

LAB TEST RESULTS - CHALLAGATTA VALLEY

BORE HOLE NO.	DEPTH (m)	GRAIN SIZE ANALYSIS				HYDROMETER		LIQUID LIMIT (%)	PLASTIC LIMIT (%)	PI (%)	NMC (%)	BULK DENSITY (t/m ³)	DRY DENSITY (t/m ³)	N - VALUE	SPECIFIC GRAVITY	CHEMICAL TEST RESULTS				
		GRAVEL (%)	SAND (%)			SILT (%)	CLAY (%)									pH	REDOX POTENTIAL (mV)		CHLORIDE (%)	SULPHATE (%)
			COARSE SAND	MEDIUM SAND	FINE SAND												E _p	E _h		
SL NO - 2 Queens Road to RBANMS (Uisoor Lake)																				
BH - 31	2.0	0	0	30	30	40					19.45				6.34	187	397.4	0.033	0.018	
	4.0	0	0	35	25	30	10	25	16		13.31			19	2.62	6.45	186	403.0	0.038	0.012
BH - 32	2.0	0	15	30	15	32	8	32	20		18.39			>100	2.61	6.90	182	426.0	0.029	0.004
BH - 33	2.0	10	15	40	15	20					19.48				6.96	180	427.6	0.033	0.006	
	4.0	5	25	45	10	15					8.08			>100	6.35	187	398.0	0.039	0.004	
BH - 34	2.0	0	0	15	30	50	5				18.75				2.6	7.35	176	447.0	0.036	0.004
	4.0	0	0	20	25	47	8				17.55			10	2.61	6.80	184	422.0	0.033	0.010