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GEOTECHNICAL LOG OF EXCAVATION

HOLE NO. : TP6

SHEET : 1 OF 1

JOB NO : C15733

CLIENT : BORDER DISTRICT
 PROJECT : 8 MILE INTERSECTION UPGRADE
 LOCATION : Ch 1700 on control line M201, on peg

Co-ords: 4867.276 E
 9926.831 N

RL : 471.174m

EXCAVATION										SUBSTANCE				TESTS		ADDITIONAL OBSERVATIONS				
DEPTH	METHOD	SUPPORT	FAST	MEDIUM	SLOW	WATER	GROG	PHIC	USC	DESCRIPTION Soil Type: grain size, plasticity, colour structure, minor components.	MOIST	DENS	SAMP	TYPE	RESULT	Structure and Origin				
0.2										CH CLAY Black, moist, very stiff to hard, very high plasticity	M	VSt			Topsoil - alluvium					
0.4																				Shear vane (small)
0.6																				0.5m depth: 90kPa (av.)
0.8																				1.5m depth: >140kPa
1.0																				
1.2																				
1.4																				
2.0																				
2.2																				
2.5																				
2.6										CH CLAY Chocolate brown, moist, hard, high plasticity. Some layering visible No groundwater encountered	M	H			Alluvium					
2.7																				PP(Su) >>300kPa
3.0																				
3.2																				
3.4																				
3.6																				
3.8																				
4.4																				
4.6																				
4.8																				
5.0																				
5.2																EOH 5.0m				
5.4																				

DCP test from natural surface to 2.0m depth

Contractor : Gary	Commenced : 24/8/2000	Logged by : J Kleindienst
Rig : Komatsu PC220 (22 tonnes)	Weather : Fine, cold	Checked by :
Details of abbreviations and basis of description are given in Explanatory Notes.		



Plate 16: Site view of TP6



Plate 17: Excavated materials from TP6



Plate 18: View inside TP6