SUMMARY OF LABORATORY TEST ON BORING

DRAINAGE PUMP STATION - VISSAN

Scale (m)	Boring number	Sample number	Depth (m)	Symbol	Soil class.	SAMPLE DECRIPTION	SPT (N)	SIEVE ANALYSIS , % PASSING											Natural water content w (%)	Unit weight		Specific gravity Gs	Porosity n (%)	Void ratio e_o
								Inch												Natural γ (g/cm^3)	Dry γ_d (g/cm^3)			
								3/4"	1/2"	3/8"	#4	#8	#16	#30	#50	#100	#200						
								mm																
								19	12.5	9.5	4.75	2.36	1.18	0.6	0.3	0.15	0.075	0.005						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)
1	UV-01																							
2		01-1	1.0-1.6		OH	Very soft, high plasticity, blackish grey ORGANIC CLAY.	0									100	99.1	77.6	56.04	1.418	0.909	2.577	0.65	1.836
3		01-1-1	2.1-2.5		OH	Very soft, high plasticity, blackish grey ORGANIC CLAY.	0									100	95.3	70.1	72.31	1.458	0.846	2.598	0.67	2.070
4		01-2	3.0-3.6		OH	Very soft, high plasticity, blackish grey ORGANIC CLAY.	0								100	97.7	93.5	69.5	91.76	1.471	0.767	2.607	0.71	2.398
5		01-2-1	4.1-4.5		OH	Very soft, high plasticity, blackish grey ORGANIC CLAY.	0									100	93.4	67.2	85.61	1.459	0.786	2.591	0.70	2.296
6		01-3	5.0-5.6		OH	Very soft, high plasticity, blackish grey ORGANIC CLAY.	0									100	96.6	68.4	82.44	1.463	0.802	2.585	0.69	2.224
7		01-3-1	6.1-6.5		OH	Very soft, high plasticity, blackish grey ORGANIC CLAY.	0									100	93.2	65.7	90.21	1.423	0.748	2.686	0.72	2.590
8		01-4	7.0-7.6		OH	Very soft, high plasticity, blackish grey ORGANIC CLAY.	0									100	96.2	62.8	102.89	1.390	0.685	2.576	0.73	2.760
9		01-4-1	8.1-8.5		OH	Very soft, high plasticity, blackish grey ORGANIC CLAY.	0									100	95.2	67.1	99.28	1.381	0.693	2.587	0.73	2.733
10		01-5	9.0-9.6		OH	Very soft, high plasticity, blackish grey ORGANIC CLAY.	0									100	98.2	67.8	103.54	1.351	0.664	2.575	0.74	2.879
11		01-5-1	10.1-10.5		OH	Very soft, high plasticity, blackish grey ORGANIC CLAY.	0									100	96.2	64.2	101.34	1.403	0.697	2.598	0.73	2.728
12		01-6	11.0-11.6		OH	Very soft, high plasticity, blackish grey ORGANIC CLAY.	0									100	97.4	62.8	105.18	1.392	0.678	2.573	0.74	2.793
13							0																	
14		01-7	13.0-13.6		OH	Very soft, high plasticity, blackish grey ORGANIC CLAY.	0								100	97.8	94.9	73.0	82.46	1.435	0.786	2.584	0.70	2.286
15		01-7-1	14.1-14.5		OH	Very soft, high plasticity, blackish grey ORGANIC CLAY.	0								100	95.2	90.2	71.2	76.23	1.442	0.818	2.589	0.68	2.164
16		01-8	15.0-15.6		OH	Very soft, high plasticity, blackish grey ORGANIC CLAY.	0					100	97.9	97.1	94.2	90.7	88.3	69.2	70.64	1.463	0.857	2.588	0.67	2.019
17		01-8-1	16.1-16.5		OH	Very soft, high plasticity, blackish grey ORGANIC CLAY.	2					100	95.7	94.2	91.4	88.7	86.2	64.2	75.62	1.427	0.813	2.567	0.68	2.159
18		01-9	17.0-17.6		OH	Very soft, high plasticity, blackish grey ORGANIC CLAY.	2				100	97.8	94.0	93.5	92.2	91.9	91.4	69.5	81.73	1.392	0.766	2.585	0.70	2.375
19							13																	
20		01-10	19.0-19.6		SC	Medium dense, light yellow CLAYEY SAND.	12					100	90.1	76	52.5	38	31.0	14.4	18.28	1.850	1.564	2.661	0.41	0.701
21							11																	
22		01-11	21.0-21.6		SC	Medium dense, light yellow CLAYEY SAND.	12					100	98.5	97.1	80.4	35.4	28.5	12.5	19.97	1.938	1.615	2.658	0.39	0.645
23							13																	
24		01-12	23.0-23.6		SM	Medium dense, yellowish greenish grey SILTY SAND.	13					100	99.6	98.6	86.2	30.8	22.2	8.8	24.92	1.899	1.520	2.646	0.43	0.741
25							14																	
26		01-13	25.0-25.6		SM	Medium dense, yellowish greenish grey SILTY SAND.	14					100	98.4	97.4	80.8	26.5	19.2	4.1	22.19	1.851	1.515	2.648	0.43	0.748
27							13																	
28		01-14	27.0-27.6		SM	Medium dense, yellowish greenish grey SILTY SAND.	15					100	93.5	88.6	79.5	41.8	22.1	8.4	22.50	1.901	1.552	2.656	0.42	0.712
29							14																	
30		01-15	29.0-29.6		SM	Medium dense, yellowish greenish grey SILTY SAND.	15					100	99.4	99.2	94	28.4	20.4	8.1	21.91	1.887	1.548	2.652	0.42	0.713