

Appendix B

Soil investigation reports

C data

Manawwar_27

N	E	Serial	BH	Depth	Group_symbol	Att L L%	Att P L%	Att P I%
15.643333	32.558056	27	2	-1.0	CH	0	0	0
15.643333	32.558056	27	2	-2.0	CH	0	0	0
15.643333	32.558056	27	2	-3.0	CL	0	0	0
15.643333	32.558056	27	2	-4.0	CL	0	0	0
15.643333	32.558056	27	2	-5.0	SM	0	0	0
15.643333	32.558056	27	2	-6.0	SM	0	0	0
15.643333	32.558056	27	2	-7.0	SM	NP	NP	NP
15.643333	32.558056	27	2	-8.0	SM	0	0	0
15.643333	32.558056	27	2	-9.0	SM	NP	NP	NP
15.643333	32.558056	27	2	-10.0	SM	0	0	0

[illegible]

-iaigadisisa 28

N	E	Serial	BH	Depth	Group symbol	Att L L%	Att P L%	Att P I%	N M C%
15.603611	32.600000	28	2	-1.0	-	0	0	0	0
15.603611	32.600000	28	2	-2.0	-	0	0	0	0
15.603611	32.600000	28	2	-3.0	-	0	0	0	0
15.603611	32.600000	28	2	-4.0	-	0	0	0	0
15.603611	32.600000	28	2	-5.0	-	0	0	0	0
15.603611	32.600000	28	2	-6.0	-	0	0	0	0
15.603611	32.600000	28	2	-7.0	-	0	0	0	0
15.603611	32.600000	28	2	-8.0	-	0	0	0	0
15.603611	32.600000	28	2	-9.0	-	0	0	0	0
15.603611	32.600000	28	2	-10.0	-	0	0	0	0

[illegible]

29 Pony_29

N	E	Serial	BH	Depth	Group_symbol	Att L %	Att P %	Att P I%
15.598333	32.645000	29	1	-1.0	SC	44	19	25
15.598333	32.645000	29	1	-2.0	SC	0	0	0
15.598333	32.645000	29	1	-3.0	SC	43	16	27
15.598333	32.645000	29	1	-4.0	SC	0	0	0
15.598333	32.645000	29	1	-5.0	SC	63	24	39
15.598333	32.645000	29	1	-6.0	SC	0	0	0
15.598333	32.645000	29	1	-7.0	CH	56	23	33
15.598333	32.645000	29	1	-8.0	CH	0	0	0

[illegible]

30 Silate 30

N	E	Serial	BH	Depth	Group_symbol	Att L 1%	Att P 1%	Att P 1%	N M C%	yb KNm3	yd KNm3	She_deg
16.191667	32.607222	30	1	-1.0	-	0	0	0	0	0	0	0
16.191667	32.607222	30	1	-2.0	-	0	0	0	0	0	0	0
16.191667	32.607222	30	1	-3.0	-	0	0	0	0	0	0	0
16.191667	32.607222	30	1	-4.0	-	0	0	0	0	0	0	0
16.191667	32.607222	30	1	-5.0	-	0	0	0	0	0	0	0
16.191667	32.607222	30	1	-6.0	-	0	0	0	0	0	0	0
16.191667	32.607222	30	1	-7.0	-	0	0	0	0	0	0	0
16.191667	32.607222	30	1	-8.0	-	0	0	0	0	0	0	0
16.191667	32.607222	30	1	-9.0	-	0	0	0	0	0	0	0
16.191667	32.607222	30	1	-10.0	-	0	0	0	0	0	0	0

[illegible]

N	E	Serial	BH	Depth	Group_symbol	Soil Profile	Att L L%	Att P L%	Att P I%
15.654722	32.529722	31	1	-1.0	-	CLAYEY SILT	30.6	12.9	17.7
15.654722	32.529722	31	1	-2.0	-	SILTY SAND	0	0	0
15.654722	32.529722	31	1	-3.0	-	SILTY SAND	0	0	0
15.654722	32.529722	31	1	-4.0	-	SILTY SAND	0	0	0
15.654722	32.529722	31	1	-5.0	-	SILTY SAND	0	0	0
15.654722	32.529722	31	1	-6.0	-	SILTY SAND	0	0	0
15.654722	32.529722	31	1	-7.0	-	SILTY SAND	0	0	0
15.654722	32.529722	31	1	-8.0	-	SILTY SAND	0	0	0
15.654722	32.529722	31	1	-9.0	-	SILTY SAND	0	0	0
15.654722	32.529722	31	1	-10.0	-	SILTY SAND	0	0	0
15.654722	32.529722	31	1	-11.0	-	SILTY SAND	0	0	0
15.654722	32.529722	31	1	-12.0	-	SILTY SAND	0	0	0
15.654722	32.529722	31	1	-13.0	-	SILTY SAND	0	0	0
15.654722	32.529722	31	1	-14.0	-	SILTY SAND	0	0	0
15.654722	32.529722	31	1	-15.0	-	SILTY SAND	0	0	0

[illegible]

Shambat_31

N	E	Serial	BH	Depth	Group	symbol	Soil Profile	Att L	L %	Att P	L %	Att P	L %
15.654722	32.529722	31	2	-1.0	-		CLAYEY SILT	29.8		14.5		15.3	
15.654722	32.529722	31	2	-2.0	-		SILTY SAND	0	0	0	0	0	0
15.654722	32.529722	31	2	-3.0	-		SILTY SAND	0	0	0	0	0	0
15.654722	32.529722	31	2	-4.0	-		SILTY SAND	0	0	0	0	0	0
15.654722	32.529722	31	2	-5.0	-		SILTY SAND	0	0	0	0	0	0
15.654722	32.529722	31	2	-6.0	-		SILTY SAND	0	0	0	0	0	0
15.654722	32.529722	31	2	-7.0	-		SILTY SAND	0	0	0	0	0	0
15.654722	32.529722	31	2	-8.0	-		SILTY SAND	0	0	0	0	0	0
15.654722	32.529722	31	2	-9.0	-		SILTY SAND	0	0	0	0	0	0
15.654722	32.529722	31	2	-10.0	-		SILTY SAND	0	0	0	0	0	0
15.654722	32.529722	31	2	-11.0	-		SILTY SAND	0	0	0	0	0	0
15.654722	32.529722	31	2	-12.0	-		SILTY SAND	0	0	0	0	0	0
15.654722	32.529722	31	2	-13.0	-		SILTY SAND	0	0	0	0	0	0
15.654722	32.529722	31	2	-14.0	-		SILTY SAND	0	0	0	0	0	0
15.654722	32.529722	31	2	-15.0	-		SILTY SAND	0	0	0	0	0	0

[illegible]

32 Gibril_32

N	E	Serial	BH	Depth	Group_symbol	Sample Type	Att L L%	Att P L%	Att P I%
15.605556	32.634722	32	1	-1.0	SM	C	0	0	0
15.605556	32.634722	32	1	-2.0	SM	C	0	0	0
15.605556	32.634722	32	1	-3.0	SM	C	0	0	0
15.605556	32.634722	32	1	-4.0	SM	SPT	0	0	0
15.605556	32.634722	32	1	-5.0	SM	-	0	0	0
15.605556	32.634722	32	1	-6.0	SM	SPT	0	0	0
15.605556	32.634722	32	1	-7.0	SM	-	0	0	0
15.605556	32.634722	32	1	-8.0	SM	SPT	0	0	0
15.605556	32.634722	32	1	-9.0	SM	-	0	0	0
15.605556	32.634722	32	1	-10.0	SM	-	0	0	0

N	M	C %	yb	KNm3	yd	KNm3	She	deg	She	C	KNm2	%Pass	sieve	SPT	Blows	SPT	N	Value	SPT	Location
0		0		0		0		0		0		0		0		0				Gibril
0		0		0		0		0		0		0		0		0				Gibril
0		0		0		0		0		0		0		0		0				Gibril
0		0		0		0		0		0		0		0		0		67		Gibril
0		0		0		0		0		0		0		0		0				Gibril
0		0		0		0		0		0		0		0		0		76		Gibril
0		0		0		0		0		0		0		0		0				Gibril
0		0		0		0		0		0		0		0		0		88		Gibril
0		0		0		0		0		0		0		0		0				Gibril
0		0		0		0		0		0		0		0		0				Gibril

3 Omdom_33

N	E	Serial	BH	Depth	Group	symbol	Sample Type	Att L	L %	Att P	P %	N	M	C %
15.535278	32.628889	33	1	-1.0	-		C	0	0	0	0	0	0	0
15.535278	32.628889	33	1	-2.0	SC		C	0	0	0	0	0	0	0
15.535278	32.628889	33	1	-3.0	SC		C	0	0	0	0	0	0	0
15.535278	32.628889	33	1	-4.0	SC		SPT	0	0	0	0	0	0	0
15.535278	32.628889	33	1	-5.0	CH		C	0	0	0	0	0	0	0
15.535278	32.628889	33	1	-6.0	CH		C	0	0	0	0	0	0	0
15.535278	32.628889	33	1	-7.0	CH		C	0	0	0	0	0	0	0
15.535278	32.628889	33	1	-8.0	CH		C	0	0	0	0	0	0	0
15.535278	32.628889	33	1	-9.0	CH		C	0	0	0	0	0	0	0
15.535278	32.628889	33	1	-10.0	CH		C	0	0	0	0	0	0	0

[illegible]

Hagyousif_34

N	E	Serial	BH	Depth	Group	symbol	Soil Profile	Att L L%	Att P L%	Att P 1%	N M C%
15.626389	32.629167	34	1	-1.0	-		SILTY CLAY	0	0	0	0
15.626389	32.629167	34	1	-2.0	-		SILTY CLAY	0	0	0	0
15.626389	32.629167	34	1	-3.0	-		SILTY CLAY	62.1	19.1	43	0
15.626389	32.629167	34	1	-4.0	-		SILTY CLAY	0	0	0	0
15.626389	32.629167	34	1	-5.0	-		SILTY CLAY	0	0	0	0
15.626389	32.629167	34	1	-6.0	-		SILTY CLAY	60.2	21.5	38.0	0
15.626389	32.629167	34	1	-7.0	-		SILTY CLAY	0	0	0	0
15.626389	32.629167	34	1	-8.0	-		SILTY CLAY	0	0	0	0
15.626389	32.629167	34	1	-9.0	-		SILTY CLAY	0	0	0	0
15.626389	32.629167	34	1	-10.0	-		SILTY CLAY	0	0	0	0
15.626389	32.629167	34	1	-11.0	-		SILTY CLAY	0	0	0	0
15.626389	32.629167	34	1	-12.0	-		SILTY CLAY	139.3	37.1	102.2	0
15.626389	32.629167	34	1	-13.0	-		SILTY CLAY	0	0	0	0
15.626389	32.629167	34	1	-14.0	-		SILTY CLAY	0	0	0	0
15.626389	32.629167	34	1	-15.0	-		SILTY CLAY	0	0	0	0

[illegible]

Haqyousif 34

N	E	Serial	BH	Depth	Group_symbol	Soil Profile	Att L %	Att P %	Att P %	N	M	C %
15.626389	32.629167	34	2	-1.0	SC	SILTY CLAY	0	0	0	0	0	0
15.626389	32.629167	34	2	-2.0	SC	SILTY CLAY	63.7	26.4	37.3	0	0	0
15.626389	32.629167	34	2	-3.0	SC	SILTY CLAY	0	0	0	0	0	0
15.626389	32.629167	34	2	-4.0	SC	SILTY CLAY	0	0	0	0	0	0
15.626389	32.629167	34	2	-5.0	SC	SILTY CLAY	66.1	21.7	44.4	0	0	0
15.626389	32.629167	34	2	-6.0	SC	SILTY CLAY	0	0	0	0	0	0
15.626389	32.629167	34	2	-7.0	SC	SILTY CLAY	0	0	0	0	0	0
15.626389	32.629167	34	2	-8.0	SC	SILTY CLAY	0	0	0	0	0	0
15.626389	32.629167	34	2	-9.0	SC	SILTY CLAY	104.4	27.6	76.8	0	0	0
15.626389	32.629167	34	2	-10.0	SC	SILTY CLAY	0	0	0	0	0	0
15.626389	32.629167	34	2	-11.0	SC	SILTY CLAY	0	0	0	0	0	0
15.626389	32.629167	34	2	-12.0	SC	SILTY CLAY	0	0	0	0	0	0
15.626389	32.629167	34	2	-13.0	SC	SILTY CLAY	0	0	0	0	0	0
15.626389	32.629167	34	2	-14.0	SC	SILTY CLAY	0	0	0	0	0	0
15.626389	32.629167	34	2	-15.0	SC	SILTY CLAY	0	0	0	0	0	0

[illegible]

Alsamrab 35

N	E	Serial	BH	Depth	Group_symbol	Soil_Profile	Att_L_L%	Att_P_L%	Att_P_1%	N_M_C%
15.703889	32.590278	35	1	-1.0	-	SILTY CLAY	71.9	24	47.9	0
15.703889	32.590278	35	1	-2.0	-	SILTY CLAY	0	0	0	0
15.703889	32.590278	35	1	-3.0	-	SILTY CLAY	0	0	0	0
15.703889	32.590278	35	1	-4.0	-	SILTY CLAY	102.1	21.2	80.9	0
15.703889	32.590278	35	1	-5.0	-	SILTY CLAY	0	0	0	0
15.703889	32.590278	35	1	-6.0	-	SILTY SAND	0	0	0	0
15.703889	32.590278	35	1	-7.0	-	SILTY SAND	0	0	0	0
15.703889	32.590278	35	1	-8.0	-	SILTY SAND	0	0	0	0
15.703889	32.590278	35	1	-9.0	-	SILTY SAND	0	0	0	0
15.703889	32.590278	35	1	-10.0	-	SILTY SAND	0	0	0	0
15.703889	32.590278	35	1	-11.0	-	SILTY SAND	0	0	0	0
15.703889	32.590278	35	1	-12.0	-	SILTY SAND	0	0	0	0
15.703889	32.590278	35	1	-13.0	-	SILTY SAND	0	0	0	0
15.703889	32.590278	35	1	-14.0	-	SILTY SAND	0	0	0	0
15.703889	32.590278	35	1	-15.0	-	SILTY SAND	0	0	0	0

[illegible]

Alsamrab_35

N	E	Serial	BH	Depth	Group_symbol	Soil Profile	Att L L%	Att P L%	Att P I%	N	M	C%
15.703889	32.590278	35	2	-1.0	-	SILTY CLAY	0	0	0	0		0
15.703889	32.590278	35	2	-2.0	-	SILTY CLAY	0	0	0	0		0
15.703889	32.590278	35	2	-3.0	-	SILTY CLAY	108.1	23.3	84.8	0		0
15.703889	32.590278	35	2	-4.0	-	SILTY CLAY	0	0	0	0		0
15.703889	32.590278	35	2	-5.0	-	SILTY CLAY	0	0	0	0		0
15.703889	32.590278	35	2	-6.0	-	SILTY SAND	0	0	0	0		0
15.703889	32.590278	35	2	-7.0	-	SILTY SAND	0	0	0	0		0
15.703889	32.590278	35	2	-8.0	-	SILTY SAND	0	0	0	0		0
15.703889	32.590278	35	2	-9.0	-	SILTY SAND	0	0	0	0		0
15.703889	32.590278	35	2	-10.0	-	SILTY SAND	0	0	0	0		0
15.703889	32.590278	35	2	-11.0	-	SILTY SAND	0	0	0	0		0
15.703889	32.590278	35	2	-12.0	-	SILTY SAND	0	0	0	0		0
15.703889	32.590278	35	2	-13.0	-	SILTY SAND	0	0	0	0		0
15.703889	32.590278	35	2	-14.0	-	SILTY SAND	0	0	0	0		0
15.703889	32.590278	35	2	-15.0	-	SILTY SAND	0	0	0	0		0

yb KN/m3	yd KN/m3	She_deg	She C KN/m2	She m c%	%Pass sieve	SPT Blows	SPT N Value	U W KN/m3	Location
0	0	0	0	0	0	0	0	0	Alsamrab
0	0	0	0	0	0	0	0	0	Alsamrab
0	0	30	40	20.3	0	0	0	19	Alsamrab
0	0	0	0	0	0	0	0	0	Alsamrab
0	0	0	0	0	0	0	0	0	Alsamrab
0	0	0	0	0	0	0	0	0	Alsamrab
0	0	0	0	0	0	0	0	0	Alsamrab
0	0	0	0	0	0	0	0	18.6	Alsamrab
0	0	0	0	0	0	0	0	0	Alsamrab
0	0	30	15	0	0	0	0	0	Alsamrab
0	0	0	0	0	0	0	0	18.8	Alsamrab
0	0	0	0	0	0	0	0	0	Alsamrab
0	0	0	0	0	0	0	0	0	Alsamrab
0	0	0	0	0	0	0	0	0	Alsamrab
0	0	0	0	0	0	0	0	0	Alsamrab
0	0	0	0	0	0	0	0	0	Alsamrab
0	0	26	20	0	0	0	0	18.3	Alsamrab

36 Halfaya_36

N	E	Serial	BH	Depth	Group	symbol	Soil Profile	Att L L%	Att P L%	Att P I%
15.720000	32.556667	36	1	-1.0	-		SILTY CLAY	0	0	0
15.720000	32.556667	36	1	-2.0	-		SILTY CLAY	70.5	28	42.5
15.720000	32.556667	36	1	-3.0	-		SILTY SAND	0	0	0
15.720000	32.556667	36	1	-4.0	-		SILTY SAND	0	0	0
15.720000	32.556667	36	1	-5.0	-		SILTY SAND	0	0	0
15.720000	32.556667	36	1	-6.0	-		SILTY SAND	0	0	0
15.720000	32.556667	36	1	-7.0	-		SILTY SAND	0	0	0
15.720000	32.556667	36	1	-8.0	-		SILTY SAND	0	0	0
15.720000	32.556667	36	1	-9.0	-		SILTY SAND	0	0	0
15.720000	32.556667	36	1	-10.0	-		SILTY SAND	0	0	0
15.720000	32.556667	36	1	-11.0	-		SILTY SAND	0	0	0
15.720000	32.556667	36	1	-12.0	-		SILTY SAND	0	0	0
15.720000	32.556667	36	1	-13.0	-		SILTY SAND	0	0	0
15.720000	32.556667	36	1	-14.0	-		SILTY SAND	0	0	0
15.720000	32.556667	36	1	-15.0	-		SILTY SAND	0	0	0

N	M	C %	yb_KNm3	yd_KNm3	She_deg	She_C_KNm2	%Pass_sieve	SPT_Blows	SPT_N_Value	U_W_KNm3	Location
0	0	0	0	0		0	0	0	0	0	Halfaya
0	0	0	0	0		0	0	0	0	0	Halfaya
0	0	0	0	0		0	0	0	0	0	Halfaya
0	0	0	0	34		5	0	0	0	18.4	Halfaya
0	0	0	0	0		0	0	0	0	0	Halfaya
0	0	0	0	0		0	0	0	0	0	Halfaya
0	0	0	0	0		0	0	0	0	0	Halfaya
0	0	0	0	36		7	0	0	0	18	Halfaya
0	0	0	0	0		0	0	0	0	0	Halfaya
0	0	0	0	0		0	0	0	0	0	Halfaya
0	0	0	0	0		0	0	0	0	0	Halfaya
0	0	0	0	0		0	0	0	0	0	Halfaya
0	0	0	0	39		4	0	0	0	18.3	Halfaya
0	0	0	0	0		0	0	0	0	0	Halfaya

36 Halfaya_36

N	E	Serial	BH	Depth	Group_symbol	Soil_Profile	Att_L_L%	Att_P_L%	Att_P_I%
15.720000	32.556667	36	2	-1.0	-	SILTY CLAY	0	0	0
15.720000	32.556667	36	2	-2.0	-	SILTY CLAY	82.3	33.9	48.4
15.720000	32.556667	36	2	-3.0	-	SILTY CLAY	0	0	0
15.720000	32.556667	36	2	-4.0	-	SILTY CLAY	61	25.8	35.2
15.720000	32.556667	36	2	-5.0	-	SILTY CLAY	0	0	0
15.720000	32.556667	36	2	-6.0	-	SILTY SAND	0	0	0
15.720000	32.556667	36	2	-7.0	-	SILTY SAND	0	0	0
15.720000	32.556667	36	2	-8.0	-	SILTY SAND	0	0	0
15.720000	32.556667	36	2	-9.0	-	SILTY SAND	0	0	0
15.720000	32.556667	36	2	-10.0	-	SILTY SAND	0	0	0
15.720000	32.556667	36	2	-11.0	-	SILTY SAND	0	0	0
15.720000	32.556667	36	2	-12.0	-	SILTY SAND	0	0	0
15.720000	32.556667	36	2	-13.0	-	SILTY SAND	0	0	0
15.720000	32.556667	36	2	-14.0	-	SILTY SAND	0	0	0
15.720000	32.556667	36	2	-15.0	-	SILTY SAND	0	0	0

N	M	C%	yb_KNm3	yd_KNm3	She_deg	She_C_KNm2	%Pass_sieve	SPT_Blow	SPT_N_Value	U_W_KN/m3	Location
0	0	0	0	0	0	0	0	0	0	0	Halfaya
0	0	0	0	0	0	0	0	0	0	0	Halfaya
0	0	0	0	0	0	0	0	0	0	0	Halfaya
0	0	0	0	0	0	0	0	0	0	0	Halfaya
0	0	0	0	0	0	0	0	0	0	0	Halfaya
0	0	0	0	34	9	0	0	0	0	18.7	Halfaya
0	0	0	0	0	0	0	0	0	0	0	Halfaya
0	0	0	0	0	0	0	0	0	0	0	Halfaya
0	0	0	0	37	6	0	0	0	0	18.5	Halfaya
0	0	0	0	0	0	0	0	0	0	0	Halfaya
0	0	0	0	0	0	0	0	0	0	0	Halfaya
0	0	0	0	0	0	0	0	0	0	0	Halfaya
0	0	0	0	0	0	0	0	0	0	0	Halfaya
0	0	0	0	0	0	0	0	0	0	0	Halfaya
0	0	0	0	0	0	0	0	0	0	0	Halfaya
0	0	0	0	38	4	0	0	0	0	18.9	Halfaya

17 Textile_37

N	E	Serial	BH	Depth	Group_symbol	Att_L_L%	Att_P_L%	Att_P_1%
15.656389	32.546667	37	1	-1.0	CL	40	17	23
15.656389	32.546667	37	1	-2.0	SM	0	0	0
15.656389	32.546667	37	1	-3.0	SM	0	0	0
15.656389	32.546667	37	1	-4.0	CH	51	20	31
15.656389	32.546667	37	1	-5.0	CH	0	0	0
15.656389	32.546667	37	1	-6.0	ML	0	NP	NP
15.656389	32.546667	37	1	-7.0	ML	0	NP	NP
15.656389	32.546667	37	1	-8.0	ML	0	0	0
15.656389	32.546667	37	1	-9.0	ML	0	NP	NP
15.656389	32.546667	37	1	-10.0	ML	0	NP	NP
15.656389	32.546667	37	1	-11.0	SM	0	0	0
15.656389	32.546667	37	1	-12.0	SP-SM	0	0	0

N_M_C%	y_b_KNm3	y_d_KNm3	She_deg	She_C_KNm2	%Pass_sieve	SPT_Blows	SPT_N_Value	Location
11	21.92	19.62	13	350	50.57	0	0	Textile
0	0	0	0	0	0	0	0	Textile
0	0	0	0	0	14.6	6.3.5.5.7	20	Textile
0	0	0	0	0	62.92	6.8.9.12.14	43	Textile
0	0	0	0	0	0	0	0	Textile
0	0	0	0	0	73.34	17.20.24.7	50	Textile
0	0	0	0	0	68.75	15.14.16.17.4	50	Textile
0	0	0	0	0	0	0	0	Textile
0	0	0	0	0	53.42	10.7.10.10.12	39	Textile
0	0	0	0	0	28.4	8.7.9.12.14	42	Textile
0	0	0	0	0	0	0	0	Textile
0	0	0	0	0	6.04	7.6.8.10.12	36	Textile

37 Textile_37

N	E	Serial	BH	Depth	Group_symbol	Att L %	Att P %	Att P %
15.656389	32.546667	37	2	-1.0	SC	55	19	36
15.656389	32.546667	37	2	-2.0	SC	0	0	0
15.656389	32.546667	37	2	-3.0	SM	0	NP	NP
15.656389	32.546667	37	2	-4.0	CH	58	26	32
15.656389	32.546667	37	2	-5.0	CH	0	0	0
15.656389	32.546667	37	2	-6.0	ML	0	NP	NP
15.656389	32.546667	37	2	-7.0	ML	0	NP	NP
15.656389	32.546667	37	2	-8.0	ML	0	0	0

[illegible]

8 Kadaro_38

N	E	Serial	BH	Depth	Group_symbol	Sample Type	Att L L%	Att P L%	Att P I%
15.754444	32.574167	38	1	-1.0	-	C	0	0	0
15.754444	32.574167	38	1	-2.0	SM	C	0	0	0
15.754444	32.574167	38	1	-3.0	SP-SM	SPT	0	0	0
15.754444	32.574167	38	1	-4.0	CL	C	48.56	20.2	0
15.754444	32.574167	38	1	-5.0	CL	C	0	0	0
15.754444	32.574167	38	1	-6.0	SC	C	0	0	0
15.754444	32.574167	38	1	-7.0	SC	C	0	0	0
15.754444	32.574167	38	1	-8.0	SC	C	0	0	0
15.754444	32.574167	38	1	-9.0	SC	C	0	0	0
15.754444	32.574167	38	1	-10.0	SC	C	0	0	0

[illegible]

Kabbashi_39

N	E	Serial	BH	Depth	Group	symbol	Soil Profile	Att L L%	Att P L%	Att P 1%	N M	C%
15.903333	32.577222	39	1	-1.0	-		SILTY CLAY	0	0	0	0	0
15.903333	32.577222	39	1	-2.0	-		SILTY CLAY	91.7	4	51.7	0	0
15.903333	32.577222	39	1	-3.0	-		SILTY CLAY	0	0	0	0	0
15.903333	32.577222	39	1	-4.0	-		SILTY SAND	0	0	0	0	0
15.903333	32.577222	39	1	-5.0	-		SILTY SAND	43.6	22.8	20.8	0	0
15.903333	32.577222	39	1	-6.0	-		SILTY SAND	0	0	0	0	0
15.903333	32.577222	39	1	-7.0	-		SILTY SAND	0	0	0	0	0
15.903333	32.577222	39	1	-8.0	-		SILTY SAND	28.9	24	4	0	0
15.903333	32.577222	39	1	-9.0	-		SILTY SAND	0	0	0	0	0
15.903333	32.577222	39	1	-10.0	-		SILTY SAND	0	0	0	0	0
15.903333	32.577222	39	1	-11.0	-		SILTY SAND	0	0	0	0	0
15.903333	32.577222	39	1	-12.0	-		SILTY SAND	30.9	23.7	7.2	0	0
15.903333	32.577222	39	1	-13.0	-		SILTY SAND	0	0	0	0	0
15.903333	32.577222	39	1	-14.0	-		SILTY SAND	0	0	0	0	0
15.903333	32.577222	39	1	-15.0	-		SILTY SAND	0	0	0	0	0
15.903333	32.577222	39	1	-16.0	-		SILTY SAND	0	0	0	0	0
15.903333	32.577222	39	1	-17.0	-		SILTY SAND	0	0	0	0	0
15.903333	32.577222	39	1	-18.0	-		SILTY SAND	0	0	0	0	0

[illegible]

Kabbashi_39

N	E	Serial	BH	Depth	Group symbol	Soil Profile	Att L L%	Att P L%	Att P 1%	N M C%
15.903333	32.577222	39	2	-1.0	-	SILTY CLAY	0	0	0	0
15.903333	32.577222	39	2	-2.0	-	SILTY CLAY	0	0	0	0
15.903333	32.577222	39	2	-3.0	-	SILTY CLAY	87.7	35.6	52.1	0
15.903333	32.577222	39	2	-4.0	-	SILTY SAND	0	0	0	0
15.903333	32.577222	39	2	-5.0	-	SILTY SAND	0	0	0	0
15.903333	32.577222	39	2	-6.0	-	SILTY SAND	32.9	25.3	7.6	0
15.903333	32.577222	39	2	-7.0	-	SILTY SAND	0	0	0	0
15.903333	32.577222	39	2	-8.0	-	SILTY SAND	0	0	0	0
15.903333	32.577222	39	2	-9.0	-	SILTY SAND	0	0	0	0
15.903333	32.577222	39	2	-10.0	-	SILTY SAND	0	0	0	0
15.903333	32.577222	39	2	-11.0	-	SILTY SAND	31.4	22.5	8.9	0
15.903333	32.577222	39	2	-12.0	-	SILTY SAND	0	0	0	0
15.903333	32.577222	39	2	-13.0	-	SILTY SAND	0	0	0	0
15.903333	32.577222	39	2	-14.0	-	SILTY SAND	0	0	0	0
15.903333	32.577222	39	2	-15.0	-	SILTY SAND	0	0	0	0
15.903333	32.577222	39	2	-16.0	-	SILTY SAND	0	0	0	0
15.903333	32.577222	39	2	-17.0	-	SILTY SAND	0	0	0	0
15.903333	32.577222	39	2	-18.0	-	SILTY SAND	0	0	0	0

[illegible]

40 Koko 40

N	E	Serial	BH	Depth	Group_symbol	Sample_Type	Att_L	L%	Att_P	P%	Att_T	T%
15.620556	32.585278	40	1	-1.0	-	C	0	0	0	0	0	0
15.620556	32.585278	40	1	-2.0	-	C	0	0	0	0	0	0
15.620556	32.585278	40	1	-3.0	SM	C	0	0	0	0	0	0
15.620556	32.585278	40	1	-4.0	SM	C	0	0	0	0	0	0
15.620556	32.585278	40	1	-5.0	SM	C	0	0	0	0	0	0
15.620556	32.585278	40	1	-6.0	SM	C	0	0	0	0	0	0
15.620556	32.585278	40	1	-7.0	SM	C	0	0	0	0	0	0
15.620556	32.585278	40	1	-8.0	SM	C	0	0	0	0	0	0
15.620556	32.585278	40	1	-9.0	SM	C	0	0	0	0	0	0
15.620556	32.585278	40	1	-10.0	SM	C	0	0	0	0	0	0

[illegible]

Sheikhamin_41

N	E	Serial	BH	Depth	Group_symbol	Sample_Type	Att L L%	Att P L%	Att P I%
15.559722	32.834722	41	1	-1.0	SC	C	0	0	0
15.559722	32.834722	41	1	-2.0	SC	C	0	0	0
15.559722	32.834722	41	1	-3.0	SC	C	0	0	0
15.559722	32.834722	41	1	-4.0	SC	C	0	0	0
15.559722	32.834722	41	1	-5.0	SC	C	0	0	0
15.559722	32.834722	41	1	-6.0	SC	C	0	0	0
15.559722	32.834722	41	1	-7.0	SC	C	0	0	0
15.559722	32.834722	41	1	-8.0	SC	C	0	0	0
15.559722	32.834722	41	1	-9.0	SC	C	0	0	0
15.559722	32.834722	41	1	-10.0	SC	C	0	0	0

[illegible]

2 Shegail_42

N	E	Serial	BH	Depth	Group_symbol	Sample_Type	Att_L_L%	Att_P_L%	Att_P_I%
15.765278	32.645000	42	1	-1.0	-	C	0	0	0
15.765278	32.645000	42	1	-2.0	-	C	0	0	0
15.765278	32.645000	42	1	-3.0	-	C	0	0	0
15.765278	32.645000	42	1	-4.0	SC	C	0	0	0
15.765278	32.645000	42	1	-5.0	SC	C	0	0	0
15.765278	32.645000	42	1	-6.0	SC	C	0	0	0
15.765278	32.645000	42	1	-7.0	SC	C	0	0	0
15.765278	32.645000	42	1	-8.0	SC	C	0	0	0
15.765278	32.645000	42	1	-9.0	SC	C	0	0	0
15.765278	32.645000	42	1	-10.0	SC	C	0	0	0

[illegible]

Mirghaniy_43

N	E	Serial	BH	Depth	Group_symbol	Att L L%	Att P L%	Att P I%
15.635833	32.521667	43	2	-1.0	CH	0	0	0
15.635833	32.521667	43	2	-2.0	CH	84	36	48
15.635833	32.521667	43	2	-3.0	CH	0	0	0
15.635833	32.521667	43	2	-4.0	SM	0	NP	NP
15.635833	32.521667	43	2	-5.0	SM	0	0	0
15.635833	32.521667	43	2	-6.0	SM	0	NP	NP
15.635833	32.521667	43	2	-7.0	SM	0	0	0
15.635833	32.521667	43	2	-8.0	SM	0	0	0
15.635833	32.521667	43	2	-9.0	GP	0	0	0
15.635833	32.521667	43	2	-10.0	SP	0	0	0
15.635833	32.521667	43	2	-11.0	SP	0	0	0
15.635833	32.521667	43	2	-12.0	SP	0	0	0
15.635833	32.521667	43	2	-13.0	SP	0	0	0
15.635833	32.521667	43	2	-14.0	SP	0	0	0
15.635833	32.521667	43	2	-15.0	SP	0	0	0
15.635833	32.521667	43	2	-16.0	SP	0	0	0
15.635833	32.521667	43	2	-17.0	SP	0	0	0
15.635833	32.521667	43	2	-18.0	SP	0	0	0
15.635833	32.521667	43	2	-19.0	SP	0	0	0
15.635833	32.521667	43	2	-20.0	SP-SM	0	0	0

N_M_C%	yb_KNm3	yd_KNm3	She_deg	She_C_KNm2	%Pass_sieve	SPT_Blow	SPT_N_Value	Location
0	0	0	0	0	0	0	0	Mirghaniya
0	0	0	0	0	97.3	8.5.6.8.8	27	Mirghaniya
0	0	0	0	0	0	0	0	Mirghaniya
0	0	0	0	0	43.3	15.11.10.8.9	38	Mirghaniya
0	0	0	0	0	0	0	0	Mirghaniya
0	0	0	0	0	23.5	6.4.5.5.5	19	Mirghaniya
0	0	0	0	0	0	0	0	Mirghaniya
0	0	0	0	0	12.8	7.7.9.10.14	40	Mirghaniya
0	0	0	0	0	3.9	0	0	Mirghaniya
0	0	0	0	0	1.3	1.2.1.1	4	Mirghaniya
0	0	0	0	0	0	0	0	Mirghaniya
0	0	0	0	0	3.7	0	0	Mirghaniya
0	0	0	0	0	0	0	0	Mirghaniya
0	0	0	0	0	0.5	0	0	Mirghaniya
0	0	0	0	0	0	0	0	Mirghaniya
0	0	0	0	0	2.2	4.4.6.13.15	38	Mirghaniya
0	0	0	0	0	0	0	0	Mirghaniya
0	0	0	0	0	1.8	3.5.7.11.13	36	Mirghaniya
0	0	0	0	0	0	0	0	Mirghaniya
0	0	0	0	0	6.5	0	0	Mirghaniya

Mirghaniy_43

N	E	Serial	BH	Depth	Group_symbol	Att L L%	Att P L%	Att P I%
15.635833	32.521667	43	3	-1.0	-	0	0	0
15.635833	32.521667	43	3	-2.0	CH	75	33	42
15.635833	32.521667	43	3	-3.0	CH	0	0	0
15.635833	32.521667	43	3	-4.0	SM	0	NP	NP
15.635833	32.521667	43	3	-5.0	SM	0	0	0
15.635833	32.521667	43	3	-6.0	SM	0	NP	NP
15.635833	32.521667	43	3	-7.0	SM	0	0	0
15.635833	32.521667	43	3	-8.0	SP-SM	0	0	0
15.635833	32.521667	43	3	-9.0	-	0	0	0
15.635833	32.521667	43	3	-10.0	SP	0	0	0
15.635833	32.521667	43	3	-11.0	SP-SM	0	0	0
15.635833	32.521667	43	3	-12.0	SP-SM	0	0	0
15.635833	32.521667	43	3	-13.0	CL	0	0	0
15.635833	32.521667	43	3	-14.0	CL	33	19	14
15.635833	32.521667	43	3	-15.0	SP-SM	0	0	0

N	M	C%	yb_KNm3	yd_KNm3	She_deg	She_C_KNm2	%Pass_sieve	SPT_Blow	SPT_N_Value	Location
0	0	0	0	0	0	0	0	0	0	Mirghaniya
0	0	0	0	0	0	94.1	6.5.4.5.5	19	0	Mirghaniya
0	0	0	0	0	0	0	0	0	0	Mirghaniya
0	0	0	0	0	0	45.6	11.9.12.11.12	44	0	Mirghaniya
0	0	0	0	0	0	0	0	0	0	Mirghaniya
0	0	0	0	0	0	45.7	9.7.8.11.11	37	0	Mirghaniya
0	0	0	0	0	0	0	0	0	0	Mirghaniya
0	0	0	0	0	0	5.7	14.9.8.8.9	34	0	Mirghaniya
0	0	0	0	0	0	0	0	0	0	Mirghaniya
0	0	0	0	0	0	2.9	5.9.12.14.15	50	0	Mirghaniya
0	0	0	0	0	0	0	0	0	0	Mirghaniya
0	0	0	0	0	0	8.5	7.5.9.15.13	42	0	Mirghaniya
0	0	0	0	0	0	0	0	0	0	Mirghaniya
0	0	0	0	0	0	67.3	7.5.4.6.6	21	0	Mirghaniya
0	0	0	0	0	0	6.1	0	0	0	Mirghaniya

44 Safya_44

N	E	Serial	BH	Depth	Group_symbol	Att L L%	Att P L%	Att P I%
15.651944	32.539167	44	1	-1.0	CH	0	0	0
15.651944	32.539167	44	1	-2.0	CH	73	33	40
15.651944	32.539167	44	1	-3.0	SC	44	13	31
15.651944	32.539167	44	1	-4.0	CH	55	20	35
15.651944	32.539167	44	1	-5.0	-	0	0	0
15.651944	32.539167	44	1	-6.0	CL	28	19	9
15.651944	32.539167	44	1	-7.0	-	0	0	0
15.651944	32.539167	44	1	-8.0	ML	0	NP	NP
15.651944	32.539167	44	1	-9.0	ML	0	0	0
15.651944	32.539167	44	1	-10.0	CL	27	17	10
15.651944	32.539167	44	1	-11.0	SM	0	0	0
15.651944	32.539167	44	1	-12.0	SM	0	NP	NP
15.651944	32.539167	44	1	-13.0	SM	0	0	0
15.651944	32.539167	44	1	-14.0	SM	0	NP	NP
15.651944	32.539167	44	1	-15.0	SM	0	0	0

[illegible]

44 Safya_44

N	E	Serial	BH	Depth	Group_symbol	Att L L%	Att P L%	Att P I%
15.651944	32.539167	44	2	-1.0	CH	0	0	0
15.651944	32.539167	44	2	-2.0	CH	86	33	53
15.651944	32.539167	44	2	-3.0	CH	0	0	0
15.651944	32.539167	44	2	-4.0	SC	34	16	18
15.651944	32.539167	44	2	-5.0	CH	59	31	28
15.651944	32.539167	44	2	-6.0	CL	41	24	17
15.651944	32.539167	44	2	-7.0	CL	0	0	0
15.651944	32.539167	44	2	-8.0	CL	34	19	15
15.651944	32.539167	44	2	-9.0	ML	0	0	0
15.651944	32.539167	44	2	-10.0	ML	0	NP	NP
15.651944	32.539167	44	2	-11.0	ML	0	0	0
15.651944	32.539167	44	2	-12.0	ML	0	NP	NP
15.651944	32.539167	44	2	-13.0	ML	0	NP	NP
15.651944	32.539167	44	2	-14.0	ML	0	0	0
15.651944	32.539167	44	2	-15.0	CL	33	23	10

N M C%	yb KNm3	yd KNm3	She_deg	She_C KNm2	%Pass_sieve	SPT_Blow	SPT_N_Value	Location
0	0	0	0	0	0	0	0	Safya
0	0	0	0	0	83.04	0	0	Safya
0	0	0	0	0	0	0	0	Safya
11.95	21.29	19.03	18	91.86	29.2	0	0	Safya
0	0	0	0	0	65.08	0	0	Safya
0	0	0	0	0	72.84	8.6.7.6.6	25	Safya
0	0	0	0	0	0	0	0	Safya
0	0	0	0	0	76.78	7.6.5.6.5	22	Safya
0	0	0	0	0	0	0	0	Safya
0	0	0	0	0	79.99	6.5.4.4.5	18	Safya
0	0	0	0	0	0	0	0	Safya
0	0	0	0	0	77.8	5.4.3.3.4	14	Safya
0	0	0	0	0	89.2	0	0	Safya
0	0	0	0	0	0	4.4.4.3.5	16	Safya
0	0	0	0	0	76.3	0	0	Safya

i Shambat_45

N	E	Serial	BH	Depth	Group_symbol	Att L L%	Att P L%
15.669167	32.545278	45	1	-1.0	-	0	0
15.669167	32.545278	45	1	-2.0	CH	78	29
15.669167	32.545278	45	1	-3.0	-	0	0
15.669167	32.545278	45	1	-4.0	CL	49	21
15.669167	32.545278	45	1	-5.0	-	0	0
15.669167	32.545278	45	1	-6.0	SM	0	0
15.669167	32.545278	45	1	-7.0	-	0	0
15.669167	32.545278	45	1	-8.0	-	0	0
15.669167	32.545278	45	1	-9.0	-	0	0
15.669167	32.545278	45	1	-10.0	SP-SM	0	0
15.669167	32.545278	45	1	-11.0	SP-SM	0	0
15.669167	32.545278	45	1	-12.0	SP-SM	0	0
15.669167	32.545278	45	1	-13.0	SP-SM	0	0
15.669167	32.545278	45	1	-14.0	SP-SM	0	0
15.669167	32.545278	45	1	-15.0	SP-SM	0	0

Att P L%	N M C%	Swe Pre KN/m2	%Pass sieve	SPT Blows	SPT N Value	Location
0	0	0	0	0	0	Shambat
49	20.7	20	85.2	0	0	Shambat
0	0	0	0	0	0	Shambat
28	0	0	64	6.5.5.6.7	23	Shambat
0	0	0	0	0	0	Shambat
0	0	0	20.3	8.6.5.5.6	22	Shambat
0	0	0	0	0	0	Shambat
0	0	0	16.7	4.6.6.5.5	22	Shambat
0	0	0	0	0	0	Shambat
0	0	0	11	6.4.4.5.5	18	Shambat
0	0	0	0	0	0	Shambat
0	0	0	11	5.4.3.3.4	14	Shambat
0	0	0	0	0	0	Shambat
0	0	0	9.4	4.3.4.4.4	15	Shambat
0	0	0	0	0	0	Shambat

46 Safya 46

N	E	Serial	BH	Depth	Group_symbol	Att_L_L%	Att_P_L%	Att_P_I%
15.648056	32.542778	46	1	-1.0	CH	75	30	45
15.648056	32.542778	46	1	-2.0	CH	97	29	68
15.648056	32.542778	46	1	-3.0	CH	0	0	0
15.648056	32.542778	46	1	-4.0	SC	41	23	18
15.648056	32.542778	46	1	-5.0	ML	42	28	14
15.648056	32.542778	46	1	-6.0	ML	0	0	0
15.648056	32.542778	46	1	-7.0	ML	0	0	0
15.648056	32.542778	46	1	-8.0	ML	41	30	11
15.648056	32.542778	46	1	-9.0	ML	0	0	0
15.648056	32.542778	46	1	-10.0	SM	35	27	8
15.648056	32.542778	46	1	-11.0	-	0	0	0
15.648056	32.542778	46	1	-12.0	SM	0	NP	NP
15.648056	32.542778	46	1	-13.0	-	0	0	0
15.648056	32.542778	46	1	-14.0	-	0	NP	NP
15.648056	32.542778	46	1	-15.0	-	0	0	0
15.648056	32.542778	46	1	-16.0	SP-SM	0	0	0
15.648056	32.542778	46	1	-17.0	-	0	0	0
15.648056	32.542778	46	1	-18.0	-	0	0	0
15.648056	32.542778	46	1	-19.0	-	0	0	0
15.648056	32.542778	46	1	-20.0	-	0	0	0

[illegible]

46 Safya_46

N	E	Serial	BH	Depth	Group_symbol	Att L L%	Att P L%	Att P_1%
15.648056	32.542778	46	2	-1.0	CH	77	24	53
15.648056	32.542778	46	2	-2.0	CH	47	18	29
15.648056	32.542778	46	2	-3.0	CH	0	0	0
15.648056	32.542778	46	2	-4.0	ML	41	33	8
15.648056	32.542778	46	2	-5.0	ML	0	0	0
15.648056	32.542778	46	2	-6.0	SC	46	27	19
15.648056	32.542778	46	2	-7.0	SC	0	0	0
15.648056	32.542778	46	2	-8.0	ML	50	32	18
15.648056	32.542778	46	2	-9.0	ML	0	0	0
15.648056	32.542778	46	2	-10.0	ML	38	29	9
15.648056	32.542778	46	2	-11.0	-	0	0	0
15.648056	32.542778	46	2	-12.0	SM	0	NP	NP
15.648056	32.542778	46	2	-13.0	-	0	0	0
15.648056	32.542778	46	2	-14.0	-	0	NP	NP
15.648056	32.542778	46	2	-15.0	-	0	0	0
15.648056	32.542778	46	2	-16.0	-	0	NP	NP
15.648056	32.542778	46	2	-17.0	-	0	0	0
15.648056	32.542778	46	2	-18.0	-	0	0	0
15.648056	32.542778	46	2	-19.0	-	0	0	0
15.648056	32.542778	46	2	-20.0	SP-SM	0	0	0

N_M_C%	y_b_KNm3	y_d_KNm3	She_deg	She_C_KNm2	%Pass_sieve	SPT_Blow	SPT_N_Value	Location
0	0	0	0	0	74.2	0	0	Safya
17.41	21.19	18.05	24	342.22	60.7	0	0	Safya
0	0	0	0	0	0	0	0	Safya
32.89	0	0	0	0	79.6	0	0	Safya
0	0	0	0	0	0	0	0	Safya
0	0	0	0	0	46	0	0	Safya
0	0	0	0	0	0	0	0	Safya
0	0	0	0	0	86.7	6.5.5.5.4	19	Safya
0	0	0	0	0	0	0	0	Safya
0	0	0	0	0	82.9	5.4.4.4.3	15	Safya
0	0	0	0	0	0	0	0	Safya
0	0	0	0	0	45.3	4.3.3.3.4	13	Safya
0	0	0	0	0	0	0	0	Safya
0	0	0	0	0	30	5.4.3.4.4	15	Safya
0	0	0	0	0	0	0	0	Safya
0	0	0	0	0	14.3	4.3.3.2.3	11	Safya
0	0	0	0	0	0	0	0	Safya
0	0	0	0	0	13.6	6.5.6.6.6	23	Safya
0	0	0	0	0	0	0	0	Safya
0	0	0	0	0	7.8	0	0	Safya

7 Kafouri 47

N	E	Serial	BH	Depth	Group_symbol	Att L %	Att P %	Att P %
15.642222	32.577500	47	1	-1.0	CH	77	28	49
15.642222	32.577500	47	1	-2.0	SC	32	18	14
15.642222	32.577500	47	1	-3.0	SP-SM	0	0	0
15.642222	32.577500	47	1	-4.0	-	0	0	0
15.642222	32.577500	47	1	-5.0	-	0	0	0
15.642222	32.577500	47	1	-6.0	SM	0	0	0
15.642222	32.577500	47	1	-7.0	-	0	0	0
15.642222	32.577500	47	1	-8.0	SP-SM	0	0	0
15.642222	32.577500	47	1	-9.0	SM	0	0	0
15.642222	32.577500	47	1	-10.0	-	0	0	0

[illegible]

8 Kafouri_48

N	E	Serial	BH	Depth	Group_symbol	Att L L%	Att P L%
15.633611	32.574722	48	2	-1.0	CH	0	0
15.633611	32.574722	48	2	-2.0	CH	86	26
15.633611	32.574722	48	2	-3.0	CH	0	0
15.633611	32.574722	48	2	-4.0	CH	68	27
15.633611	32.574722	48	2	-5.0	CH	0	0
15.633611	32.574722	48	2	-6.0	CH	86	25
15.633611	32.574722	48	2	-7.0	SM	0	0
15.633611	32.574722	48	2	-8.0	SM	0	0
15.633611	32.574722	48	2	-9.0	SM	0	0
15.633611	32.574722	48	2	-10.0	SM	0	0
15.633611	32.574722	48	2	-11.0	-	0	0
15.633611	32.574722	48	2	-12.0	SP-SM	0	0
15.633611	32.574722	48	2	-13.0	-	0	0
15.633611	32.574722	48	2	-14.0	-	0	0
15.633611	32.574722	48	2	-15.0	-	0	0
15.633611	32.574722	48	2	-16.0	SM	0	0
15.633611	32.574722	48	2	-17.0	-	0	0
15.633611	32.574722	48	2	-18.0	-	0	0
15.633611	32.574722	48	2	-19.0	-	0	0
15.633611	32.574722	48	2	-20.0	-	0	0

N M C%	yb KNm3	yd KNm3	She_deg	She_C KNm2	%Pass_sieve	SPT_Blow	SPT_N Value
0	0	0	0	0	0	0	0
23.54	19.02	15.4	17	20	91.9	0	0
0	0	0	0	0	0	0	0
20.54	0	0	0	0	87	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	92.3	12.13.14.11.10	48
0	0	0	0	0	0	0	0
0	0	0	0	0	19.6	7.6.7.6.6.5	30
0	0	0	0	0	0	0	0
0	0	0	0	0	19.9	6.5.7.6.4	22
0	0	0	0	0	0	0	0
0	0	0	0	0	10.8	8.9.7.7.6	29
0	0	0	0	0	0	0	0
0	0	0	0	0	10.7	6.5.6.5.5	21
0	0	0	0	0	0	0	0
0	0	0	0	0	13.5	5.5.4.6.6	21
0	0	0	0	0	0	0	0
0	0	0	0	0	21.8	5.4.4.5.4	21
0	0	0	0	0	0	0	0
0	0	0	0	0	21.7	0	0

8 Kafouri_48

N	E	Serial	BH	Depth	Group_symbol	Att_L_L%	Att_P_L%	Att_P_I%
15.633611	32.574722	48	3	-1.0	CH	0	0	0
15.633611	32.574722	48	3	-2.0	CH	80	33	47
15.633611	32.574722	48	3	-3.0	CH	0	0	0
15.633611	32.574722	48	3	-4.0	CH	79	30	49
15.633611	32.574722	48	3	-5.0	CH	0	0	0
15.633611	32.574722	48	3	-6.0	CH	85	30	55
15.633611	32.574722	48	3	-7.0	SM	0	0	0
15.633611	32.574722	48	3	-8.0	SM	0	0	0
15.633611	32.574722	48	3	-9.0	SM	0	0	0
15.633611	32.574722	48	3	-10.0	SM	0	0	0

N_M_C%	yb_KNm3	yd_KNm3	She_deg	She_C_KNm2	%Pass_sieve	SPT_Blows	SPT_N_Value	Location
0	0	0	0	0	0	0	0	Kafouri
17.61	0	0	0	0	97.8	0	0	Kafouri
0	0	0	0	0	0	0	0	Kafouri
0	0	0	0	0	99.8	15.20.18.13	50	Kafouri
0	0	0	0	0	0	0	0	Kafouri
0	0	0	0	0	94.5	14.15.17.21	50	Kafouri
0	0	0	0	0	0	0	0	Kafouri
0	0	0	0	0	18.2	7.6.6.7.6	25	Kafouri
0	0	0	0	0	0	0	0	Kafouri
0	0	0	0	0	18.5	6.5.6.5.5	21	Kafouri

9 Kafouri_49

N	E	Serial	BH	Depth	Group_symbol	Att L L%	Att P L%	Att P I%
15.624722	32.575000	49	1	-1.0	-	0	0	0
15.624722	32.575000	49	1	-2.0	CH	57	22	35
15.624722	32.575000	49	1	-3.0	-	0	0	0
15.624722	32.575000	49	1	-4.0	CH	51	22	29
15.624722	32.575000	49	1	-5.0	CL	47	21	26
15.624722	32.575000	49	1	-6.0	CL	46	22	24
15.624722	32.575000	49	1	-7.0	CL	50	24	26
15.624722	32.575000	49	1	-8.0	CH	57	20	37
15.624722	32.575000	49	1	-9.0	-	0	0	0
15.624722	32.575000	49	1	-10.0	-	0	0	0
15.624722	32.575000	49	1	-11.0	-	0	0	0
15.624722	32.575000	49	1	-12.0	-	0	0	0
15.624722	32.575000	49	1	-13.0	-	0	0	0

N_M_C%	yb_KNm3	yd_KNm3	She_deg	She_C_KNm2	%Pass_sieve	SPT_Blow	SPT_N_Value	Location
0	0	0	0	0	0	0	0	Kafouri
0	0	0	0	0	75.3	0	0	Kafouri
0	0	0	0	0	0	0	0	Kafouri
0	0	0	0	0	74.1	0	0	Kafouri
0	0	0	0	0	71.4	0	0	Kafouri
0	0	0	0	0	69.7	0	0	Kafouri
0	0	0	0	0	79.1	0	0	Kafouri
0	0	0	0	0	0	0	0	Kafouri
0	0	0	0	0	0	0	0	Kafouri
0	0	0	0	0	0	0	0	Kafouri
0	0	0	0	0	0	0	0	Kafouri
0	0	0	0	0	0	9.8.8.9.8	33	Kafouri
0	0	0	0	0	0	6.6.5.8.7	26	Kafouri

O Kafouri_50

N	E	Serial	BH	Depth	Group symbol	Att L L%	Att P L%	Att P I%
15.626389	32.567778	50	1	-1.0	SC	34	21	13
15.626389	32.567778	50	1	-2.0	SC	0	0	0
15.626389	32.567778	50	1	-3.0	ML	0	NP	NP
15.626389	32.567778	50	1	-4.0	ML	0	NP	NP
15.626389	32.567778	50	1	-5.0	ML	0	0	0
15.626389	32.567778	50	1	-6.0	ML	0	NP	NP
15.626389	32.567778	50	1	-7.0	ML	0	NP	NP
15.626389	32.567778	50	1	-8.0	ML	0	0	0
15.626389	32.567778	50	1	-9.0	ML	0	NP	NP
15.626389	32.567778	50	1	-10.0	SP-SM	0	0	0
15.626389	32.567778	50	1	-11.0	SP-SM	0	0	0
15.626389	32.567778	50	1	-12.0	-	0	0	0
15.626389	32.567778	50	1	-13.0	SM	0	0	0
15.626389	32.567778	50	1	-14.0	-	0	0	0
15.626389	32.567778	50	1	-15.0	-	0	0	0

N M C%	yb KNm3	yd KNm3	She deg	She C KNm2	%Pass sieve	SPT Blows	SPT N Value	Location
12.3	0	0	0	0	35.7	14.11.14.14.12	50	Kafouri
0	0	0	0	0	0	0	0	Kafouri
18.5	0	0	0	0	63.62	4.9.11.12.14	46	Kafouri
33.1	0	0	0	0	73.11	9.7.7.9.11	34	Kafouri
0	0	0	0	0	0	0	0	Kafouri
26.9	0	0	0	0	79.53	6.4.6.8.10	28	Kafouri
32.3	0	0	0	0	78.6	4.2.3.3.4	12	Kafouri
0	0	0	0	0	0	0	0	Kafouri
23.7	0	0	0	0	74.64	9.6.7.8.10	31	Kafouri
18.3	0	0	0	0	10.85	3.2.2.3.3	10	Kafouri
0	0	0	0	0	0	0	0	Kafouri
17.7	0	0	0	0	8.61	5.3.4.5.7	19	Kafouri
0	0	0	0	0	19.25	6.3.4.4.4	15	Kafouri
0	0	0	0	0	15.78	0	0	Kafouri
0	0	0	0	0	0	4.6.5.5.4	20	Kafouri

0 Kafouri_50

N	E	Serial	BH	Depth	Group_symbol	Att_L_L%	Att_P_L%	Att_P_I%
15.626389	32.567778	50	2	-1.0	SC	37	17	20
15.626389	32.567778	50	2	-2.0	SC	0	0	0
15.626389	32.567778	50	2	-3.0	GM	0	NP	NP
15.626389	32.567778	50	2	-4.0	GM	0	0	0
15.626389	32.567778	50	2	-5.0	ML	0	NP	NP
15.626389	32.567778	50	2	-6.0	ML	0	NP	NP
15.626389	32.567778	50	2	-7.0	ML	0	NP	NP
15.626389	32.567778	50	2	-8.0	ML	0	0	0
15.626389	32.567778	50	2	-9.0	ML	0	NP	NP
15.626389	32.567778	50	2	-10.0	SM	0	0	0

N_M_C%	yb_KNm3	yd_KNm3	She_deg	She_C_KNm2	%Pass_sieve	SPT_Blows	SPT_N_Value	Location
0	0	0	0	0	32.69	11.10.10.12.13	45	Kafouri
0	0	0	0	0	0	0	0	Kafouri
0	0	0	0	0	48.79	5.9.10.10.12	41	Kafouri
0	0	0	0	0	0	0	0	Kafouri
0	0	0	0	0	57.84	7.8.8.9.11	36	Kafouri
0	0	0	0	0	62.8	5.5.6.6.8	25	Kafouri
0	0	0	0	0	82.47	5.3.3.3.4	13	Kafouri
0	0	0	0	0	0	0	0	Kafouri
0	0	0	0	0	72.61	7.5.7.8.9	29	Kafouri
0	0	0	0	0	24.71	5.4.4.4.6	18	Kafouri

0 Kafouri_50

N	E	Serial	BH	Depth	Group_symbol	Att_L_L%	Att_P_L%	Att_P_I%
15.626389	32.567778	50	3	-1.0	SC	28	23	5
15.626389	32.567778	50	3	-2.0	SC	0	0	0
15.626389	32.567778	50	3	-3.0	ML	0	NP	NP
15.626389	32.567778	50	3	-4.0	ML	0	NP	NP
15.626389	32.567778	50	3	-5.0	ML	0	0	0
15.626389	32.567778	50	3	-6.0	ML	0	NP	NP
15.626389	32.567778	50	3	-7.0	ML	0	NP	NP
15.626389	32.567778	50	3	-8.0	ML	0	0	0
15.626389	32.567778	50	3	-9.0	ML	0	0	0
15.626389	32.567778	50	3	-10.0	ML	0	0	0

[illegible]

1 Kafouri_51

N	E	Serial	BH	Depth	Group_symbol	Att L L%	Att P L%	Att P I%
15.626667	32.560000	51	2	-1.0	SM	0	0	0
15.626667	32.560000	51	2	-2.0	-	0	0	0
15.626667	32.560000	51	2	-3.0	SP-SM	0	0	0
15.626667	32.560000	51	2	-4.0	-	0	0	0
15.626667	32.560000	51	2	-5.0	-	0	0	0
15.626667	32.560000	51	2	-6.0	SP	0	0	0
15.626667	32.560000	51	2	-7.0	-	0	0	0
15.626667	32.560000	51	2	-8.0	-	0	0	0
15.626667	32.560000	51	2	-9.0	ML	0	0	0
15.626667	32.560000	51	2	-10.0	ML	0	0	0
15.626667	32.560000	51	2	-11.0	SP	0	0	0
15.626667	32.560000	51	2	-12.0	SM	52	37	15
15.626667	32.560000	51	2	-13.0	-	0	0	0
15.626667	32.560000	51	2	-14.0	-	0	0	0
15.626667	32.560000	51	2	-15.0	-	33	23	10

N_M_C%	y_b_KNm3	y_d_KNm3	She_deg	She_C_KNm2	%Pass_sieve	SPT_Blow	SPT_N_Value	Location
0	0	0	0	0	16.08	5.3.7.5.7	21	Kafouri
0	0	0	0	0	0	0	0	Kafouri
0	0	0	0	0	6.36	7.3.6.5.8	22	Kafouri
0	0	0	0	0	5.21	3.3.3.5.7	18	Kafouri
0	0	0	0	0	0	0	0	Kafouri
0	0	0	0	0	1.68	6.7.5.6.7	25	Kafouri
0	0	0	0	0	0.83	9.4.5.6.9	24	Kafouri
0	0	0	0	0	0	0	0	Kafouri
0	0	0	0	0	60.98	9.8.11.15.16	50	Kafouri
0	0	0	0	0	0	0	0	Kafouri
0	0	0	0	0	0	0	0	Kafouri
0	0	0	0	0	44.04	6.4.5.7.12	28	Kafouri
0	0	0	0	0	0	7.9.10.8.7	34	Kafouri
0	0	0	0	0	0	0	0	Kafouri
0	0	0	0	0	31.99	23.9.10.9.10	38	Kafouri

51 Kafouri_51

N	E	Serial	BH	Depth	Group_symbol	Att L L%	Att P L%	Att P I%
15.626667	32.560000	51	3	-1.0	SP	0	0	0
15.626667	32.560000	51	3	-2.0	-	0	0	0
15.626667	32.560000	51	3	-3.0	SW	0	0	0
15.626667	32.560000	51	3	-4.0	-	0	0	0
15.626667	32.560000	51	3	-5.0	SP	0	0	0
15.626667	32.560000	51	3	-6.0	-	0	0	0
15.626667	32.560000	51	3	-7.0	-	0	0	0
15.626667	32.560000	51	3	-8.0	ML	0	0	0
15.626667	32.560000	51	3	-9.0	ML	49	35	14
15.626667	32.560000	51	3	-10.0	ML	0	0	0
15.626667	32.560000	51	3	-11.0	ML	48	34	14
15.626667	32.560000	51	3	-12.0	ML	46	30	16
15.626667	32.560000	51	3	-13.0	ML	31	25	6
15.626667	32.560000	51	3	-14.0	ML	0	0	0
15.626667	32.560000	51	3	-15.0	SM	0	NP	NP
15.626667	32.560000	51	3	-16.0	-	0	0	0
15.626667	32.560000	51	3	-17.0	SP	0	0	0
15.626667	32.560000	51	3	-18.0	-	0	0	0
15.626667	32.560000	51	3	-19.0	-	0	0	0
15.626667	32.560000	51	3	-20.0	-	0	NP	NP
15.626667	32.560000	51	3	-21.0	-	0	0	0
15.626667	32.560000	51	3	-22.0	-	0	0	0
15.626667	32.560000	51	3	-23.0	-	0	0	0
15.626667	32.560000	51	3	-24.0	-	0	0	0
15.626667	32.560000	51	3	-25.0	-	0	0	0

N	M C%	yb_KNm3	yd_KNm3	She_deg	She_C_KNm2	%Pass_sieve	SPT Blows	SPT N Value	Location
0	0	0	0	0	0	1.31	5.7.7.7.7	28	Kafouri
0	0	0	0	0	0	0	0	0	Kafouri
0	0	0	0	0	0	3.2	5.3.7.3.5	18	Kafouri
0	0	0	0	0	0	0	0	0	Kafouri
0	0	0	0	0	0	0.22	7.5.7.5.6	23	Kafouri
0	0	0	0	0	0	3.65	5.3.7.7.5	22	Kafouri
0	0	0	0	0	0	0	0	0	Kafouri
0	0	0	0	0	0	61.02	11.7.11.14.8	40	Kafouri
0	0	0	0	0	0	95.03	3.6.8.8.11	34	Kafouri
0	0	0	0	0	0	0	0	0	Kafouri
0	0	0	0	0	0	96.32	7.8.11.6.6	31	Kafouri
0	0	0	0	0	0	66.89	3.5.9.9.11	34	Kafouri
0	0	0	0	0	0	85.27	9.8.12.13.9	42	Kafouri
0	0	0	0	0	0	0	0	0	Kafouri
0	0	0	0	0	0	44.51	5.5.7.9.15	36	Kafouri
0	0	0	0	0	0	0	0	0	Kafouri
0	0	0	0	0	0	0.27	10.9.11.12.9	41	Kafouri
0	0	0	0	0	0	1.69	12.12.10.11.6	39	Kafouri
0	0	0	0	0	0	0	0	0	Kafouri
0	0	0	0	0	0	64.01	18.12.21.18	50	Kafouri
0	0	0	0	0	0	3.37	12.16.18.16	50	Kafouri
0	0	0	0	0	0	0	51	50	Kafouri
0	0	0	0	0	0	10.55	0	0	Kafouri
0	0	0	0	0	0	0	51	50	Kafouri
0	0	0	0	0	0	33.27	0	0	Kafouri