GEOTECHNICAL LOG OF EXCAVATION

Main Roads

HOLE NO. : TP16

SHEET : 1 OF 1

JOB NO : C15733

CLIENT : BORDER DISTRICT

PROJECT : 8 MILE INTERSECTION UPGRADE

LOCATION :

Co-ords: 4624.673 E
9344.842 N

RL : 488.236m

EXCAVATION									SUBSTANCE				TESTS		ADDITIONAL OBSERVATIONS
DEPTH	METHOD	SUPPORT	FAST	MEDIUM	SLOW	WATER	LOG GRAPHIC	USC	DESCRIPTION Soil Type: grain size, plasticity, colour structure, minor components.	MOIST	CONSIST	DENSITY	SAMPLES	TYPE	RESULT	Structure and Origin
0.1 0.2 0.3 0.4 0.5 0.6								CL	CLAY Black, almost dry, hard, high plasticity. Excavates in rectangular blocks.	D	H					Residual soil 0.0-0.3m: LL=68.0%, PI=39.4%, LS=19.8%
0.7 0.85								XW	BASALT Yellow brown, slightly moist, fine grained, with the properties of a hard slightly sandy clay	M	H					Lava flow 0.6-1.2m: LL=56.6%, PI=27.4%, LS=16.0%
0.9 1.0 1.1 1.2								HW	Grey, fine grained, iron stained on fractures, low strength							
1.3 1.4 1.5								MW	Grey, fine grained, some iron filled vesicles, weathered olivine patches, medium to high strength No groundwater encountered							Lava flow
1.6 1.7 1.8 1.9 2.0									EOH 1.5m (near refusal)							

BASALT Dark coloured fine grained, basic volcanic rock.

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 27: Site view of TP16

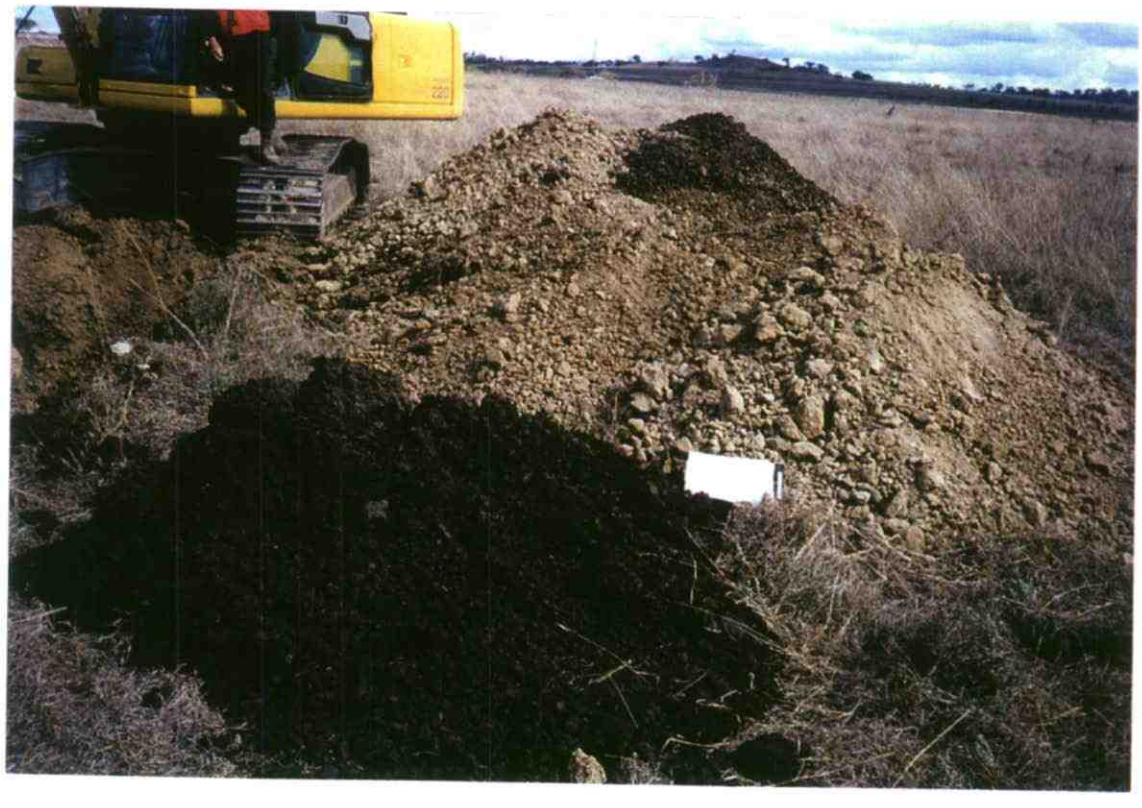

Plate 28: Excavated material from TP16

Plate 29: View inside TP16