



AS 3798 LEVEL ONE REPORT

PREPARED FOR:

Company Name:

THE COTTAR TRUST t/a

ROBERTS BROS PTY LTD

Site:

Greendale Stage 7, Lot 99 (#95)
Mooloo Road, Pie Creek, 4570

Date of report: 26 June 2026

Project No: GSGY-GLN-25-293



26 June 2026

The Cottar Trust t/a Roberts Bros PTY LTD
Lot 99 (#95) Mooloo Road
Pie Creek, Qld, 4570

Attention: The Cottar Trust t/a Roberts Bros PTY LTD

RE: GSGY-GLN-25-293
AS 3798 Level 1 Supervision Report

Dear The Cottar Trust t/a Roberts Bros PTY LTD,

This letter presents a Level 1 Supervision report for testing services undertaken by GSG Laboratories during the placement of fill (earthworks) at Greendale Stage 7, Lot 99 (#95) Mooloo Road, Pie Creek, 4750.

The primary objective of level 1 inspection and testing is for GSG Laboratories to express an opinion on the compliance of the work performed during the fill placement of this project.

AS 3798 provides guidance on the specification, execution, and control testing of earthworks and associated site preparation works for commercial and residential developments.

Please do not hesitate to contact the undersigned should there be any queries regarding this report.

For and on behalf of GSG Laboratories.



Corey Van Straten

Corey Van Straten – Laboratory Manager

p. 1300 295 835 m. 0406 252 870

e. Corey.vanstraten@gsglabs.com.au w. gsglabs.com.au

a. Brisbane, Bundaberg, Gympie, Hervey Bay, Tamworth

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1. Referenced documents

The following document should be read and adhered to in relation to this report:

- Australian Standard AS 3798 - Guidelines on earthworks for commercial and residential developments.

2. Introduction

This report presents the results of field and laboratory activities (testing services) provided by GSG Laboratories during the placement of fill (earthworks) at **Greendale Stage 7, Lot 99 (#95) Mooloo Road, Pie Creek, 4570.**

The Cottar Trust t/a Roberts Bros PTY LTD requested GSG Laboratories as the geotechnical inspection and testing authority (GITA) to conduct Level 1 Inspection and Testing for the duration of these works in accordance with AS 3798 - Guidelines on earthworks for commercial and residential developments.

Level 1 testing, as defined in AS 3798 - Guidelines on earthworks for commercial and residential development, provides for full-time inspection for the placement of controlled fill and compaction testing in accordance with AS 1289 - Methods of testing soils for engineering purposes.

The Level 1 inspection and testing was performed during the period of 7 August 2025 to 22 June 2026

3. Site description

Level 1 inspection and testing was provided for the fill placed as indicated on the drawing in Appendix A.

Material selection and condition, as well as compaction testing, were conducted during the placement of the fill.

4. Site inspection and preparation

GSG Laboratories were present for the site stripping which included removal of topsoil, vegetation, and any other deleterious materials. After stripping, all areas were proof rolled prior to fill placement. Any area with movement were excavated and re-worked prior to fill being placed.

5. Placement specification

The project specification requires that earthworks comply with the following:

- Fill to be compacted in near horizontal layers not exceeding 300mm loose thickness and compacted to at least 95% of standard compaction.
- Moisture ratio of the fill material to be within **+/-2.0 %** of the optimum moisture content (OMC).

6. Construction

The following construction plant was used on this site during the placement of fill (earthworks).

- 2 x Padfoot compactor.
- 1x Compactor
- 3 x Moxy dump truck.
- 3 x Excavator.
- 1 x Grader.
- 1 x Water cart.
- 3 x Bulldozer
- 2 x Smooth drum roller.

7. Construction materials

The fill material used on this project was sourced from **Onsite Cut** and was assessed by GSG Laboratories to be free of debris, vegetative matter, and oversize material. Visual assessments of the material used were considered acceptable for use on this project. The fill product used is best described as a **Sandy Gravelly Clay**.

Any material that was found to be out of the moisture specification was conditioned using a water cart prior and during placement.

8. Fill placement

During fill placement, the material was placed in approximately 300mm loose layers.

The material was then compacted by means of a Compactor until compaction was achieved.

9. Field and laboratory testing

All nuclear density and compaction control testing was performed in accordance with AS 3798 - Table 5.1 - Minimum relative compaction and AS 3798 - Table 8.1 - Frequency of Field Density Tests.

Based on the layout plans provided by the client, a fill volume of approximately **75,351m³ in building area (Excludes 10m front and 6m side/rear setbacks) Total volume of fill for site was approximately 96,711m³ (Including all setbacks).**

In accordance with AS 3798 - Table 8.1, the type of earthworks is Type 1 - Large scale operation, therefore, the frequency of testing was 1 test per 500m³ distributed reasonably evenly throughout full depth and area as per AS 3798 – Table 8.1.

A total of **180** compactions (AS 1289.5.7.1) and **180** density tests (AS 1289.5.8.1) were performed.

A summary of the results and test certificates are included in Appendix B.

10. Conclusion

GSG Laboratories has provided Level 1 inspection and testing services during the placement of fill (earthworks) at **Greendale Stage 7, Lot 99 (#95) Mooloo Road, Pie Creek, 4570** between 7 August 2025 and 22 June 2026

A technician from GSG Laboratories was on-site full-time during fill placement and observed the construction techniques adopted.

Based on the observations made by GSG Laboratories personnel and the results of field and laboratory tests, GSG Laboratories consider that the fill has been placed in general accordance with the intent of the specification and AS 3798.

Any placement of fill that has occurred during the above periods within the defined areas can be classified as 'Controlled Fill'. Any placement of fill that was placed and compacted outside the above periods of the Level 1 inspection and testing supervision will require a separate evaluation, as this fill may not be suitable nor appropriately compacted.

Advice should be sought if uncontrolled fill is encountered.

11. Conditions of this report

- a) The extent of testing associated with this assessment is limited to discrete testing locations. It should be noted that subsurface conditions can vary from the testing locations observed during the field work and used as the basis of the recommendations contained in this report. If subsurface conditions encountered differ from those given in this report further advice should be sought immediately.
- b) The conclusion presented in this report are relevant to the conditions of the site and the state of legislation currently enacted as at the date of this report. Findings and conclusions are made assuming that the soil, groundwater, geological and chemical conditions detailed within this report are accurate and remain applicable to the site at the time of writing. No other warranties are made or intended.
- c) Unless otherwise stated, Level 1 certification does not address trench backfill operations, batter slope stability, retaining wall construction, global stability analysis, acid sulphate testing and or management.
- d) The 'supervision' component of this Level 1 report is not NATA accredited.
- e) GGS Laboratories must be contacted if any site levels are modified whatsoever.
- f) It is the client's responsibility to maintain site drainage after the issue of this report.
- g) This report may not be reproduced except in full, and only with the permission of GSG Laboratories. The information shall only be used and is only applicable for this site.

Appendix A – Site plan

LEGEND

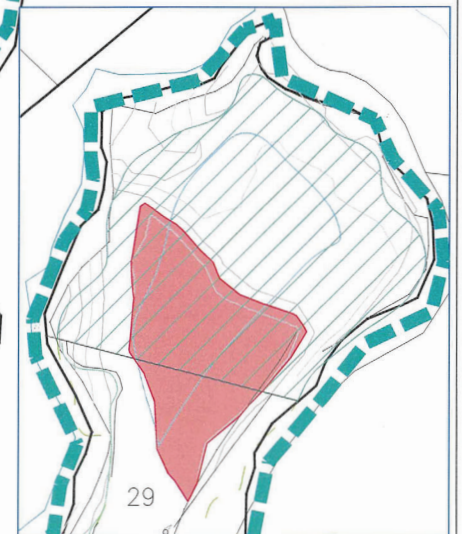
- PROPOSED ROADS, HOUSE PADS
RED CUT, GREEN FILL.
- STAGE 7 EXTENT
- STAGE 6 EXTENT
- EXISTING/PROPOSED
CONTOURS
- EXISTING ROAD KERB
- Q100 CC FLOOD LINE FROM
HWMC FLOOD REPORT
- FALL OF LOT



EARTHWORKS CUT-FILL
62,000CUM. AREA OF
EARTHWORKS 12.5Ha

Gympie Regional Council
APPROVED PLAN

Signature *[Signature]*
File No. *2024-2802* Date *19/06/25*



INSET OF NORTHERN AREA

A3	C	15-4-25	REVISED SWALE RD7	SLH	PSM(AHD)RL	OPM197247/RL74.829	HE	HAYNES CONSULTING ENGINEERS	HAYNES CONSULTING ENGINEERS ABN 53 613 630 078 PO BOX 549 NOOSA HEADS QLD 4567 (0432) 784 150	GREENDALE STAGE 7 LOT 99 SP345311, 29 LOTS ROADS AND DRAINAGE OPW 95 MOOLOO ROAD, PIE CREEK, FOR ROBERTS BROS. OVERALL EWKS AND SW PLAN	1803-G7R Sheet No. - Revision No. EW1 C
	B	21-2-25	UPDATE CUT/FILL	SLH	SURVEYED	MURRAY & ASSOC					
	A	2-5-24	FOR APPROVAL	ATH	RPEQ NO.	13201					
	RV	DATE	REVISIONS	APPR.	RPEQ NAME	ALLISTER HAYNES					

Appendix B – Test Results

Project Summary Report



LABORATORIES

Gympie Laboratory

1 Dennis Little Drive Glanmire QLD 4570

Phone: (07) 4128 3213

Email: accounts@gsglabs.com.au

Report Date: 26/06/2026
Client: THE COTTAR TRUST t/a ROBERTS BROS PTY LTD
 PO BOX 247, COOROY QLD 4563
Contact: PHIL ROBERTS
Project Number: GSGY-GLN-25-293
Project Name: GREENDALE STAGE 7
Project Location: LOT 99 ON SP345311 (#95) MOOLOO ROAD, PIE CREEK
Specification: Minimum 95% Hilt Density Ratio
Test Methods: AS 1289 5.7.1 STD & 5.8.1 & 2.1.1

Lot #	Sample #	Date Sampled	Location	Easting	Northing	Elevation (m)	Layer	Relative Compaction (%)	Moisture Variation (%)	Moisture Content (%)	Field Wet Density (t/m3)
16	G5699A	27/08/2025	27/8/25 Lot 16	462587.29	7096313.03	68.63	Embankment Fill	104.0	0.0	18.6	2.11
16	G5699B	27/08/2025	27/8/25 Lot 16	462595.20	7096301.25	69.07	Embankment Fill	106.0	0.5	17.5	2.14
24	G5746A	27/08/2025	27/8/25 Lot 24	462651.66	7096285.04	69.67	Embankment Fill	103.5	1.0	19.8	2.10
24	G5746B	27/08/2025	27/8/25 Lot 24	462667.48	7096279.10	69.56	Embankment Fill	106.5	-0.5	20.3	2.14
16	G5699C	28/08/2025	28/8/25 Lot 16	462570.79	7096293.55	69.18	Embankment Fill	104.5	1.5	15.8	2.10
16	G5699D	28/08/2025	28/8/25 Lot 16	462584.35	7096287.12	69.35	Embankment Fill	105.5	1.0	17.2	2.13
24	G5746C	29/08/2025	29/8/25 Lot 24	462657.03	7096270.83	70.41	Embankment Fill	101.5	0.5	18.6	2.03
24	G5746D	29/08/2025	29/8/25 Lot 24	462670.61	7096267.95	70.27	Embankment Fill	100.0	1.0	19.3	2.00
24	G5746E	29/08/2025	29/8/25 Lot 24	462681.40	7096265.39	70.29	Embankment Fill	104.0	0.5	19.3	2.07
16	G5699E	29/08/2025	29/8/25 Lot 16	462593.76	7096303.53	69.32	Embankment Fill	99.5	0.0	19.4	2.04
17	G5700A	03/09/2025	4/9/25 Lot 17	462596.17	7096362.41	69.03	Embankment Fill	105.0	1.5	18.0	2.08
17	G5700B	03/09/2025	4/9/25 Lot 17	462594.71	7096354.15	68.95	Embankment Fill	105.5	2.0	17.5	2.11
17	G5700C	03/09/2025	4/9/25 Lot 17	462591.38	7096345.56	68.67	Embankment Fill	105.5	0.0	18.3	2.11
**	G5818A	04/09/2025	4/9/25 Road 6	540	1.5 from CL	-950mm	Embankment Fill	105.0	1.0	17.2	2.08
**	G5818B	04/09/2025	4/9/25 Road 6	640	-1.0 from CL	-1000mm	Embankment Fill	106.5	0.5	18.5	2.12
**	G5818C	04/09/2025	4/9/25 Road 6	740	-0.8 from CL	-1000mm	Embankment Fill	106.5	1.5	16.2	2.15
**	G5818D	04/09/2025	4/9/25 Road 6	840	0.0 from CL	-1000mm	Embankment Fill	102.5	3.5	11.3	2.08
17	G5700D	05/09/2025	5/9/25 Lot 17	462596.77	7096338.30	69.29	Embankment Fill	99.5	0.5	21.3	2.00
17	G5700E	05/09/2025	5/9/25 Lot 17	462607.18	7096330.84	69.43	Embankment Fill	102.5	0.5	22.0	2.05
18	G5819A	08/09/2025	8/9/25 Lot 18	462613.08	7096387.74	68.53	Embankment Fill	101.5	2.0	16.1	2.01
18	G5819B	08/09/2025	8/9/25 Lot 18	462607.46	7096399.63	68.71	Embankment Fill	103.5	2.0	16.9	2.04
18	G5819C	08/09/2025	8/9/25 Lot 18	462601.18	7096406.14	68.92	Embankment Fill	102.5	2.0	18.6	2.03
**	G5859A	10/09/2025	10/9/25 Lot 22	462637.30	7096196.35	72.47	Embankment Fill	103.5	2.0	27.0	1.93
**	G5859B	10/09/2025	10/9/25 Lot 22	462659.21	7096175.59	72.42	Embankment Fill	105.5	2.0	26.3	1.95
17	G5700F	10/09/2025	10/9/25 Lot 17	462602.63	7096348.17	69.69	Embankment Fill	106.0	2.0	15.9	2.09
17	G5700G	10/09/2025	10/9/25 Lot 17	462589.13	7096346.23	69.54	Embankment Fill	106.0	2.0	13.4	2.09
17	G5700H	10/09/2025	10/9/25 Lot 17	462581.40	7096356.71	69.42	Embankment Fill	102.0	2.0	17.6	2.02
**	G5859C	11/09/2025	11/9/25 Lot 22	462642.00	7096183.07	72.85	Embankment Fill	105.5	2.0	25.7	2.04
**	G5859D	11/09/2025	11/9/25 Lot 22	462650.80	7096179.59	72.60	Embankment Fill	104.5	2.0	25.5	2.05
18	G5819D	11/09/2025	11/9/25 Lot 18	462613.53	7096421.32	68.89	Embankment Fill	102.5	2.0	21.3	2.02
18	G5819E	11/09/2025	11/9/25 Lot 18	462622.98	7096426.61	69.12	Embankment Fill	104.0	1.5	22.6	2.02
**	G5919A	16/09/2025	16/9/25 Road 6	820	0.0 from CL	**	Subgrade Replacement Layer 1	103.0	2.5	11.5	2.12
**	G5919B	16/09/2025	16/9/25 Road 6	720	0.5 from CL	**	Subgrade Replacement Layer 1	101.5	2.0	10.3	2.11
**	G5919C	16/09/2025	16/9/25 Road 6	620	-1.0 from CL	**	Subgrade Replacement Layer 1	102.5	2.5	9.7	2.15
**	G5919D	16/09/2025	16/9/25 Road 6	520	1.0 from CL	**	Subgrade Replacement Layer 1	103.0	2.5	9.4	2.16
Lot 7	G6279A	11/11/2025	Lot 7	462684.57	7096127.47	71.79	Embankment Fill	102.5	2.0	19.1	2.08
Lot 7	G6279B	11/11/2025	Lot 7	462682.44	7096107.62	72.00	Embankment Fill	104.0	2.0	16.6	2.16
Lot 13	G6079A	11/11/2025	Lot 13	462442.94	7096244.39	70.37	Embankment Fill	103.5	2.0	10.4	2.16
Lot 13	G6079B	11/11/2025	Lot 13	462460.67	7096258.54	70.01	Embankment Fill	102.0	2.0	10.4	2.13
Lot 13	G6079C	11/11/2025	Lot 13	462473.74	7096246.40	70.44	Embankment Fill	106.0	2.0	9.8	2.19
Lot 24	G6280A	11/11/2025	Lot 24	462662.24	7096295.66	70.72	Embankment Fill	104.5	4.0	16.2	2.02
Lot 24	G6280B	11/11/2025	Lot 24	462693.57	7096262.22	70.18	Embankment Fill	103.5	2.0	16.0	2.09
Lot 24	G6280C	11/11/2025	Lot 24	462661.27	7096275.09	70.60	Embankment Fill	105.0	2.0	15.7	2.11
Lot 6	G6294A	13/11/2025	Lot 6	462661.41	7096008.28	74.13	Embankment Fill	103.0	2.0	17.0	2.03
Lot 6	G6294B	13/11/2025	Lot 6	462662.73	7096041.54	74.33	Embankment Fill	105.5	2.0	18.5	2.06
Lot 24	G6280D	19/11/2025	Lot 24	462685.30	7096260.88	70.82	Embankment Fill	96.5	1.0	14.5	2.01
Lot 24	G6280E	19/11/2025	Lot 24	462686.98	7096282.80	70.85	Embankment Fill	98.5	1.5	14.5	2.00
Lot 24	G6280F	19/11/2025	Lot 24	462662.71	7096289.61	71.10	Embankment Fill	101.5	2.0	14.7	2.03
Lot 24	G6280G	19/11/2025	Lot 24	462657.70	7096277.78	71.12	Embankment Fill	98.5	1.5	14.7	2.06
20	G6396A	02/12/2025	Lot 20	462594.21	7096490.71	68.32	Embankment Fill	98.5	2.0	16.7	1.97
20	G6396B	02/12/2025	Lot 20	462601.42	7096516.24	68.38	Embankment Fill	101.5	1.5	19.3	2.04
20	G6396C	02/12/2025	Lot 20	462621.21	7096492.06	68.54	Embankment Fill	102.0	1.5	21.1	2.02
20	G6396D	02/12/2025	Lot 20	462634.27	7096507.78	68.74	Embankment Fill	101.5	1.5	19.9	2.03
19	G6397A	02/12/2025	Lot 19	462624.95	7096460.06	69.28	Embankment Fill	101.0	0.5	20.3	2.04
19	G6397B	02/12/2025	Lot 19	462623.94	7096444.08	69.28	Embankment Fill	100.5	0.0	21.0	2.04

Lot #	Sample #	Date Sampled	Location	Easting	Northing	Elevation (m)	Layer	Relative Compaction (%)	Moisture Variation (%)	Moisture Content (%)	Field Wet Density (t/m3)
19	G6397C	02/12/2025	Lot 19	462597.75	7096448.26	68.81	Embankment Fill	101.5	0.0	20.0	2.05
19	G6397D	02/12/2025	Lot 19	462599.20	7096466.89	68.84	Embankment Fill	99.0	0.5	21.0	2.01
21	G6403A	03/12/2025	Lot 21	462640.26	7096529.97	63.63	Embankment Fill	105.5	2.0	18.7	2.08
21	G6403B	03/12/2025	Lot 21	462611.67	7096538.02	63.21	Embankment Fill	100.5	1.5	17.2	2.02
21	G6403C	03/12/2025	Lot 21	462633.69	7096541.25	63.43	Embankment Fill	98.0	2.0	16.0	2.02
21	G6403D	03/12/2025	Lot 21	462619.84	7096560.31	63.08	Embankment Fill	104.0	2.0	16.9	2.06
21	G6403E	03/12/2025	Lot 21	462649.39	7096553.58	63.35	Embankment Fill	98.5	1.5	13.6	2.00
20	G6396E	03/12/2025	Lot 20	462621.04	7096498.95	63.67	Embankment Fill	97.0	1.5	18.8	1.96
20	G6396F	03/12/2025	Lot 20	462595.04	7096507.20	63.47	Embankment Fill	99.5	1.5	18.0	2.00
18	G6406A	04/12/2025	Lot 18	462616.40	7096413.73	70.18	Embankment Fill	100.0	1.5	18.6	2.06
18	G6406B	04/12/2025	Lot 18	462597.23	7096420.09	69.75	Embankment Fill	99.0	0.0	21.3	2.07
18	G6406C	04/12/2025	Lot 18	462576.38	7096411.39	69.41	Embankment Fill	100.0	-0.5	19.8	2.09
19	G6397E	04/12/2025	Lot 19	462624.36	7096440.41	69.77	Embankment Fill	95.5	-0.5	21.4	2.02
19	G6397F	04/12/2025	Lot 19	462607.45	7096452.10	69.49	Embankment Fill	104.0	1.0	20.9	2.10
19	G6397G	04/12/2025	Lot 19	462584.98	7096450.95	69.08	Embankment Fill	99.0	-0.5	19.0	2.08
19	G6397H	04/12/2025	Lot 19	462627.08	7096466.71	69.78	Embankment Fill	95.5	-0.5	20.0	2.01
19	G6397I	04/12/2025	Lot 19	462593.52	7096473.84	69.10	Embankment Fill	97.0	-0.5	19.0	2.05
20	G6396G	04/12/2025	Lot 20	462595.14	7096507.80	68.93	Embankment Fill	101.0	-0.5	20.0	2.11
20	G6396H	04/12/2025	Lot 20	462612.13	7096504.87	69.09	Embankment Fill	100.0	-1.0	19.3	2.09
20	G6396I	04/12/2025	Lot 20	462627.81	7096500.94	69.32	Embankment Fill	96.5	-1.0	20.7	2.04
21	G6403F	05/12/2025	Lot 21	462629.77	7096566.17	69.01	Embankment Fill	106.5	1.5	19.8	2.11
21	G6403G	05/12/2025	Lot 21	462651.80	7096551.00	69.25	Embankment Fill	104.5	1.0	19.4	2.09
21	G6403H	05/12/2025	Lot 21	462636.58	7096541.62	69.34	Embankment Fill	103.5	2.0	18.3	2.04
21	G6403I	05/12/2025	Lot 21	462611.69	7096535.44	69.15	Embankment Fill	106.5	1.0	16.4	2.13
21	G6403J	05/12/2025	Lot 21	462638.26	7096528.68	69.38	Embankment Fill	107.0	2.0	18.4	2.10
28	G6428A	05/12/2025	Lot 28	462688.66	7096475.91	69.22	Embankment Fill	102.0	2.0	17.5	2.06
28	G6428B	05/12/2025	Lot 28	462702.92	7096491.01	69.29	Embankment Fill	106.0	1.5	17.3	2.13
28	G6428C	05/12/2025	Lot 28	462722.75	7096477.50	69.24	Embankment Fill	103.5	1.5	19.0	2.07
28	G6428D	05/12/2025	Lot 28	462696.35	7096483.99	69.26	Embankment Fill	102.5	1.5	17.3	2.13
21	G6403K	09/12/2025	Lot 21	462635.35	7096541.12	69.71	Embankment Fill	101.5	1.5	17.4	2.03
21	G6403L	09/12/2025	Lot 21	462615.42	7096551.58	69.37	Embankment Fill	101.5	1.5	17.2	2.04
21	G6403M	09/12/2025	Lot 21	462607.99	7096534.82	69.40	Embankment Fill	104.0	1.5	16.9	2.09
21	G6403N	09/12/2025	Lot 21	462633.42	7096529.83	69.72	Embankment Fill	101.5	1.5	18.1	2.04
21	G6403O	09/12/2025	Lot 21	462646.08	7096549.95	69.56	Embankment Fill	103.5	2.0	17.5	2.06
28	G6428E	09/12/2025	Lot 28	462694.28	7096475.91	69.86	Embankment Fill	103.5	1.5	17.7	2.09
28	G6428F	09/12/2025	Lot 28	462718.27	7096486.05	69.61	Embankment Fill	105.0	1.0	17.7	2.12
28	G6428G	10/12/2025	Lot 28	462726.29	7096475.75	69.88	Embankment Fill	103.5	1.5	23.0	2.07
28	G6428H	10/12/2025	Lot 28	462720.35	7096494.78	69.98	Embankment Fill	107.0	2.0	19.4	2.13
28	G6428I	10/12/2025	Lot 28	462698.40	7096471.64	70.11	Embankment Fill	102.5	1.0	23.7	2.05
28	G6428J	10/12/2025	Lot 28	462693.41	7096489.26	70.22	Embankment Fill	102.0	1.5	19.4	2.02
29	G6460A	10/12/2025	Lot 29	462720.12	7096523.91	69.52	Embankment Fill	102.5	0.5	19.3	2.06
29	G6460B	10/12/2025	Lot 29	462696.05	7096519.24	69.68	Embankment Fill	101.0	-0.5	20.2	2.11
29	G6460C	10/12/2025	Lot 29	462695.55	7096532.12	69.47	Embankment Fill	98.0	-0.5	20.2	2.05
29	G6460D	10/12/2025	Lot 29	462684.21	7096549.23	69.18	Embankment Fill	101.0	-0.5	17.8	2.11
29	G6460E	10/12/2025	Lot 29	462713.25	7096538.77	69.28	Embankment Fill	101.0	-1.0	17.5	2.08
29	G6460F	11/12/2025	Lot 29	462729.77	7096525.62	70.23	Embankment Fill	103.0	1.0	17.3	2.11
29	G6460G	11/12/2025	Lot 29	462713.58	7096522.69	70.32	Embankment Fill	101.0	0.5	17.0	2.06
29	G6460H	11/12/2025	Lot 29	462699.65	7096519.47	70.13	Embankment Fill	101.5	1.0	16.8	2.06
29	G6460I	11/12/2025	Lot 29	462686.68	7096517.22	70.22	Embankment Fill	101.0	1.5	16.3	2.07
29	G6460J	11/12/2025	Lot 29	462718.26	7096533.42	70.17	Embankment Fill	100.5	0.5	17.4	2.09
29	G6460K	11/12/2025	Lot 29	462701.62	7096531.88	70.19	Embankment Fill	98.0	1.0	15.3	2.05
29	G6460L	11/12/2025	Lot 29	462688.33	7096532.32	70.26	Embankment Fill	102.5	1.5	16.2	2.13
29	G6460M	11/12/2025	Lot 29	462717.19	7096543.40	70.07	Embankment Fill	99.5	1.0	16.1	2.05
29	G6460N	11/12/2025	Lot 29	462700.95	7096544.10	70.03	Embankment Fill	103.0	1.5	14.9	2.13
29	G6460O	11/12/2025	Lot 29	462688.07	7096546.79	69.99	Embankment Fill	101.0	1.5	17.1	2.04
23	G6465A	12/12/2025	Lot 23	462675.83	7096238.01	70.50	Embankment Fill	99.5	2.0	15.5	2.04
23	G6465B	12/12/2025	Lot 23	462688.90	7096234.64	70.37	Embankment Fill	99.5	0.5	16.0	2.01
23	G6465C	12/12/2025	Lot 23	462687.03	7096214.88	70.32	Embankment Fill	101.0	1.0	15.9	2.04
21	G6403P	15/12/2025	Lot 21	462625.45	7096553.97	69.98	Embankment Fill	102.5	2.0	18.1	2.03
21	G6403Q	15/12/2025	Lot 21	462638.19	7096541.28	70.27	Embankment Fill	104.0	2.0	19.3	2.06
23	G6465D	16/12/2025	Lot 23	462655.951	7096245.589	71.24	Embankment Fill	100.5	0.0	16.3	2.04
23	G6465E	16/12/2025	Lot 23	462672.983	7096234.657	70.96	Embankment Fill	101.5	0.0	15.9	2.08
23	G6465F	16/12/2025	Lot 23	462684.717	7096223.650	70.84	Embankment Fill	103.5	0.5	15.6	2.10
25	G6510A	20/01/2026	Lot 25	462690.06	7096348.51	70.05	Embankment Fill	99.0	1.0	14.4	2.06
25	G6510B	20/01/2026	Lot 25	462702.17	7096334.02	69.63	Embankment Fill	99.0	1.0	12.8	2.12
25	G6510C	20/01/2026	Lot 25	462678.44	7096333.51	70.08	Embankment Fill	100.0	2.0	14.7	2.04
25	G6510D	20/01/2026	Lot 25	462666.01	7096347.53	70.31	Embankment Fill	103.5	2.0	13.7	2.14
25	G6510E	20/01/2026	Lot 25	462670.24	7096336.99	70.03	Embankment Fill	98.0	1.0	13.4	2.11
**	G6535A	20/01/2026	Lot 15	462546.18	7096281.33	69.99	Embankment Fill	99.0	1.0	13.3	2.08
**	G6535B	20/01/2026	Lot 15	462528.18	7096290.06	69.81	Embankment Fill	100.5	2.0	13.1	2.06
25	G6510F	22/01/2026	Lot 25	462663.92	7096322.11	70.87	Embankment Fill	97.5	1.5	11.3	2.07
25	G6510G	22/01/2026	Lot 25	462696.14	7096316.23	70.31	Embankment Fill	99.5	2.0	12.8	2.11
25	G6510H	22/01/2026	Lot 25	462685.49	7096330.64	70.59	Embankment Fill	104.0	2.0	12.2	2.18
25	G6510I	22/01/2026	Lot 25	462671.19	7096344.71	70.82	Embankment Fill	103.5	2.0	12.0	2.17

Lot #	Sample #	Date Sampled	Location	Easting	Northing	Elevation (m)	Layer	Relative Compaction (%)	Moisture Variation (%)	Moisture Content (%)	Field Wet Density (t/m3)
25	G6510J	22/01/2026	Lot 25	462702.13	7096344.13	70.56	Embankment Fill	100.0	2.0	12.0	2.09
14	G6554A	22/01/2026	Lot 14	462513.01	7096240.57	71.54	Embankment Fill	100.5	1.5	13.4	2.08
14	G6554B	22/01/2026	Lot 14	462528.36	7096229.26	71.97	Embankment Fill	102.0	2.0	14.1	2.04
14	G6554C	22/01/2026	Lot 14	462539.84	7096223.31	71.74	Embankment Fill	100.0	2.0	14.0	2.01
14	G6554D	22/01/2026	Lot 14	462514.00	7096222.14	72.11	Embankment Fill	102.0	2.0	12.5	2.00
26	G6549A	27/01/2026	Lot 26	462681.40	7096377.71	69.50	Embankment Fill	104.0	2.0	13.7	2.12
26	G6549B	27/01/2026	Lot 26	462685.37	7096381.66	69.24	Embankment Fill	103.5	1.5	12.4	2.18
26	G6549C	27/01/2026	Lot 26	462691.46	7096375.61	69.40	Embankment Fill	104.5	2.0	12.7	2.12
26	G6549D	27/01/2026	Lot 26	462693.16	7096369.18	69.38	Embankment Fill	101.0	2.0	14.2	2.10
26	G6549E	27/01/2026	Lot 26	462702.49	7096371.59	69.26	Embankment Fill	101.5	1.5	13.0	2.14
**	G6562A	27/01/2026	Road 6 Subgrade Replacement	230	-0.5 from CL	**	Subgrade Replacement Layer 1	100.0	1.5	8.6	2.15
**	G6562B	27/01/2026	Road 6 Subgrade Replacement	320	1.8 from CL	**	Subgrade Replacement Layer 1	100.5	1.5	7.6	2.17
**	G6562C	27/01/2026	Road 6 Subgrade Replacement	420	0.7 from CL	**	Subgrade Replacement Layer 1	102.0	1.5	7.3	2.24
**	G6563A	27/01/2026	Road 7 Subgrade Replacement	40	3.6 from CL	**	Subgrade Replacement Layer 1	100.0	2.0	9.1	2.17
**	G6563B	27/01/2026	Road 7 Subgrade Replacement	120	-2.2 from CL	**	Subgrade Replacement Layer 1	100.5	0.5	11.3	2.20
**	G6564A	27/01/2026	Road 7 Subgrade Replacement	50	-1.0 from CL	**	Subgrade Replacement Layer 2	100.5	1.0	10.3	2.22
**	G6564B	27/01/2026	Road 7 Subgrade Replacement	130	1.5 from CL	**	Subgrade Replacement Layer 2	101.0	2.0	11.7	2.16
**	G6579A	02/02/2026	Road 6	250	-0.5 from CL	**	Subgrade Replacement Layer 2	105.0	4.5	7.8	2.20
**	G6579B	02/02/2026	Road 6	350	1.5 from CL	**	Subgrade Replacement Layer 2	105.0	5.0	8.0	2.18
**	G6579C	02/02/2026	Road 6	450	-1.9 from CL	**	Subgrade Replacement Layer 2	107.5	4.5	9.5	2.30
**	G6579D	02/02/2026	Road 6	550	0.8 from CL	**	Subgrade Replacement Layer 2	106.0	3.5	9.8	2.21
**	G6579E	02/02/2026	Road 6	650	-1.0 from CL	**	Subgrade Replacement Layer 2	106.5	4.5	9.6	2.22
**	G6579F	02/02/2026	Road 6	750	0.0 from CL	**	Subgrade Replacement Layer 2	106.0	4.0	9.0	2.21
**	G6579G	02/02/2026	Road 6	850	-0.3 from CL	**	Subgrade Replacement Layer 2	105.5	4.0	9.1	2.27
8	G6583A	04/02/2026	Lot 8	462626.64	7096149.72	76.07	Embankment Fill	96.0	-0.5	19.6	1.95
8	G6583B	04/02/2026	Lot 8	462623.97	7096138.83	76.55	Embankment Fill	96.0	-0.5	19.0	1.98
8	G6583C	04/02/2026	Lot 8	462608.70	7096139.85	77.07	Embankment Fill	95.0	0.0	19.3	1.92
8	G6583D	04/02/2026	Lot 8	462606.33	7096151.52	76.80	Embankment Fill	96.5	0.5	18.8	1.98
26	G6611A	04/02/2026	Lot 26	462697.436	7096387.973	70.268	Embankment Fill	97.0	-0.5	21.1	1.98
26	G6611B	04/02/2026	Lot 26	462699.969	7096369.545	69.65	Embankment Fill	95.0	-1.0	20.4	1.93
26	G6611C	04/02/2026	Lot 26	462716.265	7096373.183	70.110	Embankment Fill	96.0	-1.5	21.4	1.98
26	G6611D	04/02/2026	Lot 26	462718.279	7096383.905	69.701	Embankment Fill	98.0	-1.5	21.2	2.02
26	G6611E	04/02/2026	Lot 26	462666.293	7096361.534	69.834	Embankment Fill	100.0	-1.5	21.6	2.06
26	G6611F	05/02/2026	Lot 26	462682.696	7096382.612	71.112	Embankment fill	98.5	2.0	16.7	2.02
26	G6611G	05/02/2026	Lot 26	462689.288	7096367.552	70.985	Embankment fill	100.5	1.5	18.9	2.01
26	G6611H	05/02/2026	Lot 26	462695.415	7096386.618	71.005	Embankment fill	104.0	1.0	18.7	2.08
**	G6624A	05/02/2026	Lot 14	462589.89	7096260.66	70.97	Embankment Fill	103.0	1.5	20.7	2.07
**	G6624B	05/02/2026	Lot 14	462575.71	70966248.42	70.84	Embankment Fill	101.5	1.0	21.6	2.03
**	G6624C	05/02/2026	Lot 14	462544.13	7096278.97	70.51	Embankment Fill	105.5	1.5	21.2	2.09
27	G6639A	09/02/2026	Lot 27	462689.556	7096417.965	69.44	Embankment Fill	102.5	0.0	16.9	2.04
27	G6639B	09/02/2026	Lot 27	462709.114	7096422.984	69.27	Embankment Fill	104.5	0.0	19.9	2.10
27	G6639C	09/02/2026	Lot 27	462695.010	7096442.309	69.02	Embankment Fill	104.5	0.5	16.7	2.05
27	G6639D	09/02/2026	Lot 27	462718.525	7096446.461	68.72	Embankment Fill	103.5	0.5	17.8	2.07
27	G6639E	11/02/2026	Lot 27	462670.780	7096424.991	70.693	Embankment Fill	103.0	2.0	22.2	1.97
27	G6639F	11/02/2026	Lot 27	462718.570	7096428.075	69.733	Embankment Fill	105.0	2.0	21.4	2.01
27	G6639G	11/02/2026	Lot 27	462699.013	7096435.152	70.044	Embankment Fill	104.0	2.0	20.9	1.98
27	G6639H	11/02/2026	Lot 27	462725.719	7096453.585	69.754	Embankment Fill	106.5	2.0	21.6	2.05
27	G6639I	12/02/2026	Lot 27	462691.876	7096432.513	70.755	Embankment Fill	100.5	1.5	20.4	1.94
27	G6639J	12/02/2026	Lot 27	462697.944	7096439.832	70.671	Embankment Fill	101.0	1.0	20.4	1.97
27	G6639K	12/02/2026	Lot 27	462690.145	7096448.596	70.722	Embankment Fill	104.5	2.0	21.0	2.00
27	G6639L	12/02/2026	Lot 27	462712.897	7096423.966	70.540	Embankment Fill	103.0	2.0	20.5	2.03
27	G6639M	12/02/2026	Lot 27	462722.473	7096443.585	70.765	Embankment Fill	102.0	2.0	20.3	1.96
27	G6639N	12/02/2026	Lot 27	462730.686	7096428.644	70.430	Embankment Fill	104.5	2.0	21.5	2.01
23	G6665A	12/02/2026	Lot 3	462511.274	7096043.520	79.541	Embankment Fill	102.0	2.0	22.3	1.96
23	G6665B	12/02/2026	Lot 3	462521.331	7096066.441	79.357	Embankment Fill	105.0	2.0	20.0	2.00
14	G6747A	26/02/2026	Lot 14	462530.117	7096225.553	72.57	Embankment Fill	97.0	2.0	15.0	2.00
14	G6747B	26/02/2026	Lot 14	462550.123	7096226.064	72.50	Embankment Fill	98.5	1.0	15.9	2.04

Lot #	Sample #	Date Sampled	Location	Easting	Northing	Elevation (m)	Layer	Relative Compaction (%)	Moisture Variation (%)	Moisture Content (%)	Field Wet Density (t/m3)
13	G6748A	26/02/2026	Lot 13	462435.278	7096235.408	70.82	Embankment Fill	103.0	2.0	16.0	2.10
13	G6748B	26/02/2026	Lot 13	462449.634	7096254.135	70.67	Embankment Fill	101.5	1.5	14.7	2.07
12	G6745A	26/02/2026	Lot 12	462400.762	7096188.173	72.03	Embankment Fill	103.5	2.0	14.7	2.13
12	G6745B	26/02/2026	Lot 12	462395.245	7096169.408	72.63	Embankment Fill	101.5	2.0	16.3	2.11
12	G6871A	23/03/2026	Lot 12	462391.774	7096179.880	72.727	Embankment Fill	102.5	2.0	15.2	2.13
12	G6871B	23/03/2026	Lot 12	462404.419	7096173.873	72.813	Embankment Fill	100.5	1.0	14.9	2.12
13	G6872A	23/03/2026	Lot 13	462436.293	7096237.658	71.106	Embankment Fill	96.5	2.0	13.3	2.07
13	G6872B	23/03/2026	Lot 13	462454.499	7096243.808	71.167	Embankment Fill	98.0	2.0	13.1	2.10
9	G6873A	23/03/2026	Lot 9	462550.238	7096179.689	74.751	Embankment Fill	103.5	2.0	15.9	2.17
9	G6873B	23/03/2026	Lot 9	462524.074	7096188.449	74.742	Embankment Fill	102.0	1.5	14.1	2.12
**	G6922A	27/03/2026	Road 7	40	-1.0 from CL	**	2.3 Layer	104.0	3.5	5.2	2.35
**	G6922B	27/03/2026	Road 7	140	0.0 from CL	**	2.3 Layer	105.0	4.5	5.6	2.38
**	G6948A	02/04/2026	Road 6	340	1.0 from CL	**	2.3 Layer	104.5	3.5	6.0	2.34
**	G6948B	02/04/2026	Road 6	440	-0.5 from CL	**	2.3 Layer	104.5	3.5	5.5	2.32
9	G6949A	02/04/2026	Lot 9	462523.810	7096174.366	76.195	Embankment Fill	103.0	2.0	16.3	2.07
9	G6949B	02/04/2026	Lot 9	462541.835	7096167.168	75.012	Embankment Fill	101.5	2.0	16.6	2.12
**	G6979A	15/04/2026	Lot 10	462470.379	7096193.594	72.554	Embankment Fill	102.0	-2.0	23.5	2.06
**	G6979B	15/04/2026	Lot 10	462457.598	7096187.926	72.614	Embankment Fill	97.0	-2.0	24.7	1.95
**	G7101A	05/05/2026	Road 6	270	0.5 from CL	**	2.3 Layer	103.0	5.0	5.3	2.35
**	G7101B	05/05/2026	Road 6	540	-1.2 from CL	**	2.3 Layer	105.0	4.5	5.3	2.33
**	G7101C	05/05/2026	Road 6	640	1.4 from CL	**	2.3 Layer	104.5	4.0	5.0	2.33
**	G7101D	05/05/2026	Road 6	740	-0.7 from CL	**	2.3 Layer	104.0	4.5	5.3	2.32
**	G7101E	05/05/2026	Road 6	840	0.8 from CL	**	2.3 Layer	103.5	4.5	5.3	2.30
10	G7102A	05/05/2026	Lot 10	462489.055	7096180.223	74.221	Embankment Fill	101.0	1.5	13.3	2.04
10	G7102B	05/05/2026	Lot 10	462474.809	7096169.067	74.334	Embankment Fill	104.0	2.0	13.5	2.10
**	G7140A	12/05/2026	Road 7	43	1.5 from CL	**	2.1 Base Layer	100.0	1.5	6.2	2.36
**	G7140B	12/05/2026	Road 7	111	-0.7 from CL	**	2.1 Base Layer	101.5	1.5	6.4	2.39
**	G7258A	08/06/2026	Road 6	540	2.02 from CL	**	Base Layer	100.5	3.5	4.7	2.29
**	G7258B	08/06/2026	Road 6	440	1.3 from CL	**	Base Layer	102.0	3.5	4.9	2.34
**	G7258C	08/06/2026	Road 6	340	-0.5 from CL	**	Base Layer	102.0	4.0	4.8	2.34
**	G7258D	08/06/2026	Road 6	240	-1.4 from CL	**	Base Layer	101.5	4.5	4.7	2.35
**	G7305A	22/06/2026	Road 7	640	0.7 from CL	**	2.1 Base Layer	100.0	2.5	6.1	2.31
**	G7305B	22/06/2026	Road 7	740	-1.3 from CL	**	2.1 Base Layer	100.5	2.5	5.8	2.29
**	G7305C	22/06/2026	Road 7	840	-0.7 from CL	**	2.1 Base Layer	101.5	2.5	6.1	2.31

Moisture Variation Note:

Positive values = test is dry of OMC

Negative values = test is wet of OMC