

BOREHOLE	SAMPLE	DEPTH	CLASSIFICATION ACCORDING TO ASTMUSCS	ASTMUSCS CLASSIFICATION	GRAIN SIZE ANALYSIS					ATTERBERG LIMITS			BULK DENSITY		SPECIFIC GRAVITY	MOISTURE CONTENT	RELATIVE DENSITY D <sub>r</sub>	VOID RATIO e	SATURATION DEGREE S <sub>r</sub>	ORGANIC CONTENT	CaCO <sub>3</sub>	SULPHATE CONTENT
					GRAVEL	SAND	SILT	CLAY	SILT+CLAY	LIQUID LIMIT WL	PLASTICITY LIMIT WP	PLASTICITY INDEX IP	WET γ <sub>wet</sub>	DRY γ <sub>dry</sub>								
		m			%	%	%	%	%	%	%	kN/m <sup>3</sup>	kN/m <sup>3</sup>	%								
M8	Δ1	3.9	Poorly graded sand with silt	SM-SP	29	61			10			NP			2.650	2.6						
M8	Δ2	7.9	Poorly graded sand with silt	SM-SP	16	78			6			NP				18.0						
M8	Δ3	9.9	Poorly graded sand with silt	SM-SP	0	74			26			NP				13.0						
M8	Δ4	13.9	Poorly graded sand with silt	SM-SP	3	89			8			NP			2.570	22.0						
M8	Δ5	14.8	Clayey gravel with sand, sandy lean clay	GC,CL	46	16			38	37	24	13			2.610	28.0						
M8	Δ6	15.9	Silty sand, sandy silt	SM,ML	0	55			45			NP		16.80		16.0						
M8	Δ7	17.3	Poorly graded sand with silt	SM-SP	0	94			6			NP				24.0						
M8	Δ8	19.9	Poorly graded sand with silt	SM-SP	0	92			8			NP				24.0						
M8	Δ9	23.9	Poorly graded sand with silt	SM-SP	0	95			5			NP			2.650	22.0						
M8	Δ10	27.9	Poorly graded sand with silt	SM-SP	0	97			3			NP				25.0						
M8	Δ11	29.9	Poorly graded sand	SP	21	77			2			NP			2.600	23.0						
M8	Δ12	33.9	Poorly graded sand with silt	SM-SP	0	93			7			NP				20.0						
M8	Δ13	37.9	Silty sand	SM	31	56			13			NP				23.0						
M8	Δ14	42.3	Silty sand	SM	0	86			14			NP				27.0						
M8	Δ15	45.9	Silty sand	SM	0	85			15			NP			2.640	22.0						
M12	Δ1	3.90	Silty sand	SM	20	62			18	NP	NP	NP			2.62	2.7						
M12	Δ2	7.30	Silty sand	SM	31	52			17	NP	NP	NP				8.8						
M12	Δ3	9.90	Silty sand	SM	3	64			33	NP	NP	NP			2.59	11.0						
M12	Δ4	13.90	Silty sand	SM	0	88			12	NP	NP	NP		16.20		13.0						
M12	Δ5	14.80	Silty sand	SM	5	60			35	NP	NP	NP		18.00		20.0						
M12	Δ6	15.90	Silty sand	SM	0	56			44	NP	NP	NP				24.0						
M12	Δ7	17.90	Silty sand	SM	0	61			39	NP	NP	NP				19.0						
M12	Δ8	20.70	Silty sand	SM	0	62			38	NP	NP	NP			2.63	20.0						
M12	Δ9	23.90	Poorly graded sand with silt	SM-SP	0	94			6	NP	NP	NP				28.0						
M12	Δ10	26.90	Poorly graded sand with silt	SM-SP	0	89			11	NP	NP	NP				26.0						
M12	Δ11	29.90	Poorly graded gravels with silt and sand	GM-GP	65	27			8	NP	NP	NP			2.62	6.9						
M12	Δ12	32.80	Poorly graded sand	SP	0	97			3	NP	NP	NP				25.0						
M12																						