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## DAILY SUMMARY - FIELD DENSITY TESTS

REPORT NO.: # 1916/053

LOCATION: DRAPERS - Quay 2 Estate Stage 10

DATE OF TESTS	TEST NUM.	TEST LOCATION	FIELD WET DENSITY (t/m <sup>3</sup> )	FIELD MOISTURE CONTENT (%)	HILF DENSITY RATIO STANDARD (%)	STANDARD PCWD OR APCWD (t/m <sup>3</sup> )	STANDARD OPTIMUM MOISTURE CONTENT (%)	PROBE DEPTH SETTING (mm)	VARIATION FROM OPTIMUM MOISTURE CONTENT (%)	MOISTURE RATIO (%)	WET +19mm (%)	WET +37.5mm (%)	APPROX. DEPTH BELOW FINISH LEVEL (mm)	
1/02/17	1	<i>Refer to #1916/054 for approx. test site locations.</i>	1.96	15.0	97.5	2.01	17.0	175	2.0 Drier	89.0	0	0	0	
1/02/17	2		1.89	24.0	103.5	1.82	26.5	175	2.5 Drier	90.5	0	0	0	
1/02/17	3		1.98	19.0	98.0	2.03	19.0	175	0.0 Wetter	101.5	0	0	0	
-	-		-	-	-	-	-	-	-	-	-	-	-	-
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-	-		-	-	-	-	-	-	-	-	-	-	-	-

NOTES: Onsite Clay Fill

Test sites located - Geolab Procedure 4, Part 4.4.

Compaction specimens sampled after compaction.

Start Time: 11:45am Finish Time: 12:15pm

A Hilf Rapid Compaction test was carried out on a sample taken from each Field Density location to obtain the Compaction Parameters tabulated on this Report.

Soil Layer thickness: 200mm

Hilf Density Ratio and Hilf Moisture Variation ,Hilf Adjusted (APCWD) & Peak (PCWD) Converted Wet Density AS 1289 5.7.1

Field Density, Nuclear Gauge: AS 1289 5.8.1

Materials Sampled : AS 1289 1.2.1 Clause 6.4(b)

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Moisture Content: AS 1289 2.1.1

Compaction Test: AS 1289 5.7.1

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(Approved Signatory)

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