Queensland Government

ENGINEERING BOREHOLE LOG

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

BOREHOLE No	__ **BH113** __
SHEET	_1_ of _2_
REFERENCE No	__ **12059** __

PROJECT __Mackay Ring Road Geotechnical Investigation - Stage 1__

LOCATION __Embankment; CH: 5417m;__   COORDINATES __720937.3 E; 7657775.0 N__

PROJECT No __FG6184__   SURFACE R.L. __12.13m__ PLUNGE ____ DATE STARTED __21/9/14__ GRID DATUM __GDA 94 /MGA Zone 55__

JOB No ____   HEIGHT DATUM __AHD__ BEARING ____ DATE COMPLETED __21/9/14__ DRILLER __Saxon Drilling__

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	12.13													
0.50	11.63				**Clayey Sandy SILT (ALLUVIUM)** Brown, moist, soft. Low plasticity.		(ML)							
1				A	**Silty CLAY (ALLUVIUM)** Brown, moist, stiff to very stiff. High plasticity.							3,5,7 N=12		SPT
2				B	2.00m: Becoming dark brown-grey mottled orange.		(CH)					5,7,10 N=17		SPT
3				C								3,6,8 N=14		SPT
4.00	8.13													
4				D	**Clayey SAND (ALLUVIUM)** Orange-brown, moist, medium dense. Fine grained.		(SC)					9,6,8 N=14		SPT
4.50	7.63				**Silty CLAY (ALLUVIUM)** Orange, brown and grey mottled, moist, firm to stiff. High plasticity.									
5				E								2,4,5 N=9		SPT
6				F			(CH)					2,3,5 N=8		SPT
6.76	5.37													
7				G	**Clayey SAND (ALLUVIUM)** Brown, grey, moist, medium dense. Fine grained.		(SC)					9,9,10 N=19		SPT
7.70	4.43				**Silty CLAY (ALLUVIUM)** Grey-brown, moist, very stiff. High plasticity. Trace fine grained sand.									
8				H								9,8,12 N=20		SPT
9				J			(CH)					5,9,12 N=21		SPT
10	2.13													

REMARKS __

LOGGED BY
MS

TMR JAN 15.GLB Log A_ENGINEERING BOREHOLE LOG W LITHOLOGY FG6184 - BOREHOLES.GPJ <<DrawingFile>> Datgel CPT Tool gINt Add-In 04/03/2015 10:50

ENGINEERING BOREHOLE LOG

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

BOREHOLE No	__ BH113 __
SHEET	_ 2 _ of _ 2 _
REFERENCE No	__ 12059 __

Queensland Government

PROJECT   Mackay Ring Road Geotechnical Investigation - Stage 1

LOCATION   Embankment; CH: 5417m;   COORDINATES   720937.3 E; 7657775.0 N

PROJECT No FG6184   SURFACE R.L. __ 12.13m _   PLUNGE ____.   DATE STARTED 21/9/14   GRID DATUM GDA 94 /MGA Zone 55

JOB No   _____   HEIGHT DATUM _ AHD __.   BEARING ____.   DATE COMPLETED 21/9/14   DRILLER Saxon Drilling

DEPTH (m)	R.L. (m)	RQD ( )% / CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USC	WEATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES	TESTS
10 / 10.90	2.13 / 1.23		K	**Sandy CLAY (ALLUVIUM)** Orange mottled brown and grey, moist, very stiff. Medium to high plasticity.		(CI-CH)					5,9,12 N=21		SPT
11			L	**Clayey SAND (ALLUVIUM)** Yellow, brown and pale grey, moist, medium dense. Fine to medium grained.							7,9,11 N=20		SPT
12			M			(SC)					4,7,11 N=18		SPT
13			N								7,10,14 N=24		SPT
14	-1.87		P	**Silty CLAY (RESIDUAL)** Yellow mottled brown and grey, moist, very stiff. High plasticity.		(CH)					7,9,12 N=21		SPT
15 / 15.45	-3.32		Q								8,12,17 N=29		SPT
				Borehole terminated at 15.45m. .									
16													
17													
18													
19													
20													

REMARKS _____

LOGGED BY
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