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GEOTECHNICAL LOG OF EXCAVATION

HOLE NO.: TP4

SHEET : 1 OF 1

JOB NO: C15733

Co-ords: 4571.580 E 9141.200 N

RL: 494.157m

CLIENT: BORDER DISTRICT

PROJECT: 8 MILE INTERSECTION UPGRADE

LOCATION:

| | | EXCAVATION | | | | | | | | SUBSTANCE | | | | TESTS | | ADDITIONAL OBSERVATIONS |
|----|--|----------------------------|---------|------------------|---|----------------|-----------------------|----------------------------------|-------------|--|-----------------------|---|----------------------------|------------------|----------------------------|---|
| | D E P T H | M E T H O D | SUPPORT | F A S T | M E D I U M | \$ L O W | W A T E R | G L R O A G P H I | U S C | DESCRIPTION Soil Type: grain size, plasticity, colour structure, minor components. | M O I S T | C D O E N N S S 1 I S T T Y | S M P L E S | T Y P E | R E S U L T | Structure and Origin |
| ŀ | 0.2 0.4 | | | 湿疹物物 | | | | | CL | SLIGHTLY SILTY CLAY Brown, becoming black, moist, very stiff, high plasticity, excavates in blocks with sheen on faces | М | VSt | | | | Residual topsoil |
| | 0.6 0.8 1.0 1.2 1.4 1.6 1.8 2.0 2.2 2.4 2.6 2.7 | | | | | | | | - | BASALT Grey brown, moist, fine grained, with the properties of a hard slightly sandy silty clay. Contains angular cobble sized fragments of medium to high strength MW/SW basalt | | | | | | Lava flow 2.0-2.5m: LL=70.8%, PI=29.0%, LS=16.8% 2.50m: LL=68.6%, PI=35.8%, LS=19.0% 2.5-3.0m: LL=71.2%, PI=38.0%, LS=19.0% |
| | 3.0 3.2 3.4 3.6 3.8 1.0 | | | | では、おは、おは、これでは、これでは、これでは、これでは、これでは、これでは、これでは、これで | | | | HW | Olivine basalt, grey with calcite filled vesicles can be crumbled in hand, low strength. Weathered green olivine crystals visible. No groundwater encountered EOH 4.0m | | | | | | Lava flow |
| Η- | .4 | | | | | | | | | EOH 4.0m | | | | | | |

BASALT:

Dark coloured, fine grained, basic volcanic rock.

DCP test 2.0m to 3.5m 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 10: Site view of TP4



Plate 11: Excavated materials from TP4

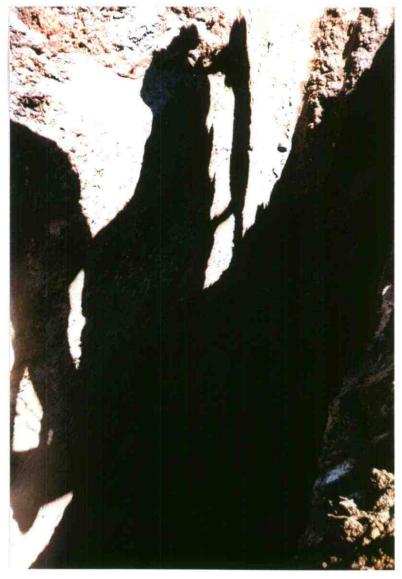


Plate 12: View inside TP4