ABORATORY TEST ON BORING

AGE PUMP STATION - VISSAN

				Unit weight		1				Atterberg limit			Consolidation						
NG <u>#50 #100 #200</u> 0.3 0.15 0.075 0.005		conter	vity			saturation (%)							-	1	- 2	ot			
		<u>#200</u>	0.005	Natural water c w (%)	Natural Y (g/cm ³)	Dry Ya (g/cm ³)	Specific gravity Gs	Porosity n (%)	Void ratio eo	Degree satur S (%)	Liquid limit LL (%)	Plastic limit PL (%)	Plastic limit PL (%) Plastic index PI (%)	Unconfined compression q _u (Kg/cm ²)	Compression index Cc	Coefficient of consolidation Cv (cm ² /s)	Preconsolidation pressure Pc (Kg/cm ²)	Coefficient of volume compressibility mv (cm ² /g)	Coefficient o
								· (24)	(25)	(26)	(27)	· (29)	<u>م</u> (29)		(32)	(33)	· • • • • • • • • • • • • • • • • • • •	(35)	
(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(20)	(27)	(29)	(29)	(31)	(32)	(66)	(34)	(25)	
	100	00.1	77.6	56.04	1 410	0.000	2 577	0.65	1.836	78.7	52.1	32.2	19.9	0.24	1.2152	2.56E-04	1.139	1.19E-04	3.
	100	99.1	77.6	56.04	1.418	0.909	2.577	0.67	2.070	90.7	52.1	52.2		0.24	1,6196				
	100	95.3	70.1	72.31	1.458	0.846	2.598	0.71	2.398	99.7	86.2	44.5	41.7	0.115					
100	97.7	93.5	69.5	91.76 85.61	1.471 1.459	0.767	2.607 2.591	0.70	2.296	96.6				0.115					
	100	93.4 96.6	67.2 68.4	82.44	1.459	0.786	2.591	0.69	2.224	95.8	68.3	36.3	32.0	0.187	1.2047	1.42E-04	0.524	1.42E-04	2
	100	93.2	65.7	90.21	1.403	0.802	2.686	0.72	2.590	93.5									
	100	96.2	62.8	102.89	1.390	0.685	2.576	0.73	2.760	96.0	95.6	48.8	46.8	0.131	······				
	100	95.2	67.1	99.28	1.381	0.693	2.587	0.73	2.733	94.0									
	100	98.2	67.8	103.54	1.351	0.664	2.575	0.74	2.879	92.6	96.7	48.8	47.9	0.129	1.3261	1.73E-04	0.703	1.42E-04	2
	100		64.2	101.34	1.403	0.697	2.598	0.73	2.728	96.5							-		
	100	97.4	62.8	105.18	1.392	0.678	2.573	0.74	2.793	96.9	94.8	48.2	46.6						
100	97.8	94.9	73.0	82.46	1.435	0.786	2.584	0.70	2.286	93.2	69.8	36.4	33.4 ;	0.115	1.2333	1.45E-04	0.532	1.43E-04	2
100	95.2	90.2	71.2	76.23	1.442	0.818	2.589	0.68	2.164	91.2									
14.2	90.7	88.3	69.2	70.64	1.463	0.857	2.588	0.67	2.019	90.6	62.3	34.1	28.2 1						
1.4	88.7	86.2	64.2	75.62	1.427	0.813	2.567	0.68	2.159	89.9									
12.2	91.9	91.4	69.5	81.73	1.392	0.766	2.585	0.70	2.375	89.0	68.8	36.8	32.0)	0.168					
12.5	38	31.0	14.4	18.28	1.850	1.564	2.661	0.41	0.701	69.4	24.0	16.4	7.6	***					
;(),4	35.4	28.5	12.5	19.97	1.938	1.615	2.658	0.39	0.645	82.2	23.8	16.4	7.4			_			
.6.2	30.8	22.2	8.8	24.92	1.899	1.520	2.646	0.43	0.741	89.0									
0.8	26.5	19.2	4.1	22.19	1.851	1.515	2.648	0.43	0.748	78.6									
	20.5	19.2	4.1		1.051	1.515	2.010	0.15											
9.5	41.8	22.1	8.4	22.50	1.901	1.552	2.656	0.42	0.712	84.0									
	28.4	20.4	8.1	21.91	1.887	1.548	2.652	0.42	0.713	81.5									
	20.4	20.4	5.1					0.15	1		1			1		<u> </u>		1	

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BORING No : UV-01								
	Coefficient of volume compressibility m, (cm ² /g)	Coefficient of permeability k ₂₀ (cm/s)	REMARK					
1	(35)	(36)	(37)					
			*** Cohesioness coarse-					
		2.017.00						
	1.19E-04	3.01E-08	grained soil can not carry not					
			unconfined compression test.					
•								
••	1 428 04	2 225 08						
	1.42E-04	2.22E-08						
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-								
	1.42E-04	2.20E-08						
	1.426-04	2.202 00						
	1.43E-04	2.15E-08						
••								
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