RECAPITULATIVE TABLE OF RESULTS OF LABORATORY TESTS - SOIL MECHANICAL PROPERTIES

BOREHOLE	SAMPLE	DEPTH	CLASSIFICATION ACCORDING TO ASTM/USCS	ASTM/USCS CLASSIFICATION	UNCONFINED COMPRESSION		SHEAR TEST						TRIAXIAL TEST							OEDOMETER TEST								SWELLING TEST		PERMEABILITY				PROCTOR TEST				CBR
							CU		UU		CD		UU	CD		CUPP				COMPRESSION MODULUS Es					Cc	e_o	Cv			PERMEABILITY COEF.				STANDARD		MODIFIED		
					STRESS	STRAIN	FRICTION ANGLE φ	COHESION c	FRICTION ANGLE φ	COHESION c	FRICTION ANGLE φ	COHESION c	UNDRAINED STRENGTH c	FRICTION ANGLE φ	COHESION c	EFFECTIVE φ	TOTAL φ	EFFECTIVE c	TOTAL c	σ = 50 KN/m²	σ = 100 KN/m²	σ = 200 KN/m²	σ = 400 KN/m²	σ = 800 KN/m²	COMPRESSIBILITY INDEX	INITIAL VOID RATIO	CONSOLIDATION COEF.	SWELLING STRESS	SWELLING PERCENTAGE	$σ_1$ =	$σ_2$ =	$σ_3$ =	H=	MAX DRY DENSITY	OPTIMUM MOISTURE CONTENT	MAX DRY DENSITY	OPTIMUM MOISTURE CONTENT	C.B.R. INDEX
		m			KN/m²	%	o	KN/m²	o	KN/m²	o	KN/m²	KN/m²	o	KN/m²	o	o	KN/m²	KN/m²	KN/m²	KN/m²	KN/m²	KN/m²			m²/year	KN/m²	%	cm/sec				gr/cm³	%	gr/cm³	%	%
M8		14,5-15,0	Gravel and clay	GC, CL					38	2																													
M8	Δ15	15.9	Sand and silt	SM, ML									417																										
M8	Δ19	19.9	Sand	SM-SP					41	26																													
M8	Δ27	27.9	Sand	SM-SP			41	5																															
M8	Δ33	33.9	Sand	SM-SP			42	19																															
M8		42,0-42,5	Sand	SM			42	19																															
M12	Δ3	9.90	Silty sand	SM					39	16																													
M12	Δ4	13.90	Silty sand	SM			38	45																															
M12	Δ5	14,50-15,00	Silty sand	SM									239								27300				0.042	0.447	-												
M12	Δ8	20,50-20,80	Silty sand	SM					40	27																													
M12	Δ10	26,80-27,00	Poorly graded sand with silt	SM-SP					39	23																													
M12	Δ12	32,50-32,80	Poorly graded sand	SP			38	38																															
M12	Δ14	38,50-38,80	Poorly graded sand with silt	SM-SP					41	21																													
M16		3.90	Poorly graded sand with silt	SM-SP					39	14																													
M16		15.90	Sandy silt, silty sand	ML,SM					38	31																													
M16	Δ7	19,60-19,80	Sandy lean clay	CL			45	15					21								10000				0.154	0.811	4.20												
M16	Δ8	21,30-21,50	Sandy silt	ML												33		4																					
M16	Δ9	23,50-23,70	Sandy silt	ML									47								6700				0.287	1.098	6.47												
M16	Δ11	29,20-29,40	Silty sand	SM												40		0																					
M16	Δ13	33.90	Poorly graded sand with silt	SM-SP			40	43																															
M16	Δ14	37,80-37,90	Poorly graded sand	SP			40	58																															
M16	Δ15	41,80-41,90	Poorly graded sand with silt	SM-SP			40	23																															
A2	Δ2	3.90	Poorly graded sand with silt	SM-SP					45	2																													
A2	Δ4	10,80-11,00	Poorly graded sand with silt	SM-SP					45	13																													
A2	Δ5	14,80-15,00	Poorly graded sand with silt	SM-SP			42	12																															
A2	Δ7	19.90	Sandy silt	ML			39	15																															
A2	Δ8	22,80-23,00	Sandy lean clay	CL									16								10400				0.140	0.757	2.89												
A2	Δ9	24,60-25,00	Sandy lean clay	CL												29		2			6400				0.283	1.048	4.59												
G48	Δ1	2,30-3,00	Poorly graded sand with silt	SP - SM			37	25																															
G48	Δ3	8,40-9,00					36	22																															
G48	Δ4	13,30-14,00	Silty sand	SM					35	78																													
G48	Δ5	14,00-14,60	Poorly graded sand with silt	SP - SM			33	58																															
G48	Δ6	16,70-17,40	Well graded sand with silt	SW - SM			38	21																															
G48	Δ7	21,70-22,40	Silty sand	SM			36	32																															
G50	Δ1	2,00-3,00	Silty sand	SM			36	19																															
G50	Δ2	6,50-7,00					36	19																															
G50	Δ3	9,20-10,00	Silty sand	SM			45	11																															
G50	Δ4	12,00-12,50	Sandy silt	ML																					0.086	0.640	8,343	0.00											
G50	Δ5	14,00-15,00							50	0																													
G50	Δ6	17,00-18,00			38	14.30																																	
G50	Δ7	20,00-21,00	Clayey sand	SC					8	50																													
G50	Δ8	23,20-24,00	Clayey sand	SC	102.1	14.30			39	42																													
GN1	Δ9	6,10-6,50	Clayey sand	SC									75								22000				0.160	0.423													
GN1	Δ14	9,50-9,60	Clayey sand	SC	302	3.66															15700				0.080	0.325													
GN1	Δ22	17,10-17,30	Clayey sand	SC	268	2.79																																	
GN2	Δ6	4,40-4,60	Clayey-silty sand with gravels	SC-SM																	10000				0.070	0.355													
GN3	Δ5	3,60-4,00	Sandy silt	ML	143	15.86															4000				0.380	1.040													
GN4	Δ7	4,40-4,70	Clayey sand	SC																	13100				0.150	0.434													
GN4	Δ9	5,90-6,30	Clayey sand	SC	287	3.08																																	
G103	Δ3	2,00-3,00	Clayey sand	SC									125																										
G103	Δ12	8,70-10,00	Silty sand	SM					48	30																													

E/081 **(*) Value of Cv is calculated for the in-situ overburden stress**