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# GEOTECHNICAL BOREHOLE LOG

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

BOREHOLE No **B3 S3**

Sheet 1 of 2

REFERENCE No **H12569**

PROJECT **McCoskers/QAL Instrumentation Installation**

LOCATION **RMD #1 B Section Chainage 4214.22**

COORDINATES **329440.6 E; 7354921.1 N**

PROJECT No **FG6371**

SURFACE RL **14.37m**

PLUNGE **90°**

DATE STARTED **28/06/2016**

GRID DATUM **MGA94 Zone 56**

JOB No

HEIGHT DATUM **AHD**

BEARING °

DATE COMPLETED **29/06/2016**

DRILLER **Hinterland drilling**

DEPTH (m)	R.L. (m)	AUGER CASING WASH BORING CORE DRILLING	RQD (%)	CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USCS WEATHERING	INTACT STRENGTH	DEFECT SPACING	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
1					A	Clayey SAND with gravel (Fill) Light grey mottled orange, moist, medium dense. Medium grained gravel, angular.		SC				4, 5, 10 N=15 SPT
2	11.97				B	RED MUD (Tailings) Recovered as: Clayey SILT with sand Red, moist to wet, firm. Occasional medium grained gravelly layers.						hw, 2, 5 N=7 SPT
3					C							2, hw, 1 N=1 SPT
4					D							hw, hw, hw N=1 SPT
5					E							Su(PP)=94 kPa MC=46.4% DD= 1.22 t/m <sup>3</sup> WD= 1.8 t/m <sup>3</sup> U50
6												
7												
8												
9	5.67				F	Silty CLAY (Fill) Grey, moist, stiff. Trace organic matter.		CI				9, 7, 8 N=15 SPT
10	4.37											

Continued on next sheet

REMARKS: Standpipe piezometer installed to base of hole.

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11	2.87			G	Silty SAND (Fill) Grey brown, moist to wet, very loose. Fine grained sand, trace organic matter.		SM			6, 4, 3 N=7	SPT
12				H	RED MUD (Tailings) Recovered as: Clayey SILT with sand Red, moist to wet, firm.					Su(PP)=21 kPa MC=68.4% DD= 0.94 t/m3 WD= 1.58 t/m3	U50
13	1.17			J	Silty SAND (Fill) Dark grey black, moist to wet, loose. Organic matter.		(SM)			13, 11, 3 N=14	SPT
14	-0.13			K	Silty CLAY (Fill) Grey black, moist, very soft. Trace sand, rounded gravel, organic matter.		(CI)			rw, hw, hw N<1	SPT
15				L						Su(PP)=40 kPa MC=56.8% DD= 1.02 t/m3 WD= 1.6 t/m3	U50
16											
17	-2.63				Borehole completed at 17.00m						
18											
19											

REMARKS: Standpipe piezometer installed to base of hole.

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