ENGINEERING LOG: BOREHOLE N° 2D Sheet 1 of 3

PROJECT: GATEWAY ARTERIAL PROJECT
LOCATION: DEAGON DEVIATION OVERPASS
BOREHOLE LOCATION: REFER TO SITE PLAN, FIGURE 1

DATE COMMENCED: 16/4/85
DATE COMPLETED: 17/4/85
SUPERVISED BY: PE
CHECKED BY: AB

SOIL DESCRIPTION SOIL TYPE: plasticity or particle characteristics, colour, secondary and minor components, moisture and consistency or relative density	GRAPHIC LOG	CLASSIFICATION SYMBOL	DEPTH (meters)	SAMPLES	SPT "N" VALUE	COMMENTS TEST RESULTS GROUND WATER ETC.
BITUMEN ROAD SURFACE 0.00 – 0.20 m, ASPHALT			0.2			
ROAD BASE - Medium gravel 0.20 – 0.50 m, ROADBASE, GRAVEL			0.5			
BASALT: Very weak, highly weathered, red brown, friable, vesicular, 0.50 – 1.45 m, BASALT, Very Low Strength		VVVV	1.0	SPT	15	Groundwater level at 1.03 m 8/5/85
Grades to completely weathered, clayey material 1.45 – 2.00 m, RESIDUAL, BASALT, Very Low Strength		VVVV	2.0			
SILTY CLAY: High plasticity, yellow with red mottled, (w < PL), stiff 2.00 – 3.40 m, CLAY, Stiff		CH	3.0 3.4	SPT	21	Cu = 200 kPa
BASALT: Extremely weak, completely to highly weathered, yellow green, friable to moist, slightly clayey, some brown mottling 3.40 – 4.70 m, BASALT, Extremely Low Strength		VVVV	4.0	SPT	23	
Grades to red brown 4.70 – 5.05 m, BASALT, Extremely Low Strength		VVVV	5.0			
BASALT: Extremely to very weak, completely to highly weathered, red brown with green yellow chloritic mottled, friable, vesicular in part 5.05 – 9.50 m, BASALT, Extremely Low Strength to Very Low Strength		VVVV	6.0 7.0 8.0 9.0	SPT SPT	28 36	
(Continued on sheet 2 of 3)				SPT	34	Cu > 200 kPa (PP)

DRILL MODEL AND MOUNTING: RASON, TRAILER
DRILLING METHOD: CASED WASH BORING, NMLC CORING
BOREHOLE SUPPORT: NX CASED TO 2.75 m

R.L. SURFACE: 8.196 m
DATUM: A.H.D.
HOLE DIAMETER: 100 mm

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JOB N°: 5018/3
FIGURE N°: A3.6