



**GEOTECHNICAL LABORATORIES**  
 ACN 102 571 077  
 14 Ravenhall Way, Ravenhall, Vic 3023  
 Email: info@geolab.com.au PH: (03) 8361-9140

## DAILY SUMMARY - FIELD DENSITY TESTS

REPORT NO.: # 1861/329

LOCATION: DRAPERS - Armstrong Estate Stage 33

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)
15/12/21	1	<i>Refer to #1861/330 for approx. test site locations.</i>	1.92	24.5	97.0	1.98	23.0	175	1.0 Wetter	105.5	0	0	0
15/12/21	2		1.97	22.5	97.5	2.02	21.5	175	0.5 Wetter	103.5	0	0	0
15/12/21	3		1.94	25.5	96.5	2.01	22.0	175	3.5 Wetter	114.5	0	0	0
-	-		-	-	-	-	-	-	-	-	-	-	-
-	-		-	-	-	-	-	-	-	-	-	-	-
-	-		-	-	-	-	-	-	-	-	-	-	-

NOTES: Clayey Fill Ex. Onsite

Test sites located - Geolab Procedure 4, Part 4.3.

Compaction specimens sampled after compaction.

Start Time: 8:55am Finish Time: 9:10am

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.

Moisture Content: AS 1289 2.1.1

Compaction Test: AS 1289 5.7.1

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)

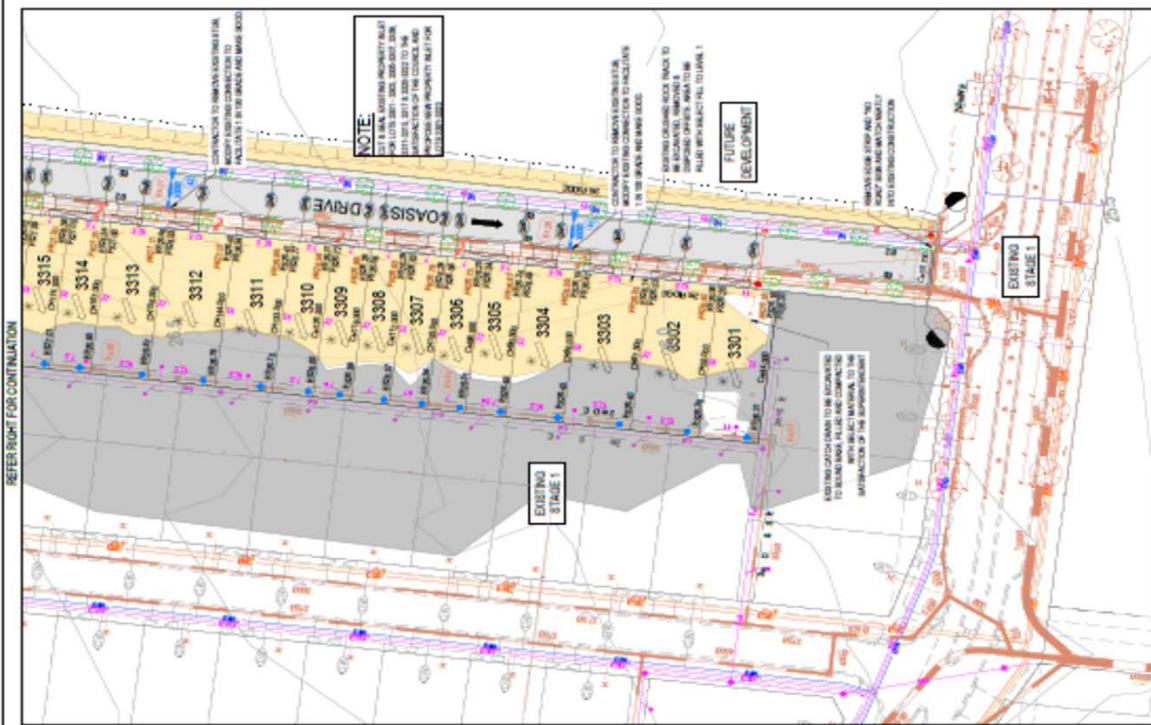
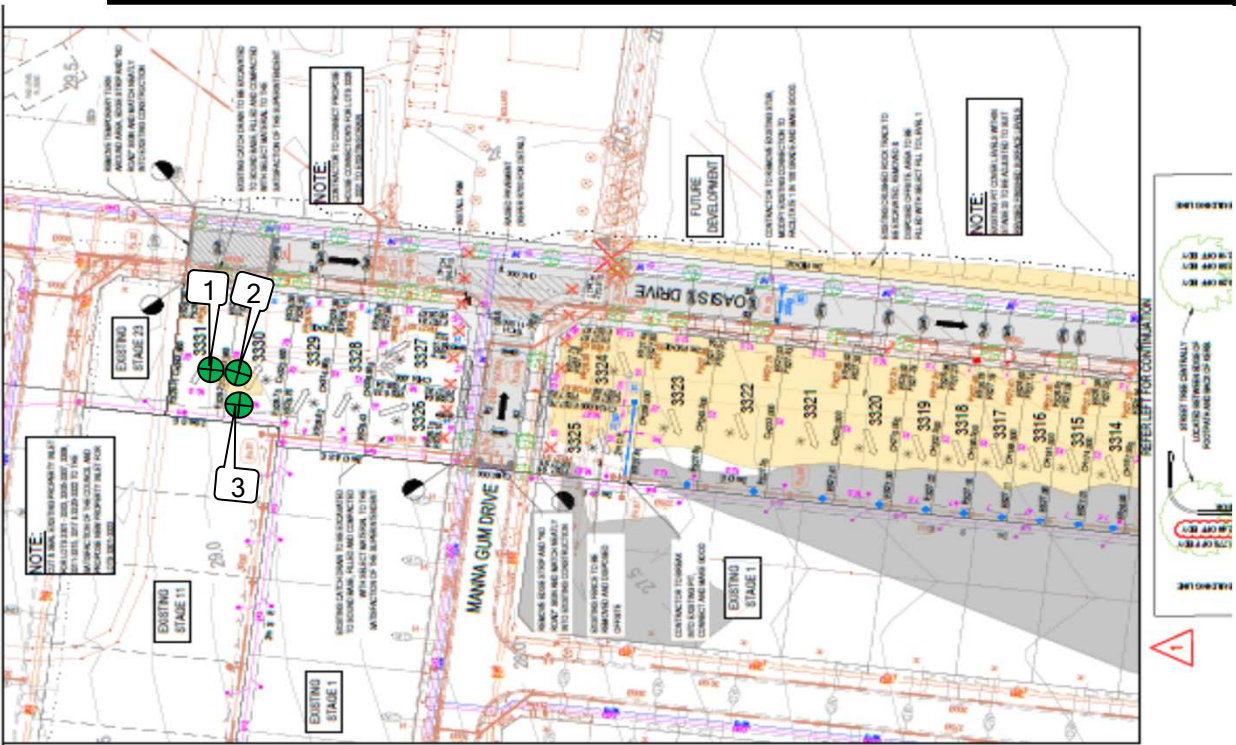


*Accredited for compliance with ISO/IEC 17025 - Testing*

*NATA Accredited Laboratory Number 14561*

**MICK CROWE**  
(Approved Signatory)

Issue Date: 17/12/2021



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**CLIENT: DRAPERS**

**LOCATION: Armstrong Estate Stage 33**

**Sketch indicating approx. compaction test locations**

**DATE: 15/12/2021**

**OPERATOR: SA**

**SCALE: NTS**

**JOB No.: 1861/330**

**CHECKED: KK**

**FIGURE No: -**