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# GEOTECHNICAL LOG OF EXCAVATION

HOLE NO. : TP15

SHEET : 1 OF 1

JOB NO : C15733

CLIENT : BORDER DISTRICT  
 PROJECT : 8 MILE INTERSECTION UPGRADE  
 LOCATION :

Co-ords: 4619.398 E  
 9917.544 N

RL : 470.368m

EXCAVATION										SUBSTANCE				TESTS		ADDITIONAL OBSERVATIONS
DEPTH	METHOD	SUPPORT	FAST	MEDIUM	SLOW	WATER	GROGRAPHIC	USC	DESCRIPTION Soil Type: grain size, plasticity, colour structure, minor components.	MOIST	CONSIST	SAMPLES	TYPE	RESULT	Structure and Origin	
0.2									<u>FILL</u>						Fill	
0.4									Mixture of road base gravel, basalt fragments						0.0-0.3m: LL=78.6%, PI=45.6%, LS=23.0%	
0.7																
0.8									<b>CH CLAY</b> black, slightly moist, hard, high	M	H				Fill/alluvium?	
1.0									plasticity, containing rounded medium to coarse rounded SW basalt river gravel							
1.2									<u>PROBABLE FILL</u>	M	St				Fill?	
1.4									XW basalt with the properties of a moist stiff							
1.6									sandy clay, with river gravel (flat pebbles) and							
1.8									rounded cobbles, up to small boulders (to 20cm)							
2.0									of high strength SW basalt							
2.2																
2.4									XW basalt is pale yellow brown to grey.							
2.7																
3.0																
3.2																
3.4																
3.8																
4.0									Excavation easy to the bottom of the hole							
4.4																
4.6																
4.8																
5.0									No groundwater encountered							
5.2									EOH 5.0m							

DCP test from natural surface to 2.0m

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 25:** Site view of TP15



**Plate 26:** View inside TP15, and excavated materials