 6a
51056			40	11	49	7.20	36	
51057						6.00		
51058	5323		50	11	39	1.10	22	NV ₂ 6a
51059			45	11	44	7.90	31	
51060						8.10		
51061	5324		47	9	44	3.40	26	NV ₂ 6a
51062			38	13	49	8.00	36	
51063						8.20		
51064	5325		51	8	41	1.80	23	NV ₂ 6a
51065			41	13	46	7.00	33	
51066						8.00		

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.			
51067	5326		48	11	41	3.20	10	V ₂ 6a
51068			43	13	44	7.20	30	
51069						7.90		
51070	5327		46	10	46	7.20	27	NV ₁ 6as
51071			41	10	49	8.20	27	
51072						2.90		
51073	5328		41	13	46	3.10	24	NV ₂ 6as
51074			36	15	49	8.10	34	
51075						7.50		
51076	5329		43	13	44	1.10	30	NV ₂ 6a
51077			38	13	49	7.20	37	
51078						8.00		
51079	5330		46	13	41	2.10	20	NV ₂ 6a
51080			38	11	51	3.00	20	
51081						6.20		
51082	5331		38	13	49	0.62	14	V ₂ 3a1
51083			38	13	49	4.40	20	
51084						6.10		
51085	5332		41	13	46	0.75	21	NV ₂ 6a
51086			41	10	40	4.20	20	
51087						5.70		
51088	5333		31	15	54	0.72	14	V ₄ 3a
51089			33	12	56	4.60	21	
51090						6.00		
51091	5334		33	16	51	0.55	9	V ₄ 2
51092			31	13	56	4.30	14	
51093						5.90		
51094	5335		36	13	51	3.70	24	NV ₄ 6a
51095			43	11	46	1.10	10	
51096						6.00		
51097	5336		35	12	53	0.60	20	NV ₄ 6a
51098			35	12	53	2.50	29	
51099						6.00		
51100	5337		32	15	53	0.92	19	NV ₄ 4a
51101			30	12	58	3.80	21	
51102						5.30		
51103	5338		42	10	48	0.72	14	V ₂ 6a
51104			30	12	58	5.50	25	
51105						5.80		
51107	5339		35	17	48	0.85	16	NV ₂ 6a
51108			35	12	53	6.00	22	
51109						6.50		

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.			
51110	5340		37	12	51	1.14	21	NV ₄ 6a
51111			35	12	53	6.50	26	
51112						7.10		
51113	5341		40	12	48	0.96	23	NV ₂ 6a
51114			42	12	46	6.50	28	
51115						1.70		
51116	5342		40	12	48	0.90	18	NV ₂ 6a
51117			40	12	48	4.60	25	
51118						5.10		
51119	5343		32	15	53	0.76	19	NV ₄ 4a
51120			33	11	56	7.80	22	
51121						5.50		
51122	5344		35	12	53	0.75	19	NV ₄ 4a
51123			35	9	56	5.00	25	
51124						4.90		
51125	5345		17	17	66	3.40	22	NV ₄ 6a
51126			27	10	63	3.90	23	
51127						1.10		
51128	5346		35	9	56	0.90	21	NV ₄ 6a
51129			30	12	58	4.50	25	
51130						6.90		
51131	5347		35	12	53	1.20	17	NV ₄ 3a
51132			27	12	61	4.20	20	
51133						6.00		
51137	5348		37	12	51	2.8	18	NV ₄ 4a
51138			37	12	51	5.9	23	
51139						5.3		
51143	5349		32	12	56	1.05	22	NV ₄ 6a
51144			31	14	55	6.80	28	
51145						5.60		
51146	5350		56	11	33	1.00	19	E 6a
51147			46	8	46	11.60	45	
51148						5.00		
51149	5351		59	5	36	1.00	16	NV ₂ 6a
51150			44	10	46	7.60	35	
51151						9.10		
51153	5352		64	5	31	1.30	29	E 6a
51153			39	10	51	6.10	32	
51154						4.50		
51155	5353		61	8	31	0.85	68	E 6a
51156			56	6	38	2.40	28	
51157						2.20		

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.			
51158	5354	34	13	53	0.60	21	NV ₄ 6a	
51159		39	10	51	3.60	21		
51160						5.40		
51161	5355	41	11	48	0.85	17	NV ₂ 6a	
51162		46	13	41	5.20	17		
51163						3.40		
51164	5356	39	10	51	1.20	27	NV ₄ 6a	
51165		44	10	46	5.80	41		
51166						3.40		
51167	5357	44	10	46	2.10	11	V ₂ 6a	
51168		36	13	51	5.80	28		
51169						5.60		
52582	5757	62	9	29	0.55	27	E 6a	
52583		44	12	44	4.50	27		
52584						5.00		
52585	5758	52	12	36	1.30	33	NV ₂ 6a	
52586		44	15	41	6.40	35		
52587						9.00		
52588	5759	49	10	41	1.10	28	NV ₂ 6a	
52589		44	12	44	6.20	25		
52590						6.20		
52591	5760	44	22	39	1.60	16	NV ₂ 6a	
52592		42	12	46	3.60	19		
52593						3.20		
52594	5761	41	13	46	0.40	8	V ₂ 31	
52595		20	8	72	5.20	13		
52596						3.80		
52597	5762	41	18	41	0.52	24	NV ₂ 6a	
52598		36	15	49	4.50	31		
52599						7.00		
52600	5763	28	14	58	0.58	17	NV ₄ 4a	
52601		26	11	63	4.00	22		
52602						4.60		
52603	5764	21	34	45	0.55	13	V ₂ 3a1	
52604		33	12	55	2.00	16		
52605						3.60		
52606	5765	28	14	58	0.80	17	NV ₄ 4a	
52607		20	9	70	3.10	17		
52608						3.40		
52609	5766	26	14	60	0.60	16	NV ₄ 4a	
52610		13	14	73	3.60	14		
52611						5.00		

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-.002 mm.	Clay .002 mm.			
52612	5767		23	14	63	0.95	19	NV ₄ 4a
52613			18	14	68	5.40	25	
52614						5.80		
52615	5768		33	14	53	1.10	15	V ₄ 3a
52616			31	14	55	4.20	19	
52617						6.00		
52618	5769		31	14	55	1.00	16	NV ₄ 4a
52619			28	14	58	2.40	22	
52620						6.80		
52621	5770		31	14	55	1.00	20	NV ₄ 4a
52622			23	14	63	4.50	24	
52623						5.40		
52624	5771		31	14	55	0.88	14	V ₄ 3a
52625			31	11	58	3.30	18	
52626						4.80		
52627	5772		27	14	59	0.62	12	V ₄ 3a
52628			30	11	59	2.20	18	
52629						3.80		
52633(1)	5773		30	14	56	0.75	14	V ₄ 3a
52634(1)			37	12	51	4.20	23	
52635(1)						5.00		
52633(2)	5774		40	14	46	0.38	16	NV ₂ 6a
52634(2)			32	14	54	0.95	22	
52635(2)			35			2.00		
52636	5775		35	14	51	0.65	16	NV ₄ 6a
52637			37	12	51	1.30	28	
52638						4.50		
60570	6180		45	12	43	1.20	17	NV ₂ 3a1
60571			30	14	56	4.35	15	
60572						6.80		
60577	6181		45	14	41	2.40	25	NV ₂ 6as
60578			40	14	46	9.00	35	
60579						9.10		
60580	6182		47	12	41	1.10	18	NV ₂ 6a
60581			27	15	58	7.60	33	
60582						5.10		
60583	6183		37	12	51	5.40	18	NV ₃ 6as
60584			35	14	51	7.20	27	
60585						7.50		
60586	6184		42	12	46	1.16	28	NV ₂ 6a
60587			30	14	56	8.00	31	
60588						8.20		

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.			
60589	6185		48	9	43	0.60	15	NV ₂ 31
60590			42	10	48	4.50	14	
60591						6.00		
60592	6186		60	7	33	1.18	20	E 6a
60593			45	9	46	7.20	24	
60594						7.90		
60595	6187		47	10	43	0.90	31	NV ₂ 6as
60596			37	12	51	8.60	33	
60597						9.10		
60598	6188		45	12	43	2.70	26	NV ₂ 6as
60599			37	12	51	8.60	37	
60600						8.10		
60601	6189		45	9	46	1.85	13	V ₂ 3als
60602			37	10	53	7.10	23	
60603						8.10		
60608	6190		47	10	43	0.72	21	NV ₂ 6a
60609			37	15	48	7.50	32	
60610						9.00		
60611	6191		45	9	46	1.02	22	NV ₂ 6a
60612			42	10	48	6.00	30	
60613						7.10		
60614	6192		40	12	48	0.66	20	NV ₂ 6a
60615			40	12	48	6.20	33	
60616						7.80		
60617	6193		42	12	46	1.24	20	NV ₂ 6a
60618			40	12	48	6.10	24	
60619						5.10		
60620	6194		50	12	38	1.65	21	NV ₂ 6a
60621			40	12	48	6.90	26	
60622						7.00		
60623	6195		42	10	48	0.90	18	NV ₂ 6a
60624			30	12	58	6.50	25	
60625						6.80		
60626	6196		45	9	46	0.78	22	NV ₂ 6a
60627			40	9	51	6.10	23	
60628						7.00		
60629	6197		50	9	41	1.92	36	NV ₂ 6as
60630			37	12	51	9.20	34	
60631						9.00		
60636	6198		49	9	42	0.88	20	NV ₂ 6a
60637			37	14	49	5.20	30	
60638						6.70		

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-.002 mm.	Clay .002 mm.			
60639	6199		42	11	47	1.00	19	NV ₂ 6a
60640			47	10	43	2.40	27	
60641						6.10		
60642	6200		37	16	47	0.60	19	NV ₂ 6a
60643			34	14	52	2.30	29	
60644						3.50		
60645	6201		42	12	46	0.92	21	NV ₂ 6as
60646			29	14	57	8.10	31	
60647						8.00		
60648	6202		40	12	48	1.00	18	NV ₂ 6a
60649			32	12	56	7.00	25	
60650						7.10		
60651	6203		40	12	48	0.80	15	V ₂ 6a
60652			39	12	49	5.40	26	
60653						7.00		
60654	6204		42	12	46	1.50	19	NV ₂ 6as
60655			29	14	57	9.20	37	
60656						9.00		
60657	6205		40	12	48	6.10	23	NV ₁ 6as
60658			25	14	61	12.00	34	
60659						8.00		
60660	6206		45	12	43	2.60	24	NV ₂ 6as
60661			40	12	48	8.10	34	
60662						9.00		
60663	6207		27	15	58	1.20	14	V ₄ 3as
60664			35	12	53	6.80	22	
60665						7.70		
60666	6208		35	12	53	0.59	8	V ₄ 2
60667			34	12	54	4.20	14	
60668						5.80		
60669	6209		42	11	47	0.84	15	NV ₂ 3as1
60670			40	9	51	6.00	20	
60671						6.00		
60672	6210		47	15	38	0.90	9	V ₂ 3a1
60673			44	12	44	5.00	21	
60674						6.90		
60675	6211		47	10	43	0.80	11	V ₂ 3as1
60676			35	12	53	5.60	19	
60677						7.10		
60678	6212		40	9	51	0.88	17	NV ₄ 6a
60679			35	9	56	5.80	26	
60680						7.00		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			E.C. mmhos/cm. at 25°C.	S.S.P.	Land & Soil Class.
			Sand 2.0 - .02 mm.	Silt .02 - 0.002 mm.	Clay .002 mm.			
60681	6213		37	14	49	1.28	18	NV ₂ 6a
60682			32	14	54	7.10	25	
60683						8.00		
60684	6214		37	15	48	2.50	19	NV ₂ 6a
60685			32	17	51	8.00	26	
60686						8.00		
60687	6215		42	17	41	1.35	22	NV ₂ 6a
60688			35	17	48	7.10	26	
60689						6.80		
60690	6216		39	12	49	0.75	18	NV ₂ 6a
60691			42	11	47	2.00	23	
60692						6.80		
60697	6217		39	12	49	1.70	25	NV ₂ 6a
60698			43	14	43	6.70	13	
60699						8.50		
60704	6218		56	7	37	4.60	14	V ₁ 6as
60705			32	14	54	11.80	34	
60706						9.10		
60707	6219		52	11	37	4.60	17	NV ₁ 6a
60708			37	11	52	5.80	31	
60709						6.70		
60710	6220		28	20	52	0.80	38	NV ₄ 6as
60711			29	17	54	9.30	35	
60712						9.60		
60713	6221		42	9	49	1.36	19	NV ₂ 6s
60714			34	9	57	8.20	25	
60715						9.00		
60716	6222		34	14	52	0.92	18	NV ₄ 4a
60717			32	11	57	5.00	25	
60718						7.00		
60719	6223		42	14	44	0.88	19	NV ₂ 6a
60720			31	14	55	6.80	24	
60721						7.00		
60722	6224		39	12	49	8.00	4	V ₁ 6as
60723			27	11	62	1.75	30	
60724						8.20		
60725	6225		49	9	42	3.20	6	V ₂ 6a
60726			43	12	45	7.50	35	
60727						9.20		
60728	6226		41	10	49	0.90	13	V ₂ 3als
60729			37	11	52	6.00	24	
60730						7.50		

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.			
60731	6227		39	12	49	1.02	23	NV ₂ 6a
60732			24	17	59	8.00	26	
60733						8.20		
60738	6228		42	14	44	1.04	14	V ₂ 6a
60739			38	12	50	6.80	25	
60740						7.80		
60741	6229		45	6	49	0.78	10	V ₂ 3als
60742			41	11	48	6.10	23	
60743						9.00		
60744	6230		47	11	42	0.65	9	V ₂ 6a
60745			45	8	47	4.10	39	
60746						6.10		
60747	6231		47	11	42	2.20	1	V ₂ 3sl
60748			45	11	44	4.60	12	
60749						9.00		
60750	6232		53	12	35	2.20	22	NV ₂ 6as
60751			46	11	43	9.40	35	
60752						12.00		
60753	6233		53	14	33	4.80	17	E 6as
60754			26	21	53	8.10	32	
60755						1.75		
60756	6234		53	9	38	1.75	18	NV ₂ 6a
60757			28	13	59	6.90	4	
60758						6.80		
60759	6235		53	12	35	1.60	16	NV ₂ 6a
60760			43	12	45	8.00	27	
60761						6.50		
60762	6236		41	14	45	1.84	20	NV ₂ 6as
60763			28	14	58	9.75	28	
60764						9.30		
60765	6237		51	11	38	0.50	4	V ₂ 3al
60766			51	6	43	0.72	15	
60767						1.90		
60768	6238		36	11	53	0.65	8	V ₄ 3a
60769			26	14	60	5.10	21	
60770						7.50		
60771	6239		33	17	50	5.80	26	NV ₁ 6as
60772			23	29	48	8.00	46	
60773						6.50		
60774	6240		43	12	45	1.45	18	NV ₂ 6as
60775			33	9	58	8.80	28	
60776						9.00		

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.			
60777	6241		43	12	45	1.50	8	V ₂ 3als
60778			43	9	48	7.20	24	
60779						7.90		
60780	6242		38	12	50	0.92	18	NV ₂ 6a
60781			38	12	50	6.90	27	
60782						7.80		
60783	6243		38	14	21	3.20	22	NV ₂ 6a
60784			28	14	58	7.20	24	
60785						6.10		
60786	6244		38	12	50	1.70	19	NV ₂ 4a
60787			26	11	63	7.50	22	
60788						6.10		
60789	6245		33	9	58	1.20	13	V ₄ 3a
60790			31	11	58	5.00	21	
60791						7.10		
60792	6246		38	17	45	2.20	25	NV ₂ 6as
60793			31	16	53	9.00	33	
60794						7.50		
60795	6247		33	24	43	5.80	23	NV ₁ 6as
60796			28	24	48	6.80	25	
60797						5.20		
60798	6248		41	11	48	3.10	13	V ₂ 6a
60799			33	17	50	6.20	27	
60800						6.20		
60801	6249		38	14	48	1.06	20	NV ₂ 6a
60802			31	14	55	7.20	25	
60803						7.20		
60804	6250		41	14	45	2.70	18	NV ₂ 6a
60805			33	14	53	8.00	34	
60806						7.95		
60807	6251		38	12	50	2.00	19	NV ₂ 6a
60808			31	14	55	7.00	33	
60809						7.00		
60810	6252		41	11	48	6.90	26	NV ₁ 6as
60811			31	14	55	8.50	31	
60812						7.50		
60813	6253		37	14	49	1.65	22	NV ₂ 6a
60814			22	19	59	8.00	22	
60815						7.20		
60820	6254		42	14	44	4.00	22	NV ₂ 6a
60821			32	14	54	7.10	22	
60822						6.20		

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.			
60823	6255		37	14	49	2.40	15	V ₂ 3as1
60824			30	16	54	5.90	18	
60825						5.30		
60826	6256		40	13	47	0.96	17	NV ₂ 6a
60827			40	11	49	5.80	20	
60828						3.80		
60829	6257		37	11	52	1.36	19	NV ₄ 4a
60830			30	11	59	7.60	20	
60831						8.00		
60832	6258		30	13	57	2.50	19	NV ₄ 6a
60833			27	16	57	8.00	39	
60834						7.10		
60835	6259		37	14	49	1.60	22	NV ₂ 6a
60836			27	16	57	6.00	24	
60837						7.10		
60838	6260		40	13	47	1.80	21	NV ₂ 6a
60839			30	13	57	8.00	12	
60840						7.80		
60841	6261		52	11	37	3.40	18	NV ₂ 6a
60842			35	11	54	7.10	27	
60843						7.90		
60844	6262		42	11	47	0.88	19	NV ₂ 6a
60845			40	13	47	5.80	25	
60846						4.50		
60847	6263		40	13	47	0.75	15	V ₂ 3als
60848			35	13	52	5.80	21	
60849						6.00		
60850	6264		37	14	49	4.00	15	NV ₂ 6as
60851			35	13	52	8.80	38	
60852						7.80		
60853	6265		47	11	42	0.96	20	NV ₂ 6a
60854			50	11	39	5.80	36	
60855						6.20		
60856	6266		47	11	42	0.58	22	NV ₂ 6a
60857			35	13	52	6.00	24	
60858						6.10		
60859	6267		42	19	39	6.20	23	NV ₁ 6as
60860			27	16	57	8.10	28	
60861						3.50		
60862	6268		42	12	47	2.00	29	NV ₂ 6a
60863			32	14	54	3.40	31	
60864						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.			
60865	6269		45	11	44	0.84	24	NV ₂ 6a
60866			35	8	57	4.20	22	
60867						2.20		
60868	6270		35	13	52	5.80	25	NV ₃ 6as
60869			35	11	54	5.10	28	
60870						1.00		
60871	6271		40	13	47	4.70	23	NV ₁ 6a
60872			27	16	57	7.30	17	
60873						6.90		
60874	6272		40	6	54	0.70	18	NV ₄ 4a
60875			35	13	52	6.10	24	
60876						6.60		
60877	6273		47	13	40	5.60	25	NV ₁ 6as
60878			27	21	52	7.50	28	
60879						6.20		
60880	6274		37	13	50	4.20	22	NV ₁ 6a
60881			22	19	59	7.80	30	
60882						5.20		
60883	6275		40	10	50	3.30	21	NV ₂ 6a
60884			37	13	50	7.10	25	
60885						7.40		
60889	6276		40	10	50	0.90	29	NV ₂ 6a
60890			30	13	57	6.10	37	
60891						7.00		
60892	6277		50	18	32	5.80	29	E 6as
60893			42	26	32	6.00	49	
60894						4.20		
60895	6278		39	14	47	1.20	24	NV ₂ 6a
60896			34	11	55	5.80	28	
60897						6.00		
60898	6279		46	12	42	0.76	16	NV ₂ 6a
60899			41	12	47	4.80	26	
60900						2.40		
60901	6280		41	10	49	0.80	24	NV ₂ 6a
60902			39	9	52	5.50	23	
60903						6.00		
60904	6281		44	9	47	1.80	23	NV ₂ 6a
60905			34	11	55	5.80	26	
60906						4.90		
60907	6282		39	16	45	5.30	26	NV ₁ 6a
60908			31	17	52	4.10	36	
60909						2.80		

Sample No.	Bore No.	Depth (cm)	Mechanical Analysis			L.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.			
60910	6283		46	12	42	3.00	18	NV ₂ 6a
60911			36	15	49	6.90	23	
60912						4.10		
60913	6284		36	22	42	5.30	26	NV ₁ 6a
60914			29	26	45	8.00	31	
60915						6.90		
60916	6285		34	17	49	5.20	30	NV ₁ 6a
60917			31	20	49	6.10	22	
60918						4.80		
60933	6289		41	10	49	0.96	11	V ₂ 6a
60934			36	12	52	5.20	25	
60935						7.00		
60936	6290		39	12	49	1.11	21	NV ₂ 6a
60937			39	4	57	6.90	27	
60938						6.70		
60939	6291		39	14	47	0.80	13	V ₂ 3a1
60940			41	12	47	0.75	24	
60941						1.90		
60952	6294		41	12	47	1.30	26	NV ₂ 6a
60953			34	11	55	7.80	35	
60954						2.40		
60955	6295		44	17	39	2.20	19	NV ₂ 6a
60956			39	12	50	6.90	25	
60957						6.20		
60958	6296		51	12	37	4.10	29	NV ₁ 6a
60959			36	12	52	7.30	36	
60960						7.50		
60961	6297		39	14	47	0.60	12	V ₂ 3a1
60962			36	12	52	1.26	20	
60963						4.20		
60964	6298		41	12	47	0.72	10	V ₂ 6a
60965			36	12	52	3.80	27	
60966						6.10		
60967	6299		39	12	49	1.00	28	NV ₂ 6a
60968			39	9	52	7.00	32	
60969						8.00		
60970	6300		34	11	55	0.76	21	NV ₄ 6a
60971			36	12	52	1.95	31	
60972						6.50		
60973	6301		44	11	45	0.90	22	NV ₂ 6a
60974			39	12	49	6.90	35	
60975						8.00		

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.			
60976	6302		44	11	45	1.04	24	NV ₂ 6a
60977			36	12	52	5.80	30	
60978						4.00		
60979	6303		39	14	47	0.50	12	V ₂ 31
60980			36	9	55	3.25	13	
60981						5.70		
60982	6304		34	14	52	0.80	17	NV ₄ 4a
60983			29	14	57	5.70	22	
60984						6.00		
60985	6305		34	14	52	0.56	18	NV ₄ 6a
60986			31	12	57	1.80	28	
60987						5.20		
60988	6306		36	15	49	0.50	16	NV ₂ 6a
60989			36	9	55	2.30	27	
60990						5.70		
60991	6307		34	14	52	0.76	18	NV ₄ 6a
60992			29	19	52	3.40	29	
60993						5.40		
60994	6308		36	11	53	1.00	25	NV ₄ 6a
60995			38	12	50	7.10	36	
60996						5.30		
60997	6309		76	15	9	4.00	64	E 6as
60998			46	41	13	8.20	78	
60999						7.90		
61000	6310		46	4	50	0.80	30	NV ₂ 6a
61001			33	16	51	2.70	38	
61002						3.10		
61003	6311		43	14	43	3.00	10	V ₂ 6a
61004			38	14	48	6.00	33	
61005						7.50		
61006	6312		38	14	48	5.90	40	NV ₁ 6as
61007			28	12	60	12.20	34	
61008						9.00		
61009	6313		46	11	43	7.00	40	NV ₁ 6as
61010			33	14	53	8.90	44	
61011						8.10		
61012	6314		43	14	43	4.60	37	NV ₁ 6as
61013			26	23	51	14.00	40	
61014						10.00		
61015	6315		38	12	50	6.10	39	NV ₁ 6as
61016			23	16	61	6.30	40	
61017						38.00		

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.			
61018	6316		53	16	31	0.84	23	E 6as
61019			48	9	43	14.00	44	
61020						9.80		
62505	6821		24	30	46	7.20	38	NV ₁ 6as
62506			19	32	49	4.80	28	
62507						3.40		
62508	6822		27	29	44	7.20	34	NV ₁ 6as
62509			14	35	51	3.80	46	
62510						3.60		
62511	6823		34	20	46	0.75	30	NV ₂ 6a
62512			29	17	54	4.20	29	
62513						2.30		
62514	6824		34	17	48	0.72	23	NV ₂ 6a
62515			29	15	56	3.10	25	
62516						4.00		
62517	6825		27	19	54	0.50	21	NV ₄ 6a
62518			29	17	54	4.50	31	
62519						6.00		
62520	6826		74	7	19	1.00	78	E 6a
62521			29	15	56	4.40	30	
62522						6.00		
62523	6827		19	20	61	3.40	22	NV ₄ 6a
62524			17	16	67	6.80	22	
62525						3.50		
62526	6828		27	19	54	0.55	9	V ₄ 2
62527			22	16	62	2.10	15	
62528						3.40		
62529	6829		35	15	51	2.90	23	NV ₄ 6a
62530			20	16	64	6.80	26	
62531						5.80		
62532	6830		29	15	56	0.75	23	NV ₄ 6a
62533			27	17	56	2.70	25	
62534						6.00		
62535	6831		29	17	54	0.58	16	NV ₄ 4a
62536			27	19	54	2.60	24	
62537						3.20		
62538	6832		27	19	54	1.50	14	V ₄ 2
62539			29	17	54	1.90	15	
62540						2.30		
62541	6833		32	22	46	0.46	18	NV ₂ 6a
62542			32	14	54	2.30	19	
62543						4.50		

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.				
62544	6834	37	14	49	0.58	15	V ₂	3a1	
62545		36	11	53	4.50	19			
62546						1.50			
62547	6835	27	17	56	0.88	14	V ₄	3a	
62548		22	19	59	2.80	15			
62549						5.00			
62550	6836	24	17	59	0.58	13	V ₄	3a	
62551		31	13	56	1.20	21			
62552						2.70			
62553	6837	29	17	54	1.15	25	NV ₄	6a	
62554		31	11	58	4.50	19			
62555						5.20			
62556	6838	27	17	56	0.55	20	NV ₄	4a	
62557		24	15	61	2.90	25			
62558						3.80			
62559	6839	27	14	59	0.70	19	NV ₄	4a	
62560		29	15	56	1.70	19			
62561						5.10			
62562	6840	42	14	44	0.58	22	NV ₂	6a	
62563		42	9	49	4.50	21			
62564						4.60			
62565	6841	32	12	56	0.68	19	NV ₄	6a	
62566		32	12	56	4.80	27			
62567						6.00			
62568	6842	39	12	49	1.80	30	NV ₂	6a	
62569		34	12	54	5.00	23			
62570						4.20			
62571	6843	42	14	44	0.62	25	NV ₂	6a	
62572		32	14	54	4.50	25			
62573						6.80			
62574	6844	32	17	51	0.55	25	NV ₄	6a	
62575		27	14	59	6.00	23			
62576						5.00			
80001	8001/	35	12	53	0.84	17	NV ₄	4a	
80002		30	12	58	4.60	21			
80003						6.50			
80008	8002/	38	12	50	0.78	24	NV ₂	6a	
80009		30	15	55	8.00	35			
80010						5.30			
80015	8003	45	12	43	0.96	20	NV ₂	6a	
80016		40	10	50	6.80	27			
80017						7.00			

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.			
80018	8004		48	9	43	0.80	16	NV ₂ 6a
80019			40	10	50	7.50	31	
80020						7.90		
80021	8005		45	9	48	0.75	19	NV ₂ 6a
80022			38	9	53	7.00	29	
80023						7.20		
80024	8006		43	9	48	1.3	17	NV ₂ 6a
80025			43	9	48	6.20	24	
80026						6.30		
80027	8007		43	9	48	1.44	22	NV ₂ 6a
80028			38	9	38	8.00	33	
80029						7.90		
80030	8008		43	9	48	0.72	18	NV ₂ 6a
80031			35	10	55	4.60	22	
80032						6.90		
80033	8009		43	12	45	2.10	23	NV ₂ 6as
80034			28	17	55	8.50	29	
80035						7.80		
80036	8010		45	17	38	2.10	19	NV ₂ 6a
80037			28	9	63	6.10	24	
80038						6.80		
80039	8011		25	17	58	4.60	15	NV ₃ 6as
80040			30	17	53	8.60	26	
80041						8.00		
80042	8012		43	12	45	4.40	35	NV ₁ 6a
80043			32	15	53	5.10	34	
80044						4.00		
80045	8013		43	14	43	2.00	27	NV ₂ 6a
80046			33	12	55	7.50	30	
80047						8.00		
80048	8014		48	12	50	5.50	21	NV ₁ 6as
80049			35	15	50	8.10	38	
80050						7.40		
80051	8015		42	10	48	2.00	25	NV ₂ 6as
80052			30	12	58	8.90	36	
80053						7.00		
80057	8016		55	10	35	0.62	16	NV ₂ 6a
80058			45	10	45	6.50	28	
80059						7.10		
80060	8017		45	10	45	0.60	14	V ₂ 3a1
80061			43	7	50	5.00	25	
80062						6.10		

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.			
80063	8018	43	9	48	0.74	12	V ₂ 3a1	
80064		33	9	58	5.30	18		
80065						6.90		
80066	8019	38	9	53	0.56	15	V ₄ 3as	
80067		35	7	58	5.90	20		
80068						7.10		
80069	8020	38	9	53	1.20	23	NV ₄ 6a	
80070		30	12	58	7.00	28		
80071						7.90		
80072	8021	38	14	48	3.15	17	NV ₂ 6as	
80073		42	8	50	8.90	30		
80074						8.00		
80075	8022	42	10	48	1.20	21	NV ₂ 6a	
80076		30	15	55	8.00	34		
80077						7.00		
80082	8023	55	12	33	1.35	19	E 6a	
80083		50	10	40	7.10	30		
80084						8.00		
80085	8024	58	9	33	2.20	27	E 6a	
80086		53	9	38	8.00	32		
80087						8.10		
80088	8025	35	10	55	0.60	14	V ₄ 3a	
80089		45	7	48	2.70	24		
80090						6.20		
80091	8026	38	9	53	0.88	14	V ₄ 3a	
80092		35	10	55	3.50	21		
80093						5.00		
80094	8027	38	9	53	0.80	14	V ₄ 3a	
80095		33	9	58	4.50	18		
80096						6.20		
80097	8028	45	12	43	1.50	23	NV ₂ 6as	
80098		33	12	55	9.00	37		
80099						4.20		
80100	8029	33	14	53	2.50	21	NV ₄ 6a	
80101		31	11	58	6.50	27		
80102						5.20		
80103	8030	33	12	55	2.00	22	NV ₄ 6as	
80104		26	11	63	9.00	29		
80105						9.20		
80106	8031	36	9	55	0.84	22	NV ₄ 6a	
80107		28	9	63	3.60	27		
80108						7.00		

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.			
80113	8032	48	48	9	43	2.10	21	NV ₂ 6a
80114	8046	41	41	9	50	7.90	36	V ₂ 3a
80115		41	41	6	53	7.80	24	V ₂ 3a
80116	8033	50	50	8	42	0.84	12	V ₂ 3a1
80117	8047	46	46	6	48	4.50	21	V ₂ 3a
80118		39	39	7	55	6.00	25	V ₂ 3a
80119	8034	41	41	6	53	1.08	22	NV ₄ 6a
80120	8048	41	41	6	53	6.50	28	NV ₂ 6a
80121		31	31	9	60	7.50	28	V ₂ 3a
80122	8035	26	26	9	65	0.60	16	NV ₄ 6a
80123	8049	28	28	9	63	2.30	27	V ₂ 3a
80124		31	31	6	63	6.20	20	V ₂ 3a
80125	8036	28	28	12	60	0.50	8	V ₄ 2
80126	8050	33	33	7	60	2.50	13	V ₂ 3a
80127		61	61	6	58	5.00	13	V ₂ 3a
80128	8037	46	46	6	48	0.50	10	V ₂ 3a1
80129	8051	41	41	4	55	1.10	17	V ₂ 3a
80130		33	33	7	60	5.80	23	V ₂ 3a
80131	8038	31	31	9	60	0.44	13	V ₄ 3a
80132	8052	26	26	9	65	2.40	20	V ₄ 3a
80133		31	31	6	63	6.90	22	V ₂ 3a
80134	8039	36	36	6	58	0.60	16	NV ₄ 4a
80135	8053	33	33	7	60	5.00	22	V ₂ 3a
80136		26	26	9	63	6.90	19	V ₂ 3a
80137	8040	48	48	7	45	0.63	14	V ₂ 6a
80138	8054	36	36	6	58	6.20	25	V ₂ 6a
80139		26	26	9	63	7.10	10	V ₂ 6a
80140	8041	38	38	7	55	0.64	15	NV ₄ 4a
80141	8055	36	36	6	58	6.10	24	V ₂ 4a
80142		31	31	6	63	7.00	8	V ₂ 4a
80143	8042	41	41	6	53	0.80	8	V ₄ 6a
80144	8056	48	48	7	45	4.90	25	V ₄ 6a
80145		26	26	9	63	5.20	10	V ₂ 6a
80146	8043	53	53	7	40	0.85	13	V ₂ 3a1
80147	8057	48	48	4	48	2.20	21	V ₂ 3a1
80148		26	26	9	63	6.10	12	V ₂ 3a1
80149	8044	58	58	7	35	0.57	2	V ₂ 41
80150	8058	61	61	4	35	1.10	4	V ₂ 41
80151		33	33	9	58	1.90	15	V ₂ 41
80152	8045	46	46	9	45	1.50	18	NV ₂ 6a
80153	8059	41	41	6	53	7.80	32	V ₂ 6a
80154		38	38	11	51	8.00	28	V ₂ 6a

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.			
80155	8046		38	7	55	0.64	12	V ₄ 3a
80156			41	6	53	2.60	24	
80157						6.20		
80158	8047		38	9	53	0.64	14	V ₄ 6a
80159			39	7	55	0.75	25	
80160						5.80		
80161	8048		36	9	55	1.56	17	NV ₄ 6as
80162			31	9	60	8.50	28	
80163						9.40		
80164	8049		38	7	55	1.35	15	NV ₄ 4a
80165			31	6	63	6.90	20	
80166						7.00		
80167	8050		43	7	50	0.95	17	NV ₂ 4a
80168			61	6	58	6.20	23	
80169						7.10		
80170	8051		33	9	58	1.30	16	NV ₄ 4a
80171			33	7	60	5.10	23	
80172						7.00		
80173	8052		36	9	55	0.64	14	V ₄ 3a
80174			31	6	63	3.70	22	
80175						7.10		
80176	8053		31	9	60	0.60	15	V ₄ 3a
80171			26	9	65	5.20	19	
80172						6.50		
80179	8054		26	9	65	0.75	6	V ₄ 2
80180			26	9	65	3.60	10	
80181						6.80		
80186	8055		23	9	68	0.95	4	V ₄ 2
80187			31	6	63	1.90	8	
80188						6.00		
80189	8056		33	9	58	1.05	6	V ₄ 3s
80190			26	9	65	6.20	10	
80191						6.40		
80192	8057		26	9	65	1.35	5	V ₄ 2
80193			26	9	65	4.50	12	
80194						4.70		
80195	8058		36	9	55	1.04	10	V ₄ 3a
80196			33	9	58	4.90	16	
80197						5.90		
80198	8059		41	11	48	0.70	17	NV ₂ 6a
80199			38	11	51	4.70	28	
80200						6.90		

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.			
80201 80202 80203	8060		33 28	11 11	56 61	1.45 3.50 5.90	16 20	NV ₄ 4a
80204 80205 80206	8061		41 46	11 8	48 46	2.25 4.50 5.20	10 18	V ₂ 3a1
80207 80208 80209	8062		53 46	6 8	41 46	0.62 2.80 5.90	17 25	NV ₂ 6a
80210 80211 80212	8063		38 51	26 8	36 41	0.63 1.95 4.10	4 19	V ₂ 3a1
80213 80214 80215	8064		43 36	11 11	46 53	0.44 2.00 5.10	7 16	V ₂ 3a1
80216 80217 80218	8065		33 33	14 11	53 56	0.60 2.60 5.00	16 26	NV ₄ 6a
80219 80220 80221	8066		58 43	6 9	36 48	0.50 0.80 4.40	15 20	V ₂ 3a1
80222 80223 80224	8067		46 43	11 11	43 46	0.50 2.10 4.50	11 25	V ₂ 3a1
80225 80226 80227	8068		41 41	11 11	48 48	0.72 4.20 5.90	14 20	V ₂ 3a1
80228 80229 80230	8069		43 41	11 11	46 48	1.16 5.40 7.00	24 26	NV ₂ 6a
80231 80232 80233	8070		38 51	26 8	36 41	0.58 1.40 5.80	8 20	V ₂ 3a1
80234 80235 80236	8071		48 41	9 11	43 48	0.70 0.90 5.80	14 27	V ₂ 6a
80237 80238 80239	8072		51 46	9 9	40 45	0.62 1.65 4.00	8 16	V ₂ 3a1
80240 80241 80242	8073		41 43	14 9	45 48	0.48 1.40 4.90	3 13	V ₂ 31

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.				
80243	8074		53	13	35	0.55	5	V ₂	31
80244			46	11	43	1.70	14		
80245						3.20			
80246	8075		58	9	33	1.00	39	E	6a
80247			48	12	40	2.40	32		
80248						5.20			
80249	8076		51	10	39	0.35	4	V ₂	3a1
80250			51	10	39	1.40	19		
80251						5.30			
80252	8077		58	12	30	0.50	9	E	41
80253			58	9	33	1.10	18		
80254						2.90			
80255	8078		58	10	32	1.20	12	E	41
80256			51	7	42	2.20	19		
80257						5.20			
80258	8079		43	11	46	0.42	5	V ₂	3a1
80259			43	10	47	0.95	19		
80260						5.00			
80261	8080		41	11	48	0.50	8	V ₂	3a1
80262			41	9	50	1.50	17		
80263						4.50			
80264	8081		38	14	48	0.75	9	V ₂	3a1
80265			43	12	45	2.00	18		
80266						5.00			
80267	8082		43	12	45	0.48	5	V ₂	6a
80268			45	13	42	1.65	27		
80269						5.00			
80270	8083		48	12	40	0.52	8	V ₂	3a1
80271			40	10	50	2.30	22		
80272						4.50			
80277	8084		48	9	43	0.50	7	V ₂	3a1
80278			46	11	43	2.20	21		
80279						4.90			
80280	8085		43	10	47	0.60	16	NV ₂	6a
80281			41	8	51	2.00	29		
80282						5.20			
80283	8086		40	13	47	0.60	15	V ₂	3a1
80284			41	7	52	4.20	23		
80285						5.90			
80286	8087		43	10	47	0.42	15	V ₂	6a
80287			41	12	47	1.90	34		
80288						5.30			

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.				
80289	8088		38	15	47	0.40	13	V ₂	3a1
80290			31	11	58	1.90	20		
80291						5.50			
80292	8089		38	10	52	0.56	14	V ₄	6a
80293			33	10	57	2.20	25		
80294						5.00			
80295	8090		33	8	59	0.40	13	V ₄	3a
80296			31	12	57	0.80	19		
80297						4.10			
80298	8091		36	8	56	0.40	7	V ₄	6a
80299			58	5	37	2.10	32		
80300						5.30			
80301	8092		33	7	60	0.60	13	V ₄	3a
80302			30	13	57	3.30	22		
80303						6.20			
80304	8093		33	9	58	1.40	14	V ₄	3a
80305			31	11	58	2.90	21		
80306						5.20			
80307	8094		38	9	53	0.40	12	V ₄	3a
80308			41	7	52	1.75	23		
80309						4.50			
80310	8095		36	10	54	0.85	14	V ₄	3a
80311			38	10	52	2.40	23		
80312						4.10			
80313	8096		41	15	44	0.93	20	NV ₂	6a
80314			31	10	59	3.10	25		
80315						5.20			
80316	8097		28	13	59	0.56	14	V ₄	3a
80317			28	13	59	3.60	21		
80318						5.80			
80319	8098		31	10	59	0.55	14	V ₄	3a
80320			24	12	64	5.10	20		
80321						6.20			
80322	8099		33	6	61	2.20	19	NV ₄	4a
80323			31	6	63	6.00	25		
80324						7.00			
80325	8100		31	11	58	0.60	17	NV ₄	6a
80326			31	8	61	2.65	26		
80327						7.00			
80328	8101		31	11	58	0.96	18	NV ₄	6a
80329			36	11	53	6.10	33		
80330						6.70			

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.				
80331	8102		36	8	56	1.00	14	V ₄	6a
80332			31	11	58	4.00	26		
80333						5.90			
80334	8103		31	8	61	0.95	14	V ₄	3a
80335			36	6	58	3.50	23		
80336						5.30			
80337	8104		31	11	58	0.60	15	V ₄	3a
80338			31	8	61	3.20	21		
80339						5.10			
80340	8105		28	11	61	0.68	16	NV ₄	4a
80341			33	9	58	1.95	19		
80342						3.60			
80343	8106		33	9	58	0.30	14	V ₄	3a
80344			33	11	56	2.50	23		
80345						4.60			
80346	8107		38	9	53	0.56	14	V ₄	3a
80347			38	9	53	2.00	23		
80348						4.80			
80349	8108		26	16	58	0.60	13	V ₄	3a
80350			28	11	61	2.20	19		
80351						3.10			
80352	8109		33	11	56	0.73	14	V ₄	3a
80353			36	11	53	1.95	25		
80354						3.60			
80355	8110		38	11	51	1.20	14	V ₄	3a
80356			38	9	53	2.20	21		
80357						4.50			
80358	8111		33	9	58	0.70	14	V ₄	3a
80359			28	11	61	2.20	22		
80360						4.20			
80361	8112		36	7	57	0.74	17	NV ₄	6a
80362			36	8	56	2.60	30		
80363						4.60			
80364	8113		36	11	53	0.95	17	NV ₄	4a
80365			36	8	56	2.60	23		
80366						4.50			
80367	8114		41	11	48	1.50	36	NV ₂	6a
80368			38	9	53	4.10	39		
80369						6.20			
80370	8115		41	13	46	5.30	36	NV ₁	6a
80371			31	18	51	7.00	34		
80372						6.90			

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.			
80373	8116		41	16	43	0.67	18	NV ₂ 6a
80374			28	16	56	3.70	17	
80375						2.90		
80376	8117		36	13	51	0.76	25	NV ₄ 6a
80377			26	13	61	5.90	29	
80378						6.10		
80379	8118		36	16	48	2.20	24	NV ₂ 6a
80380			28	16	56	4.50	25	
80381						4.40		
80382	8119		34	12	52	7.00	25	NV ₃ 6as
80383			36	11	53	7.80	33	
80384						4.60		
80385	8120		31	17	52	5.00	29	NV ₃ 6a
80386			29	16	55	7.50	31	
80387						6.40		
80388	8121		36	17	47	6.80	34	NV ₁ 6as
80389			24	26	50	7.20	39	
80390						5.10		
81317	8431		33	11	56	0.82	16	NV ₄ 4a
81318			31	13	56	2.90	19	
81319						4.00		
81320	8432		31	11	58	1.05	13	V ₄ 3a
81321			28	14	58	2.70	21	
81322						4.50		
81323	8433		61	8	31	0.63	18	E 6a
81324			31	13	56	2.00	19	
81325						2.80		
81326	8434		36	8	56	0.48	8	V ₄ 3a
81327			31	11	58	1.35	18	
81328						4.50		
81329	8435		38	9	53	1.15	12	V ₄ 3a
81330			31	13	56	3.20	10	
81331						3.80		
81332	8436		36	11	53	0.55	24	NV ₄ 6a
81333			36	11	53	1.25	23	
81334						3.80		
81335	8437		38	11	51	0.50	10	V ₄ 2
81336			36	11	53	2.30	15	
81337						5.00		
81338	8438		33	14	53	0.65	14	V ₄ 3a
81339			31	13	56	1.55	21	
81340						2.80		

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.				
81341	8439		31	11	58	0.58	14	V ₄	3a
81342			28	16	56	2.00	21		
81343						4.00			
81344	8440		33	9	58	1.10	9	V ₄	3a
81345			31	13	56	2.00	16		
81346						3.60			
81347	8441		28	14	58	0.90	18	NV ₄	6a
81348			18	14	68	5.00	44		
81349						3.00			
81350	8442		22	16	61	1.20	10	NV ₄	6a
81351			22	20	58	4.20	30		
81352						4.00			
81353	8443		19	14	67	0.80	17	NV ₄	4a
81354			14	20	67	4.20	23		
81355						4.50			
81356	8444		26	12	62	0.75	15	NV ₄	4a
81357			21	21	58	1.80	22		
81358						3.10			
81359	8445		31	8	61	3.50	17	NV ₄	6a
81360			22	15	63	3.80	25		
81361						5.00			
81362	8446		28	16	56	0.40	17	NV ₄	4a
81363			22	15	63	1.45	20		
81364						4.00			
81365	8447		13	14	73	1.20	13	V ₄	3a
81366			21	11	68	2.90	18		
81367						4.20			
81368	8448		16	14	70	0.80	10	V ₄	2
81369			24	11	65	2.90	12		
81370						3.80			
81371	8449		22	15	63	0.85	12	V ₄	3a
81372			21	11	68	1.05	17		
81373						2.90			
81374	8450		24	13	63	0.80	13	V ₄	3a
81375			24	13	63	4.10	19		
81376						5.00			