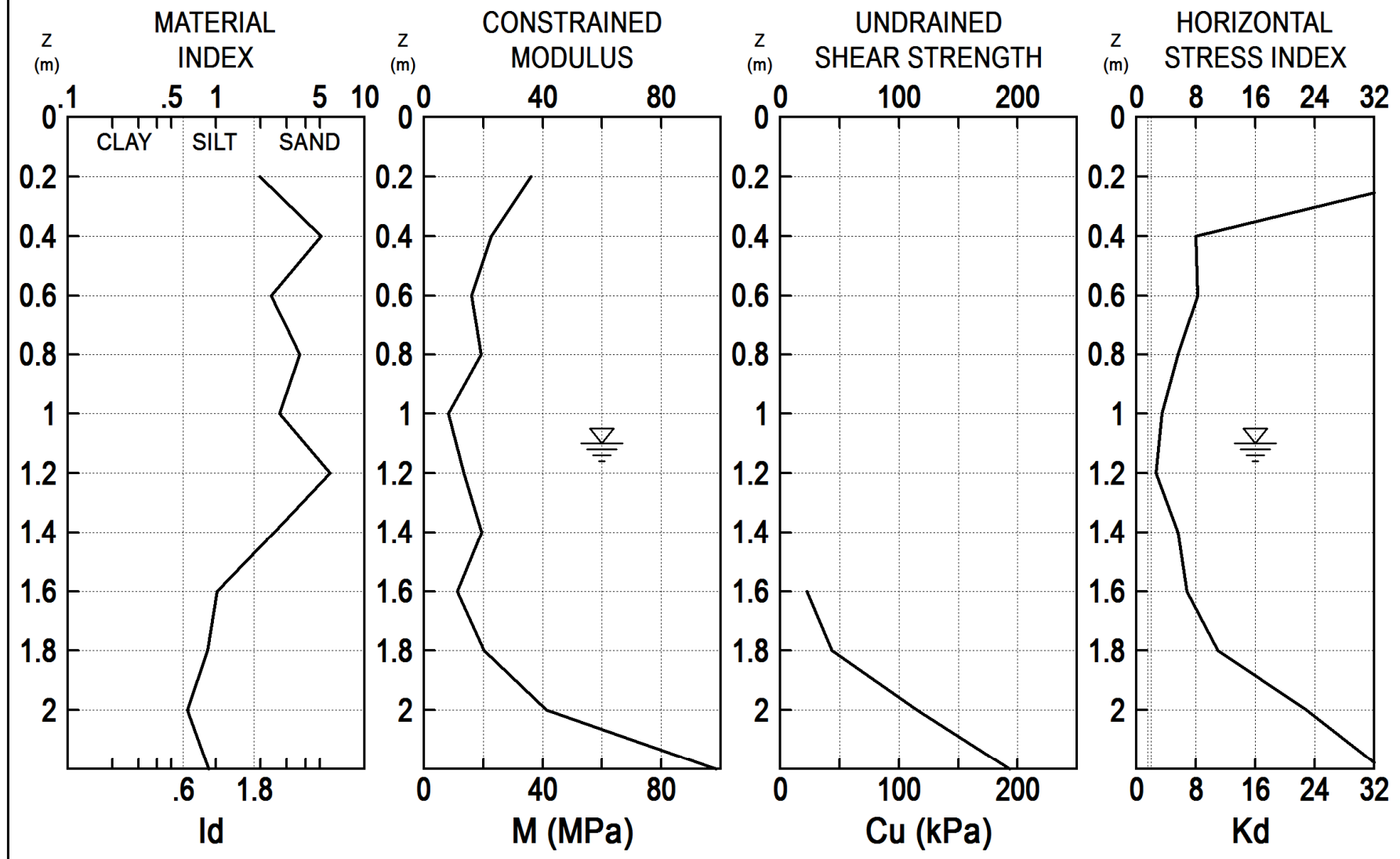
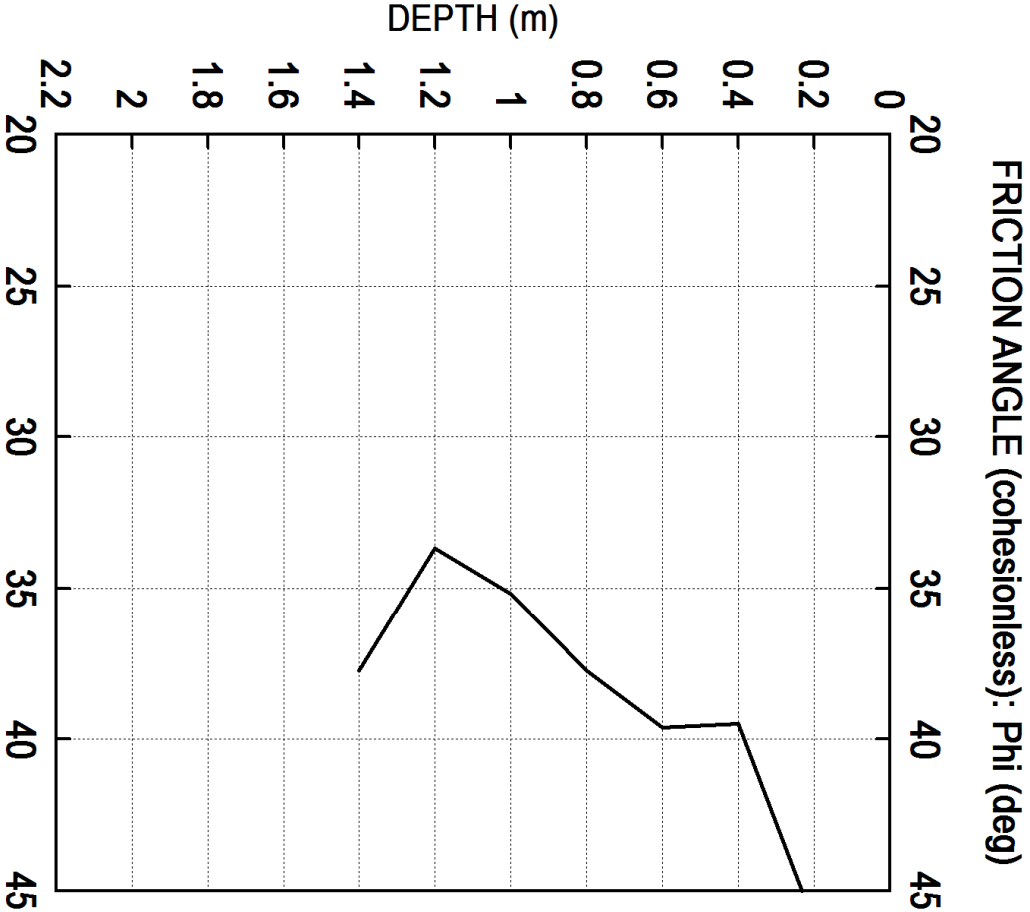


GEOSTAN SRL		GeoCon	TEST
PNUD			
J. Augusto Saldivar			DMT 1
INTERPRETED GEOTECHNICAL PARAMETERS			11 OCT 2018



GEOSTAN SRL		GeoCon	TEST
PNUD		J. Augusto Saldivar	DMT 1
INTERPRETED GEOTECHNICAL PARAMETERS			11 OCT 2018



DMT 1	LEGEND	INTERPRETED PARAMETERS	GENERAL PARAMETERS
11 OCT 2018	Z = Depth Below Ground Level	Phi = Safe floor value of Friction Angle	DeltaA = 9 kPa
GEOSTAN SRL	Po,P1,P2 = Corrected A,B,C readings	Ko = In situ earth press. coeff.	DeltaB = 75 kPa
GeoCon	Id = Material Index	M = Constrained modulus (at Sigma')	GammaTop = 17.0 kN/m^3
PNUD	Ed = Dilatometer Modulus	Cu = Undrained shear strength	FactorEd = 34.7
J.Augusto Saldivar	Ud = Pore Press. Index = (P2-Uo)/(Po-Uo)	Ocr = Overconsolidation ratio	Zm = 0.0 kPa
	Gamma = Bulk unit weight	(OCR = 'relative OCR'- generally realistic. If accurate independent OCR available, apply suitable factor)	Zabs = 99.73 m
	Sigma' = Effective overb. stress		Zw = 1.1 m
	Uo = Pore pressure		

WaterTable at 1.10 m

Reduction formulae according to Marchetti, ASCE Geot.Jnl.Mar. 1980, Vol.109, 299-321; Phi according to TC16 ISSMGE, 2001

Z (m)	A (kPa)	B (kPa)	C (kPa)	Po (kPa)	P1 (kPa)	P2 (kPa)	Gamma (kN/m^3)	Sigma' (kPa)	Uo (kPa)	Id	Kd	Ed (MPa)	Ud	Ko	Ocr	Phi (Deg)	M (MPa)	Cu (kPa)	DMT 1 DESCRIPTION
0.2	142	485		138	410		17.7	3	0	1.97	40.6	9.4				46	36.1		SILTY SAND
0.4	60	414		56	339		16.7	7	0	5.11	8.0	9.8				39	22.7		SAND
0.6	85	358		85	283		16.7	10	0	2.35	8.2	6.9				40	16.0		SILTY SAND
0.8	80	428		76	353		16.7	14	0	3.66	5.6	9.6				38	19.2		SAND
1.0	56	287		58	212		16.7	17	0	2.68	3.4	5.4				35	8.3		SILTY SAND
1.2	56	420		51	345		16.7	19	1	5.88	2.6	10.2				34	13.5		SAND
1.4	123	478		118	403		17.7	21	3	2.46	5.6	9.9				38	19.5		SILTY SAND
1.6	154	384		156	309		15.7	22	5	1.02	6.8	5.3		1.4	6.7		11.2	23	SILT
1.8	266	565		264	490		16.7	23	7	0.88	11.0	7.8		1.9	14.3		20.3	43	SILT
2.0	585	1014		577	939		17.7	25	9	0.64	22.9	12.6		3.0	45.0		41.3	115	CLAYEY SILT
2.2	911	1738		883	1663		19.1	26	11	0.89	33.1	27.1		3.7	79.8		98.3	193	SILT