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ENGINEERING BOREHOLE LOG

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

BOREHOLE No BH07
SHEET 1 of 2
REFERENCE No H11006

PROJECT Noonan Range Geotechnical Investigation
LOCATION Cut 4 - O/S Approx. 4m East of Survey peg COORDINATES 492309.1 E; 7101016.8 N
PROJECT No FG5917 SURFACE R.L. 49.75m PLUNGE _____ DATE STARTED 29/3/11 GRID DATUM MGA94
JOB No 128/14/19 HEIGHT DATUM AHD BEARING _____ DATE COMPLETED 29/3/11 DRILLER Drillsure Pty Ltd

DEPTH (m)	R.L. (m)	AUGER CASING WASH BORING CORE DRILLING	RQD () %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USC	WEATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
0	49.75												
1	49.40			A	Clayey SILT (TOPSOIL) Dark brown, very weak, with organics. SANDSTONE Fine to medium grained sedimentary rock XW: Brown, with engineering properties of a fine to medium grained, medium dense, clayey sand. Rock structure visible.	XW						3.5,12 N=17	SPT
2	47.75			B	SANDSTONE MW: Grey with brown mottling, massive, medium strength, bedding not visible. Major defect sets dip at 20° and 80°. Defect planes are brown with iron staining or thin clay coatings.	MW						30/100mm N>50	SPT
3			(22)									Is(50) = 0.78MPa Is(50) = 1.00MPa	x o
4			100 (27)										
5	44.65		100 (0)		SANDSTONE SW: Grey with brown mottling, medium to coarse grained, generally massive, medium to high strength. Major defect sets dip at 10°, 30° and 45°. Defect planes are brown with iron staining or thin clay coatings. Some defect planes also closed.	SW						Is(50) = 0.34MPa Is(50) = 1.07MPa Is(50) = 1.79MPa Is(50) = 1.93MPa	x o x o
6			100 (41)										
7												Is(50) = 0.65MPa Is(50) = 0.74MPa	x o
8			100 (49)										
9					Mudstone clasts, dark grey, moderate strength, rounded, 50-100mm.							Is(50) = 0.69MPa Is(50) = 0.55MPa	x o
10			100 (63)										

REMARKS _____

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ENGINEERING BOREHOLE LOG

FOR GEOTECHNICAL TERMS AND
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BOREHOLE No BH07
SHEET 2 of 2
REFERENCE No H11006

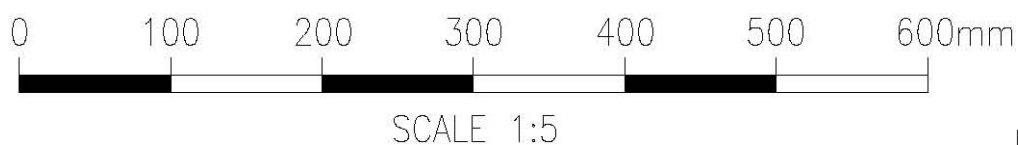
PROJECT Noonan Range Geotechnical Investigation
LOCATION Cut 4 - O/S Approx. 4m East of Survey peg COORDINATES 492309.1 E; 7101016.8 N
PROJECT No FG5917 SURFACE R.L. 49.75m PLUNGE _____ DATE STARTED 29/3/11 GRID DATUM MGA94
JOB No 128/14/19 HEIGHT DATUM AHD BEARING _____ DATE COMPLETED 29/3/11 DRILLER Drillsure Pty Ltd

DEPTH (m)	R.L. (m)	AUGER CASING WASH BORING CORE DRILLING	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	VL	EL			
10	39.75					SANDSTONE SW: (Cont'd) 10.1m: Becoming fine to medium grained.											Is(50) = 1.22MPa Is(50) = 2.61MPa	x o
11	38.70		100			Borehole terminated at 11.05m		SW										
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		

REMARKS _____

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Project: **NOONAN RANGE**
Borehole No: **BH 7**
Start Depth: 2.20m
Finish Depth: 11.05m
Project No: FG 5917
H No: 11006



F:GEOT043/1