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TMR JAN 15.GLB Log A_ENGINEERING BOREHOLE LOG W LITHOLOGY FG6184 - BOREHOLES.GPJ <<DrawingFile>> Datgel CPT Tool glNt Add-In 04/03/2015 10:52

ENGINEERING BOREHOLE LOG

FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM F:GEOT 017/8-2014

BOREHOLE No	BH158
SHEET	_1_ of _2_
REFERENCE No	12099

PROJECT					Geotechnical Investigation - Stage 1							
LOCATION												
					SURFACE R.L. <u>10.24m</u> PLUNGE _						4 GRID DATUM <u>GDA 94 /MG/</u>	
JOB No				· — -	HEIGHT DATUM <u>AHD</u> BEARING _			[DATE COMPLETED _8/	9/1	4 DRILLER ND Drilling Pt	ty Ltd
(E) HL (M) PL (M	AUGER CASING	WASH BORING	RQD ()% CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	usc	WEATHERING	INTACT DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
0.20 10.0					Silty CLAY (TOPSOIL)		(Cl					-
- - - -					Black, dry, hard. High plasticity. Trace fine to medium grained sand, roots and root fibres.							- - - -
- - - - - - - - - - - - - - - - - - -	6			А	Silty CLAY (ALLUVIUM) Dark grey-black, moist, stiff. High plasticity. Trace fine to medium grained sand, root fibres.		(Cł	H)			Su _(PP) =60kPa;	U50 -
-1.85 8.31 1.2	9				Sandy CLAY (ALLUVIUM) Pale brown-grey, moist, stiff. High plasticity. Fine to coarse grained sand. Trace fine to medium, subrounded gravel.		(Cł	+				
- - - _{2.35} 7.89	9			В	Clayey Gravelly SAND (ALLUVIUM) Pale grey mottled brown, moist, medium dense.		(SC	C)	:		5,7,5 N=12	SPT =
- - - 2.90 7.3	<u>4</u>				Fine to coarse grained. Fine, subrounded gravel. Clayey SAND (ALLUVIUM)		(SC	3)	: : : : : : : : : : : : : : : : : : :			-
-3 - - -				С	Pale grey, moist, medium dense. Fine to coarse grained. With fine gravel. Sandy CLAY (ALLUVIUM)						3,3,4 N=7	SPT -
- - - - - -4					Grey, moist, firm. Medium plasticity. Fine to medium grained sand.		(C	1)				- - - - -
-4.25 5.99	9			D	Silty CLAY (ALLUVIUM) Dark grey mottled brown, moist, stiff. High plasticity. With fine to coarse grained sand.							SPT =
-5 - - - - - -				Е	Trace fine to medium, subangular gravel. 5.30-5.90m: Medium plasticity.						4,7,8 N=15	SPT :
- - - - - - - -				F			(Cł	H)	<u>‡</u>		3,6,7 N=13	SPT :
				G			•				5,5,8	SPT -
- - - - - - - - - 8									± + + + + +		N=13	-
- - - - - - 8.60 1.6	4			Н							Su _(PP) =130kPa;	U50 =
- - - - 9 - - - -				1	Sandy CLAY (RESIDUAL) Grey, moist, very stiff. Medium plasticity. Fine to medium grained sand. Becoming dry, hard.		(C	1)	<u> </u>		7,8,10 N=18	SPT :
- - - 10												- - - -
REMAR	KS <u>K</u> g —	<u>wu</u>	- Wunda	ıru G	ranodiorite;	·				 	LOGGED BY EB	



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ENGINEERING BOREHOLE LOG

FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM F:GEOT 017/8-2014

BOREHOLE No	BH158
SHEET	_2_ of _2_
REFERENCE No	12099

PRC	JECT	_M <u>s</u>	acka	ay Ring F	Road	Geotechnical Investigation - Stage 1		_					
		Embankment - North of Sugarshed Road; CH: 10286m; CO								ORDINATES <u>721528.3 E; 7662591.</u>			
PROJECT No_ <u>FG6184</u>						SURFACE R.L. <u>10.24m</u> PLUNGE							
JOB	No					HEIGHT DATUM <u>AHD</u> BEARING		_		DATE COMPLETED _8/	9/14	DRILLER ND Drilling Pt	y Ltd
DEPTH (m)	R.L. (m)	AÚGER DASING	WASH BORING	RQD ()%	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	ISC	WEATHERING	INTACT DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES
10 - -	0.24			IXLO 70	0,	Sandy CLAY (RESIDUAL)		1	CI)				-
- - - - - - - - - 11	-0.16				J	(Cont [†] d) GRANODIORITE (Kgwu) XW: Recovered as white and grey, dense to very dense Clayey SAND.	+ + + + + + + + + + + + + + + + + + + +		0.17			12,12,18 N=30	SPT =
- - - - - - - 12					К		+ + +		ΚW			13,18,26 N=44	SPT -
- - - - - - - 13					_		 + + 	,	<vv< td=""><td><u>+</u></td><td></td><td>— 13.00m: Sandy Clayey bands.</td><td></td></vv<>	<u>+</u>		— 13.00m: Sandy Clayey bands.	
- - - - - - - -					L		+ + + + + + + + + + + + + + + + + + + +			<u>‡</u>		21,27,30/50	SPT - - - - - - -
_14.23	-3.99	Ш	Ц		М	Borehole terminated at 14.23m	<u>- '</u>	L		<u> </u>		24,30/80	SPT -
15 - 15 - 17 - 17 - 19 - 19 - 19 - 19 - 20													
	REMARK	S <u>K</u> g	<u>wu</u>	- Wunda	aru G	ranodiorite;		_	- –			LOGGED BY	
		_						_				ЕВ	