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ENGINEERING BOREHOLE LOG

FOR GEOTECHNICAL TERMS AND
SYMBOLS REFER FORM F:GEOT 017/6-2010

BOREHOLE No **BH2**
SHEET **1** of **2**
REFERENCE No **H11070**

PROJECT Travel Time Signage
LOCATION Bruce Hwy (Northbound) COORDINATES 498946.0 E; 6990900.0 N
PROJECT No FG5798 SURFACE R.L. 30.27m PLUNGE _____ DATE STARTED 29/6/11 GRID DATUM MGA94 Zone 56
JOB No _____ HEIGHT DATUM AHD BEARING _____ DATE COMPLETED 29/6/11 DRILLER TerraTest

DEPTH (m)	R.L. (m)	AUGER CASING WASH BORING	RQD () %	CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USC WEATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
0	30.27					ASPHALT (ROADBASE)						Based on Driller's logs only	
1	29.67				A	Silty Sandy CLAY Yellow, brown and red, moist, stiff. High plasticity; abundant iron concretions.	(GC)					5,6,9 N=15	SPT
2	28.27				B	Sandy Silty CLAY Red, yellow and white, moist, very stiff. High plasticity; minor sand and gravel fraction; iron concretions present.	(CH)					4,8,12 N=20	SPT
3	27.27				C	Gravelly Sandy CLAY Brown-green, moist, stiff. Low to medium plasticity.	(CI-CH)					4,4,5 N=9	SPT
4	26.27				D	Silty CLAY White to yellow, moist, very stiff to occasionally hard. Medium to high plasticity; abundant iron concretions; minor organic material present.						4,8,15 N=23	SPT
5					E	Becoming yellow at 5.0m.						9,15,18 N=33	SPT
6					F		(CI-CH)					8,15,12 N=27	SPT
7					G	Becoming grey to white. High plasticity.						4,10,12 N=22	SPT
8					H							4,10,14 N=24	SPT
9	21.77				I	SANDSTONE Fine grained, massive, poorly cemented sedimentary rock XW: Generally exhibits the engineering properties of orange and red, moist, medium to hard silty clay. Low plasticity; minor sand fraction.	XW					6,16,23 N=39	SPT
10													

REMARKS _____

LOGGED BY
LVD



ENGINEERING BOREHOLE LOG

FOR GEOTECHNICAL TERMS AND
SYMBOLS REFER FORM F:GEOT 017/6-2010

BOREHOLE No BH2
SHEET 2 of 2
REFERENCE No H11070

PROJECT Travel Time Signage
LOCATION Bruce Hwy (Northbound) COORDINATES 498946.0 E; 6990900.0 N
PROJECT No FG5798 SURFACE R.L. 30.27m PLUNGE _____ DATE STARTED 29/6/11 GRID DATUM MGA94 Zone 56
JOB No _____ HEIGHT DATUM AHD BEARING _____ DATE COMPLETED 29/6/11 DRILLER TerraTest

DEPTH (m)	R.L. (m)	AUGER CASING WASH BORING	RQD () %	CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USC WEATHERING	INTACT STRENGTH					DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
									EH	VH	IN	N	J	VL	EL		
10	20.27				J	SANDSTONE XW: (Cont'd) Becoming cream and white, hard, high plasticity.		XW								6,16,24 N=40 DD = 1.82t/m ³ ; WD = 2.10t/m ³ ; MC = 16.2%; UCS = 514kPa	SPT
11	19.27				K	SANDSTONE HW: Grey to yellow, moist, hard silty clay. High plasticity. Gradually grading into very low strength rock.		HW								6,20,29 N=49 DD = 1.88t/m ³ ; WD = 2.14t/m ³ ; MC = 14%; UCS = 685kPa	SPT
12	17.57				L											25,20/50mm N>50	SPT
13						Borehole terminated at 12.7m											
14																	
15																	
16																	
17																	
18																	
19																	
20																	

REMARKS _____

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