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2026-04-09

Greg Dewe
Land Operations Manager
Fulton Hogan Ltd
Via email: Gregory.Dewe@fultonhogan.com

Dear Greg,

Rosemerryn Subdivision – Stage 24
Geotechnical Completion Letter

This geotechnical completion letter report is submitted to fulfil the geotechnical requirements of Condition 21 of the Selwyn District Council Resource Consent RC185574. Condition 21 requires confirmation that the original Technical Classification remains applicable after final earthworks have been completed.

1 Introduction

Fulton Hogan Land Development Limited (FHLD) is developing the Rosemerryn Subdivision located in Lincoln, Christchurch. Aurecon New Zealand Limited (Aurecon) has provided Geotechnical Engineering services for the subdivision development, including a geotechnical investigation and subsequent assessment of Stages 19 to 25 for the purposes of obtaining a subdivision consent. The investigation and assessment are detailed in the Aurecon Geotechnical Reports "*Rosemerryn Subdivision, Lincoln, Stages 19 to 24 Geotechnical Investigation Report"*, dated 22 June 2018 and "*Rosemerryn Subdivision, Lincoln, Stage 25 Geotechnical Investigation Report"* date 17 March 2022. Following the completion of these reports and subsequent planning and development of the subdivision, the various Stage numbering and boundaries have been adjusted by the Client. As such, the final Stage 24 area associated with this Geotechnical Completion Letter spans the area of Geotechnical Assessment in both referenced reports.

FHLD has engaged Aurecon to provide a geotechnical review of the construction completed in Stage 24 of the Rosemerryn Subdivision to confirm the Technical Category Classifications of the proposed allotments. The extent of Stage 24 is shown in the attached Earthfill As-built plan for Stage 24 provided by Davie Lovell-Smith Ltd (Davie Lovell-Smith) and attached as Appendix A of this Letter. Aurecon's review is summarised in the letter below.

2 Earthworks

Cut and fill earthworks have been carried out across Stage 24 to ensure adequate drainage towards the street in accordance with the Selwyn District Council Code of Practice (SDC COP). The work was also carried out in accordance with the Christchurch City Council Construction Standards Specification (CCC CSS), the Infrastructure Design Standard (CCC IDS), and the New Zealand Building Code (NZBC). All bulk filling was compacted in accordance with NZS 4431:1989. Earthworks were undertaken using site won silt fill between March 2021 and November 2025. Cut and fill earthworks have been undertaken to a maximum 0.1m of cut and 1.2m of fill.

Bulk earthworks and compaction have been observed and signed off separately by the project Civil Engineers, Davie Lovell-Smith. Aurecon have reviewed the Nuclear Densometer (NDM) tests results,

and the Earthfill As-built plan for Stage 24 provided by Davie Lovell-Smith is attached as Appendix A of this letter.

The compaction testing results provided by Davie Loevell-Smith indicate that 95% MDD or greater compaction has generally been achieved in the areas of bulk fill. Where NDM results of fill are not available, the contractor completed additional compaction effort to provide further confirmation on the suitability of the fill compaction. NDM compaction results are included in Appendix B.

Complete NDM compaction results are generally not available for Lots 964 through 970 and Lots 973 through 979. As such, Davie Lovell Smith have undertaken shallow handheld testing on each of these lots comprising one hand-auger borehole and four Dynamic Cone Penetrometer (DCP) tests, which are included in Appendix C. The testing results generally indicates at least five blows per 100mm penetration (which corresponds to an ultimate bearing capacity of approximately 300kPa) at shallow depth of 0.3m to 0.6m below ground level. In general the consistent results achieved within the shallow handheld testing, combined with the available NDM compaction testing, indicates suitable compaction of fill materials has been achieved throughout Stage 24.

3 Liquefaction Hazard and Technical Category Assessment

3.1 Seismically Induced Liquefaction

Aurecon's Geotechnical Reports for Stages 19 to 25 were issued following the publication of the Ministry of Business, Innovation & Employment (MBIE) guidelines in December 2012, and subsequent updates in 2018, which define the Technical Category zoning, and the liquefaction induced deformation limits for each Technical Category.

The categories and corresponding criteria are as follows:

- **Technical Category 1 (TC1)** – Future land damage from liquefaction is unlikely, and ground settlements are expected to be within normally accepted tolerances.
- **Technical Category 2 (TC2)** – Minor to moderate land damage from liquefaction is possible in future large earthquakes.
- **Technical Category 3 (TC3)** – Moderate to significant land damage from liquefaction is possible in future large earthquakes.

The indicative vertical and horizontal displacements associated with each Technical Category classification, together with the impact of liquefaction on house foundations, are presented in Table 1 below.

Table 1 Liquefaction Deformation Limits and House Foundation Implications

Technical Category	Index Liquefaction Deformation Limits				Likely implications for House Foundations (subject to individual assessment)
	Vertical		Lateral Spread		
	SLS	ULS	SLS	ULS	
TC1	15mm	25mm	Nil	Nil	Standards NZS 3604 type foundations with tie slabs are acceptable subject to shallow geotechnical investigation.
TC2	50mm	100mm	50mm	100mm	MBIE enhanced foundation solutions.
TC3	>50mm	>100mm	>50mm	>100mm	Site specific foundation solution.

A liquefaction hazard assessment was undertaken as part of Aurecon's 2018 Geotechnical Report using the prescribed MBIE (2018) guidelines for residential development in Canterbury following the Canterbury Earthquake Sequence (CES).

The liquefaction analysis for Stage 24 was based on the boreholes and Cone Penetrometer (CPT) testing carried out as part of geotechnical investigations for the larger subdivision. The geotechnical investigation information used to assess Stage 24 is part of a large group of geotechnical information and only the tests relevant for this stage have been included in our assessment.

3.2 Technical Category Classification

Given the subdivision development has comprised relatively minor cut and fill earthworks, Aurecon considers that there has been no change in Technical Category Classification from our original assessment. Therefore, we consider that:

- **Lots 902 to 912 and 964 to 974 fulfil the requirements of a TC1 Classification.**
- **Lots 913 to 915, 975 to 979 and 982 to 988 fulfil the requirements of a TC2 Classification.**

4 Silty Soil Layers

Investigations undertaken by Aurecon prior to bulk earthworks indicate that loose to medium dense sands with interbedded layers of firm to stiff sandy silts may be encountered at shallow depths across the entirety of Stage 24. Lot specific shallow geotechnical investigations are required for all lots as part of the detailed building design process, which should also consider the potential for long term consolidation when selecting appropriate robust TC1 and TC2 type foundation systems.

5 Recommendations

5.1 General

This report is not intended to be used for detailed design of site-specific shallow foundations and is not suitable to support individual building consent applications. Site specific investigations are required at building consent stage.

5.2 TC1 Foundations

For lots identified as TC1, Aurecon considers NZS 3604:2011 type foundations are suitable, pending the completion of Lot Specific geotechnical investigations. We note that at the time of writing this letter, the location and structural form of the future dwellings on the lots are unknown and our recommendations relate to NZS 3604 type lightweight timber or steel framed residential buildings only.

5.3 TC2 Foundations

For lots identified as meeting TC2 requirements, Aurecon recommends founding dwellings on TC2 type 'enhanced foundation systems' as per Option 3 or 4 from the MBIE Guidelines (2012) Section 5.1.3 to mitigate the effects of liquefaction induced settlement. Alternatively, in accordance with MBIE Guidelines Section 5.4 a specific design could be undertaken by a suitably qualified chartered professional engineer.

6 Reference

Aurecon, 2018. *Rosemerryn Subdivision, Lincoln, Stages 19 to 24 Geotechnical Investigation Report, Rev0* - dated 22 June 2018. Aurecon New Zealand Limited, Christchurch, New Zealand.

Aurecon, 2022. *Rosemerryn Subdivision, Lincoln, Stage 25 Geotechnical Investigation Report, Rev0* – dated 17 March 2022. Aurecon New Zealand Limited, Christchurch, New Zealand.

MBIE, 2012. *Repairing and rebuilding houses affected by the Canterbury earthquakes*. Ministry of Business, Innovation and Employment, Wellington, New Zealand – December 2012.

MBIE, 2018. *Repairing and rebuilding houses affected by the Canterbury earthquakes*. Ministry of Business, Innovation and Employment, Wellington, New Zealand – May 2018.

7 Explanatory Statement

The contents of this letter are for the sole use of the Client and no responsibility or liability will be accepted to any third party. Information or opinions contained within this letter may not be used in other contexts or for any other purposes without our prior agreement.

The comments in this letter are based on our investigations of the site for the sole purposes of the geotechnical aspects only, as requested by the Client. Only a finite amount of information has been collected and this letter does not purport to completely describe all the site characteristics and properties.

The extent of our investigations and the results of all the tests carried out are as presented in the Geotechnical Reports for Stages 19 to 24 "*Rosemerryn Subdivision, Lincoln, Stages 19 to 24 Geotechnical Investigation Report*", dated 22 June 2018 and for Stage 25 "*Rosemerryn Subdivision, Lincoln, Stage 25 Geotechnical Investigation Report",* dated 17 March 2022.

We trust this meets your requirements and if there are any further questions, please do not hesitate to contact the undersigned.

Yours sincerely,

Prepared by

George Young

Geotechnical Engineer

Reviewed by

Kieran Foote

Lead Geotechnical Engineer, CPEng

Approved by

Dr Jan Kupec

Principal – Ground Engineering, CPEng

Appendix A – DLS Earthfill As-built Plan for Rosemerryn Subdivision Stage 24

AMENDMENTS :

AMENDMENT	DATE	DESCRIPTION

NOTES :

1. This plan has been prepared for Earth Fill asbuilt purposes only. No liability is accepted if the plan is used for any other purpose.
2. Any measurements taken from information which is not dimensioned on the electronic copy are at the risk of the recipient.
3. All roading information is asbuilt.

LEGEND

CONTOURS SHOWN ARE APPROXIMATELY
CUT (-ve) AND FILL (+ve) AT
0.1m INTERVALS.

CUT

FILL > 0.2m

ASBUILT KERB — CUT DOWN

ASBUILT FOOTPATH

DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

116 Wrights Road P O Box 679 Christchurch 8140. New Zealand
Telephone: 03 379-0793 Website: www.dls.co.nz E-mail: office@dls.co.nz

JOB TITLE:

Rosemerryn - Stage 24

SHEET TITLE:

Earth Fill Asbuilt

DRAWING STATUS

Asbuilt

SCALE : 1:500@A1
1:1000@A3

DATE : March 2026

CAD FILE : J:\21373\ASBUILTS\E21373_STG24_ABEF.dwg

DRAWN : GC

DRAWING No :

E.21373.ABEF

SHEET No:

REVISION :

R0

Appendix B – Compaction Testing Results

AMENDMENTS :

AMENDMENT	DATE	DESCRIPTION
R2	14/08/25	NO CHANGES THIS SHEET
R3	15/08/25	NO CHANGES THIS SHEET
R4	05/09/25	NO CHANGES THIS SHEET

NOTES :

1. ALL WORKS IN ACCORDANCE WITH SDC CODE OF PRACTICE PARTS 1-11 STANDARDS, IF STANDARDS ARE UNSPECIFIED REFER TO CCC CSS PARTS 1-7.
2. ORIGIN OF LEVELS
   SS 11A SO 797
   BRASS PLAQUE
   RL=9.42m.

   ALL LEVELS IN TERMS OF LYTTELTON VERTICAL DATUM 1937. LEVELS PRE 2010 & 2011 CANTERBURY EARTHQUAKES.
3. METAL DEPTHS TO BE CONFIRMED OR INCREASED BY ENGINEER FOLLOWING CHECKING OF SUBGRADE CBR STRENGTH ONCE EXCAVATED.
4. ALL BERMS TO BE COVER WITH A MINIMUM OF 150mm SCREENED TOPSOIL GRASSED WITH CCC BERM MIX.
5. EXISTING SERVICES HAVE BEEN DIGITISED FROM SERVICE AUTHORITY PLANS; COMPLETENESS AND ACCURACY ARE NOT GUARANTEED. ALL SERVICES TO BE FULLY SEARCHED & PILOTED PRIOR TO TRENCHING.
6. CLEARING TO INCLUDE REMOVAL OF ALL INTERNAL FENCING, ALL VEGETATION FROM LOTS, CLEARED AREA TO BE GRASSED AND FREE OF DEBRIS. ALL MATERIAL TO BE REMOVED FROM SITE.
7. CUT-FILL CONTOUR INTERVAL: MAJOR 1.0m MINOR 0.1m.
8. ALL EARTHFILL WORKS TO COMPLY WITH NZS 4431:1989 RELEVANT CERTIFICATION REQUIRED AS PROOF.
9. IF PEAT OR OTHER UNSUITABLE MATERIAL IS LOCATED IN THE SUBGRADE THE ENGINEER IS TO BE CONTACTED FOR INSTRUCTION.
10. ESCMP TO BE IN PLACE PRIOR TO ANY EARTHWORKS.
11. CONTRACTOR MUST READ ALL DISCHARGE CONSENTS PRIOR TO ANY EARTHWORKS.
12. DRAWINGS TO BE DISTRIBUTED AND READ AS A COMPLETE SET. ANY DISCREPANCIES ARE TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR CLARIFICATION.

Fulton Hogan
LAND DEVELOPMENT LTD.

LEGEND :

RETAINING WALL

LEVELS

20.31 PROPOSED LOT LEVELS

25.35 EXISTING LOT LEVELS

SEC. FLOW DIRECTION OF FLOW

ENGINEERING FILL

ENGINEERING CUT

PREVIOUSLY COMPLETED EARTHWORKS

EXISTING SERVICES — KERB

PROPOSED SERVICES — KERB

	NAME	SIGNED	DATE
DESIGNED BY	SAM JONES	SAM JONES	
CHECKED BY	TODD INNESS	TODD INNESS	

DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

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JOB TITLE:

Fulton Hogan Land Development Ltd.
Rosemerryn - Stage 24A & 24B

SHEET TITLE:

Cut Fill Plan
RC225391 & RC225528

DRAWING STATUS

For Engineering Approval

SCALE : 1:500@A1
1:1000@A3

DATE : January 2026

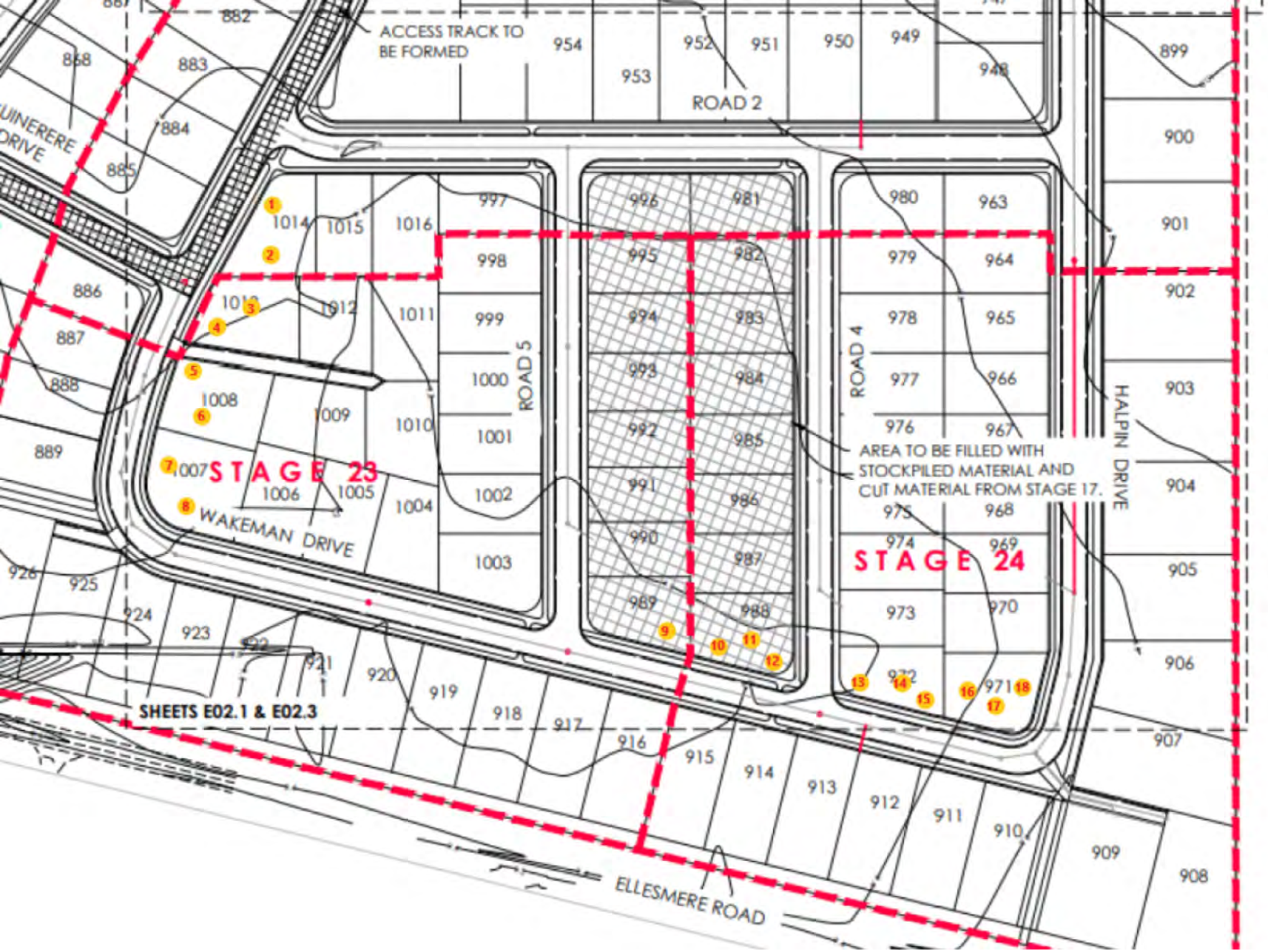
CAD FILE : J:\21373\Eng\Drawings\E21373_E02.0_R4.dwg

DRAWN : JS

DRAWING No : **E.21373**

SHEET No: **E02.1**

REVISION : **R4**


ACCESS TRACK TO BE FORMED
ROAD 2
ROAD 4
ROAD 5
HALPIN DRIVE
WAKEMAN DRIVE
ELLESMERE ROAD
STAGE 23
STAGE 24
AREA TO BE FILLED WITH STOCKPILED MATERIAL AND CUT MATERIAL FROM STAGE 17.
SHEETS E02.1 & E02.3

AMENDMENTS :		
AMENDMENT	DATE	DESCRIPTION
R12	02/03/2021	STAGES 15, 18, 19 & 20 BOUNDARIES UPDATED TO TSS
R13	21/04/2021	LOTS 788 & 7013 AMENDED
R14	1/06/2021	COMPLETED STAGES UPDATED
R15	1/07/2021	LOTS 819 - 821 & LOTS 617 - 620 AMENDED
R16	17/12/2021	LOTS 819 & 1028 AMENDED
R17	16/02/2020	LOTS 617-620 AMENDED, LOTS 7020 & 8000 ADDED
R18	13/06/2022	STAGES 23 & 24 ADDED
R19	28/07/2022	LOTS 1008 - 1013 AMENDED
R20	26/06/2023	COMPLETED STAGES UPDATED
R21	30/11/2023	STAGES 21 , 23 & 24 UPDATED
R22	29/07/2024	LOT 666 CHANGED TO 1017

NOTES :

1) Areas and dimensions are approximate only and are subject to final survey and deposit of plans.
2) Service easements to be created as required.
3) This plan has been prepared for information purposes only. No liability is accepted if the plan is used for any other purposes.

NORTH

Lot 1
D.P.83562
4.0021ha

HALPIN DRIVE
FLORENCE DRIVE
EBENEZER DRIVE
WAKEMAN DRIVE
SHAFER LANE
GUINEVERE DRIVE
ELLESMERE ROAD

STAGE 17
STAGE 15
STAGE 22
STAGE 21
STAGE 24B
STAGE 24A
STAGE 23B
STAGE 23A

1017 1165m²
897 1120m²
898 1120m²
899 1000m²
900 1000m²
901 1080m²
902 1080m²
903 1200m²
904 1120m²
905 1040m²
906 1047m²
907 1192m²
908 1419m² +row
909 1000m² +row
910 780m²
911 780m²
912 770m²
913 770m²
914 770m²
915 762m²
916 780m²
917 780m²
918 780m²
919 780m²
920 780m²
921 780m²
922 780m²
923 740m²
924 743m²
925 956m² +row
926 1040m² +row
927 694m²
928 750m²
929 724m²
930 600m²
931 600m²
932 600m²
933 600m²
934 600m²
935 600m²
936 592m²
937 680m²
938 661m²
939 700m²
940 700m²
941 661m²
942 789m²
943 770m²
944 724m²
945 750m²
946 1120m²
947 1120m²
948 750m²
949 789m²
950 770m²
951 661m²
952 700m²
953 700m²
954 700m²
955 700m²
956 700m²
957 700m²
958 700m²
959 700m²
960 661m²
961 770m²
962 789m²
963 559m²
964 567m²
965 567m²
966 567m²
967 567m²
968 567m²
969 567m²
970 567m²
971 641m²
972 539m²
973 527m²
974 527m²
975 558m²
976 558m²
977 558m²
978 558m²
979 558m²
980 550m²
981 565m²
982 542m²
983 558m²
984 558m²
985 558m²
986 558m²
987 558m²
988 681m²
989 807m²
990 511m²
991 511m²
992 527m²
993 527m²
994 558m²
995 542m²
996 565m²
997 550m²
998 558m²
999 558m²
1000 558m²
1001 558m²
1002 558m²
1003 656m²
1004 600m²
1005 600m²
1006 659m²
1007 802m²
1008 655m²
1009 653m² +row
1010 631m² +row
1011 614m² +row
1012 580m² +row
1013 659m² +row
1014 651m²
1015 527m²
1016 620m²
861 513m²
862 508m²
863 508m²
864 508m²
865 508m²
866 511m²
867 562m²
868 627m²
869 790m²
870 791m²
871 745m²
872 819m²
873 710m²
874 963m²
875 877m²
876 539m²
877 565m²
878 687m²
879 767m²
880 707m²
881 707m²
882 717m²
883 636m²
884 692m²
885 738m²
886 539m²
887 565m²
888 542m²
889 618m²
831 854m²
832 834m²
833 671m²
834 602m²
835 602m²
836 602m²
837 661m²
838 544m²
839 600m²
840 748m² +acc 51m² 799m²
841 750m²
842 721m²
843 639m²
844 626m²
845 623m²
846 653m²
847 655m²
848 664m²
849 664m²
850 658m²
851 621m²
852 610m²
853 610m²
854 655m²
855 633m²
856 574m²
857 581m²
858 567m²
859 609m²
860 653m²
7016 0.6507ha Road to Vest to SDC
7017 0.7087ha Road to Vest to SDC
7015 1.3171ha Road to Vest to SDC
7018 Road to Vest 3069m²
7022 Road to Vest 5316m²
7024 Road to Vest 3069m²
7021 Road to Vest 7m²
1035 2059m² Recreation Reserve to Vest
1036 Local Purpose (Drainage) Reserve to Vest 1077m²
1032 Local Purpose (Drainage) Reserve to Vest 538m²
1034 Local Purpose (Drainage) Reserve to Vest 240m²
1031 Local Purpose (Drainage) Reserve to Vest 286m²
1033 Local Purpose (Drainage) Reserve to Vest 129m²
1030 320m²
1028 Local Purpose (Drainage) Reserve to Vest
1029 1410m² Local Purpose (Drainage) Reserve to Vest
Kiosk
125m²
90m²
387m²

DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

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JOB TITLE: Rosemerryn

SHEET TITLE: Proposed Subdivision Stages 21-24

DRAWING STATUS: For Information Only

SCALE : 1:1000@A1 1:2000@A3 DATE : July 2024

CAD FILE : J:\19458\Subcon\19458_Stages 21-24_R15 & R22 COMPARISON.dwg REVISION : R22

DRAWING No : 19458 SHEET No: 1 OF 1

Canterbury Laboratory

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Facsimile: +64 3 349 9143
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Report No: MDD:CAN20S-07340
Issue No: 1

Maximum Dry Density Report

Client:
Maugers Contracting Ltd
PO Box 14174
Christchurch Airport

Christchurch 8544
NZ

Project: Maugers Contracting

IANZ ACCREDITED LABORATORY

The tests reported herein (unless otherwise indicated) have been performed in accordance with the laboratory's scope of accreditation. Samples are tested as received, in natural condition, unless stated otherwise in the comments. This report may only be reproduced in full.

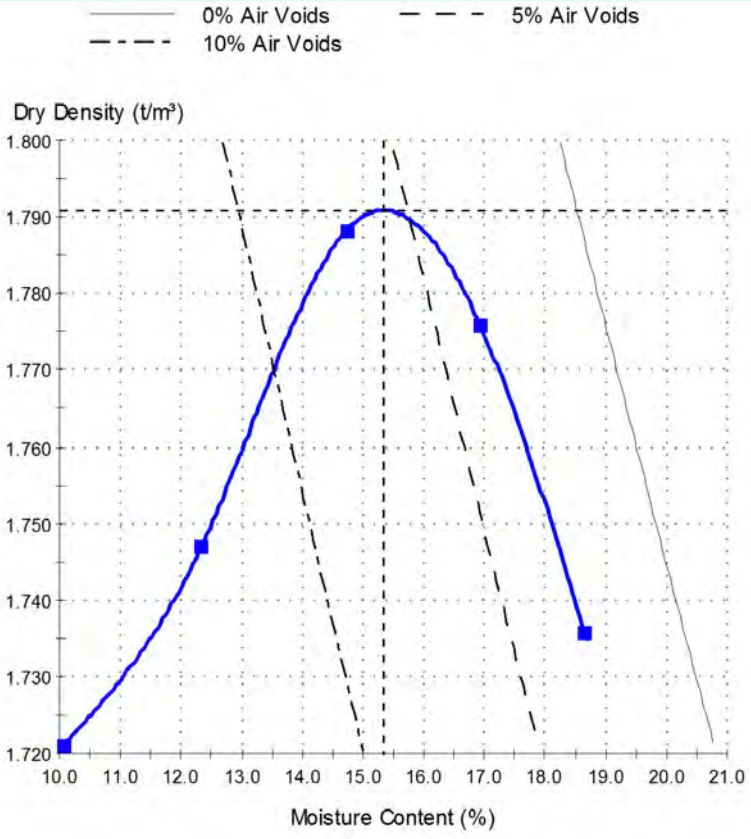
The results in this report relate only to the items / samples that were tested

Approved Signatory: Max Burford (Supervisor)
IANZ Accreditation No:200
Date of Issue: 15/05/2020

Sample Details

Sample ID:	CAN20S-07340	**Client Sample ID:**	QA Testing
Material:	SILT	**Sample Source:**	Miscellaneous Material Source
Site/Sampled From:	Site Rosemerryn	**Date Sampled:**	15/05/2020
Specification:	Standard Compaction Test	**Sampled By:**	Advised - See Comments
Sampling Method:	As Received - Not Accredited	**Date Tested:**	15/05/2020
Technician:	Max Burford	**Sampling Endorsed?:**	No

Dry Density - Moisture Relationship



Test Results

NZS 4402:1986 Test 4.1.1 - 1986

Maximum Dry Density (t/m³):	**1.79**
Optimum Moisture Content (%):	**15**
Solid Density (t/m³):	2.680 assumed
Oversize Sieve (mm):	19.0
Oversize Material (%):	0
Sample History:	Natural
Tested By:	Max Burford
Date Tested:	15/05/2020

Comments

Sampled by Hayden Greene

Canterbury Laboratory

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PO Box 16-064, Christchurch 8441
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Facsimile: +64 3 349 9143
www.fultonhogan.com
0800 LABORATORY

Maximum Dry Density Report

Report No: MDD:CAN17S-23169
Issue No: 1

Client:
Maugers Contracting Ltd
25 Tahuna Street
Wainoni

Christchurch 8061
NZ

Project: Maugers Contracting

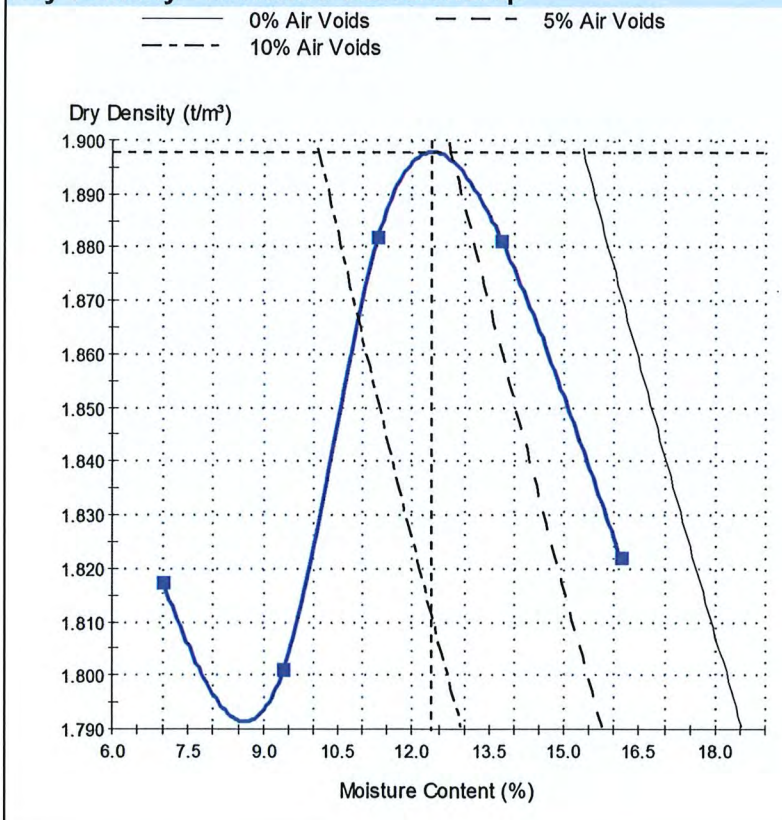
IANZ ACCREDITED LABORATORY

Approved Signatory: Max Burford (Supervisor)
IANZ Accreditation No:200
Date of Issue: 15/09/2017

Sample Details

Sample ID:	CAN17S-23169	**Client Sample ID:**	QA Testing
Material:	Sandy SILT	**Sample Source:**	Miscellaneous Material Source
Site/Sampled From:	Rosemerryn Stage 2 Lincoln	**Date Sampled:**	13/09/2017
Specification:	Standard Compaction Test	**Sampled By:**	Advised - See Comments
Sampling Method:	Not Advised - Not Accredited	**Date Tested:**	15/09/2017
Technician:	Alec Prattley	**Sampling Endorsed?:**	No

Dry Density - Moisture Relationship



Test Results

NZS 4402:1986 Test 4.1.1 - 1986

Maximum Dry Density (t/m³):	**1.90**
Optimum Moisture Content (%):	**12**
Solid Density (t/m³):	2.680 assumed
Oversize Sieve (mm):	19.0
Oversize Material (%):	0
Sample History:	Natural

Comments

Sampled by Kieran Stoop

DAVIE LOVELL-SMITH

DLS Job No.: 21373 Engineer: Davie Lovell-Smith
Checked By: MJWM
Type: Earthfill NDM Testing Council Rep: _____
Development: Rosemerryn - Stage 24
Contractor: Rooneys Earthmoving Ltd Contractors rep: _____
Lift Colour: Lift 1 | Lift 2 | Lift 3 | Lift 4 | Lift 5 (WC-2) < M < (WC+4)

Earthfill NDM Testing - Stage 24A & 24B Summary - Lot Order

Sort	Sort	Ref-erence	Stage #	Lot #	Old Lot #	Layer	Test #	Material	MDD	Water Content WC	Date of Test	NDM N	Moisture Content M	Compact-ion C	Compact-ion Pass/Fail	Report #	Report ID	Date of Check	DLS Checked By
				Lot					kg/m^3	%	d/m/yy	kg/m^3	%	%	C > 95	#	ID	d/m/yy	Initials
12		Stage 24 Analysis																	
212	215	Earthfill	24A	912		1	4	Fine Sandy SILT	1790	15.00	15/02/23	1763	17.4	98.5	Pass	18	018	9/06/2025	MJWM
213	216	Earthfill	24A	912		1	5	Fine Sandy SILT	1790	15.00	15/02/23	1744	16.8	97.4	Pass	18	018	9/06/2025	MJWM
214	217	Earthfill	24A	912		1	6	Fine Sandy SILT	1790	15.00	15/02/23	1784	16.9	99.7	Pass	18	018	9/06/2025	MJWM
220	223	Earthfill	24A	912		2	3	Fine Sandy SILT	1790	15.00	21/02/23	1765	14.3	98.6	Pass	19	019	9/06/2025	MJWM
221	224	Earthfill	24A	912		2	4	Fine Sandy SILT	1790	15.00	21/02/23	1789	10.7	99.9	Pass	19	019	9/06/2025	MJWM
226	229	Earthfill	24A	912		3	9	Fine Sandy SILT	1790	15.00	21/02/23	1789	9.5	99.9	Pass	19	019	9/06/2025	MJWM
344	110	Earthfill	24A	912		4	14	Site SILTS	1790	15.00	20/03/24	1810	16.8	101.1	Pass	47	047	15/01/26	JH
345	111	Earthfill	24A	912		4	15	Site SILTS	1790	15.00	20/03/24	1809	16.1	101.1	Pass	47	047	15/01/26	JH
348	114	Earthfill	24A	912		4	18	Site SILTS	1790	15.00	20/03/24	1767	16.7	98.7	Pass	47	047	15/01/26	JH
215	218	Earthfill	24A	913		1	7	Fine Sandy SILT	1790	15.00	15/02/23	1738	18.6	97.1	Pass	18	018	9/06/2025	MJWM
216	219	Earthfill	24A	913		1	8	Fine Sandy SILT	1790	15.00	15/02/23	1749	12.4	97.7	Pass	18	018	9/06/2025	MJWM
217	220	Earthfill	24A	913		1	9	Fine Sandy SILT	1790	15.00	15/02/23	1792	11.3	100.1	Pass	18	018	9/06/2025	MJWM
222	225	Earthfill	24A	913		2	5	Fine Sandy SILT	1790	15.00	21/02/23	1785	10.1	99.7	Pass	19	019	9/06/2025	MJWM
223	226	Earthfill	24A	913		2	6	Fine Sandy SILT	1790	15.00	21/02/23	1811	14.9	101.2	Pass	19	019	9/06/2025	MJWM
227	230	Earthfill	24A	913		3	10	Fine Sandy SILT	1790	15.00	21/02/23	1822	14.8	101.8	Pass	19	019	9/06/2025	MJWM
228	231	Earthfill	24A	913		3	11	Fine Sandy SILT	1790	15.00	21/02/23	1875	12.1	104.7	Pass	19	019	9/06/2025	MJWM
201	307	Earthfill	24A	914		1	15	Fine Sandy SILT	1790	15.00	2/02/23	1751	16.5	97.8	Pass	16	016	9/06/2025	MJWM
202	308	Earthfill	24A	914		1	16	Fine Sandy SILT	1790	15.00	2/02/23	1797	10.6	100.4	Pass	16	016	9/06/2025	MJWM
199	305	Earthfill	24A	915		1	13	Fine Sandy SILT	1790	15.00	2/02/23	1765	14.4	98.6	Pass	16	016	9/06/2025	MJWM
200	306	Earthfill	24A	915		1	14	Fine Sandy SILT	1790	15.00	2/02/23	1749	14.0	97.7	Pass	16	016	9/06/2025	MJWM
203	309	Earthfill	24A	915		2	1	Fine Sandy SILT	1790	15.00	8/02/23	1747	13.4	97.6	Pass	17	017	9/06/2025	MJWM
204	207	Earthfill	24A	915		2	2	Fine Sandy SILT	1790	15.00	8/02/23	1793	9.0	100.2	Pass	17	017	9/06/2025	MJWM
205	208	Earthfill	24A	915		2	3	Fine Sandy SILT	1790	15.00	8/02/23	1818	12.8	101.6	Pass	17	017	9/06/2025	MJWM
370	15	Earthfill	24A	972		1	4	Sandy SILT	1900	15.00	4/11/25	1941	11.7	102.2	Pass	61	061	4/12/25	MJWM
241	146	Earthfill	24A	972		1	13	Fine Sandy SILT	1790	15.00	30/05/24	1703	19.9	95.1	Pass	20	020	11/06/24	MJWM
361	153	Earthfill	24A	972		1	13	Sandy SILT	1790	15.00	30/05/24	1703	19.9	95.1	Pass	53	053	11/06/24	MJWM
242	144	Earthfill	24A	972		1	14	Fine Sandy SILT	1790	15.00	30/05/24	1812	16.3	101.2	Pass	20	020	11/06/24	MJWM

362	154	Earthfill	24A	972		1	14	Sandy SILT	1790	15.00	30/05/24	1812	16.3	101.2	Pass	53	053	11/06/24	MJWM
243	145	Earthfill	24A	972		1	15	Fine Sandy SILT	1790	15.00	30/05/24	1781	19.0	99.5	Pass	20	020	11/06/24	MJWM
363	155	Earthfill	24A	972		1	15	Sandy SILT	1790	15.00	30/05/24	1781	19.0	99.5	Pass	53	053	11/06/24	MJWM
375	20	Earthfill	24A	972.3		1	9	Sandy SILT	1900	15.00	4/11/25	1933	10.5	101.7	Pass	61	061	4/12/25	MJWM
376	21	Earthfill	24A	972.3		1	10	Sandy SILT	1900	15.00	4/11/25	1926	10.2	101.4	Pass	61	061	4/12/25	MJWM
371	16	Earthfill	24A	973		1	5	Sandy SILT	1900	15.00	4/11/25	1947	10.7	102.5	Pass	61	061	4/12/25	MJWM
374	19	Earthfill	24A	973		1	8	Sandy SILT	1900	15.00	4/11/25	1915	11.3	100.8	Pass	61	061	4/12/25	MJWM
377	22	Earthfill	24A	973		1	11	Sandy SILT	1900	15.00	4/11/25	1918	10.7	100.9	Pass	61	061	4/12/25	MJWM
372	17	Earthfill	24A	974		1	6	Sandy SILT	1900	15.00	4/11/25	1909	11.8	100.5	Pass	61	061	4/12/25	MJWM
373	18	Earthfill	24A	974		1	7	Sandy SILT	1900	15.00	4/11/25	1960	11.6	103.2	Pass	61	061	4/12/25	MJWM
369	14	Earthfill	24A	975		1	3	Sandy SILT	1900	15.00	4/11/25	1845	15.7	97.1	Pass	61	061	4/12/25	MJWM
406	51	Earthfill	24A	975.6		2	3	Sandy SILT	1900	15.00	20/11/25	1956	13.0	102.9	Pass	62	062	4/12/25	MJWM
180	284	Earthfill	24A	976	941F	-2	9	SILT	1790	15.00	10/03/24	1706	19.8	95.3	Pass	17a	210310	11/11/24	MJWM
182	286	Earthfill	24A	976	940E	-2	11	SILT	1790	15.00	10/03/24	1728	16.5	96.5	Pass	17a	210310	11/11/24	MJWM
183	287	Earthfill	24A	976	940F	-2	12	SILT	1790	15.00	10/03/24	1770	15.6	98.9	Pass	17a	210310	11/11/24	MJWM
168	272	Earthfill	24A	976	941C	0	9	SILT	1790	15.00	10/03/24	1870	12.4	104.5	Pass	16a	210309	11/11/24	MJWM
170	274	Earthfill	24A	976	940B	0	11	SILT	1790	15.00	10/03/24	1846	13.7	103.1	Pass	16a	210309	11/11/24	MJWM
171	275	Earthfill	24A	976	940C	0	12	SILT	1790	15.00	10/03/24	1821	15.0	101.7	Pass	16a	210309	11/11/24	MJWM
381	26	Earthfill	24A	976		1	15	Sandy SILT	1900	15.00	4/11/25	1940	13.5	102.1	Pass	61	061	4/12/25	MJWM
382	27	Earthfill	24A	976		1	16	Sandy SILT	1900	15.00	4/11/25	1830	14.1	96.3	Pass	61	061	4/12/25	MJWM
383	28	Earthfill	24A	976		1	17	Sandy SILT	1900	15.00	4/11/25	1993	10.6	104.9	Pass	61	061	4/12/25	MJWM
178	282	Earthfill	24A	977	941D	-2	7	SILT	1790	15.00	10/03/24	1742	17.9	97.3	Pass	17a	210310	11/11/24	MJWM
179	283	Earthfill	24A	977	941E	-2	8	SILT	1790	15.00	10/03/24	1793	16.9	100.2	Pass	17a	210310	11/11/24	MJWM
181	285	Earthfill	24A	977	940D	-2	10	SILT	1790	15.00	10/03/24	1771	17.0	98.9	Pass	17a	210310	11/11/24	MJWM
166	270	Earthfill	24A	977	941A	0	7	SILT	1790	15.00	10/03/24	1749	10.5	97.7	Pass	16a	210309	11/11/24	MJWM
167	271	Earthfill	24A	977	941B	0	8	SILT	1790	15.00	10/03/24	1863	12.6	104.1	Pass	16a	210309	11/11/24	MJWM
169	273	Earthfill	24A	977	940A	0	10	SILT	1790	15.00	10/03/24	1845	14.1	103.1	Pass	16a	210309	11/11/24	MJWM
399	44	Earthfill	24A	977		1	33	Sandy SILT	1900	15.00	4/11/25	1903	11.1	100.2	Pass	61	061	4/12/25	MJWM
400	45	Earthfill	24A	977		1	34	Sandy SILT	1900	15.00	4/11/25	1848	13.2	97.3	Pass	61	061	4/12/25	MJWM
148	252	Earthfill	24A	978	926E	-2	2	SILT	1790	15.00	9/03/21	1815	15.3	101.4	Pass	15	210309	11/11/24	MJWM
149	253	Earthfill	24A	978	926F	-2	3	SILT	1790	15.00	9/03/21	1784	15.0	99.7	Pass	15	210309	11/11/24	MJWM
137	241	Earthfill	24A	978	927F	-2	5	SILT	1790	15.00	8/03/21	1799	17.4	100.5	Pass	14	210308	11/11/24	MJWM
139	243	Earthfill	24A	978	926B	0	7	SILT	1790	15.00	8/03/21	1811	13.8	101.2	Pass	14	210308	11/11/24	MJWM
140	244	Earthfill	24A	978	926C	0	8	SILT	1790	15.00	8/03/21	1847	10.4	103.2	Pass	14	210308	11/11/24	MJWM
128	252	Earthfill	24A	978	927C	0	14	SILT	1790	15.00	3/03/21	1864	16.4	104.1	Pass	13	210303	11/11/24	MJWM
397	42	Earthfill	24A	978		1	31	Sandy SILT	1900	15.00	4/11/25	1876	11.8	98.7	Pass	61	061	4/12/25	MJWM
398	43	Earthfill	24A	978		1	32	Sandy SILT	1900	15.00	4/11/25	1891	14.3	99.5	Pass	61	061	4/12/25	MJWM
156	260	Earthfill	24A	979	926G	-4	10	SILT	1790	15.00	9/03/21	1841	13.9	102.8	Pass	15	210309	11/11/24	MJWM
147	251	Earthfill	24A	979	926D	-2	1	SILT	1790	15.00	9/03/21	1800	15.0	100.6	Pass	15	210309	11/11/24	MJWM
136	240	Earthfill	24A	979	927E	-2	4	SILT	1790	15.00	8/03/21	1849	14.9	103.3	Pass	14	210308	11/11/24	MJWM

138	242	Earthfill	24A	979	926A	0	6	SILT	1790	15.00	8/03/21	1823	15.7	101.8	Pass	14	210308	11/11/24	MJWM
127	251	Earthfill	24A	979	927B	0	13	SILT	1790	15.00	3/03/21	1866	11.1	104.2	Pass	13	210303	11/11/24	MJWM
395	40	Earthfill	24A	979		1	29	Sandy SILT	1900	15.00	4/11/25	1849	12.6	97.3	Pass	61	061	4/12/25	MJWM
396	41	Earthfill	24A	979		1	30	Sandy SILT	1900	15.00	4/11/25	1868	11.1	98.3	Pass	61	061	4/12/25	MJWM
135	239	Earthfill	24A	979.5	927D	-2	3	SILT	1790	15.00	8/03/21	1773	16.9	99.1	Pass	14	210308	11/11/24	MJWM
126	250	Earthfill	24A	979.5	927A	0	12	SILT	1790	15.00	3/03/21	1820	13.2	101.7	Pass	13	210303	11/11/24	MJWM
129	253	Earthfill	24A	982	929D	-2	15	SILT	1790	15.00	3/03/21	1874	15.4	104.7	Pass	13	210303	11/11/24	MJWM
130	254	Earthfill	24A	982	929E	-2	16	SILT	1790	15.00	3/03/21	1825	13.7	102.0	Pass	13	210303	11/11/24	MJWM
132	256	Earthfill	24A	982	928D	-2	18	SILT	1790	15.00	3/03/21	1799	17.5	100.5	Pass	13	210303	11/11/24	MJWM
120	244	Earthfill	24A	982	929A	0	6	SILT	1790	15.00	3/03/21	1851	14.3	103.4	Pass	13	210303	11/11/24	MJWM
121	245	Earthfill	24A	982	929B	0	7	SILT	1790	15.00	3/03/21	1783	14.4	99.6	Pass	13	210303	11/11/24	MJWM
123	247	Earthfill	24A	982	928A	0	9	SILT	1790	15.00	3/03/21	1741	15.6	97.3	Pass	13	210303	11/11/24	MJWM
88	87	Earthfill	24A	982		1	1	Fine Sandy SILT	1790	15.00	19/05/22	1813	16.5	101.3	Pass	5	005	9/06/2025	MJWM
89	88	Earthfill	24A	982		1	2	Fine Sandy SILT	1790	15.00	19/05/22	1821	15.4	101.7	Pass	5	005	9/06/2025	MJWM
90	89	Earthfill	24A	982		1	3	Fine Sandy SILT	1790	15.00	19/05/22	1793	16.2	100.2	Pass	5	005	9/06/2025	MJWM
100	99	Earthfill	24A	982		2	13	Fine Sandy SILT	1790	15.00	19/05/22	1733	19.1	96.8	Pass	5	005	9/06/2025	MJWM
101	100	Earthfill	24A	982		2	14	Fine Sandy SILT	1790	15.00	19/05/22	1784	17.7	99.7	Pass	5	005	9/06/2025	MJWM
102	101	Earthfill	24A	982		2	15	Fine Sandy SILT	1790	15.00	19/05/22	1852	16.1	103.5	Pass	5	005	9/06/2025	MJWM
112	111	Earthfill	24A	982		3	10	Fine Sandy SILT	1790	15.00	19/05/22	1759	17.8	98.3	Pass	6	006	9/06/2025	MJWM
113	112	Earthfill	24A	982		3	11	Fine Sandy SILT	1790	15.00	19/05/22	1700	19.3	94.97	Fail	6	006	9/06/2025	MJWM
114	113	Earthfill	24A	982		3	12	Fine Sandy SILT	1790	15.00	19/05/22	1730	16.7	96.6	Pass	6	006	9/06/2025	MJWM

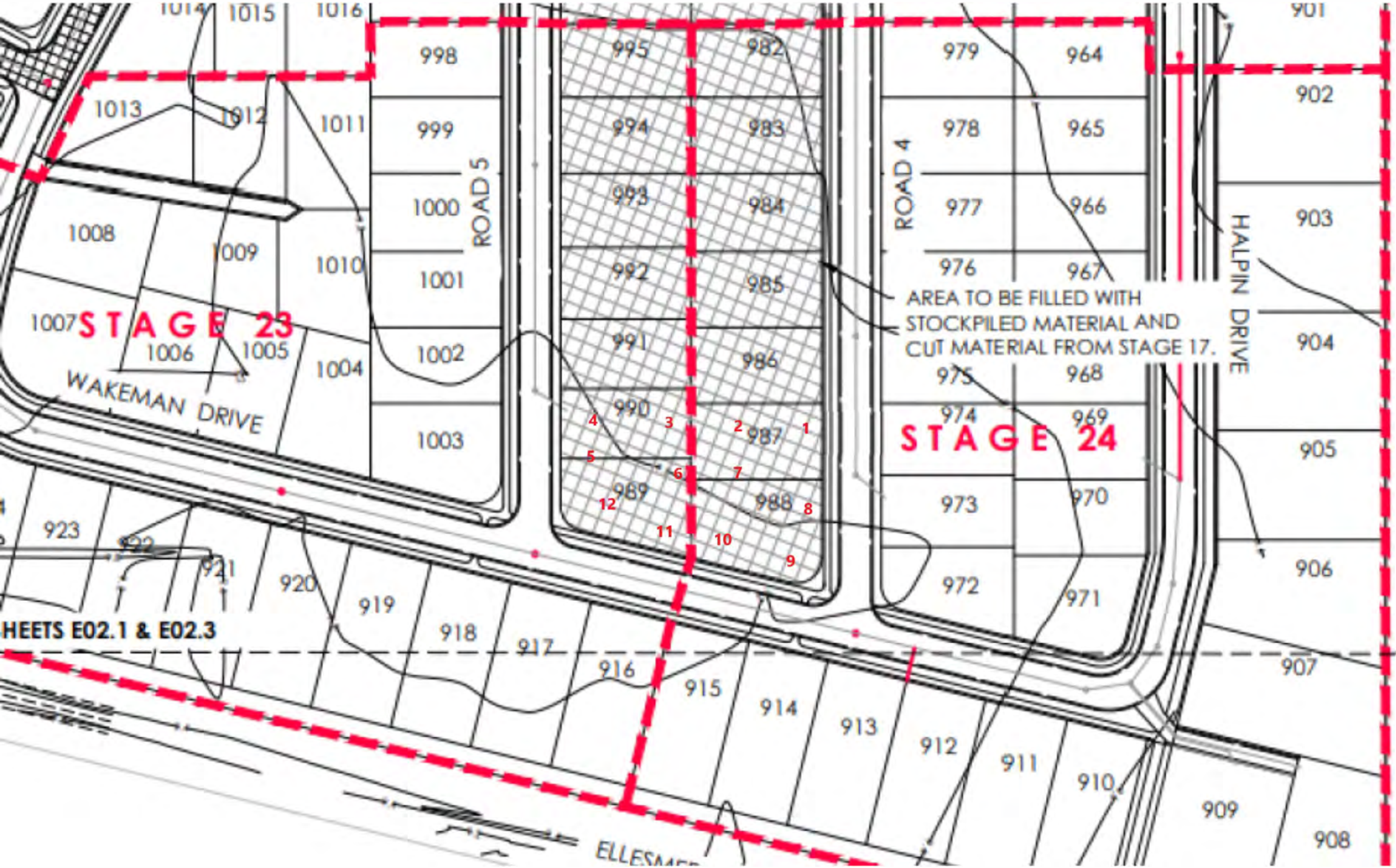
Nuclear Density Report

MAUGERS CONTRACTING

Site Tested	Rosemerryn Stage 23-24	Material Sample ID	CAN20S-07340
Tested By	Jason Daikee	MDD Method	Back Scatter
Date Tested	28-Apr-22	Max Dry Density	1790
Time Tested	1130	Min Dry Density (kg/m3)	
Material Tested	Silts	Solid Density Type	Assumed
Material Source	On Site		**Report 000**

Site No	Layer	Moisture (%)	Wet Density (kg/m3)	Dry Density (kg/m3)	Relative Compaction (%)
1	1	13.8	1947	1712	95.6
2		14.5	1998	1745	97.5
3		13.9	1949	1711	95.6
4		12.5	1958	1740	97.2
5		19.7	2105	1759	98.3
6		11.5	2026	1816	101.5
7		13.6	1993	1755	98
8		15	1995	1735	96.9
9		12.2	1956	1744	97.4
10		11.5	2014	1805	100.9
11		13	1937	1714	95.8
12		14	2056	1804	100.8

NB: Please attach a copy of the SITE PLAN indicating the site Nos location.


STAGE 23
STAGE 24
AREA TO BE FILLED WITH STOCKPILED MATERIAL AND CUT MATERIAL FROM STAGE 17.
WAKEMAN DRIVE
ROAD 5
ROAD 4
HALPIN DRIVE
SHEETS E02.1 & E02.3
1014
1015
1016
1013
1012
1011
1008
1009
1010
1007
1006
1005
1004
998
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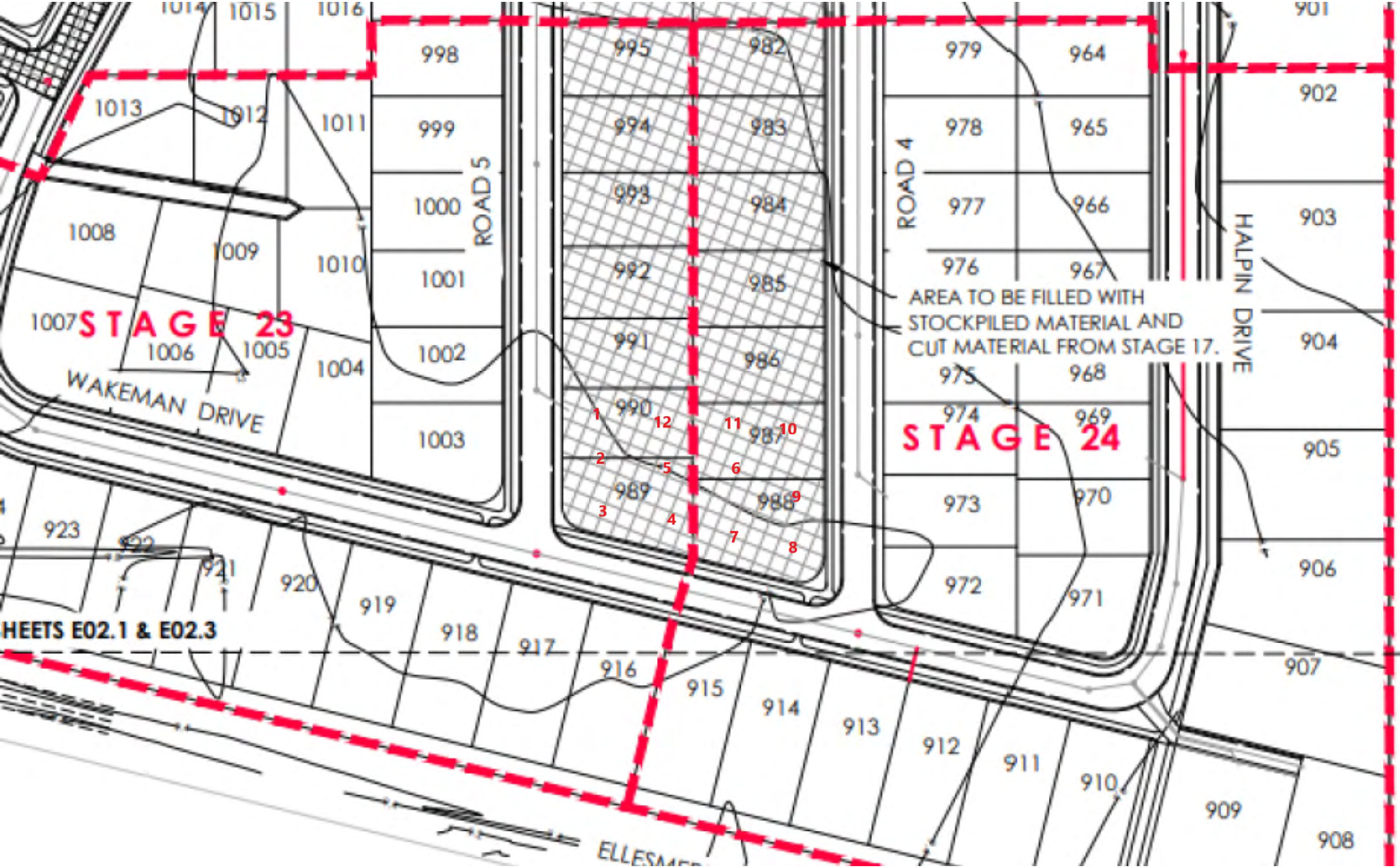
Nuclear Density Report

MAUGERS CONTRACTING

Site Tested	Rosemerryn Stage 23-24	Material Sample ID	CAN20S-07340
Tested By	Jason Daikee	MDD Method	Back Scatter
Date Tested	2-May-22	Max Dry Density	1790
Time Tested	745	Min Dry Density (kg/m3)	
Material Tested	Silts	Solid Density Type	Assumed
Material Source	On Site		**Report 001**

Site No	Layer	Moisture (%)	Wet Density (kg/m3)	Dry Density (kg/m3)	Relative Compaction (%)
1	2	10.8	1909	1722	96.2
2		14.4	2109	1844	103
3		15.7	2123	1835	102.5
4		13.8	2000	1758	98.2
5		12	1989	1777	99.3
6		11.9	2083	1861	104
7		11.3	1948	1750	97.8
8		13.8	1994	1752	97.9
9		13.2	2056	1816	101.5
10		8.2	1867	1727	96.5
11		10.5	1902	1722	96.2
12		13.2	1989	1757	98.1

NB: Please attach a copy of the SITE PLAN indicating the site Nos location.


STAGE 23
STAGE 24
AREA TO BE FILLED WITH STOCKPILED MATERIAL AND CUT MATERIAL FROM STAGE 17.
WAKEMAN DRIVE
ROAD 5
ROAD 4
HALPIN DRIVE
SHEETS E02.1 & E02.3
1014
1015
1016
1013
1012
1011
1008
1009
1010
1007
1006
1005
1004
998
999
1000
1001
1002
1003
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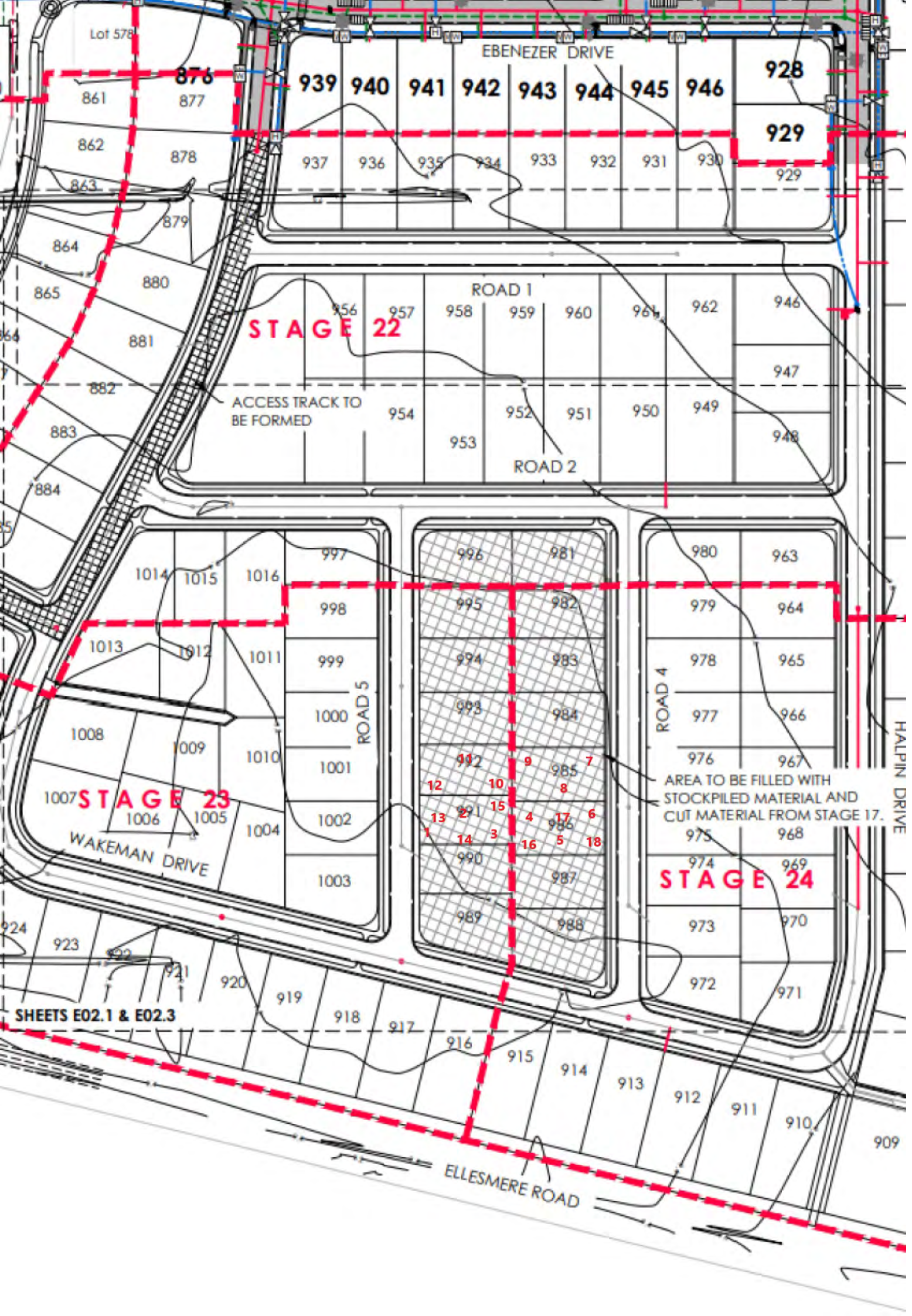
Nuclear Density Report

MAUGERS CONTRACTING

Site Tested	Rosemerryn Stage 23-24	Material Sample ID	CAN20S-07340
Tested By	Jason Daikee	MDD Method	Back Scatter
Date Tested	5-May-22	Max Dry Density	1790
Time Tested	1100	Min Dry Density (kg/m3)	
Material Tested	Silts	Solid Density Type	Assumed
Material Source	On Site		**Report 002**

Site No	Layer	Moisture (%)	Wet Density (kg/m3)	Dry Density (kg/m3)	Relative Compaction (%)
1	1	13.0	2014	1783	99.6
2		16.5	2003	1719	96
3		13.4	2032	1792	100.1
4		15.3	2034	1764	98.5
5		14.3	2011	1760	98.3
6		14.5	2070	1808	101
7		15.7	2001	1729	96.6
8		15.5	2067	1790	100
9		15	1973	1716	95.9
10		14.4	2118	1852	103.4
11		15	2022	1758	98.2
12		16	2071	1785	99.7
13	2	15.8	1994	1722	96.2
14		13.6	2065	1818	101.6
15		15.2	2018	1751	97.8
16		15	2040	1774	99.1
17		15.1	2027	1761	98.4
18		15	2113	1837	102.6

NB: Please attach a copy of the SITE PLAN indicating the site Nos location.


EBENEZER DRIVE
ROAD 1
ROAD 2
ROAD 4
ROAD 5
STAGE 22
STAGE 23
STAGE 24
ACCESS TRACK TO BE FORMED
AREA TO BE FILLED WITH STOCKPILED MATERIAL AND CUT MATERIAL FROM STAGE 17.
WAKEMAN DRIVE
HALPIN DRIVE
ELLESMERE ROAD
SHEETS E02.1 & E02.3
Lot 578

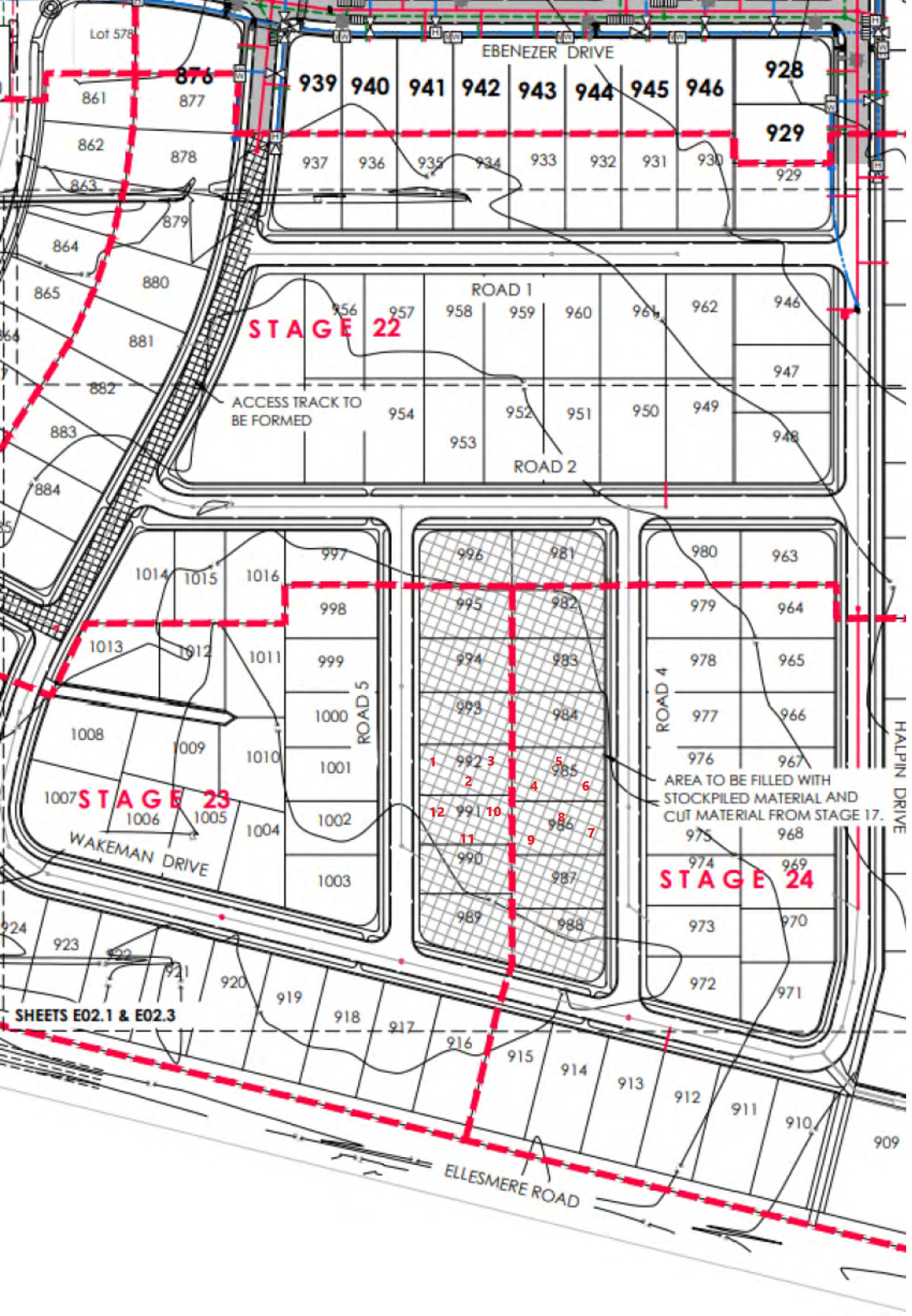
Nuclear Density Report

MAUGERS CONTRACTING

Site Tested	Rosemerryn Stage 23-24	Material Sample ID	CAN20S-07340
Tested By	Jason Daikee	MDD Method	Back Scatter
Date Tested	5-May-22	Max Dry Density	1790
Time Tested	1100	Min Dry Density (kg/m3)	
Material Tested	Silts	Solid Density Type	Assumed
Material Source	On Site		**Report 003**

Site No	Layer	Moisture (%)	Wet Density (kg/m3)	Dry Density (kg/m3)	Relative Compaction (%)
1	2	16.5	2013	1727	96.5
2		13.5	1972	1738	97.1
3		17.4	2060	1754	98
4		14.9	2139	1862	104
5		14.5	2078	1814	101.3
6		14.1	2017	1768	98.8
7	3	16.9	2034	1740	97.2
8		16.4	2015	1731	96.7
9		16.3	1996	1716	95.9
10		16.3	2129	1830	102.2
11		14.2	2049	1795	100.3
12		15.3	1972	1711	95.6

NB: Please attach a copy of the SITE PLAN indicating the site Nos location.


EBENEZER DRIVE
ROAD 1
ROAD 2
ROAD 4
ROAD 5
STAGE 22
STAGE 23
STAGE 24
ACCESS TRACK TO BE FORMED
AREA TO BE FILLED WITH STOCKPILED MATERIAL AND CUT MATERIAL FROM STAGE 17.
WAKEMAN DRIVE
HALPIN DRIVE
ELLESMERE ROAD
SHEETS E02.1 & E02.3
Lot 578

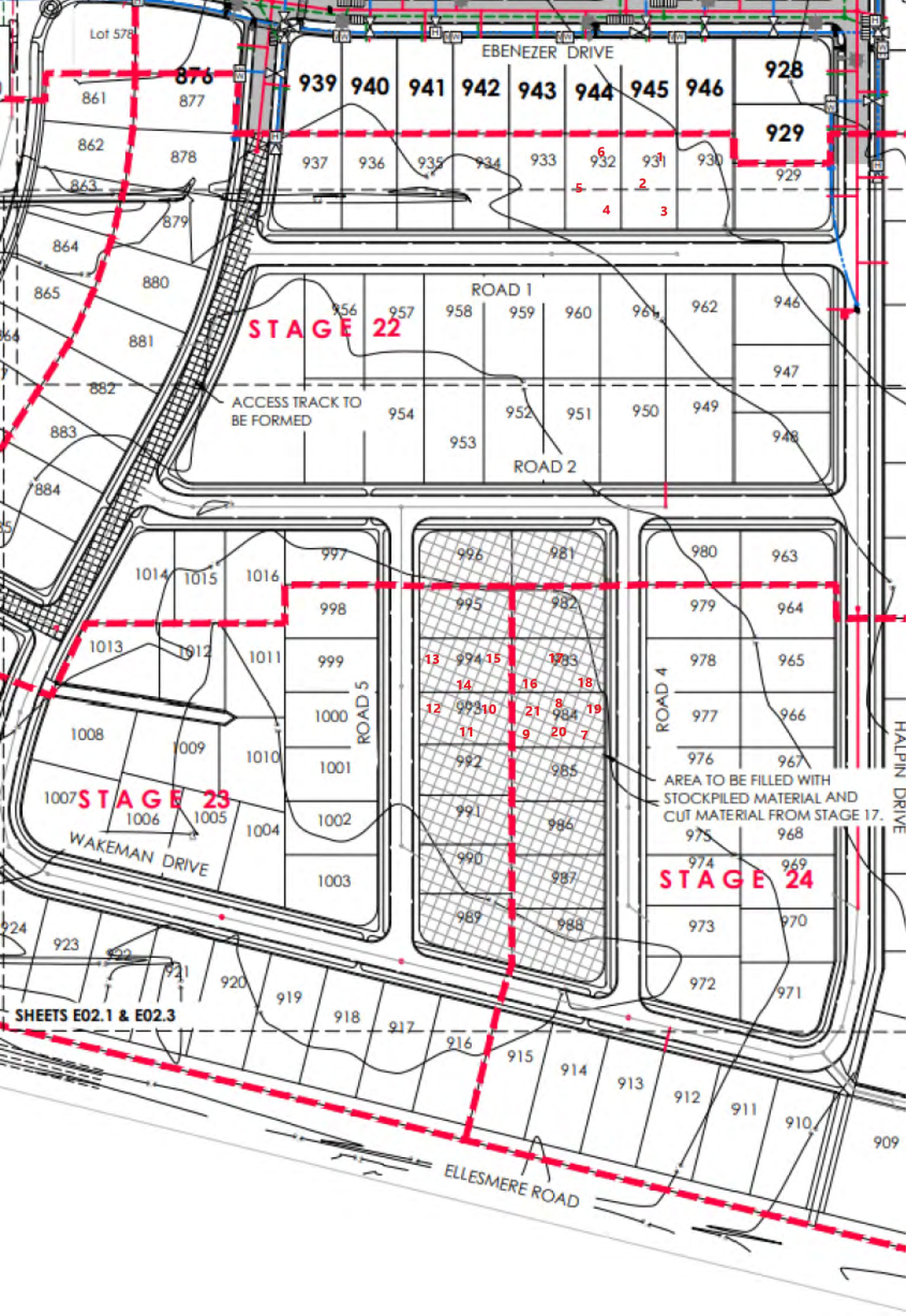
Nuclear Density Report

MAUGERS CONTRACTING

Site Tested	Rosemerryn	Material Sample ID	CAN20S-07340
Tested By	Jason Daikee	MDD Method	Back Scatter
Date Tested	5-May-22	Max Dry Density	1790
Time Tested	1100	Min Dry Density (kg/m3)	
Material Tested	Silts	Solid Density Type	Assumed
Material Source	On Site		**Report 004**

Site No	Layer	Moisture (%)	Wet Density (kg/m3)	Dry Density (kg/m3)	Relative Compaction (%)
931 -1	1	15.9	2018	1741	97.3
2		13.2	2079	1837	102.6
3		15.3	1982	1719	96
932 -4		14.3	2009	1757	98.2
5		15.8	2055	1775	99.2
6		13.7	2102	1849	103.3
7		15	2054	1786	99.8
8		14.8	2017	1757	98.2
9		18.2	2127	1800	100.6
10		19.1	2093	1758	98.2
11		14.6	1970	1718	96
12		16.3	2022	1738	97.1
13		15.8	2102	1815	101.4
14		17.2	2119	1808	101
15		16.3	2002	1722	96.2
16		15.6	2058	1781	99.5
17		16.8	2139	1832	102.4
18		17	2037	1741	97.3
19	2	20.1	2106	1753	97.8
20		14.5	1954	1707	95.3
21		18.4	2055	1735	96.9

NB: Please attach a copy of the SITE PLAN indicating the site Nos location.


EBENEZER DRIVE
ROAD 1
ROAD 2
ROAD 4
ROAD 5
STAGE 22
STAGE 23
STAGE 24
ACCESS TRACK TO BE FORMED
AREA TO BE FILLED WITH STOCKPILED MATERIAL AND CUT MATERIAL FROM STAGE 17.
WAKEMAN DRIVE
HALPIN DRIVE
ELLESMERE ROAD
SHEETS E02.1 & E02.3
Lot 578

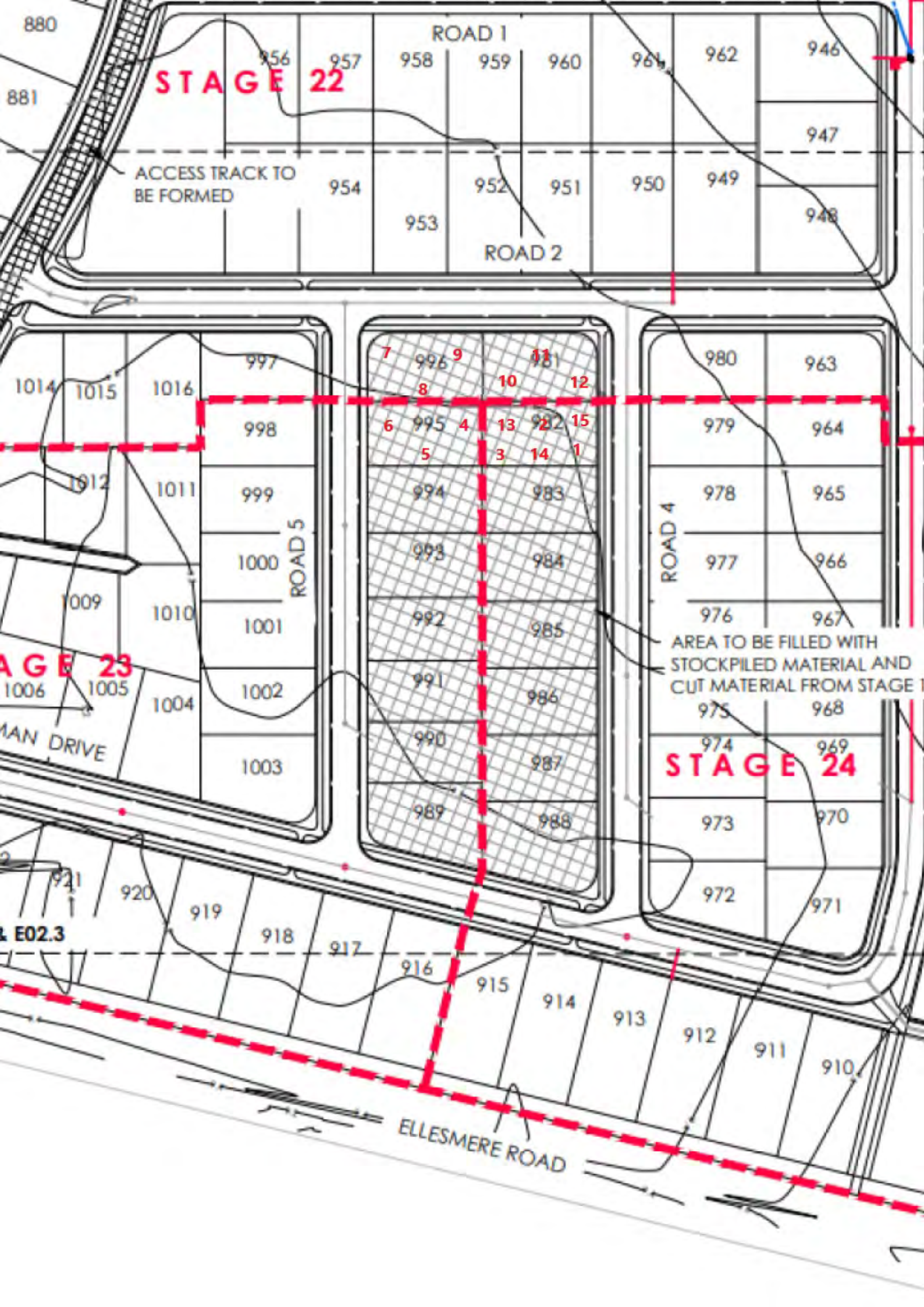
Nuclear Density Report

MAUGERS CONTRACTING

Site Tested	Rosemerryn	Material Sample ID	CAN20S-07340
Tested By	Jason Daikee	MDD Method	Back Scatter
Date Tested	19-May-22	Max Dry Density	1790
Time Tested	100	Min Dry Density (kg/m3)	
Material Tested	Silts	Solid Density Type	Assumed
Material Source	On Site		**Report 005**

Site No	Layer	Moisture (%)	Wet Density (kg/m3)	Dry Density (kg/m3)	Relative Compaction (%)
1	1	16.5	2112	1813	101.3
2	1	15.4	2101	1821	101.7
3	1	16.2	2084	1793	100.2
4	1	17.4	2002	1706	95.3
5	1	15.9	2054	1772	99
6	1	18.1	2099	1777	99.3
7	1	16.3	2144	1844	103
8	1	17.7	2048	1740	97.2
9	1	15.6	2010	1739	97.1
10	1	14.8	2062	1797	100.4
11	1	14.6	2033	1755	99.2
12	1	15.7	2038	1762	98.5
13	2	19.1	2064	1733	96.8
14	2	17.7	2099	1784	99.7
15	2	16.1	2149	1852	103.4

NB: Please attach a copy of the SITE PLAN indicating the site Nos location.


STAGE 22
ROAD 1
ROAD 2
ACCESS TRACK TO BE FORMED
ROAD 4
ROAD 5
AREA TO BE FILLED WITH STOCKPILED MATERIAL AND CUT MATERIAL FROM STAGE
STAGE 24
ELLESMERE ROAD
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E02.3

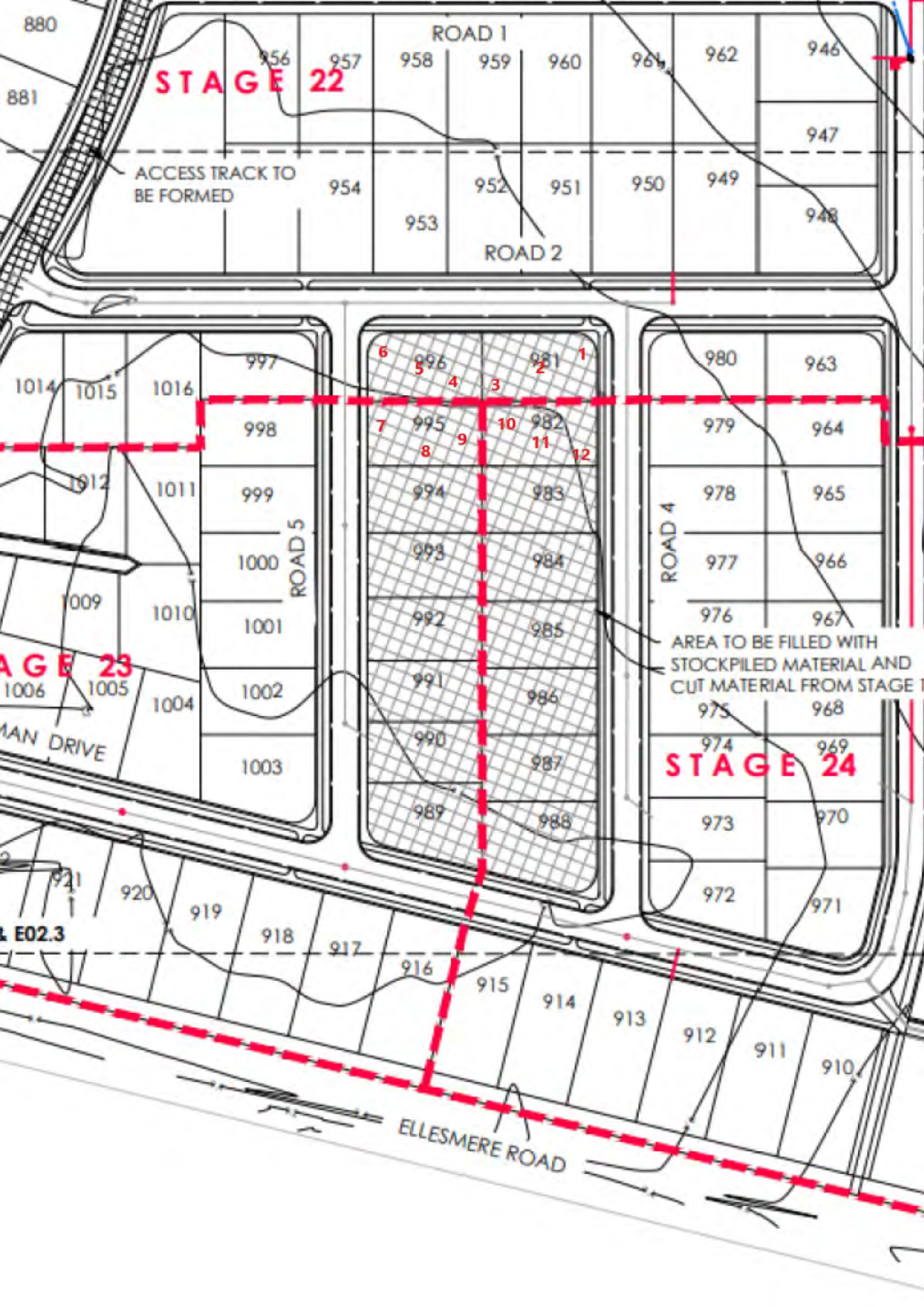
Nuclear Density Report

MAUGERS CONTRACTING

Site Tested	Rosemerryn	Material Sample ID	CAN20S-07340
Tested By	Jason Daikee	MDD Method	Back Scatter
Date Tested	19-May-22	Max Dry Density	1790
Time Tested	430	Min Dry Density (kg/m3)	
Material Tested	Silts	Solid Density Type	Assumed
Material Source	On Site		**Report 006**

Site No	Layer	Moisture (%)	Wet Density (kg/m3)	Dry Density (kg/m3)	Relative Compaction (%)
1	2	17.5	2040	1735	96.9
2	2	17.0	2016	1723	96.2
3	2	17.2	2140	1827	102.0
4	2	17.5	2073	1764	98.6
5	2	16.3	2147	1846	103.1
6	2	17.4	2031	1730	96.6
7	2	18.6	2073	1749	97.7
8	2	18.3	2060	1741	97.3
9	2	14.4	2146	1875	104.8
10	3	17.8	2072	1759	98.2
11	3	19.3	2028	1700	95.0
12	3	16.7	2019	1730	96.6

NB: Please attach a copy of the SITE PLAN indicating the site Nos location.


STAGE 22
ROAD 1
ROAD 2
ACCESS TRACK TO BE FORMED
ROAD 5
ROAD 4
AREA TO BE FILLED WITH STOCKPILED MATERIAL AND CUT MATERIAL FROM STAGE
STAGE 24
ELLESMERE ROAD
E02.3

Nuclear Density Report

MAUGERS CONTRACTING

Site Tested	Rosemergyn Stage 23	Material Sample ID:	Con20s-07340
Tested By	Kieran	MDD Method:	
Date Tested	3-3-21	Max. Dry Density:	1790
Time tested	9:00 am	Min Dry Density (t/m3):	
Material Tested	Clay	Solid Density Type:	
Material Source	Onsite		Report 13

	Site No	Layer	Moisture (%)	Wet Density (t/m3)	Dry Density (t/m3)	Relative Compaction (%)
1	931 E	2	16.3	2033	1747	97.6
2	931 F	2	15.0	2113	1838	102.7
3	930 D	2	15.4	2076	1798	100.5
4	930 E	2	14.8	2007	1749	97.7
5	930 F	2	15.4	1981	1717	95.9
6	929 A	1	14.3	2115	1851	103.4
7	929 B	1	14.4	2041	1783	99.6
8	929 C	1	14.0	2030	1781	99.5
9	928 A	1	15.6	2012	1741	97.3
10	928 B	1	14.4	2121	1854	103.6
11	928 C	1	11.7	2096	1876	104.8
12	927 A	1	13.2	2059	1820	101.6
13	927 B	1	11.1	2072	1866	104.2
14	927 C	1	16.4	2170	1864	104.2
15	929 D	2	15.4	2162	1874	104.7
16	929 E	2	13.7	2076	1825	102.0
17	929 F	2	17.1	2083	1778	99.4
18	928 D	2	17.5	2114	1799	100.5

entered 21/04 no plan.

NB: Please attach a copy of the SITE PLAN indicating the site Nos location.


Lot 1
D.P.83562
STAGE 23
STAGE 24
STAGE 22
RS 6016
(BM 73)
ELLESMERE ROAD
7014
1.3130ha
Road to Vest
to SDC
7015
508m²
Road to Vest
to SDC
7016
7438m²
Road to Vest
to SDC
7017
6382m²
Road to Vest
to SDC
7018
3m²
Link Strip
1031
Local Purpose
(Drainage) Reserve
to Vest
183m²

ensity Report

MAUGERS CONTRACTING

	Stg 23	Material Sample ID:	CAN20S-07340
Tested By		MDD Method:	
Date Tested	8-3-21	Max. Dry Density:	1790
Time tested	4:00	Min Dry Density (t/m3):	
Material Tested	Clay	Solid Density Type:	Report 14
Material Source	onsite		14

	Site No	Layer	Moisture (%)	Wet Density (t/m3)	Dry Density (t/m3)	Relative Compaction (%)
1	926 E	2	14.5	2083	1819	101.6
2	928 F	2	15.9	2107	1817	101.5
3	927 D	2	16.9	2072	1773	99.0
4	927 E	2	14.9	2125	1849	103.3
5	927 F	2	17.4	2113	1799	100.5
6	926 A	1	15.7	2110	1823	101.8
7	926 B	1	13.8	2062	1811	101.2
8	926 C	1	10.4	2039	1847	103.2
9	925 A	1	11.4	2075	1863	104.1
10	925 B	1	11.1	2085	1876	104.8
11	925 C	1	14.2	2104	1842	102.9
12	924 A	1	12.8	2064	1829	102.2
13	924 B	1	13.9	2064	1812	101.3
14	924 C	1	15.3	2087	1809	101.1

entered 21/8/21 no plan.

NB: Please attach a copy of the SITE PLAN indicating the site Nos location.


Lot 1
D.P.83562
STAGE 17
STAGE 23
STAGE 24
STAGE 22
STAGE 21
7020
1.2394ha
Road to Vest
to SDC
7016
7458m²
Road to Vest
to SDC
7018
3m²
Link Strip
7015
5061m²
Road to Vest
to SDC
7017
6382m²
Road to Vest
to SDC
7014
1.3130ha
Road to Vest
to SDC
1023
4567m²
Recreation
Reserve to Vest
1031
Local Purpose
(Drainage) Reserve
to Vest
183m²
RS 6016
(BM 73)
ELLESMERE ROAD
(18.0)
(16.0)
(14.0)
(15.0)
(21.5)

Nuclear Density Report

MAUGERS CONTRACTING

Site Tested	Rosemeryn Stg 23	Material Sample ID:	Can20s-07340
Tested By	Kieran	MDD Method:	
Date Tested	9[illegible]-3-21	Max. Dry Density:	1790
Time tested	4.00	Min Dry Density (t/m3):	
Material Tested	clay	Solid Density Type:	Report 15
Material Source	onsite		15

	Site No	Layer	Moisture (%)	Wet Density (t/m3)	Dry Density (t/m3)	Relative Compaction (%)
1	926 D	2	15.0	2070	1800	100.5
2	926 E	2	15.3	2093	1815	101.4
3	926 F	2	15.0	2051	1784	99.7
4	925 D	2	14.1	2036	1784	99.6
5	925 E	2	16.0	2084	1797	100.4
6	925 F	2	16.0	2172	1872	104.6
7	924 D	2	15.1	1970	1711	95.6
8	924 E	2	13.0	2068	1831	102.3
9	924 F	2	15.5	2051	1776	99.2
10	926 G	3	13.9	2094	1841	102.8
11	925 G	3	13.9	2067	1815	101.4
12	924 G	3	15.4	2020	1751	97.8
13	924 H	3	16.2	2059	1772	99.0

DEEP SWALE

entered 21/04 no plan

NB: Please attach a copy of the SITE PLAN indicating the site Nos location.


Lot 1
D.P.83562
STAGE 17
STAGE 23
STAGE 24
STAGE 22
STAGE 21
7020
1.2394ha
Road to Vest
to SDC
7016
7438m²
Road to Vest
to SDC
7018
3m²
Link Strip
7017
6382m²
Road to Vest
to SDC
7015
5061m²
Road to Vest
to SDC
7014
1.3830ha
Road to Vest
to SDC
1023
4847m²
Recreation
Reserve to Vest
1031
Local Purpose
(Drainage) Reserve
to Vest
183m²
RS 6016
(BM 73)
ELLESMERE ROAD
(18.0)
(16.0)
(15.0)
(14.0)
(21.5)

Nuclear Density Report

MAUGERS CONTRACTING

Site Tested	Rosemeryn Stg 24	Material Sample ID:	Can20s-07340
Tested By	Kieran	MDD Method:	
Date Tested	10-3-21	Max. Dry Density:	1790.
Time tested	10.00	Min Dry Density (t/m3):	
Material Tested	clay	Solid Density Type:	Report 16a
Material Source	onsite		16

	Site No	Layer	Moisture (%)	Wet Density (t/m3)	Dry Density (t/m3)	Relative Compaction (%)
1	943 A	1	15.1	2018	1754	98.0
2	943 B	1	15.5	2054	1777	99.3
3	943 C	1	13.9	2137	1876	104.8
4	942 A	1	13.6	2058	1811	101.2
5	942 B	1	15.2	2068	1798	100.2
6	942 C	1	16.1	~~2078~~ 2079	1791	100.1
7	941 A	1	10.5	1933	1749	97.7
8	941 B	1	12.6	2098	1863	104.1
9	941 C	1	12.4	2102	1870	104.5
10	940 A	1	~~12.3~~ 14.1	2105	1845	103.1
11	940 B	1	13.7	2100	1846	103.1
12	940 C	1	15.0	2094	1821	101.7

entered as plan 21/04

NB: Please attach a copy of the SITE PLAN indicating the site Nos location.


Lot 1
D.P.83562
STAGE 17
STAGE 23
STAGE 24
STAGE 22
STAGE 21
7020
1.2394ha
Road to Vest
to SDC
7016
7458m²
Road to Vest
to SDC
7018
3m²
Link Strip
7017
6382m²
Road to Vest
to SDC
7015
5061m²
Road to Vest
to SDC
7014
1.3130ha
Road to Vest
to SDC
1023
4547m²
Recreation
Reserve to Vest
1031
Local Purpose
(Drainage) Reserve
to Vest
183m²
RS 6016
(BM 73)
ELLESMERE ROAD

Nuclear Density Report

MAUGERS CONTRACTING

Site Tested	Rosemeryn Stg 24	Material Sample ID:	Can20s-07340
Tested By	Kieran	MDD Method:	
Date Tested	10-3-21	Max. Dry Density:	1790
Time tested	4:30	Min Dry Density (t/m3):	
Material Tested	clay	Solid Density Type:	Report 17a
Material Source	onsite		17

	Site No	Layer	Moisture (%)	Wet Density (t/m3)	Dry Density (t/m3)	Relative Compaction (%)
1	943 D	2	16.7	2135	1829	102.2
2	943 E	2	15.1	2063	1793	100.1
3	943 F	2	16.2	2096	1804	100.8
4	942 D	2	14.7	2047	1785	99.7
5	942 E	2	15.2	2050	1779	99.4
6	942 F	2	16.3	2111	1814	101.4
7	941 D	2	17.9	2053	1742	97.3
8	941 E	2	16.9	2096	1793	100.2
9	941 F	2	19.8	2044	1706	95.3
10	940 D	2	17.0	2073	1771	99.0
11	940 E	2	16.5	2014	1728	96.6
12	940 F	2	15.6	2047	1770	98.9
13	939 A	1	16.1	2048	1763	98.5
14	939 B	1	13.5	2074	1828	102.1
15	939 C	1	13.4	1974	1741	97.2

entered no plan 21/04

NB: Please attach a copy of the SITE PLAN indicating the site Nos location.


Lot 1
D.P.83562
STAGE 17
STAGE 23
STAGE 24
STAGE 22
STAGE 21
7020
1.2394ha
Road to Vest
to SDC
7016
7438m²
Road to Vest
to SDC
7018
9m²
Link Strip
RS 6016
(BM 73)
1023
4547m²
Recreation
Reserve to Vest
7015
5061m²
Road to Vest
to SDC
7017
6382m²
Road to Vest
to SDC
7014
1.3130ha
Road to Vest
to SDC
1031
Local Purpose
(Drainage) Reserve
to Vest
183m²
ELLESMERE ROAD
(18.0)
(16.0)
(15.0)
(14.0)
(21.5)

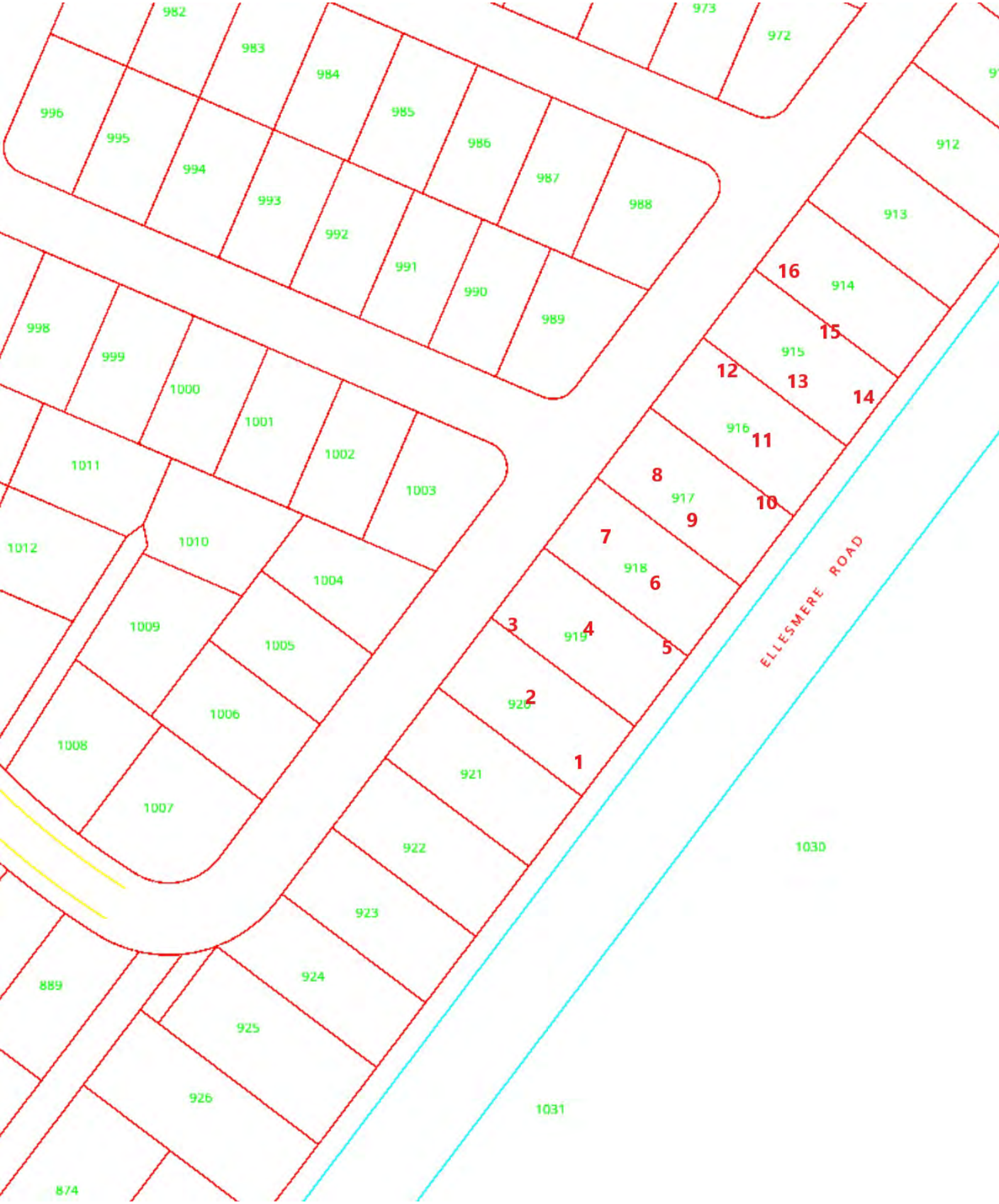
Nuclear Density Report

MAUGERS CONTRACTING

Site Tested	Rosemerryn	Material Sample ID	CAN20S_07340
Tested By	Jason Daikee	MDD Method	Back Scatter
Date Tested	2-Feb-23	Max Dry Density	1790
Time Tested	415	Min Dry Density (kg/m3)	
Material Tested	clay silts	Solid Density Type	Assumed
Material Source	on site		**Report 016**

Site No	Layer	Moisture (%)	Wet Density (kg/m3)	Dry Density (kg/m3)	Relative Compaction (%)
1	2	17.6	2053	1746	97.5
2		15.0	2068	1798	100.5
3		15.7	2167	1872	104.6
4		13.8	2070	1819	101.6
5		12.7	1922	1705	95.3
6		17.4	2032	1730	96.7
7		17.0	2028	1753	96.8
8		15.2	1962	1703	95.1
9		14.3	2074	1814	101.3
10	1	15.5	2063	1785	99.7
11		12.3	1960	1745	97.5
12		13.4	2065	1820	101.7
13		14.4	2019	1765	98.6
14		14.0	1993	1749	97.7
15		16.5	2041	1751	97.8
16		10.6	1988	1797	100.4

NB: Please attach a copy of the SITE PLAN indicating the site Nos location.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ELLESMERE ROAD
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16

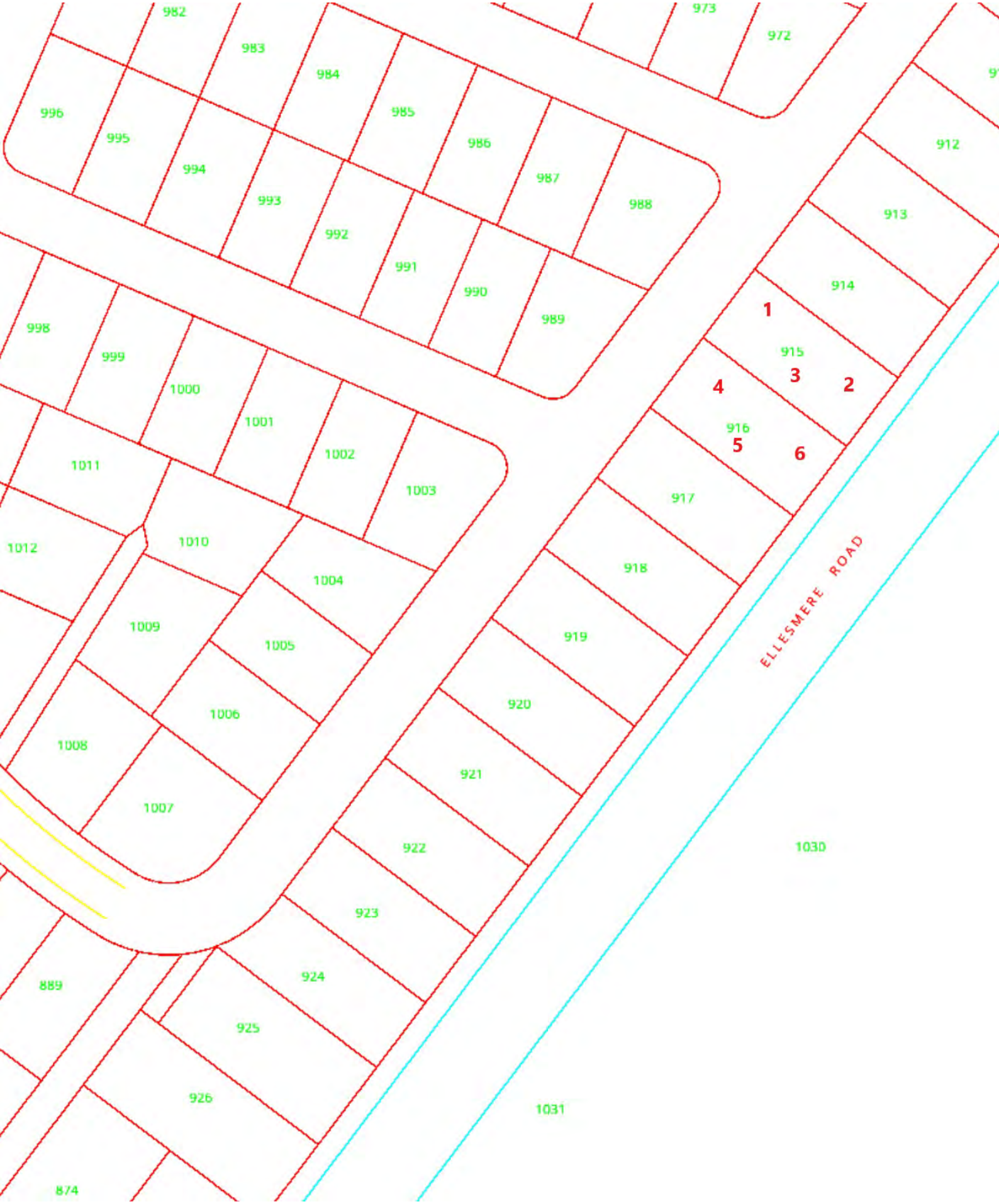
Nuclear Density Report

MAUGERS CONTRACTING

Site Tested	Rosemerryn	Material Sample ID	CAN20S-07340
Tested By	Jason Daikee	MDD Method	Back Scatter
Date Tested	8-Feb-23	Max Dry Density	1790
Time Tested	1145	Min Dry Density (kg/m3)	
Material Tested	clay silts	Solid Density Type	Assumed
Material Source	on site		**Report 017**

Site No	Layer	Moisture (%)	Wet Density (kg/m3)	Dry Density (kg/m3)	Relative Compaction (%)
1	2	13.4	1980	1747	97.6
2		9.0	1954	1793	100.2
3		12.8	2052	1818	101.6
4		10.7	1965	1776	99.2
5		12.1	1937	1729	96.6
6		14.3	1957	1712	95.6

NB: Please attach a copy of the SITE PLAN indicating the site Nos location.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1012
889
874
1030
1031
ELLESMERE ROAD

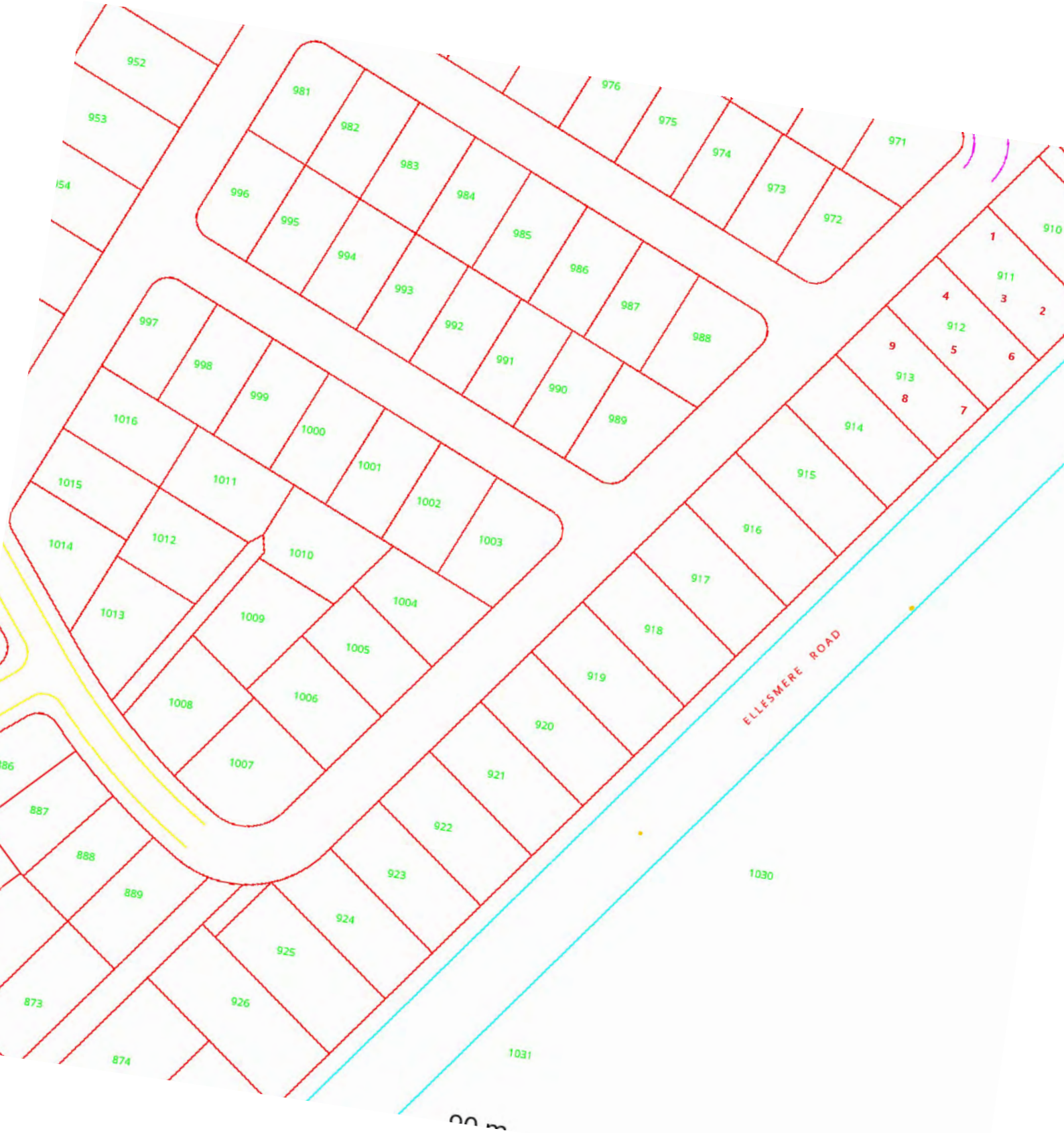
Nuclear Density Report

MAUGERS CONTRACTING

Site Tested	rosemerryn	Material Sample ID	CAN20S_07340
Tested By	Jason Daikee	MDD Method	backscatter
Date Tested	15-Feb-23	Max Dry Density (kg/m³)	1790
Time Tested	800	Min Dry Density	95%
Material Tested	clay silts	Solid Density Type	Assumed
Material Source	on site		**Report 018**

Site No	Layer	Moisture (%)	Wet Density (kg/m3)	Dry Density (kg/m3)	Relative Compaction (%)
1	1	11.8	1970	1761	98.4
2	1	14.6	2024	1767	98.7
3	1	14.7	2123	1851	103.4
4	1	17.4	2070	1763	98.5
5	1	16.8	2038	1744	97.4
6	1	16.9	2085	1784	99.6
7	1	18.6	2061	1738	97.1
8	1	12.4	1967	1749	97.7
9	1	11.3	1995	1792	100.1

NB: Please attach a copy of the SITE PLAN indicating the site Nos location.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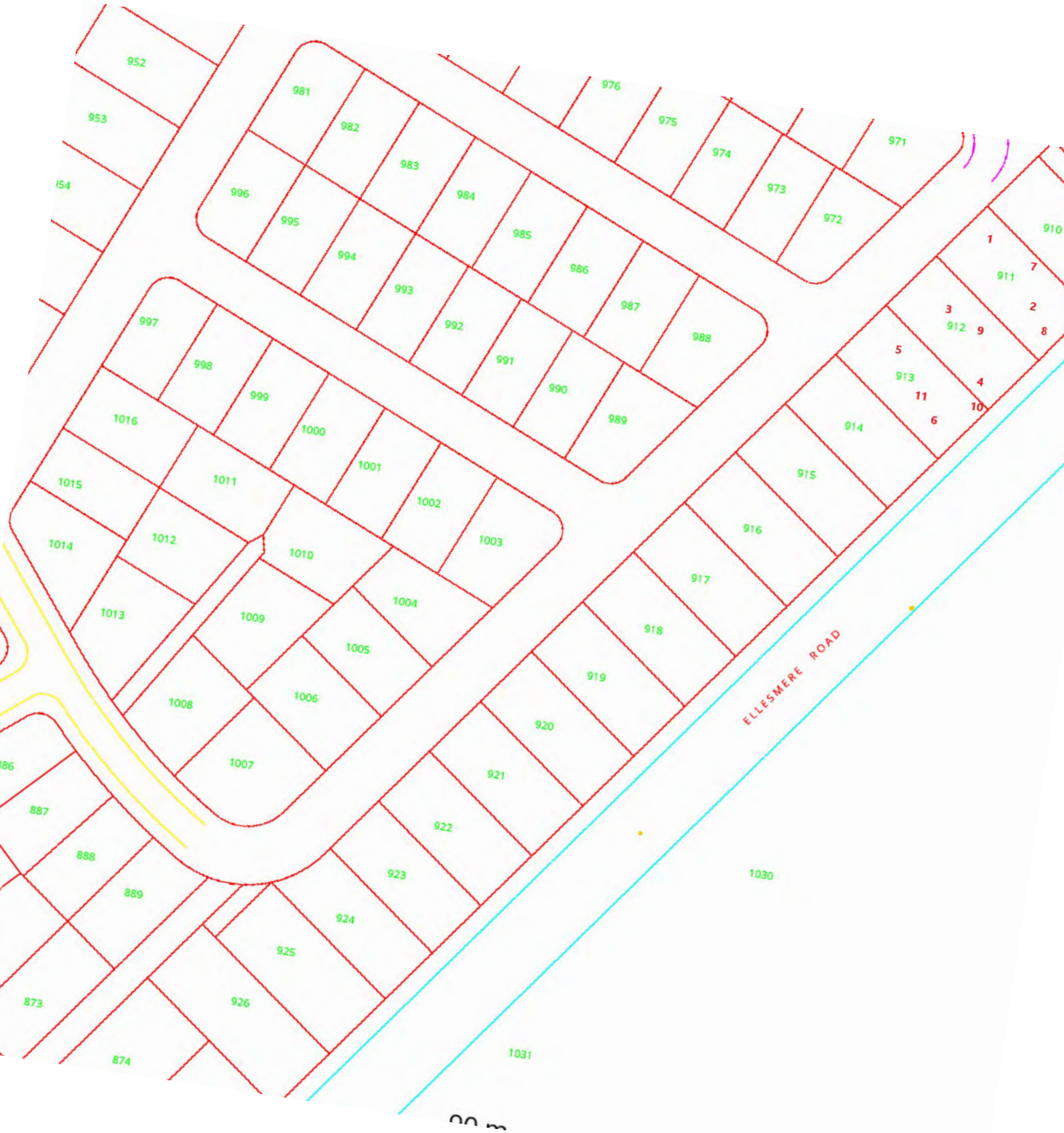
Nuclear Density Report

MAUGERS CONTRACTING

Site Tested	Rosemerryn	Material Sample ID	CAN20S_07340
Tested By	Jason Daikee	MDD Method	back scatter
Date Tested	21-Feb-23	Max Dry Density	1790
Time Tested	1100	Min Dry Density (kg/m3)	50%
Material Tested	Silt	Solid Density Type	Assumed
Material Source	on site		**Report 019**

Site No	Layer	Moisture (%)	Wet Density (kg/m3)	Dry Density (kg/m3)	Relative Compaction (%)
1	2	10.8	2024	1827	102.0
2		8.8	1946	1788	99.9
3		14.3	2017	1765	98.6
4		10.7	1980	1789	99.9
5		10.1	1966	1785	99.7
6		14.9	2081	1811	101.2
7	3	12.9	2058	1823	101.8
8		11.1	1924	1732	96.7
9		9.5	1959	1789	99.9
10		14.8	2091	1822	101.8
11		12.1	2102	1875	104.8

NB: Please attach a copy of the SITE PLAN indicating the site Nos location.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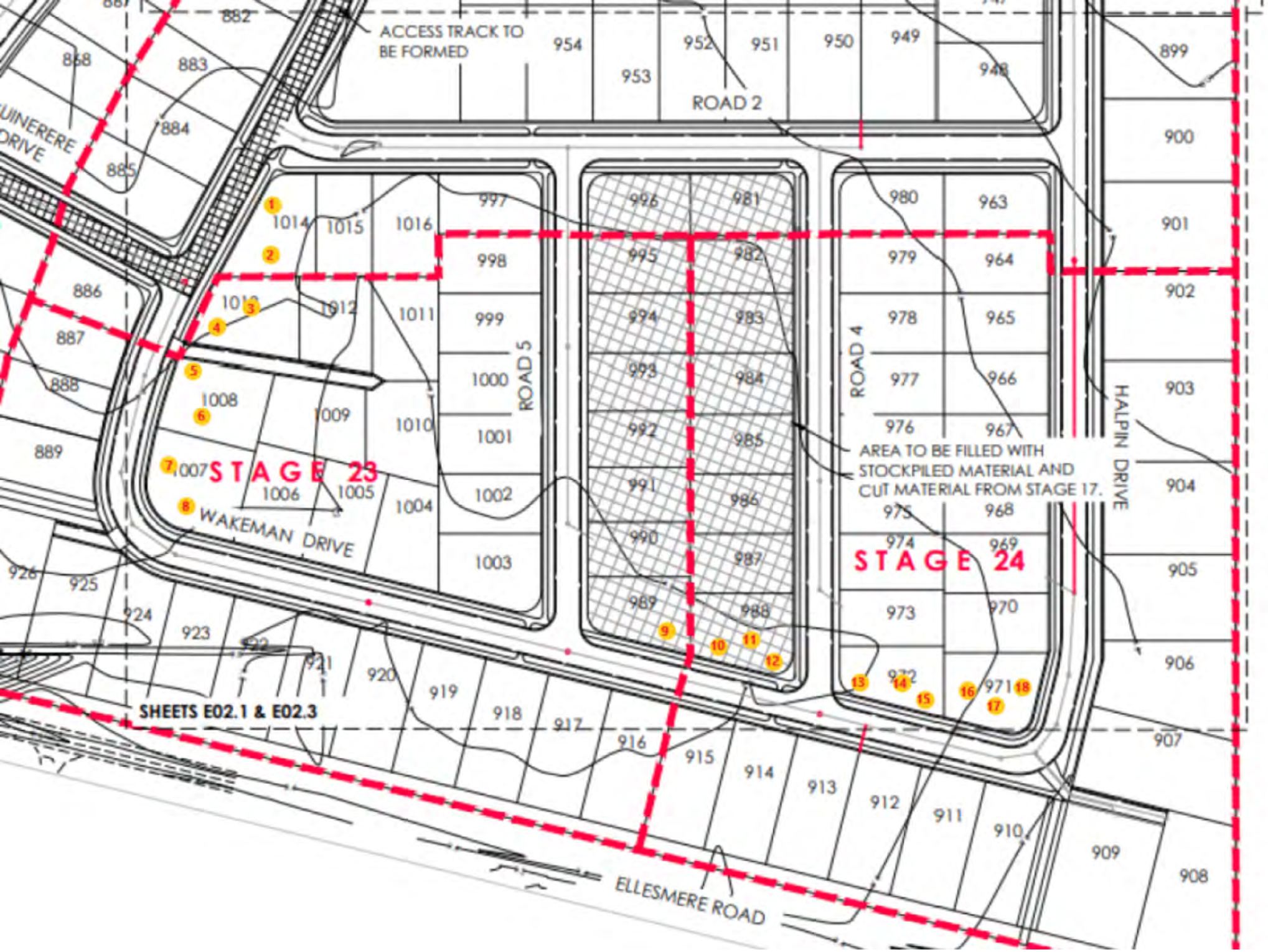
ELLESMERE ROAD

Nuclear Density Report

Site Tested	Rosemerryn	Material Sample ID	
Tested By	Jason Daikee	MDD Method	Back Scatter
Date Tested	30-May-24	Max Dry Density (kg/m3)	1790
Time Tested	815	Min Dry Density	95%
Material Tested	sandy silts	Solid Density Type	Assumed
Material Source	on site		**Report 020**

Site No	Layer	Moisture (%)	Wet Density (kg/m3)	Dry Density (kg/m3)	Relative Compaction (%)
1		12.4	2104	1871	104.5
2		13.3	2084	1840	102.8
3		12.6	2057	1827	102.1
4		13.1	2064	1825	102.0
5		17.4	2109	1796	100.3
6		12.8	2137	1894	105.8
7		13.3	1998	1764	98.6
8		13.9	1981	1739	97.1
9		17.0	2086	1783	99.6
10		18.9	2114	1779	99.4
11		18.6	2096	1767	98.7
12		17.2	2111	1800	100.6
13		19.9	2043	1703	95.2
14		16.3	2107	1812	101.2
15		19.0	2119	1781	99.5
16		17.5	2123	1808	101.0
17		16.9	2105	1801	100.6
18		16.9	2089	1787	99.8

NB: Please attach a copy of the SITE PLAN indicating the site Nos location.


ACCESS TRACK TO BE FORMED
ROAD 2
ROAD 4
ROAD 5
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WAKEMAN DRIVE
ELLESMERE ROAD
STAGE 23
STAGE 24
AREA TO BE FILLED WITH STOCKPILED MATERIAL AND CUT MATERIAL FROM STAGE 17.
SHEETS E02.1 & E02.3

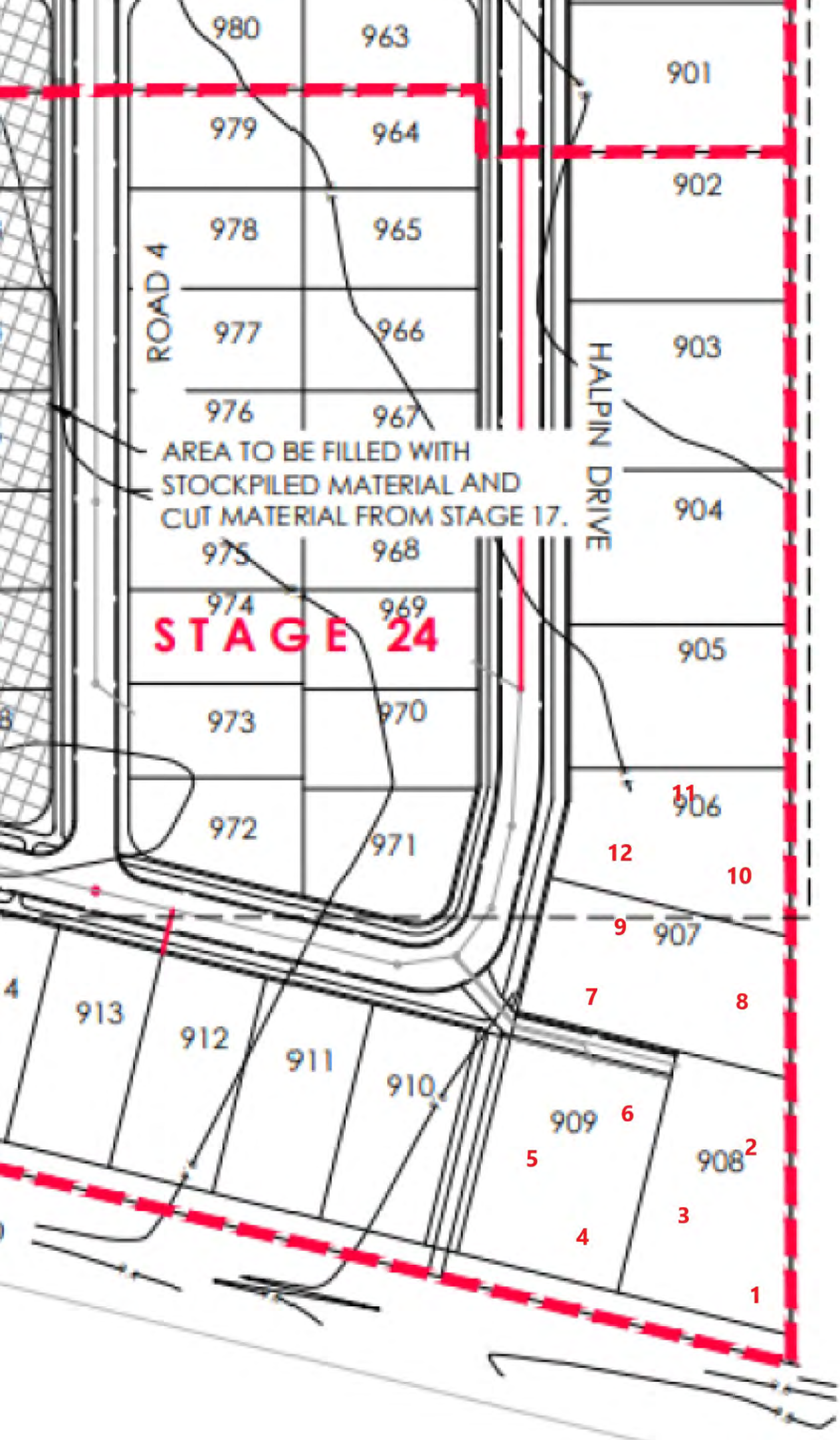
Nuclear Density Report

MAUGERS CONTRACTING

Site Tested	Rosemerryn	Material Sample ID	MDD_CAN20S_07340
Tested By	Jason Daikee	MDD Method	Back Scatter
Date Tested	20-Feb-24	Max Dry Density (kg/m3)	1790
Time Tested	10am	Min Dry Density	95%
Material Tested	silts	Solid Density Type	Assumed
Material Source	on site		040

Site No	Layer	Moisture (%)	Wet Density (kg/m3)	Dry Density (kg/m3)	Relative Compaction (%)
1	1	9.4	2011	1838	102.7
2	1	10.0	1992	1811	101.2
3	1	7.4	2010	1871	104.5
4	1	9.8	1904	1735	96.9
5	1	5.9	1815	1714	95.7
6	1	6.6	1914	1795	100.3
7	1	9.2	2021	1851	103.4
8	1	9.2	2075	1901	106.2
9	1	8.3	1843	1703	95.1
10	1	9.3	2136	1954	109.2
11	1	11.8	1938	1734	96.9
12	1	8.3	1952	1802	100.7

NB: Please attach a copy of the SITE PLAN indicating the site Nos location.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AREA TO BE FILLED WITH
STOCKPILED MATERIAL AND
CUT MATERIAL FROM STAGE 17.
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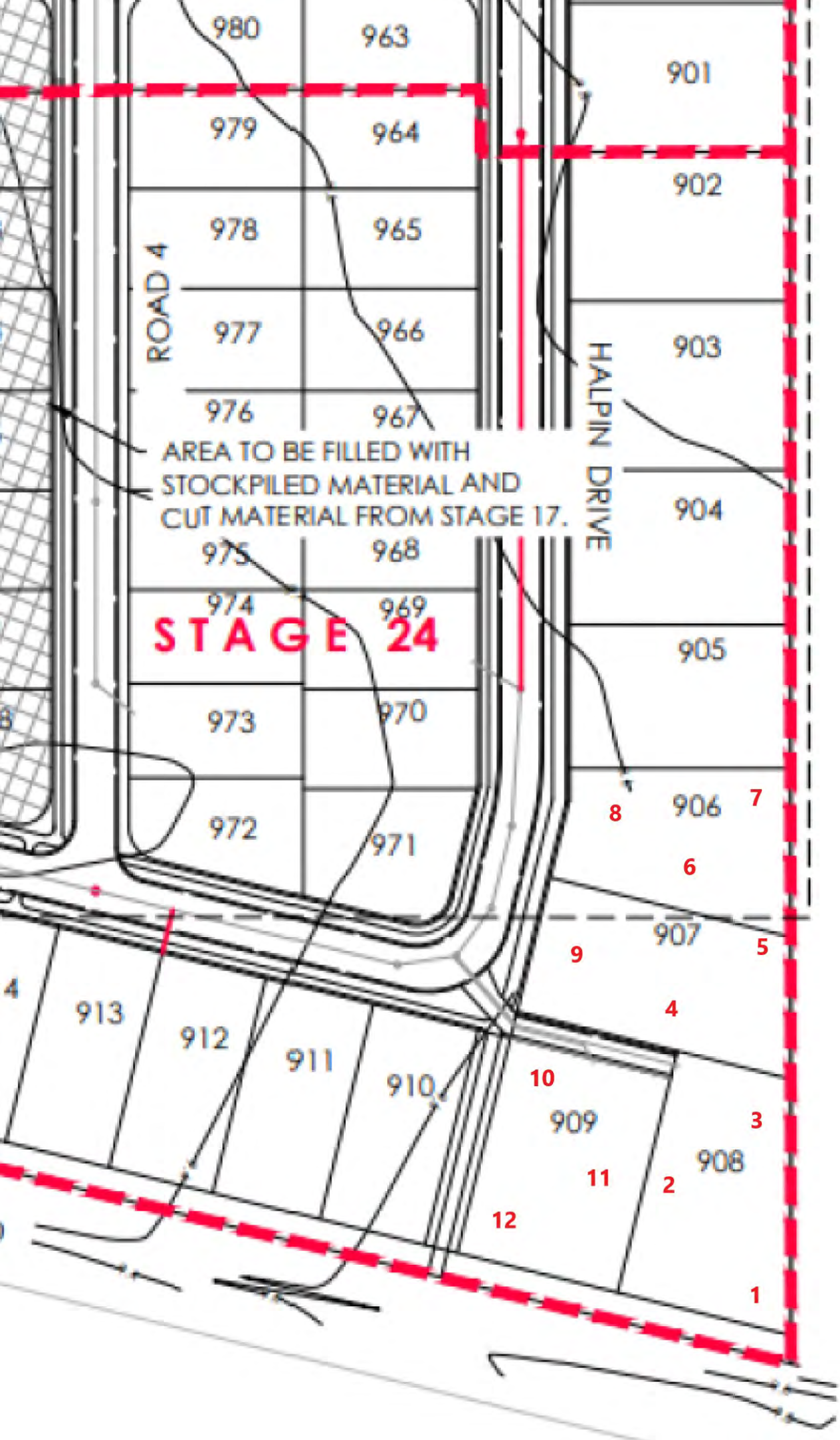
Nuclear Density Report

MAUGERS CONTRACTING

Site Tested	Rosemerryn	Material Sample ID	MDD_CAN20S_07340
Tested By	Jason Daikee	MDD Method	Back Scatter
Date Tested	22-Feb-24	Max Dry Density (kg/m3)	1790
Time Tested	1230	Min Dry Density	95%
Material Tested	silts	Solid Density Type	Assumed
Material Source	on site		041

Site No	Layer	Moisture (%)	Wet Density (kg/m3)	Dry Density (kg/m3)	Relative Compaction (%)
1	2	9.9	2064	1878	104.9
2	2	12.5	1948	1731	96.7
3	2	8.5	1983	1827	102.1
4	2	7.9	1936	1794	100.2
5	2	11.3	2010	1813	101.3
6	2	9.3	2064	1888	105.5
7	2	9.3	2019	1847	103.2
8	2	9.8	1947	1773	99.1
9	2	9.5	2049	1872	104.6
10	2	10.8	1890	1705	95.3
11	2	11.3	1928	1732	96.8
12	2	9.4	1887	1725	96.4

NB: Please attach a copy of the SITE PLAN indicating the site Nos location.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AREA TO BE FILLED WITH
STOCKPILED MATERIAL AND
CUT MATERIAL FROM STAGE 17.
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Nuclear Density Report

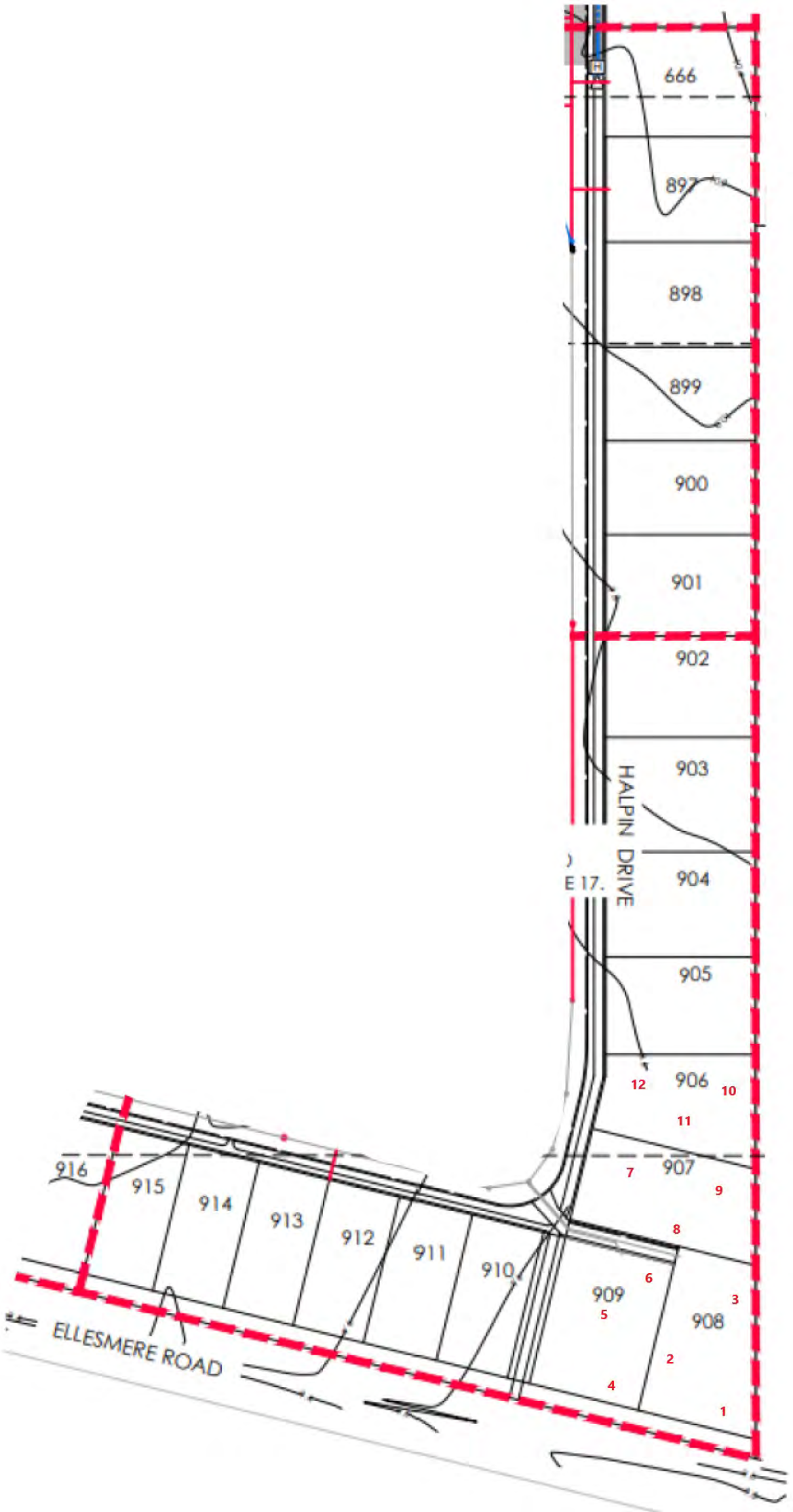
MAUGERS CONTRACTING

Site Tested	Rosemerryn	Material Sample ID	MDD_CAN20S_07340
Tested By	Jason Daikee	MDD Method	Back Scatter
Date Tested	27-Feb-24	Max Dry Density (kg/m3)	1790
Time Tested	130	Min Dry Density	95%
Material Tested	fine silts	Solid Density Type	Assumed
Material Source	on site		**042**

Site No	Layer	Moisture (%)	Wet Density (kg/m3)	Dry Density (kg/m3)	Relative Compaction (%)
1	3	14.1	2004	1757	98.1
2	3	12.8	2124	1833	105.2
3	3	14.3	1976	1729	96.6
4	3	14.7	2097	1828	102.1
5	3	13.3	2050	1809	101.1
6	3	13.0	2004	1774	99.1
7	3	12.7	2120	1881	105.1
8	3	10.2	1926	1748	97.7
9	3	9.6	2025	1847	103.2
10	3	11.0	1925	1734	96.9
11	3	12.9	2010	1779	99.4
12	3	12.5	2067	1837	102.6

NB: Please attach a copy of the SITE PLAN indicating the site Nos location.

Site No	Layer	Moisture (%)	Wet Density (kg/m3)	Dry Density (kg/m3)	Relative Compaction (%)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Nuclear Density Report

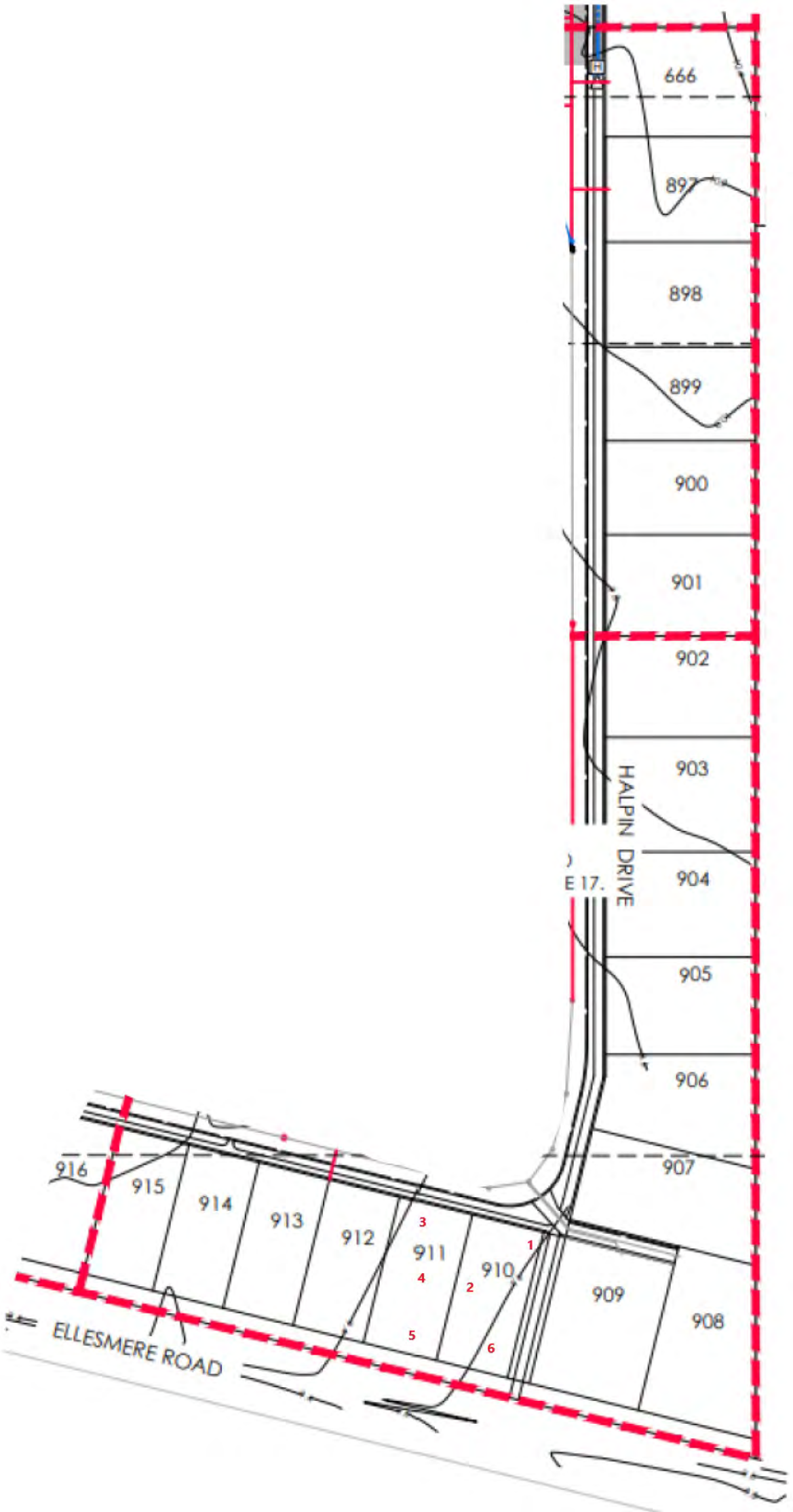
MAUGERS CONTRACTING

Site Tested	Rosemerryn	Material Sample ID	MDD_CAN20S_07340
Tested By	Jason Daikee	MDD Method	Back Scatter
Date Tested	28-Feb-24	Max Dry Density (kg/m3)	1790
Time Tested	1230	Min Dry Density	95%
Material Tested	fine silts	Solid Density Type	Assumed
Material Source	on site		**043**

Site No	Layer	Moisture (%)	Wet Density (kg/m3)	Dry Density (kg/m3)	Relative Compaction (%)
1	1	16.4	2011	1729	96.6
2	1	13.2	2164	1911	106.8
3	1	13.2	2027	1790	100.0
4	1	14.4	2029	1773	99.0
5	1	11.0	1997	1799	100.5
6	1	13.4	2071	1826	102.0

NB: Please attach a copy of the SITE PLAN indicating the site Nos location.

Site No	Layer	Moisture (%)	Wet Density (kg/m3)	Dry Density (kg/m3)	Relative Compaction (%)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Nuclear Density Report

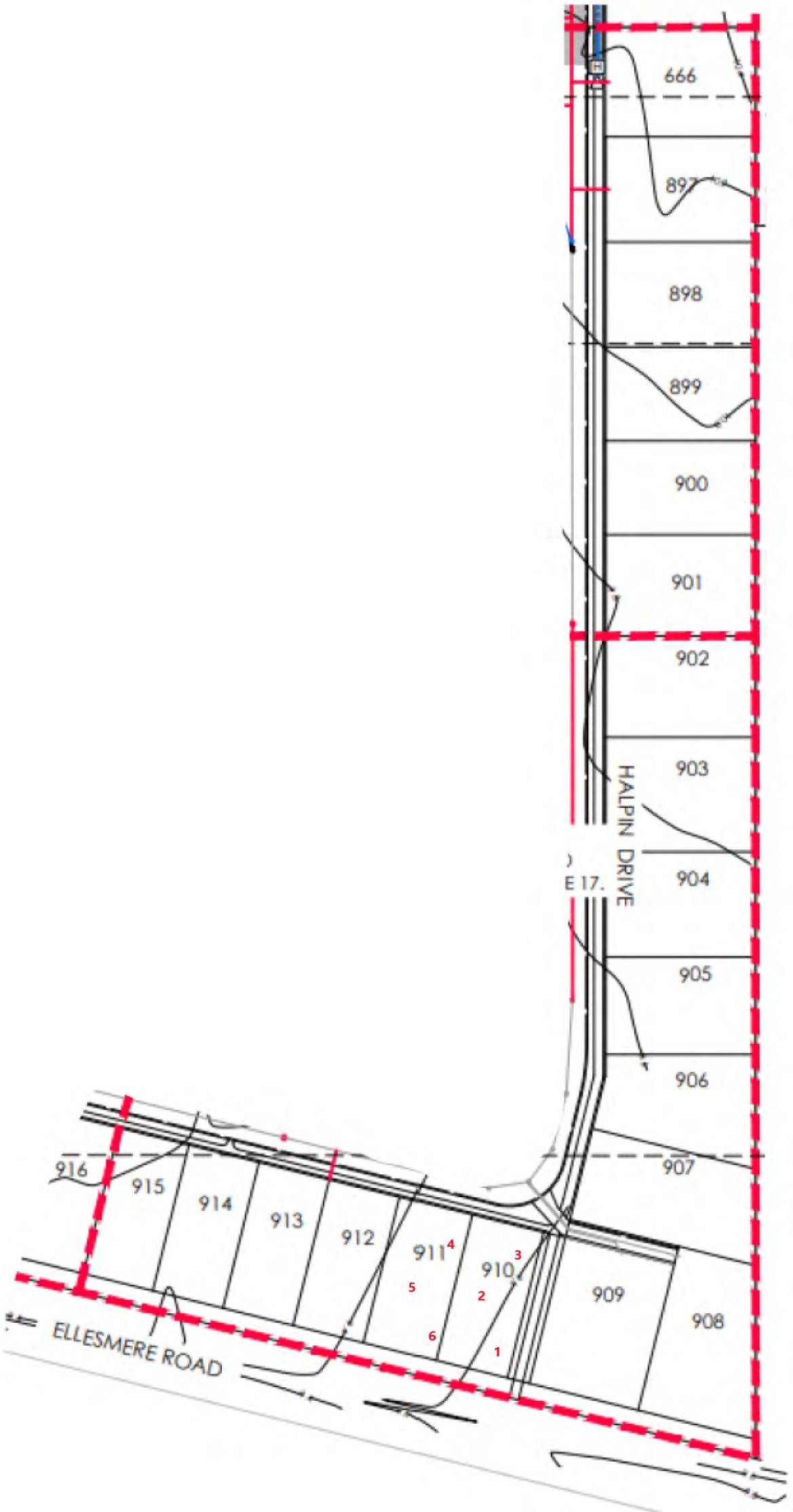
MAUGERS CONTRACTING

Site Tested	Rosemerryn	Material Sample ID	MDD_CAN20S_07340
Tested By	Jason Daikee	MDD Method	Back Scatter
Date Tested	29-Feb-24	Max Dry Density (kg/m3)	1790
Time Tested	430	Min Dry Density	95%
Material Tested	fine silts	Solid Density Type	Assumed
Material Source	on site		**044**

Site No	Layer	Moisture (%)	Wet Density (kg/m3)	Dry Density (kg/m3)	Relative Compaction (%)
1	2	12.6	2123	1886	105.4
2		18.0	2010	1703	95.1
3		13.0	2096	1855	103.6
4		14.5	2016	1760	98.3
5		15.2	2037	1767	98.7
6		14.0	2054	1802	100.7

NB: Please attach a copy of the SITE PLAN indicating the site Nos location.

Site No	Layer	Moisture (%)	Wet Density (kg/m3)	Dry Density (kg/m3)	Relative Compaction (%)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Nuclear Density Report

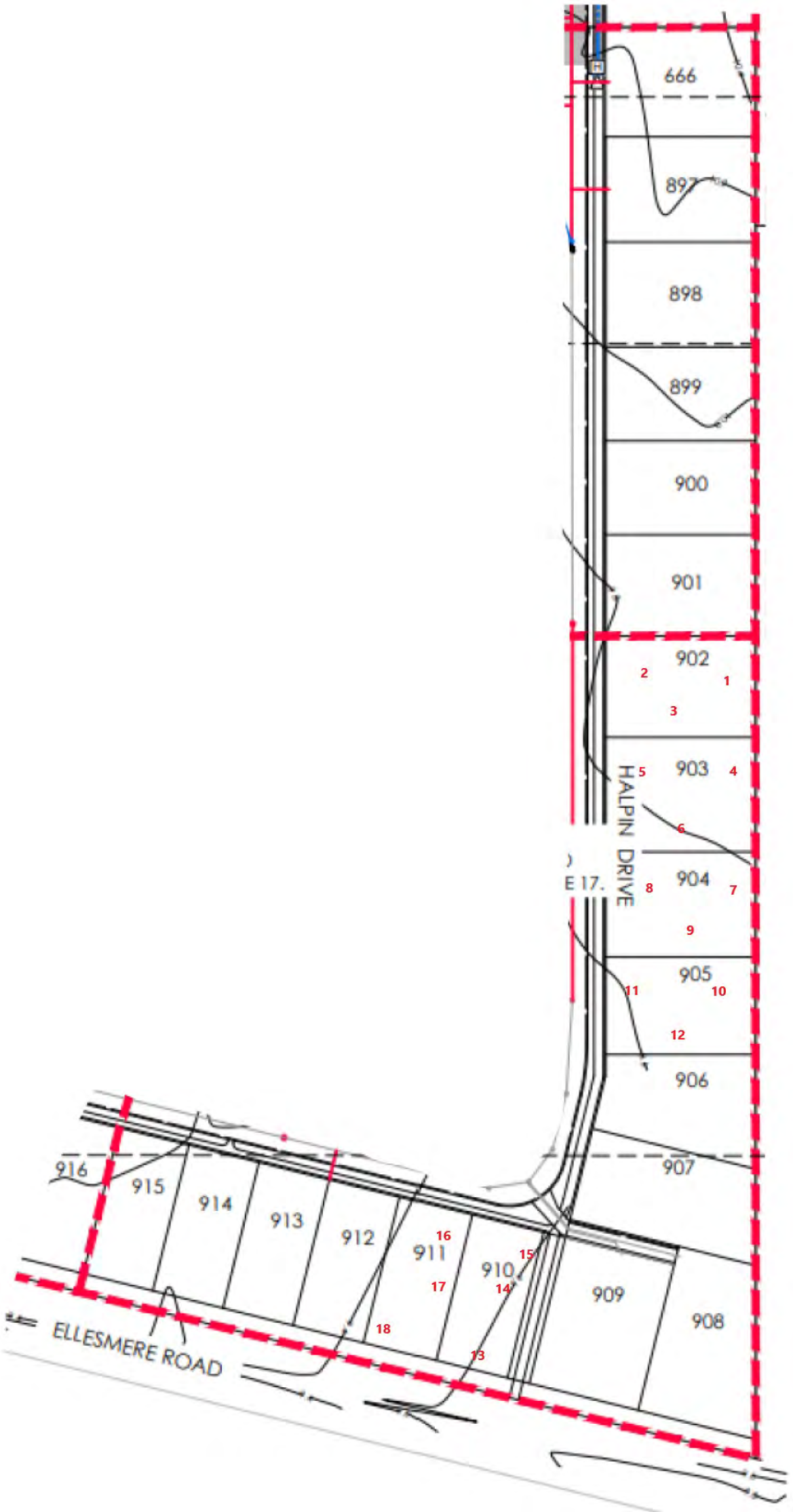
MAUGERS CONTRACTING

Site Tested	Rosemerryn	Material Sample ID	MDD_CAN20S_07340
Tested By	Jason Daikee	MDD Method	Back Scatter
Date Tested	7-Mar-24	Max Dry Density (kg/m3)	1790
Time Tested	830	Min Dry Density	95%
Material Tested	silts	Solid Density Type	Assumed
Material Source	on site		**045**

Site No	Layer	Moisture (%)	Wet Density (kg/m3)	Dry Density (kg/m3)	Relative Compaction (%)
1	1	12.9	2061	1825	102.0
2	1	13.0	2124	1880	105.0
3	1	9.4	2030	1855	103.6
4	1	9.7	1884	1717	95.9
5	1	11.0	2070	1865	104.2
6	1	8.3	2025	1870	104.5
7	1	10.8	1936	1747	97.6
8	1	11.4	1966	1766	98.6
9	1	9.1	2043	1874	104.7
10	1	11.6	1962	1757	98.2
11	1	11.4	1966	1766	98.6
12	1	13.5	2003	1765	98.6
13	3	12.5	2107	1873	104.6
14	3	15.9	2128	1836	102.6
15	3	12.0	1930	1722	96.2
16	3	14.2	2095	1834	102.4
17	3	13.8	2095	1841	102.8
18	3	15.0	2017	1754	98.0

NB: Please attach a copy of the SITE PLAN indicating the site Nos location.

Site No	Layer	Moisture (%)	Wet Density (kg/m3)	Dry Density (kg/m3)	Relative Compaction (%)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Nuclear Density Report

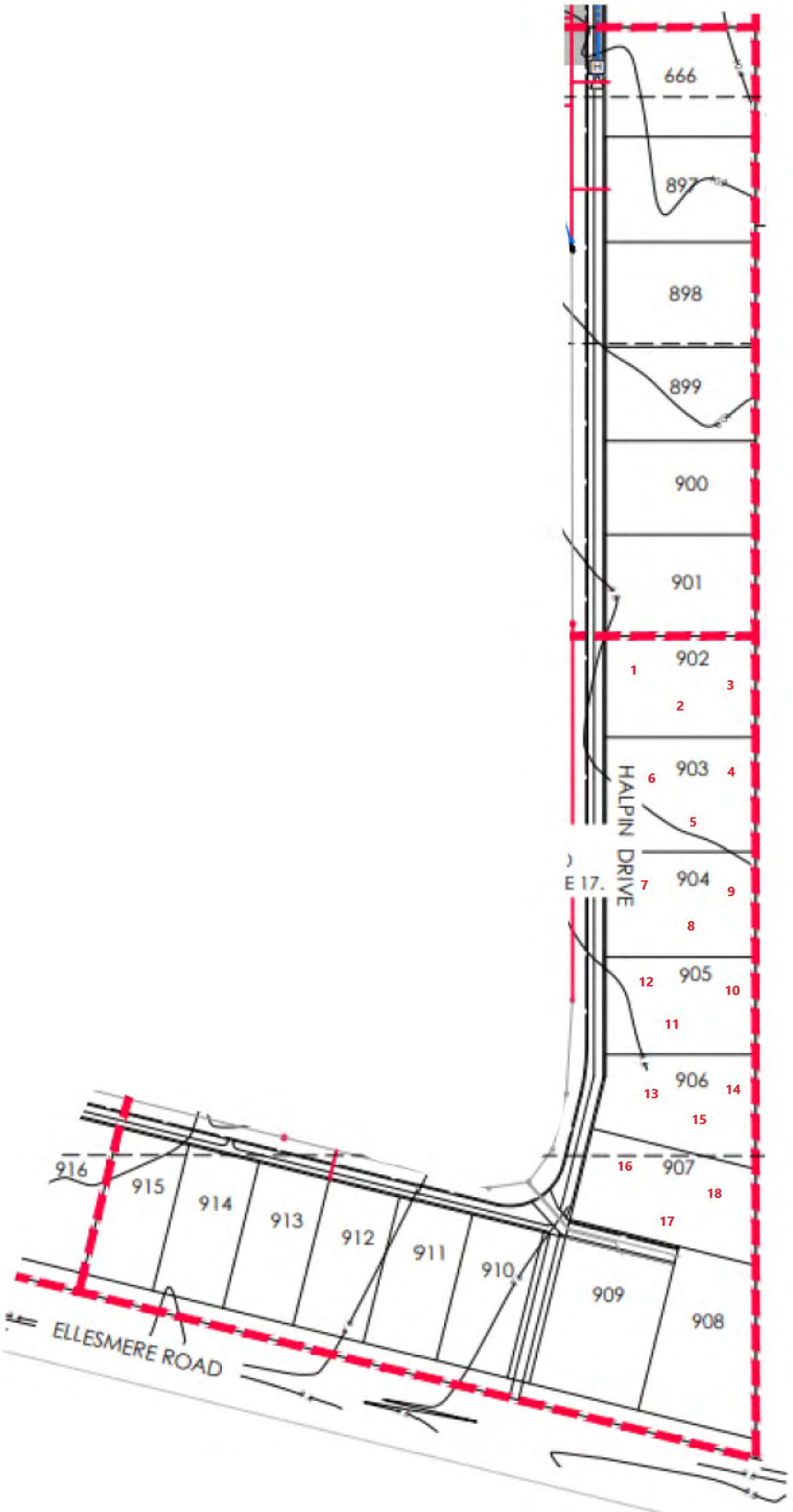
MAUGERS CONTRACTING

Site Tested	Rosemerryn	Material Sample ID	
Tested By	Jason Daikee	MDD Method	Back Scatter
Date Tested	18-Mar-24	Max Dry Density (kg/m3)	1790
Time Tested	745	Min Dry Density	95%
Material Tested	silts	Solid Density Type	Assumed
Material Source	on site		**046**

Site No	Layer	Moisture (%)	Wet Density (kg/m3)	Dry Density (kg/m3)	Relative Compaction (%)
1	2	13.1	1973	1744	97.4
2		10.9	1996	1799	100.5
3		12.7	1938	1720	96.1
4		13.5	1991	1754	98.0
5		11.9	1963	1754	98.0
6		13.0	1972	1744	97.4
7		14.9	2050	1785	99.7
8		15.0	2070	1800	100.6
9		15.8	2119	1829	102.2
10		13.8	2119	1861	104.0
11		15.1	2047	1779	99.4
12		15.6	2111	1825	102.0
13	2	15.3	1966	1705	95.2
14		13.5	1948	1717	95.9
15		11.5	2016	1809	101.1
16		13.2	2024	1788	99.9
17		15.1	1988	1727	96.5
18		13.4	2022	1782	99.6

NB: Please attach a copy of the SITE PLAN indicating the site Nos location.

Site No	Layer	Moisture (%)	Wet Density (kg/m3)	Dry Density (kg/m3)	Relative Compaction (%)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Nuclear Density Report

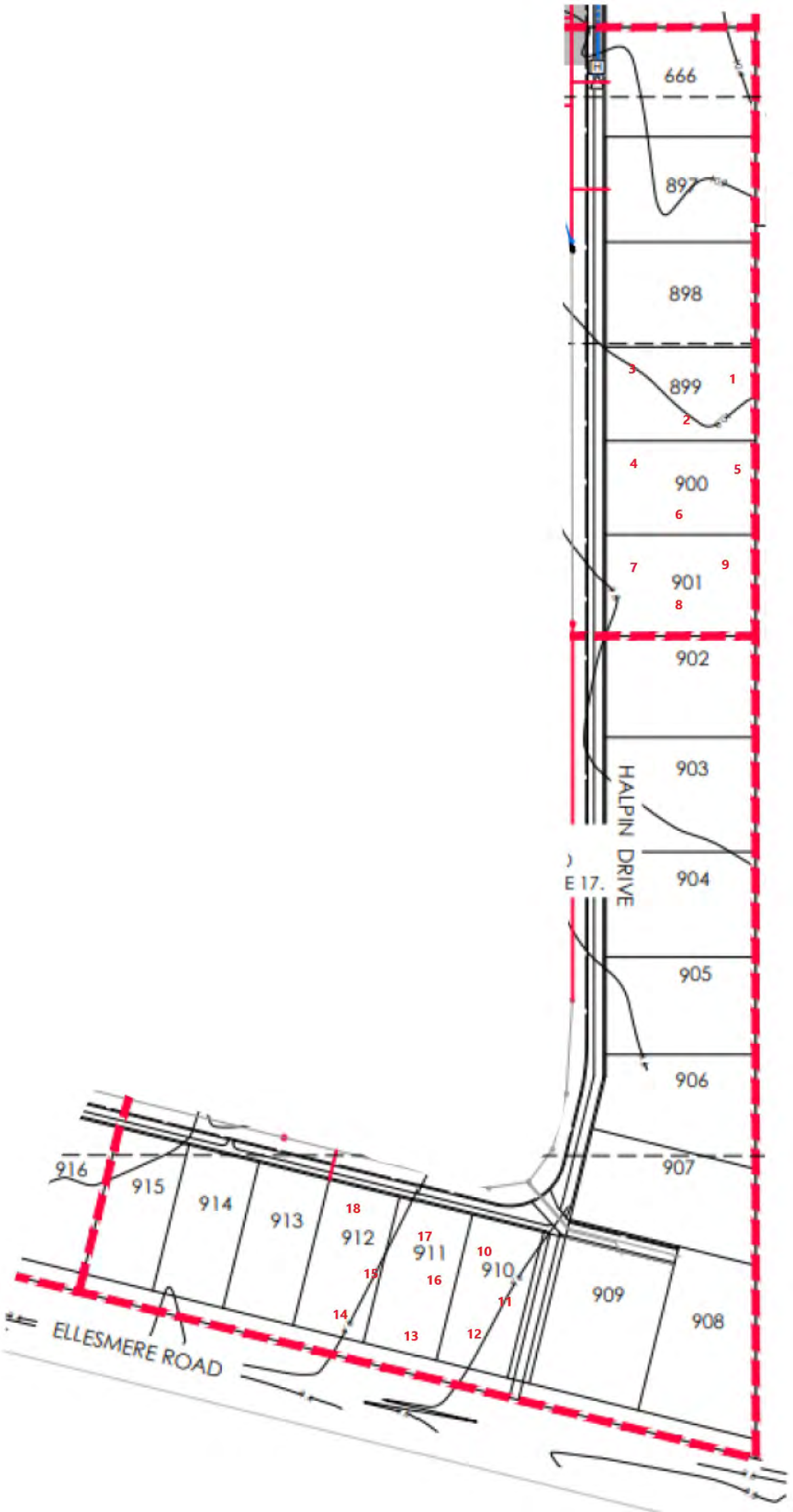
MAUGERS CONTRACTING

Site Tested	Rosemerryn	Material Sample ID	MDD_CAN20S_07340
Tested By	Jason Daikee	MDD Method	Back Scatter
Date Tested	20-Mar-24	Max Dry Density (kg/m3)	1790
Time Tested	900	Min Dry Density	95%
Material Tested	fine silts	Solid Density Type	Assumed
Material Source	on site		**047**

Site No	Layer	Moisture (%)	Wet Density (kg/m3)	Dry Density (kg/m3)	Relative Compaction (%)
1	1	10.6	1953	1766	98.7
2	1	13.5	2135	1880	105.0
3	1	10.4	2049	1855	103.7
4	1	10.7	2032	1835	102.5
5	1	18.1	2079	1760	98.3
6	1	20.7	2094	1735	96.9
7	1	16.0	2101	1812	101.2
8	1	14.7	2077	1811	101.2
9	1	14.7	2079	1812	101.3
time tested	1200				
10	4	19.5	2163	1811	101.2
11	4	14.0	2103	1845	103.1
12	4	17.1	2064	1762	98.5
13	4	16.4	2133	1832	102.4
14	4	16.8	2115	1810	101.1
15	4	16.1	2100	1809	101.1
16	4	16.2	2123	1827	102.1
17	4	17.5	2105	1791	100.1
18	4	16.7	2061	1767	98.7

NB: Please attach a copy of the SITE PLAN indicating the site Nos location.

Site No	Layer	Moisture (%)	Wet Density (kg/m3)	Dry Density (kg/m3)	Relative Compaction (%)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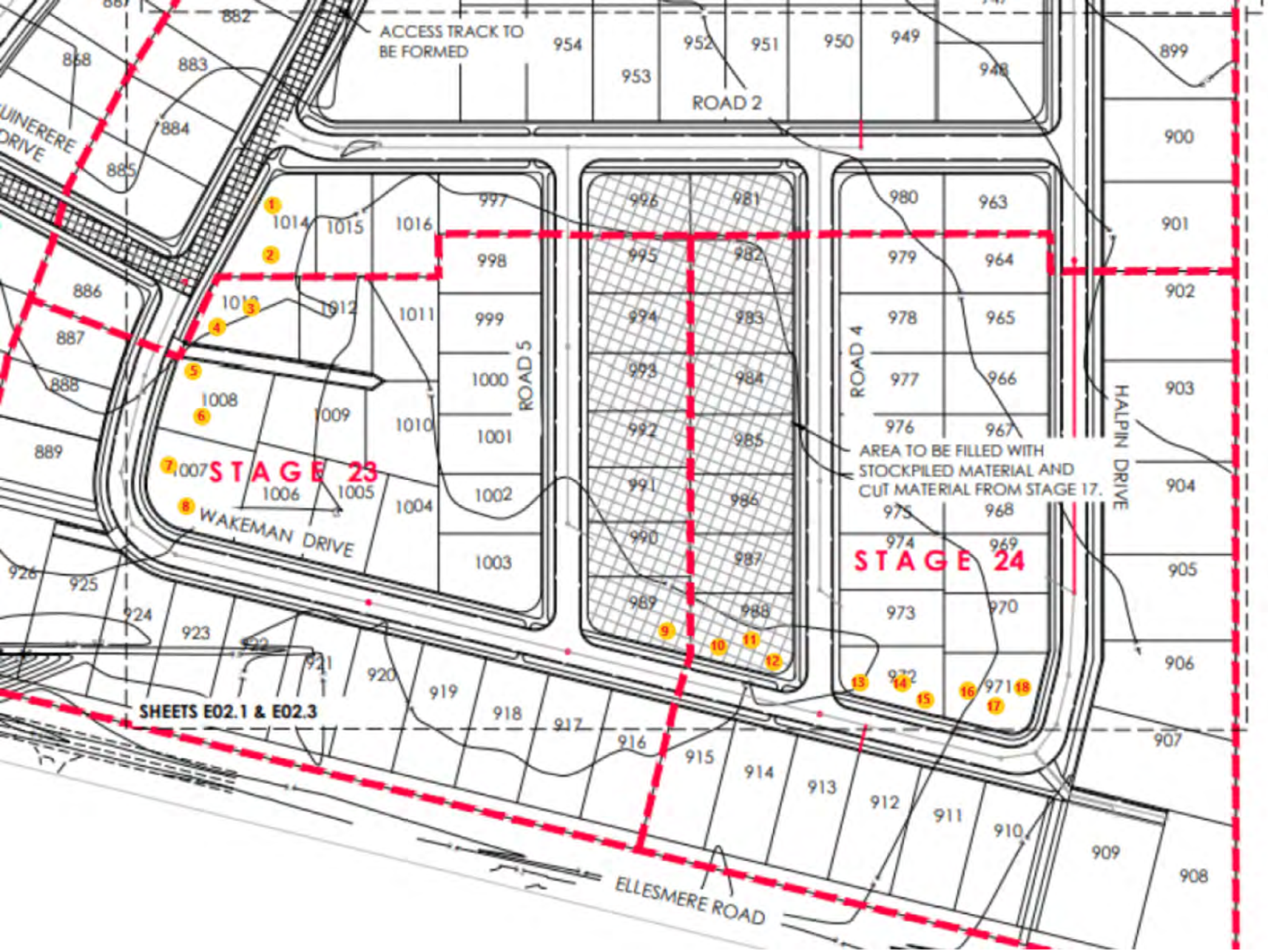
Nuclear Density Report

Site Tested	Rosemerryn	Material Sample ID	
Tested By	Jason Daikee	MDD Method	Back Scatter
Date Tested	30-May-24	Max Dry Density (kg/m3)	1790
Time Tested	815	Min Dry Density	95%
Material Tested	sandy silts	Solid Density Type	Assumed
Material Source	on site		**Report 053**

Site No	Layer	Moisture (%)	Wet Density (kg/m3)	Dry Density (kg/m3)	Relative Compaction (%)
1		12.4	2104	1871	104.5
2		13.3	2084	1840	102.8
3		12.6	2057	1827	102.1
4		13.1	2064	1825	102.0
5		17.4	2109	1796	100.3
6		12.8	2137	1894	105.8
7		13.3	1998	1764	98.6
8		13.9	1981	1739	97.1
9		17.0	2086	1783	99.6
10		18.9	2114	1779	99.4
11		18.6	2096	1767	98.7
12		17.2	2111	1800	100.6
13		19.9	2043	1703	95.2
14		16.3	2107	1812	101.2
15		19.0	2119	1781	99.5
16		17.5	2123	1808	101.0
17		16.9	2105	1801	100.6
18		16.9	2089	1787	99.8

NB: Please attach a copy of the SITE PLAN indicating the site Nos location.


ACCESS TRACK TO BE FORMED
ROAD 2
ROAD 4
ROAD 5
HALPIN DRIVE
WAKEMAN DRIVE
ELLESMERE ROAD
STAGE 23
STAGE 24
AREA TO BE FILLED WITH STOCKPILED MATERIAL AND CUT MATERIAL FROM STAGE 17.
SHEETS E02.1 & E02.3

NUCLEAR DENSITY TEST REPORT

CLIENT:

DAVIE LOVELL-SMITH

SITE:
ROSEMERRYN Stage 24

TEST MATERIAL:
SITE SILTS

NUCLEAR DENSITY TEST REPORT

Client:	DAVIE LOVELL-SMITH	Site:	ROSEMERRYN Stage 24		Date tested :	4-21/11/2025	
Solid Density		SITE SILTS	Test Materials	SITE SENDY SILT	Solid Density		
Target Density is	95%	of MDD			Target Density is	95%	of MDD
Lab. MDD	1790	kg/m3			Lab. MDD	1900	kg/m^3
	1701	(kg/m3)	**Target Dry Densitys**		1805	(kg/m^3)	

LOTS LIFT 1 FILL-NDM Backscatter **061**

Test ID	Dry Density (kg/m^3)	W. Content	(%) of MDD	Air Voids (%)	Comments/Location (see plan)
1	1781	17.5	99.5	PASS	
2	1964	14.2	103.4	PASS	
3	1845	15.7	97.1	PASS	
4	1941	11.7	102.2	PASS	
5	1947	10.7	102.5	PASS	
6	1909	11.8	100.5	PASS	
7	1960	11.6	103.2	PASS	
8	1915	11.3	100.8	PASS	
9	1933	10.5	101.7	PASS	
10	1926	10.2	101.4	PASS	
11	1918	10.7	100.9	PASS	
12	1938	12.5	102.0	PASS	
13	1927	14.2	101.4	PASS	
14	1964	12.9	103.4	PASS	
15	1940	13.5	102.1	PASS	
16	1830	14.1	96.3	PASS	
17	1993	10.6	104.9	PASS	
18	2048	10.9	107.8	PASS	
19	1858	11.6	97.8	PASS	
20	2102	10.1	110.6	PASS	
21	1849	12.6	97.3	PASS	
22	1968	11.1	103.6	PASS	
23	1876	11.8	98.7	PASS	
24	1891	14.3	99.5	PASS	
25	1903	11.1	100.2	PASS	
26	1848	12.3	97.3	PASS	
27	1858	11.6	97.8	PASS	
28	1902	10.1	100.1	PASS	
29	1849	12.6	97.3	PASS	
30	1868	11.1	98.3	PASS	
31	1876	11.8	98.7	PASS	
32	1891	14.3	99.5	PASS	
33	1903	11.1	100.2	PASS	
34	1848	13.2	97.3	PASS	
35	1859	11.9	97.8	PASS	
36	1877	12.4	98.8	PASS	
37	1831	10.8	96.4	PASS	
Average Values:	**1906**	**12.2**	**101.0**		

This report does not confirm acceptance of the fill material by a 3rd party & is a sample of the soil properties on the

Tested by: KF
Entered by: KF

Checked by: RM

NUCLEAR DENSITY TEST REPORT

Client:	DAVIE LOVELL-SMITH	Site:	ROSEMERRYN Stage 24		Date tested :	5-24/11/2025	
Solid Density			Test Materials	SITE SENDY SILT	Solid Density		
Target Density is	95%	of MDD			Target Density is	95%	of MDD
Lab. MDD		**kg/m3**			Lab. MDD	1900	kg/m^3
	0	**(kg/m3)**	**Target Dry Densitys**		1805	(kg/m^3)	

LOTS LIFT 2 FILL-NDM Backscatter **062**

Test ID	Dry Density (kg/m^3)	W. Content	(%) of MDD	Air Voids (%)	Comments/Location (see plan)
1	1911	13.0	100.6	PASS	
2	1924	13.6	101.3	PASS	
3	1956	13.0	102.9	PASS	
18	1996	9.4	105.1	PASS	
19	1939	10.0	102.1	PASS	
20	1941	10.1	102.2	PASS	
35	1818	10.7	95.7	PASS	
36	1924	9.3	101.3	PASS	
37	1864	8.9	98.1	PASS	
Average Values:	**1919**	**10.9**	**101.0**		

This report does not confirm acceptance of the fill material by a 3rd party & is a sample of the soil properties on the

Tested by: KF
Entered by: KF

Checked by: RM

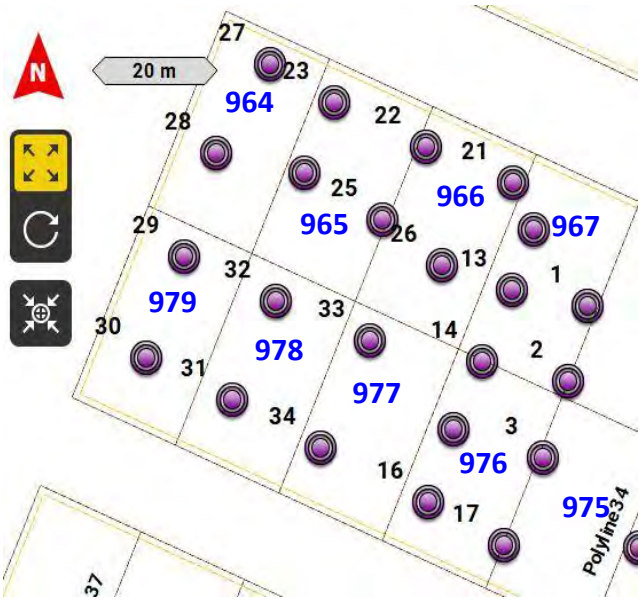
NUCLEAR DENSITY TEST PHOTOS

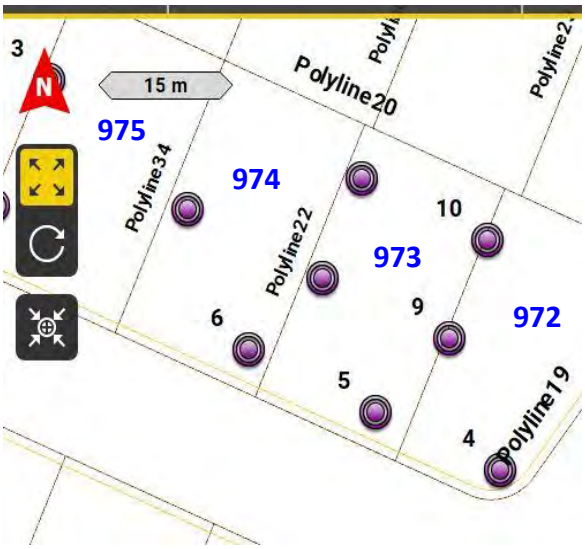
Client: DAVIE LOVELL-SMITH **Date tested :** 4-24/11/2025

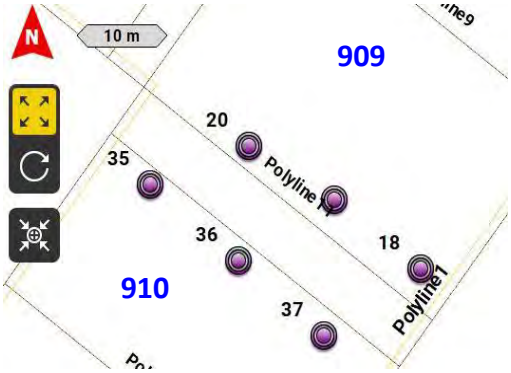
Site: ROSEMERRYN Stage 24

Test Material: SITE SILTS

TEST LOCATION PLAN







Entered by: KF Checked by: RM

Page 4 of 4

Appendix C – Lot Specific Handheld Testing Results

Lot 1
DP 83562

=Augers

EXISTING RETAINING WALL

BULK EARTHWORKS PREVIOUSLY COMPLETED OVER THESE LOTS. MINOR SURFACE ADJUSTMENTS REQUIRED ONCE INSPECTED ON SITE

STAGE 24B

STAGE 24A

MA 8
Flush in Channel
RL 9.792

MA 7
Flush in Channel
RL 9.667

HALPIN DRIVE

LINDSAY WILSON STREET

MADELEINE LANE

TAIPOITI LANE

ROW 1

ELLESMERE ROAD

EXISTING BATTER BETWEEN LOTS

BULK EARTHWORKS PREVIOUSLY COMPLETED OVER THESE LOTS. MINOR SURFACE ADJUSTMENTS REQUIRED ONCE INSPECTED ON SITE

Lot 8
DP 321901

Lot 9
DP 321901

NORTH

AMENDMENTS :

AMENDMENT	DATE	DESCRIPTION
R2	14/08/25	NO CHANGES THIS SHEET
R3	15/08/25	NO CHANGES THIS SHEET
R4	05/09/25	NO CHANGES THIS SHEET

NOTES :

1. ALL WORKS IN ACCORDANCE WITH SDC CODE OF PRACTICE PARTS 1-11 STANDARDS, IF STANDARDS ARE UNSPECIFIED REFER TO CCC CSS PARTS 1-7.
2. ORIGIN OF LEVELS
   SS 11A SO 797
   BRASS PLAQUE
   RL=9.42m.

   ALL LEVELS IN TERMS OF LYTTELTON VERTICAL DATUM 1937. LEVELS PRE 2010 & 2011 CANTERBURY EARTHQUAKES.
3. METAL DEPTHS TO BE CONFIRMED OR INCREASED BY ENGINEER FOLLOWING CHECKING OF SUBGRADE CBR STRENGTH ONCE EXCAVATED.
4. ALL BERMS TO BE COVER WITH A MINIMUM OF 150mm SCREENED TOPSOIL GRASSED WITH CCC BERM MIX.
5. EXISTING SERVICES HAVE BEEN DIGITISED FROM SERVICE AUTHORITY PLANS; COMPLETENESS AND ACCURACY ARE NOT GUARANTEED. ALL SERVICES TO BE FULLY SEARCHED & PILOTED PRIOR TO TRENCHING.
6. CLEARING TO INCLUDE REMOVAL OF ALL INTERNAL FENCING, ALL VEGETATION FROM LOTS, CLEARED AREA TO BE GRASSED AND FREE OF DEBRIS. ALL MATERIAL TO BE REMOVED FROM SITE.
7. CUT-FILL CONTOUR INTERVAL: MAJOR 1.0m MINOR 0.1m.
8. ALL EARTHFILL WORKS TO COMPLY WITH NZS 4431:1989 RELEVANT CERTIFICATION REQUIRED AS PROOF.
9. IF PEAT OR OTHER UNSUITABLE MATERIAL IS LOCATED IN THE SUBGRADE THE ENGINEER IS TO BE CONTACTED FOR INSTRUCTION.
10. ESCMP TO BE IN PLACE PRIOR TO ANY EARTHWORKS.
11. CONTRACTOR MUST READ ALL DISCHARGE CONSENTS PRIOR TO ANY EARTHWORKS.
12. DRAWINGS TO BE DISTRIBUTED AND READ AS A COMPLETE SET. ANY DISCREPANCIES ARE TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR CLARIFICATION.

Fulton Hogan
LAND DEVELOPMENT LTD.

LEGEND :

- RETAINING WALL
- LEVELS
- 20.31 PROPOSED LOT LEVELS
- 25.35 EXISTING LOT LEVELS
- SEC. FLOW DIRECTION OF FLOW
- ENGINEERING FILL
- ENGINEERING CUT
- PREVIOUSLY COMPLETED EARTHWORKS

EXISTING SERVICES	PROPOSED SERVICES
KERB	KERB

	NAME	SIGNED	DATE
DESIGNED BY	SAM JONES	SAM JONES	
CHECKED BY	TODD INNESS	TODD INNESS	

DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

116 Wrights Road P O Box 679 Christchurch 8140. New Zealand
Telephone: 03 379-0793 Website: www.dls.co.nz E-mail: office@dls.co.nz

JOB TITLE:

Fulton Hogan Land Development Ltd.
Rosemerryn - Stage 24A & 24B

SHEET TITLE:

Cut Fill Plan
RC225391 & RC225528

DRAWING STATUS

For Engineering Approval

SCALE : 1:500@A1
1:1000@A3

DATE : January 2026

CAD FILE : J:\21373\Eng\Drawings\E21373_E02.0_R4.dwg

DRAWN : JS

DRAWING No : **E.21373**

SHEET No: **E02.1**

REVISION : **R4**

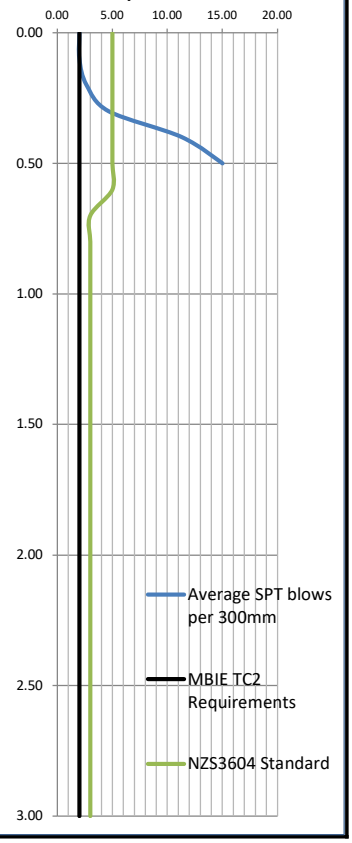
DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373
Project: Foundation Testing - Rosemerryn
SPT No: 1
Stage 24B **Lot 964**
Date: 18/03/2026
Location: Rosemerryn, Stage 24B , Lot 964
Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
		0.00 - 0.10	2	2.00	3.65
		0.01 - 0.20	2	2.00	3.65
		0.20 - 0.30	2	2.67	3.65
		0.30 - 0.40	4	4.67	7.94
		0.40 - 0.50	8	11.33	17.25
		0.50 - 0.60	22	15.00	53.57
		0.60 - 0.70			
		0.70 - 0.80			
		0.80 - 0.90			
		0.90 - 1.00			
		1.00 - 1.10			
		1.10 - 1.20			
		1.20 - 1.30			
		1.30 - 1.40			
		1.40 - 1.50			
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			

Blows Per 100mm
3 Blows/100mm = 300kPa
2 Blows/100mm = 200kPa



DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373

Project: Foundation Testing - Rosemerryn

SPT No: 2

Stage 24B **Lot 964**

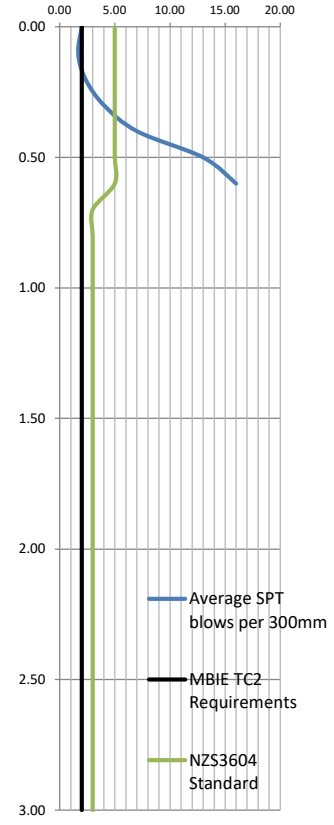
Date: 18/03/2026

Location: Rosemerryn, Stage 24B , Lot 964

Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
Topsoil		0.00 - 0.10	2	2.00	3.65
		0.01 - 0.20	2	1.67	3.65
Sandy silt, Brown		0.20 - 0.30	1	2.33	1.68
		0.30 - 0.40	4	4.00	7.94
		0.40 - 0.50	7	7.00	14.86
		0.50 - 0.60	10	13.00	22.15
Refusal		0.60 - 0.70	22	16.00	53.57
		0.70 - 0.80			
		0.80 - 0.90			
		0.90 - 1.00			
		1.00 - 1.10			
		1.10 - 1.20			
		1.20 - 1.30			
		1.30 - 1.40			
		1.40 - 1.50			
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			

Blows Per 100mm
3 Blows/100mm = 300kPa
2 Blows/100mm = 200kPa



DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373

Project: Foundation Testing - Rosemerryn

SPT No: 3

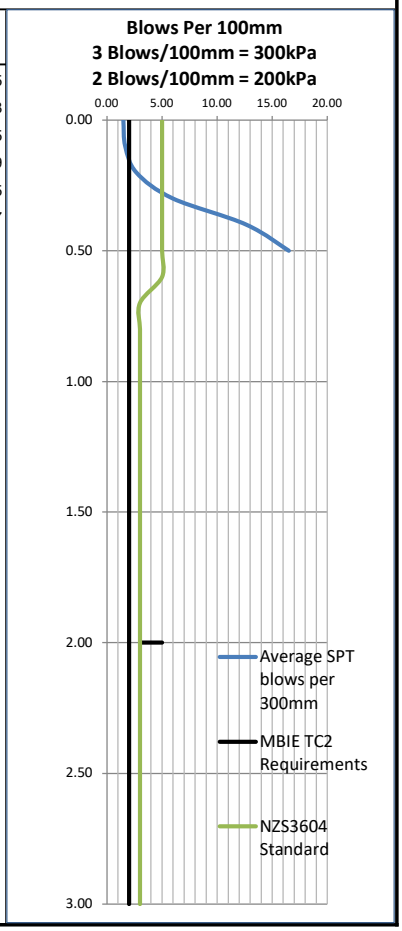
Stage 24B **Lot 964**

Date: 18/03/2026

Location: Rosemerryn, Stage 24B , Lot 964

Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
		0.00 - 0.10	2	1.50	3.65
		0.01 - 0.20	1	1.67	1.68
		0.20 - 0.30	2	2.67	3.65
		0.30 - 0.40	5	6.00	10.19
		0.40 - 0.50	11	12.67	24.65
		0.50 - 0.60	22	16.50	53.57
		0.60 - 0.70			
		0.70 - 0.80			
		0.80 - 0.90			
		0.90 - 1.00			
		1.00 - 1.10			
		1.10 - 1.20			
		1.20 - 1.30			
		1.30 - 1.40			
		1.40 - 1.50			
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			

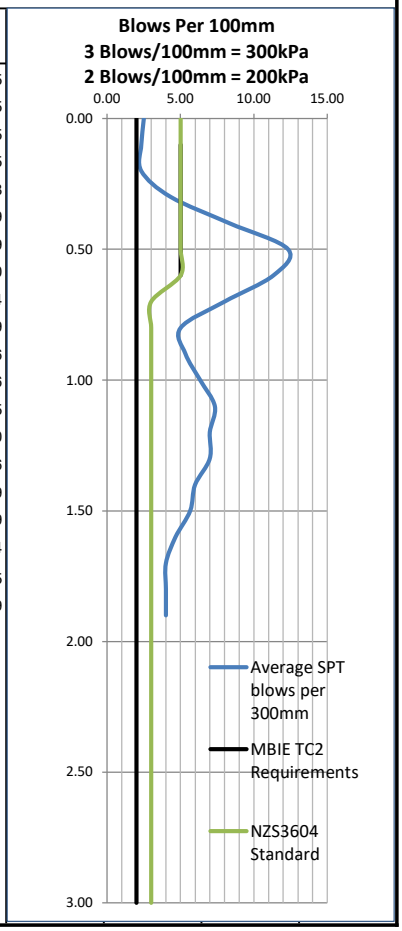


DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373
Project: Foundation Testing - Rosemerryn
SPT No: 4
Stage 24B Lot 964
Date: 18/03/2026
Location: Rosemerryn, Stage 24B , Lot 964
Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
Topsoil		0.00 - 0.10	2	2.50	3.65
		0.01 - 0.20	3	2.33	5.75
		0.20 - 0.30	2	2.33	3.65
Sandy silt, Brown		0.30 - 0.40	2	4.33	3.65
		0.40 - 0.50	9	8.33	19.68
		0.50 - 0.60	14	12.33	32.29
Refusal		0.60 - 0.70	14	11.33	32.29
		0.70 - 0.80	6	8.00	12.50
		0.80 - 0.90	4	5.00	7.94
		0.90 - 1.00	5	5.33	10.19
		1.00 - 1.10	7	6.33	14.86
		1.10 - 1.20	7	7.33	14.86
		1.20 - 1.30	8	7.00	17.25
		1.30 - 1.40	6	7.00	12.50
		1.40 - 1.50	7	6.00	14.86
		1.50 - 1.60	5	5.67	10.19
		1.60 - 1.70	5	4.67	10.19
		1.70 - 1.80	4	4.00	7.94
		1.80 - 1.90	3	4.00	5.75
		1.90 - 2.00	5	4.00	10.19
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			



DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373

Project: Foundation Testing - Rosemerryn

SPT No: 1

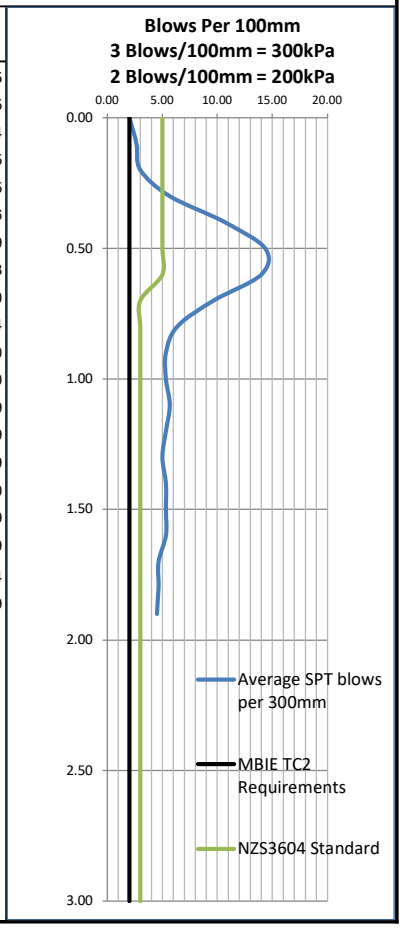
Stage 24B **Lot 965**

Date: 18/03/2026

Location: Rosemerryn, Stage 24B , Lot 965

Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
		0.00 - 0.10	2	2.00	3.65
		0.01 - 0.20	2	2.67	3.65
		0.20 - 0.30	4	3.00	7.94
		0.30 - 0.40	3	5.67	5.75
		0.40 - 0.50	10	10.67	22.15
		0.50 - 0.60	19	14.33	45.46
		0.60 - 0.70	14	14.00	32.29
		0.70 - 0.80	9	9.67	19.68
		0.80 - 0.90	6	6.33	12.50
		0.90 - 1.00	4	5.33	7.94
		1.00 - 1.10	6	5.33	12.50
		1.10 - 1.20	6	5.67	12.50
		1.20 - 1.30	5	5.33	10.19
		1.30 - 1.40	5	5.00	10.19
		1.40 - 1.50	5	5.33	10.19
		1.50 - 1.60	6	5.33	12.50
		1.60 - 1.70	5	5.33	10.19
		1.70 - 1.80	5	4.67	10.19
		1.80 - 1.90	4	4.67	7.94
		1.90 - 2.00	5	4.50	10.19
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			



DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373

Project: Foundation Testing - Rosemerryn

SPT No: 2

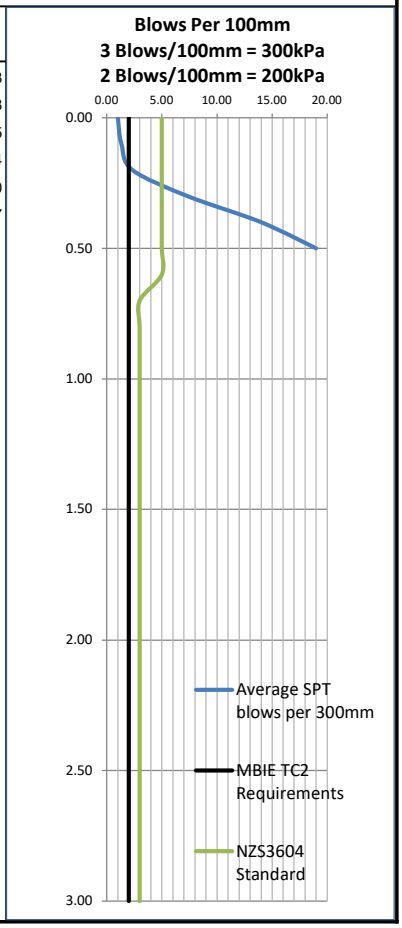
Stage 24B **Lot 965**

Date: 18/03/2026

Location: Rosemerryn, Stage 24B , Lot 965

Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
		0.00 - 0.10	1	1.00	1.68
		0.01 - 0.20	1	1.33	1.68
		0.20 - 0.30	2	2.33	3.65
		0.30 - 0.40	4	7.33	7.94
		0.40 - 0.50	16	14.00	37.50
		0.50 - 0.60	22	19.00	53.57
		0.60 - 0.70			
		0.70 - 0.80			
		0.80 - 0.90			
		0.90 - 1.00			
		1.00 - 1.10			
		1.10 - 1.20			
		1.20 - 1.30			
		1.30 - 1.40			
		1.40 - 1.50			
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			



DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373

Project: Foundation Testing - Rosemerryn

SPT No: 3

Stage 24B **Lot 965**

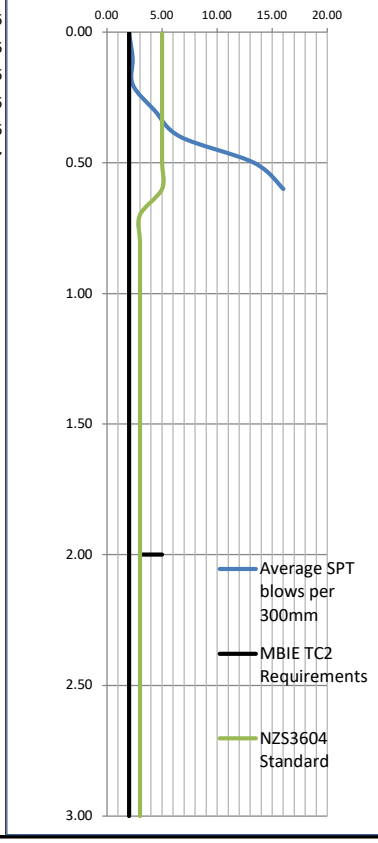
Date: 18/03/2026

Location: Rosemerryn, Stage 24B , Lot 965

Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
		0.00 - 0.10	2	2.00	3.65
		0.01 - 0.20	2	2.33	3.65
		0.20 - 0.30	3	2.33	5.75
		0.30 - 0.40	2	4.33	3.65
		0.40 - 0.50	8	6.67	17.25
		0.50 - 0.60	10	13.33	22.15
		0.60 - 0.70	22	16.00	53.57
		0.70 - 0.80			
		0.80 - 0.90			
		0.90 - 1.00			
		1.00 - 1.10			
		1.10 - 1.20			
		1.20 - 1.30			
		1.30 - 1.40			
		1.40 - 1.50			
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			

Blows Per 100mm
3 Blows/100mm = 300kPa
2 Blows/100mm = 200kPa



DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373

Project: Foundation Testing - Rosemerryn

SPT No: 4

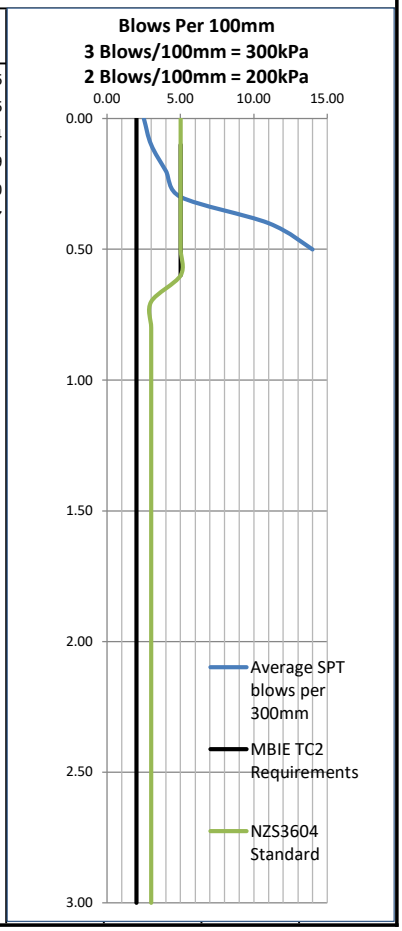
Stage 24B **Lot 965**

Date: 18/03/2026

Location: Rosemerryn, Stage 24B , Lot 965

Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
Topsoil		0.00 - 0.10	2	2.50	3.65
		0.01 - 0.20	3	3.00	5.75
		0.20 - 0.30	4	4.00	7.94
Sandy silt, Brown		0.30 - 0.40	5	5.00	10.19
		0.40 - 0.50	6	11.00	12.50
Refusal		0.50 - 0.60	22	14.00	53.57
		0.60 - 0.70			
		0.70 - 0.80			
		0.80 - 0.90			
		0.90 - 1.00			
		1.00 - 1.10			
		1.10 - 1.20			
		1.20 - 1.30			
		1.30 - 1.40			
		1.40 - 1.50			
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			



DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373

Project: Foundation Testing - Rosemerryn

SPT No: 1

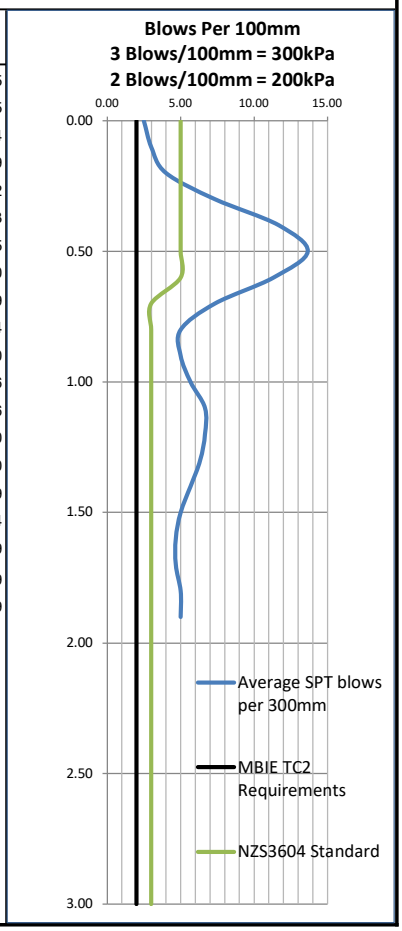
Stage 24B **Lot 966**

Date: 18/03/2026

Location: Rosemerryn, Stage 24B , Lot 966

Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
		0.00 - 0.10	2	2.50	3.65
		0.01 - 0.20	3	3.00	5.75
		0.20 - 0.30	4	4.00	7.94
		0.30 - 0.40	5	7.33	10.19
		0.40 - 0.50	13	11.67	29.72
		0.50 - 0.60	17	13.67	40.13
		0.60 - 0.70	11	11.33	24.65
		0.70 - 0.80	6	7.33	12.50
		0.80 - 0.90	5	5.00	10.19
		0.90 - 1.00	4	5.00	7.94
		1.00 - 1.10	6	5.67	12.50
		1.10 - 1.20	7	6.67	14.86
		1.20 - 1.30	7	6.67	14.86
		1.30 - 1.40	6	6.33	12.50
		1.40 - 1.50	6	5.67	12.50
		1.50 - 1.60	5	5.00	10.19
		1.60 - 1.70	4	4.67	7.94
		1.70 - 1.80	5	4.67	10.19
		1.80 - 1.90	5	5.00	10.19
		1.90 - 2.00	5	5.00	10.19
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			



DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373

Project: Foundation Testing - Rosemerryn

SPT No: 2

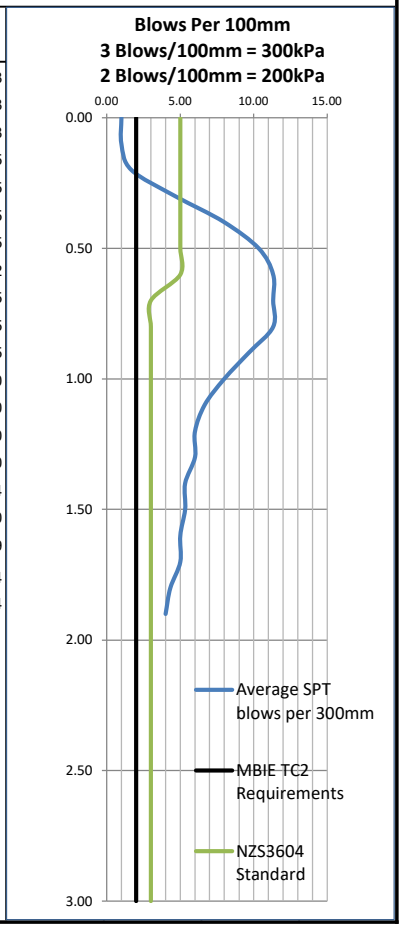
Stage 24B **Lot 966**

Date: 18/03/2026

Location: Rosemerryn, Stage 24B , Lot 966

Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
Topsoil		0.00 - 0.10	1	1.00	1.68
		0.01 - 0.20	1	1.00	1.68
		0.20 - 0.30	1	1.67	1.68
Sandy silt, Brown		0.30 - 0.40	3	4.67	5.75
		0.40 - 0.50	10	8.00	22.15
		0.50 - 0.60	11	10.33	24.65
		0.60 - 0.70	10	11.33	22.15
		0.70 - 0.80	13	11.33	29.72
Refusal		0.80 - 0.90	11	11.33	24.65
		0.90 - 1.00	10	9.67	22.15
		1.00 - 1.10	8	8.00	17.25
		1.10 - 1.20	6	6.67	12.50
		1.20 - 1.30	6	6.00	12.50
		1.30 - 1.40	6	6.00	12.50
		1.40 - 1.50	6	5.33	12.50
		1.50 - 1.60	4	5.33	7.94
		1.60 - 1.70	6	5.00	12.50
		1.70 - 1.80	5	5.00	10.19
		1.80 - 1.90	4	4.33	7.94
		1.90 - 2.00	4	4.00	7.94
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			



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PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373

Project: Foundation Testing - Rosemerryn

SPT No: 3

Stage 24B **Lot 966**

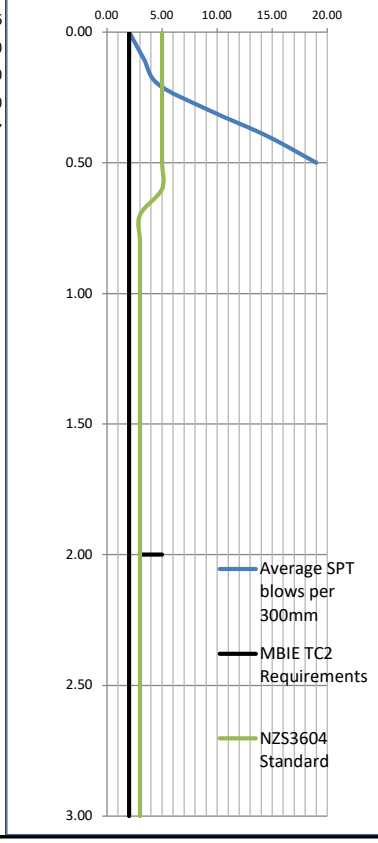
Date: 18/03/2026

Location: Rosemerryn, Stage 24B , Lot 966

Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
		0.00 - 0.10	2	2.00	3.65
		0.01 - 0.20	2	3.33	3.65
		0.20 - 0.30	6	4.67	12.50
		0.30 - 0.40	6	9.33	12.50
		0.40 - 0.50	16	14.67	37.50
		0.50 - 0.60	22	19.00	53.57
		0.60 - 0.70			
		0.70 - 0.80			
		0.80 - 0.90			
		0.90 - 1.00			
		1.00 - 1.10			
		1.10 - 1.20			
		1.20 - 1.30			
		1.30 - 1.40			
		1.40 - 1.50			
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			

Blows Per 100mm
3 Blows/100mm = 300kPa
2 Blows/100mm = 200kPa



DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373

Project: Foundation Testing - Rosemerryn

SPT No: 4

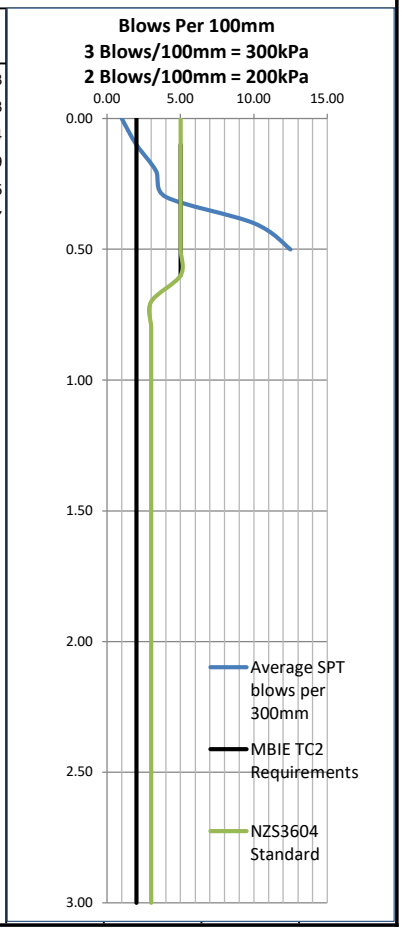
Stage 24B **Lot 966**

Date: 18/03/2026

Location: Rosemerryn, Stage 24B , Lot 966

Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
Topsoil		0.00 - 0.10	1	1.00	1.68
		0.01 - 0.20	1	2.00	1.68
		0.20 - 0.30	4	3.33	7.94
Sandy silt, Brown		0.30 - 0.40	5	4.00	10.19
		0.40 - 0.50	3	10.00	5.75
Refusal		0.50 - 0.60	22	12.50	53.57
		0.60 - 0.70			
		0.70 - 0.80			
		0.80 - 0.90			
		0.90 - 1.00			
		1.00 - 1.10			
		1.10 - 1.20			
		1.20 - 1.30			
		1.30 - 1.40			
		1.40 - 1.50			
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			



DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373

Project: Foundation Testing - Rosemerryn

SPT No: 1

Stage 24B **Lot 967**

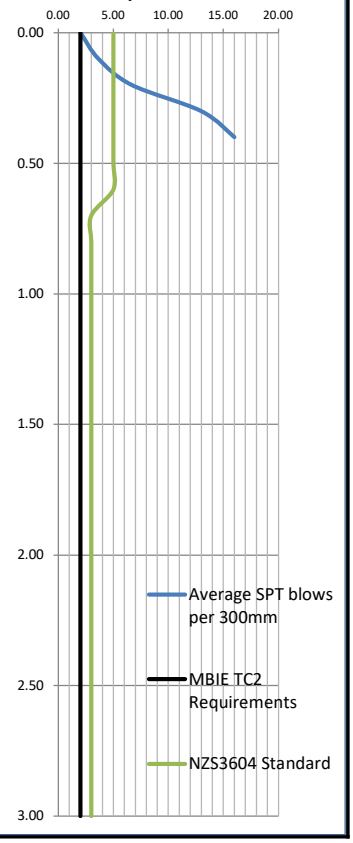
Date: 18/03/2026

Location: Rosemerryn, Stage 24B , Lot 967

Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
		0.00 - 0.10	1	2.00	1.68
		0.01 - 0.20	3	3.67	5.75
		0.20 - 0.30	7	6.67	14.86
		0.30 - 0.40	10	13.00	22.15
		0.40 - 0.50	22	16.00	53.57
		0.50 - 0.60			
		0.60 - 0.70			
		0.70 - 0.80			
		0.80 - 0.90			
		0.90 - 1.00			
		1.00 - 1.10			
		1.10 - 1.20			
		1.20 - 1.30			
		1.30 - 1.40			
		1.40 - 1.50			
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			

Blows Per 100mm
3 Blows/100mm = 300kPa
2 Blows/100mm = 200kPa



DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373

Project: Foundation Testing - Rosemerryn

SPT No: 2

Stage 24B **Lot 967**

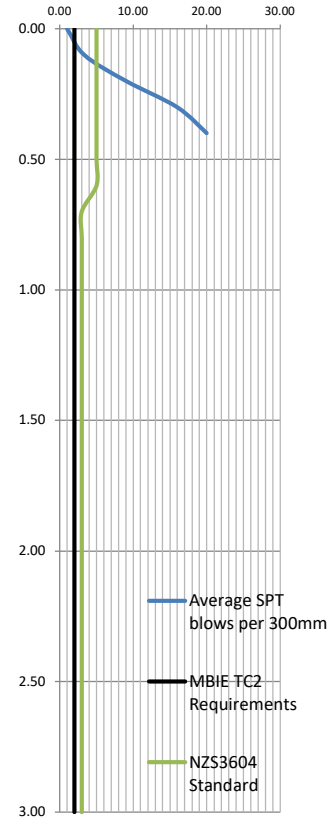
Date: 18/03/2026

Location: Rosemerryn, Stage 24B , Lot 967

Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
		0.00 - 0.10	1	1.00	1.68
		0.01 - 0.20	1	3.33	1.68
		0.20 - 0.30	8	9.00	17.25
		0.30 - 0.40	18	16.00	42.78
		0.40 - 0.50	22	20.00	53.57
		0.50 - 0.60			
		0.60 - 0.70			
		0.70 - 0.80			
		0.80 - 0.90			
		0.90 - 1.00			
		1.00 - 1.10			
		1.10 - 1.20			
		1.20 - 1.30			
		1.30 - 1.40			
		1.40 - 1.50			
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			

Blows Per 100mm
3 Blows/100mm = 300kPa
2 Blows/100mm = 200kPa



DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373

Project: Foundation Testing - Rosemerryn

SPT No: 3

Stage 24B **Lot 967**

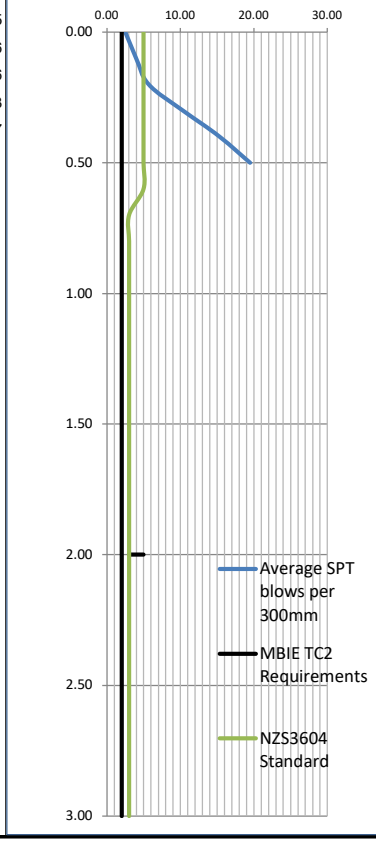
Date: 18/03/2026

Location: Rosemerryn, Stage 24B , Lot 967

Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
		0.00 - 0.10	2	2.50	3.65
		0.01 - 0.20	3	4.00	5.75
		0.20 - 0.30	7	5.67	14.86
		0.30 - 0.40	7	10.33	14.86
		0.40 - 0.50	17	15.33	40.13
		0.50 - 0.60	22	19.50	53.57
		0.60 - 0.70			
		0.70 - 0.80			
		0.80 - 0.90			
		0.90 - 1.00			
		1.00 - 1.10			
		1.10 - 1.20			
		1.20 - 1.30			
		1.30 - 1.40			
		1.40 - 1.50			
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			

Blows Per 100mm
3 Blows/100mm = 300kPa
2 Blows/100mm = 200kPa

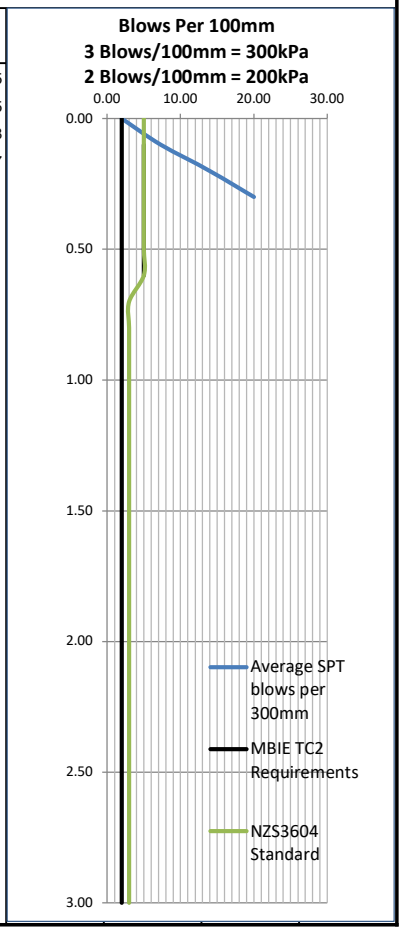


DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373
Project: Foundation Testing - Rosemerryn
SPT No: 4
Stage 24B Lot 967
Date: 18/03/2026
Location: Rosemerryn, Stage 24B , Lot 967
Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
Topsoil		0.00 - 0.10	2	2.00	3.65
		0.01 - 0.20	2	7.33	3.65
		0.20 - 0.30	18	14.00	42.78
Refusal		0.30 - 0.40	22	20.00	53.57
		0.40 - 0.50			
		0.50 - 0.60			
		0.60 - 0.70			
		0.70 - 0.80			
		0.80 - 0.90			
		0.90 - 1.00			
		1.00 - 1.10			
		1.10 - 1.20			
		1.20 - 1.30			
		1.30 - 1.40			
		1.40 - 1.50			
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			



DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373

Project: Foundation Testing - Rosemerryn

SPT No: 1

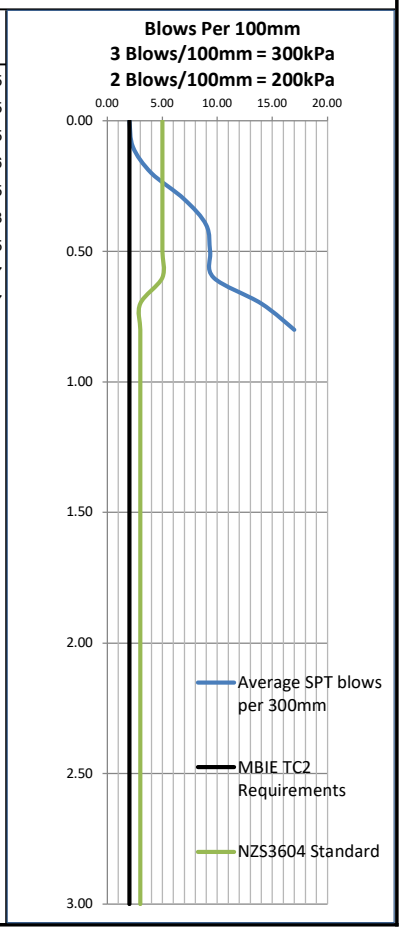
Stage 24B **Lot 968**

Date: 18/03/2026

Location: Rosemerryn, Stage 24B , Lot 968

Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
		0.00 - 0.10	2	2.00	3.65
		0.01 - 0.20	2	2.33	3.65
		0.20 - 0.30	3	4.00	5.75
		0.30 - 0.40	7	7.00	14.86
		0.40 - 0.50	11	9.00	24.65
		0.50 - 0.60	9	9.33	19.68
		0.60 - 0.70	8	9.67	17.25
		0.70 - 0.80	12	14.00	27.17
		0.80 - 0.90	22	17.00	53.57
		0.90 - 1.00			
		1.00 - 1.10			
		1.10 - 1.20			
		1.20 - 1.30			
		1.30 - 1.40			
		1.40 - 1.50			
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			



DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373

Project: Foundation Testing - Rosemerryn

SPT No: 2

Stage 24B **Lot 968**

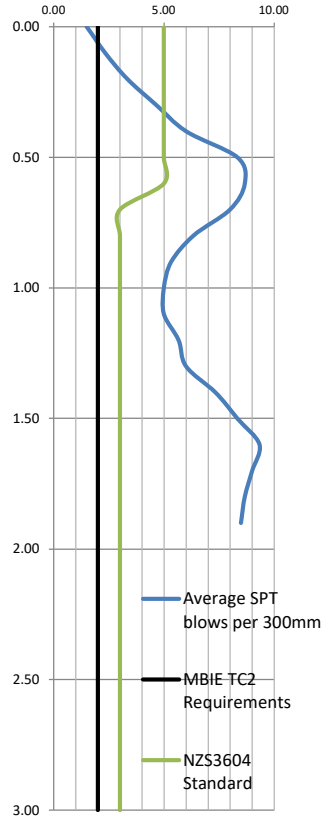
Date: 18/03/2026

Location: Rosemerryn, Stage 24B , Lot 968

Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
Topsoil		0.00 - 0.10	1	1.50	1.68
		0.01 - 0.20	2	2.33	3.65
		0.20 - 0.30	4	3.33	7.94
Sandy silt, Brown		0.30 - 0.40	4	4.67	7.94
		0.40 - 0.50	6	6.00	12.50
Sandy silt, Grey		0.50 - 0.60	8	8.33	17.25
		0.60 - 0.70	11	8.67	24.65
Refusal		0.70 - 0.80	7	8.00	14.86
		0.80 - 0.90	6	6.33	12.50
		0.90 - 1.00	6	5.33	12.50
		1.00 - 1.10	4	5.00	7.94
		1.10 - 1.20	5	5.00	10.19
		1.20 - 1.30	6	5.67	12.50
		1.30 - 1.40	6	6.00	12.50
		1.40 - 1.50	6	7.33	12.50
		1.50 - 1.60	10	8.33	22.15
		1.60 - 1.70	9	9.33	19.68
		1.70 - 1.80	9	9.00	19.68
		1.80 - 1.90	9	8.67	19.68
		1.90 - 2.00	8	8.50	17.25
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			

Blows Per 100mm
3 Blows/100mm = 300kPa
2 Blows/100mm = 200kPa



DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373

Project: Foundation Testing - Rosemerryn

SPT No: 3

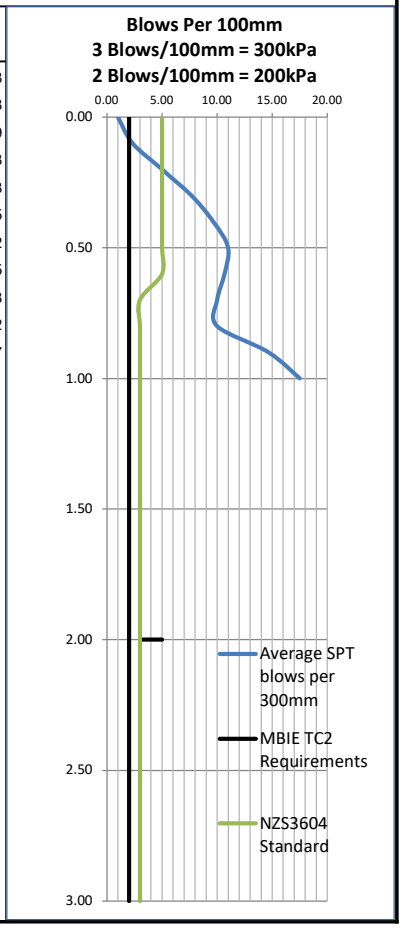
Stage 24B **Lot 968**

Date: 18/03/2026

Location: Rosemerryn, Stage 24B , Lot 968

Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
		0.00 - 0.10	1	1.00	1.68
		0.01 - 0.20	1	2.33	1.68
		0.20 - 0.30	5	5.00	10.19
		0.30 - 0.40	9	7.67	19.68
		0.40 - 0.50	9	9.67	19.68
		0.50 - 0.60	11	11.00	24.65
		0.60 - 0.70	13	10.67	29.72
		0.70 - 0.80	8	10.00	17.25
		0.80 - 0.90	9	10.00	19.68
		0.90 - 1.00	13	14.67	29.72
		1.00 - 1.10	22	17.50	53.57
		1.10 - 1.20			
		1.20 - 1.30			
		1.30 - 1.40			
		1.40 - 1.50			
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			

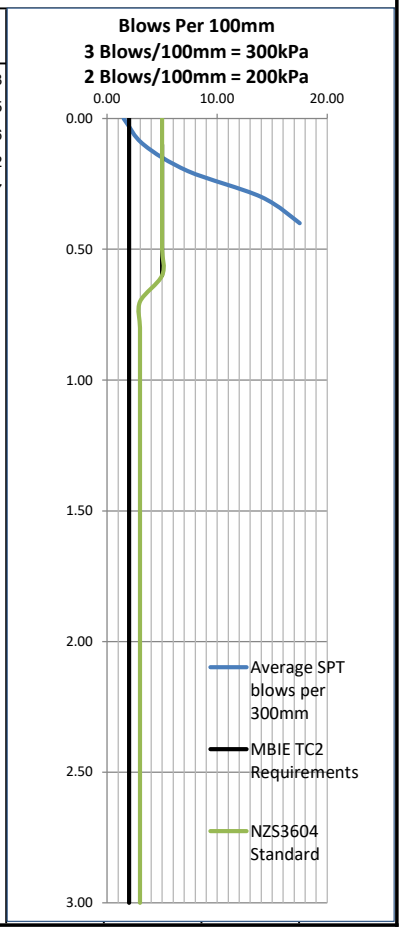


DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373
Project: Foundation Testing - Rosemerryn
SPT No: 4
Stage 24B Lot 968
Date: 18/03/2026
Location: Rosemerryn, Stage 24B , Lot 968
Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
Topsoil		0.00 - 0.10	1	1.50	1.68
		0.01 - 0.20	2	3.33	3.65
Sandy silt, Brown		0.20 - 0.30	7	7.33	14.86
		0.30 - 0.40	13	14.00	29.72
Refusal		0.40 - 0.50	22	17.50	53.57
		0.50 - 0.60			
		0.60 - 0.70			
		0.70 - 0.80			
		0.80 - 0.90			
		0.90 - 1.00			
		1.00 - 1.10			
		1.10 - 1.20			
		1.20 - 1.30			
		1.30 - 1.40			
		1.40 - 1.50			
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			



DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373

Project: Foundation Testing - Rosemerryn

SPT No: 1

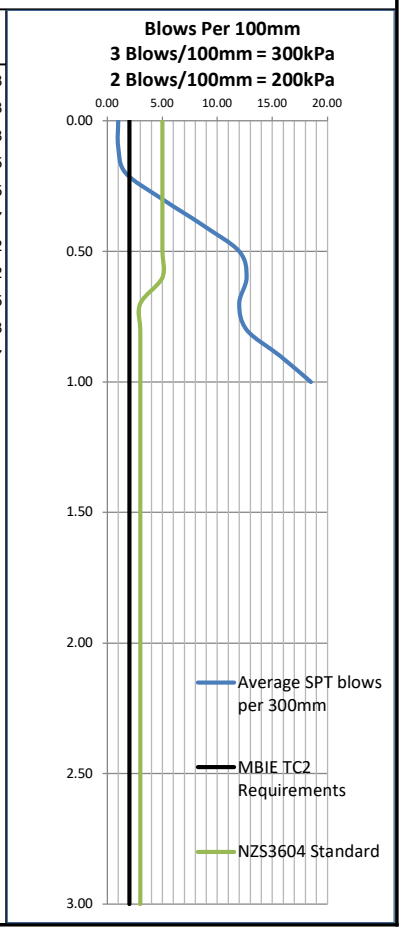
Stage 24B **Lot 969**

Date: 18/03/2026

Location: Rosemerryn, Stage 24B , Lot 969

Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
		0.00 - 0.10	1	1.00	1.68
		0.01 - 0.20	1	1.00	1.68
		0.20 - 0.30	1	1.67	1.68
		0.30 - 0.40	3	5.00	5.75
		0.40 - 0.50	11	8.67	24.65
		0.50 - 0.60	12	12.00	27.17
		0.60 - 0.70	13	12.67	29.72
		0.70 - 0.80	13	12.00	29.72
		0.80 - 0.90	10	12.67	22.15
		0.90 - 1.00	15	15.67	34.88
		1.00 - 1.10	22	18.50	53.57
		1.10 - 1.20			
		1.20 - 1.30			
		1.30 - 1.40			
		1.40 - 1.50			
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			



DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373

Project: Foundation Testing - Rosemerryn

SPT No: 2

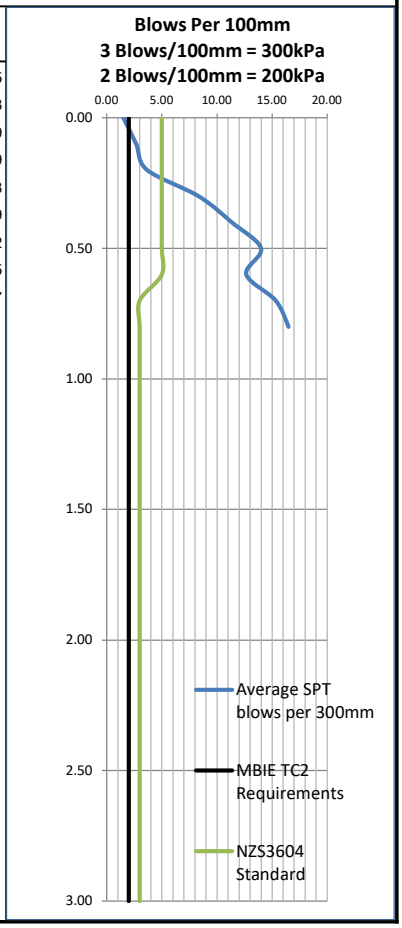
Stage 24B **Lot 969**

Date: 18/03/2026

Location: Rosemerryn, Stage 24B , Lot 969

Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
		0.00 - 0.10	2	1.50	3.65
		0.01 - 0.20	1	2.67	1.68
		0.20 - 0.30	5	3.67	10.19
		0.30 - 0.40	5	8.33	10.19
		0.40 - 0.50	15	11.33	34.88
		0.50 - 0.60	14	14.00	32.29
		0.60 - 0.70	13	12.67	29.72
		0.70 - 0.80	11	15.33	24.65
		0.80 - 0.90	22	16.50	53.57
		0.90 - 1.00			
		1.00 - 1.10			
		1.10 - 1.20			
		1.20 - 1.30			
		1.30 - 1.40			
		1.40 - 1.50			
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			



DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373

Project: Foundation Testing - Rosemerryn

SPT No: 3

Stage 24B **Lot 969**

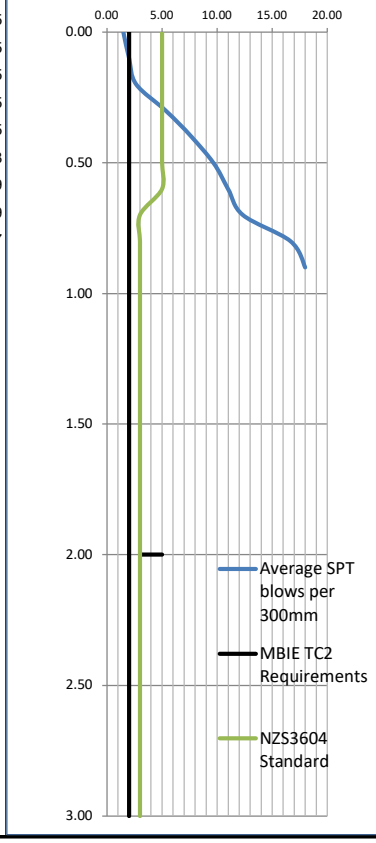
Date: 18/03/2026

Location: Rosemerryn, Stage 24B , Lot 969

Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
		0.00 - 0.10	1	1.50	1.68
		0.01 - 0.20	2	2.00	3.65
		0.20 - 0.30	3	2.67	5.75
		0.30 - 0.40	3	5.33	5.75
		0.40 - 0.50	10	7.67	22.15
		0.50 - 0.60	10	9.67	22.15
		0.60 - 0.70	9	11.00	19.68
		0.70 - 0.80	14	12.33	32.29
		0.80 - 0.90	14	16.67	32.29
		0.90 - 1.00	22	18.00	53.57
		1.00 - 1.10			
		1.10 - 1.20			
		1.20 - 1.30			
		1.30 - 1.40			
		1.40 - 1.50			
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			

Blows Per 100mm
3 Blows/100mm = 300kPa
2 Blows/100mm = 200kPa

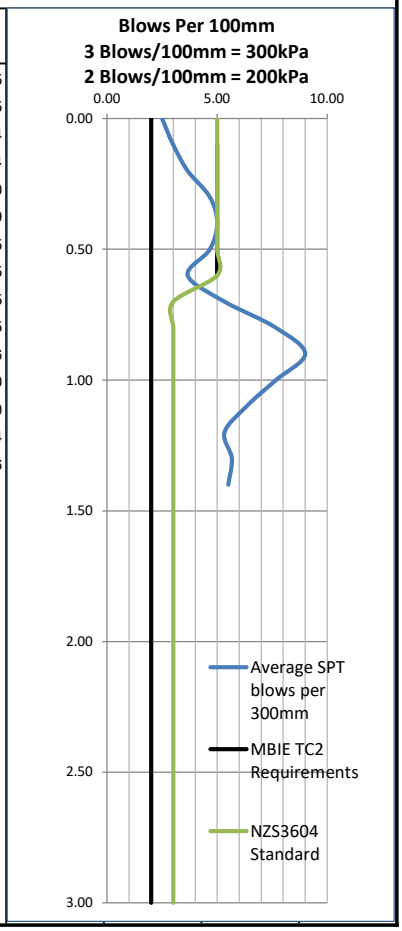


DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373
Project: Foundation Testing - Rosemerryn
SPT No: 4
Stage 24B Lot 969
Date: 23/03/2026
Location: Rosemerryn, Stage 24B , Lot 969
Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
Topsoil		0.00 - 0.10	2	2.50	3.65
		0.01 - 0.20	3	3.00	5.75
		0.20 - 0.30	4	3.67	7.94
Sandy silt, Grey		0.30 - 0.40	4	4.67	7.94
		0.40 - 0.50	6	5.00	12.50
		0.50 - 0.60	5	4.67	10.19
Sandy silt, Brown with Rust Stains		0.60 - 0.70	3	3.67	5.75
		0.70 - 0.80	3	5.33	5.75
		0.80 - 0.90	10	7.67	22.15
		0.90 - 1.00	10	9.00	22.15
		1.00 - 1.10	7	7.67	14.86
		1.10 - 1.20	6	6.33	12.50
Refusal		1.20 - 1.30	6	5.33	12.50
		1.30 - 1.40	4	5.67	7.94
		1.40 - 1.50	7	5.50	14.86
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			



DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373

Project: Foundation Testing - Rosemerryn

SPT No: 1

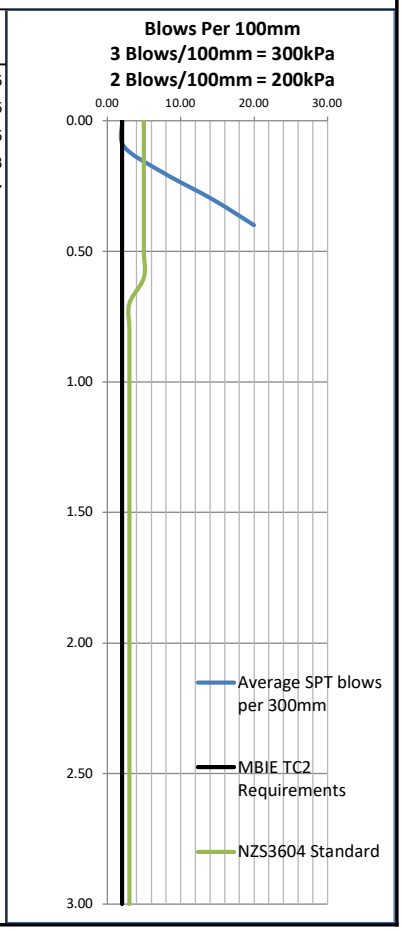
Stage 24B **Lot 970**

Date: 18/03/2026

Location: Rosemerryn, Stage 24B , Lot 970

Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
Topsoil		0.00 - 0.10	2	2.00	3.65
		0.01 - 0.20	2	2.33	3.65
		0.20 - 0.30	3	7.67	5.75
		0.30 - 0.40	18	14.33	42.78
Refusal		0.40 - 0.50	22	20.00	53.57
		0.50 - 0.60			
		0.60 - 0.70			
		0.70 - 0.80			
		0.80 - 0.90			
		0.90 - 1.00			
		1.00 - 1.10			
		1.10 - 1.20			
		1.20 - 1.30			
		1.30 - 1.40			
		1.40 - 1.50			
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			



DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373

Project: Foundation Testing - Rosemerryn

SPT No: 2

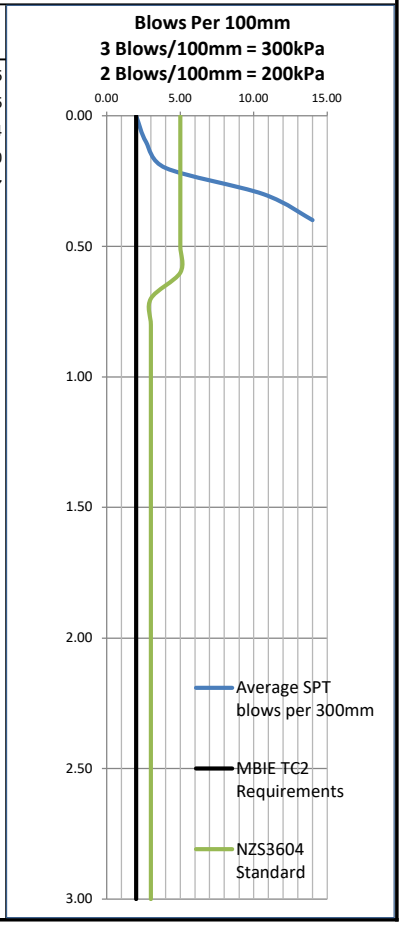
Stage 24B **Lot 970**

Date: 18/03/2026

Location: Rosemerryn, Stage 24B , Lot 970

Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
		0.00 - 0.10	2	2.00	3.65
		0.01 - 0.20	2	2.67	3.65
		0.20 - 0.30	4	4.00	7.94
		0.30 - 0.40	6	10.67	12.50
		0.40 - 0.50	22	14.00	53.57
		0.50 - 0.60			
		0.60 - 0.70			
		0.70 - 0.80			
		0.80 - 0.90			
		0.90 - 1.00			
		1.00 - 1.10			
		1.10 - 1.20			
		1.20 - 1.30			
		1.30 - 1.40			
		1.40 - 1.50			
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			



DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373

Project: Foundation Testing - Rosemerryn

SPT No: 3

Stage 24B **Lot 970**

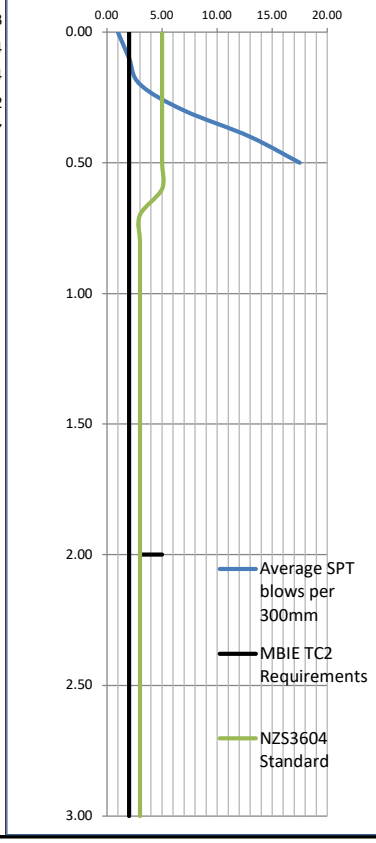
Date: 18/03/2026

Location: Rosemerryn, Stage 24B , Lot 970

Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
		0.00 - 0.10	1	1.00	1.68
		0.01 - 0.20	1	2.00	1.68
		0.20 - 0.30	4	3.00	7.94
		0.30 - 0.40	4	7.00	7.94
		0.40 - 0.50	13	13.00	29.72
		0.50 - 0.60	22	17.50	53.57
		0.60 - 0.70			
		0.70 - 0.80			
		0.80 - 0.90			
		0.90 - 1.00			
		1.00 - 1.10			
		1.10 - 1.20			
		1.20 - 1.30			
		1.30 - 1.40			
		1.40 - 1.50			
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			

Blows Per 100mm
3 Blows/100mm = 300kPa
2 Blows/100mm = 200kPa

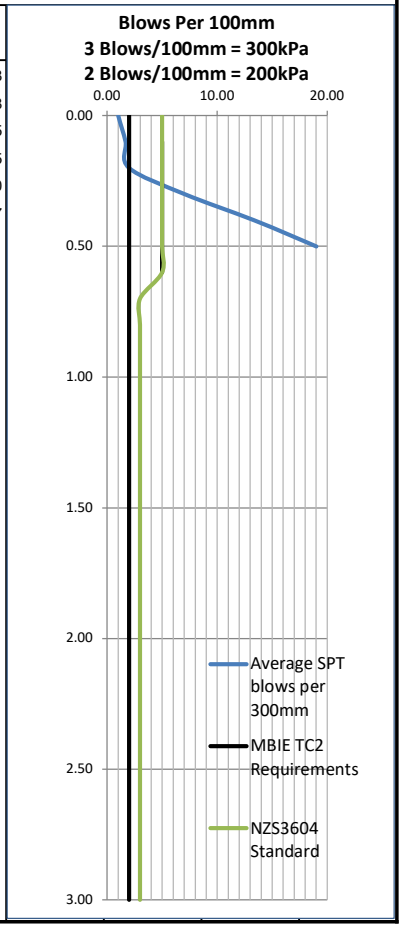


DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373
Project: Foundation Testing - Rosemerryn
SPT No: 4
Stage 24B Lot 970
Date: 18/03/2026
Location: Rosemerryn, Stage 24B , Lot 970
Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
		0.00 - 0.10	1	1.00	1.68
		0.01 - 0.20	1	1.67	1.68
		0.20 - 0.30	3	2.00	5.75
		0.30 - 0.40	2	7.00	3.65
		0.40 - 0.50	16	13.33	37.50
		0.50 - 0.60	22	19.00	53.57
		0.60 - 0.70			
		0.70 - 0.80			
		0.80 - 0.90			
		0.90 - 1.00			
		1.00 - 1.10			
		1.10 - 1.20			
		1.20 - 1.30			
		1.30 - 1.40			
		1.40 - 1.50			
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			



DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373

Project: Foundation Testing - Rosemerryn

SPT No: 1

Stage 24A **Lot 973**

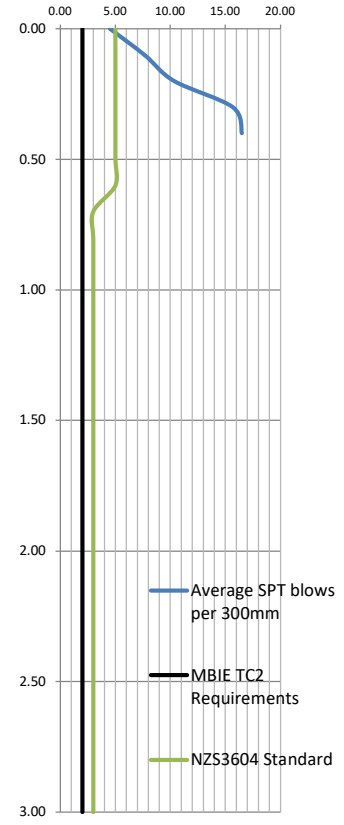
Date: 18/03/2026

Location: Rosemerryn, Stage 24A , Lot 973

Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
		0.00 - 0.10	3	4.50	5.75
		0.01 - 0.20	6	7.67	12.50
		0.20 - 0.30	14	10.33	32.29
		0.30 - 0.40	11	15.67	24.65
		0.40 - 0.50	22	16.50	53.57
		0.50 - 0.60			
		0.60 - 0.70			
		0.70 - 0.80			
		0.80 - 0.90			
		0.90 - 1.00			
		1.00 - 1.10			
		1.10 - 1.20			
		1.20 - 1.30			
		1.30 - 1.40			
		1.40 - 1.50			
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			

Blows Per 100mm
3 Blows/100mm = 300kPa
2 Blows/100mm = 200kPa



DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373

Project: Foundation Testing - Rosemerryn

SPT No: 2

Stage 24A **Lot 973**

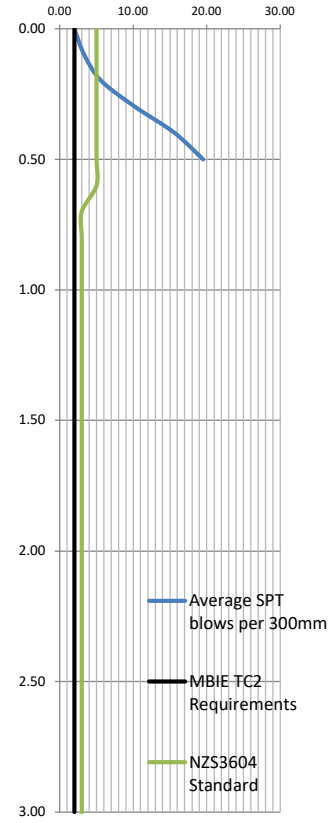
Date: 18/03/2026

Location: Rosemerryn, Stage 24A , Lot 973

Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
		0.00 - 0.10	1	2.00	1.68
		0.01 - 0.20	3	3.33	5.75
		0.20 - 0.30	6	5.67	12.50
		0.30 - 0.40	8	10.33	17.25
		0.40 - 0.50	17	15.67	40.13
		0.50 - 0.60	22	19.50	53.57
		0.60 - 0.70			
		0.70 - 0.80			
		0.80 - 0.90			
		0.90 - 1.00			
		1.00 - 1.10			
		1.10 - 1.20			
		1.20 - 1.30			
		1.30 - 1.40			
		1.40 - 1.50			
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			

Blows Per 100mm
3 Blows/100mm = 300kPa
2 Blows/100mm = 200kPa



DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373

Project: Foundation Testing - Rosemerryn

SPT No: 3

Stage 24A **Lot 973**

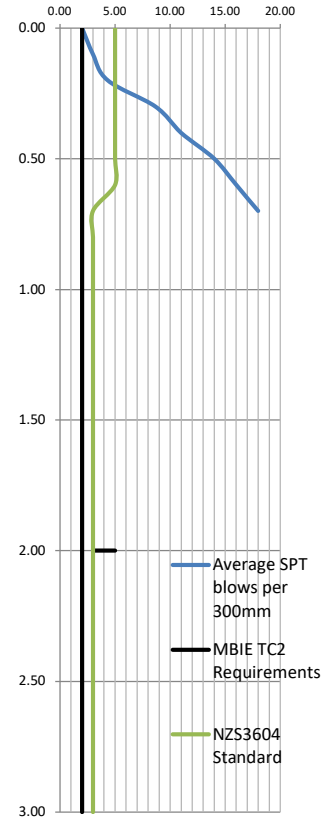
Date: 18/03/2026

Location: Rosemerryn, Stage 24A , Lot 973

Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
		0.00 - 0.10	1	2.00	1.68
		0.01 - 0.20	3	3.00	5.75
		0.20 - 0.30	5	4.33	10.19
		0.30 - 0.40	5	8.67	10.19
		0.40 - 0.50	16	11.00	37.50
		0.50 - 0.60	12	14.00	27.17
		0.60 - 0.70	14	16.00	32.29
		0.70 - 0.80	22	18.00	53.57
		0.80 - 0.90			
		0.90 - 1.00			
		1.00 - 1.10			
		1.10 - 1.20			
		1.20 - 1.30			
		1.30 - 1.40			
		1.40 - 1.50			
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			

Blows Per 100mm
3 Blows/100mm = 300kPa
2 Blows/100mm = 200kPa

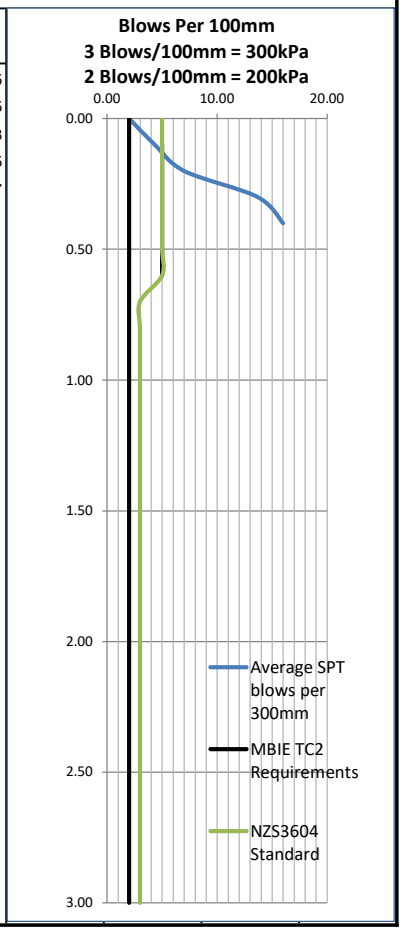


DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373
Project: Foundation Testing - Rosemerryn
SPT No: 4
Stage 24A Lot 973
Date: 18/03/2026
Location: Rosemerryn, Stage 24A , Lot 973
Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
Topsoil		0.00 - 0.10	2	2.00	3.65
		0.01 - 0.20	2	4.33	3.65
		0.20 - 0.30	9	7.00	19.68
Sandy silt, Brown		0.30 - 0.40	10	13.67	22.15
Refusal		0.40 - 0.50	22	16.00	53.57
		0.50 - 0.60			
		0.60 - 0.70			
		0.70 - 0.80			
		0.80 - 0.90			
		0.90 - 1.00			
		1.00 - 1.10			
		1.10 - 1.20			
		1.20 - 1.30			
		1.30 - 1.40			
		1.40 - 1.50			
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			



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PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373

Project: Foundation Testing - Rosemerryn

SPT No: 1

Stage 24A **Lot 974**

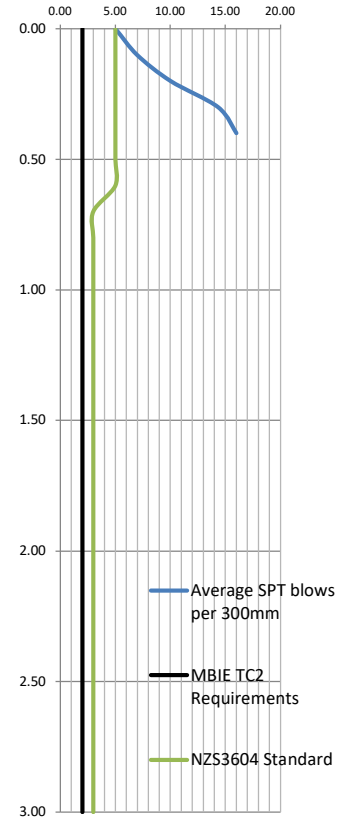
Date: 18/03/2026

Location: Rosemerryn, Stage 24A , Lot 974

Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
Topsoil		0.00 - 0.10	1	5.00	1.68
		0.01 - 0.20	9	7.00	19.68
		0.20 - 0.30	11	10.00	24.65
Refusal		0.30 - 0.40	10	14.33	22.15
		0.40 - 0.50	22	16.00	53.57
		0.50 - 0.60			
		0.60 - 0.70			
		0.70 - 0.80			
		0.80 - 0.90			
		0.90 - 1.00			
		1.00 - 1.10			
		1.10 - 1.20			
		1.20 - 1.30			
		1.30 - 1.40			
		1.40 - 1.50			
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			

Blows Per 100mm
3 Blows/100mm = 300kPa
2 Blows/100mm = 200kPa



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PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373

Project: Foundation Testing - Rosemerryn

SPT No: 2

Stage 24A **Lot 974**

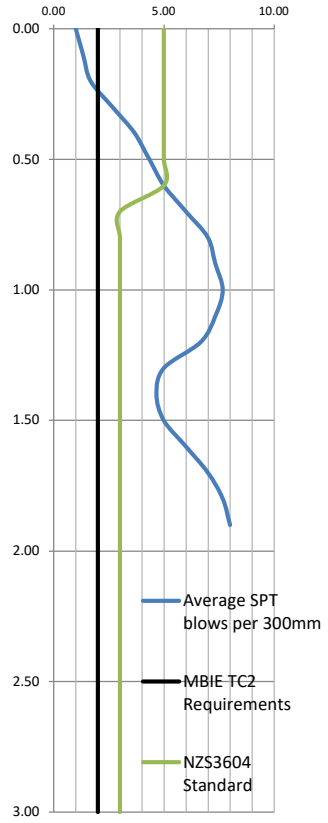
Date: 18/03/2026

Location: Rosemerryn, Stage 24A , Lot 974

Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
		0.00 - 0.10	1	1.00	1.68
		0.01 - 0.20	1	1.33	1.68
		0.20 - 0.30	2	1.67	3.65
		0.30 - 0.40	2	2.67	3.65
		0.40 - 0.50	4	3.67	7.94
		0.50 - 0.60	5	4.33	10.19
		0.60 - 0.70	4	5.00	7.94
		0.70 - 0.80	6	6.00	12.50
		0.80 - 0.90	8	7.00	17.25
		0.90 - 1.00	7	7.33	14.86
		1.00 - 1.10	7	7.67	14.86
		1.10 - 1.20	9	7.33	19.68
		1.20 - 1.30	6	6.67	12.50
		1.30 - 1.40	5	5.00	10.19
		1.40 - 1.50	4	4.67	7.94
		1.50 - 1.60	5	5.00	10.19
		1.60 - 1.70	6	6.00	12.50
		1.70 - 1.80	7	7.00	14.86
		1.80 - 1.90	8	7.67	17.25
		1.90 - 2.00	8	8.00	17.25
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			

Blows Per 100mm
3 Blows/100mm = 300kPa
2 Blows/100mm = 200kPa



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PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373

Project: Foundation Testing - Rosemerryn

SPT No: 3

Stage 24A **Lot 974**

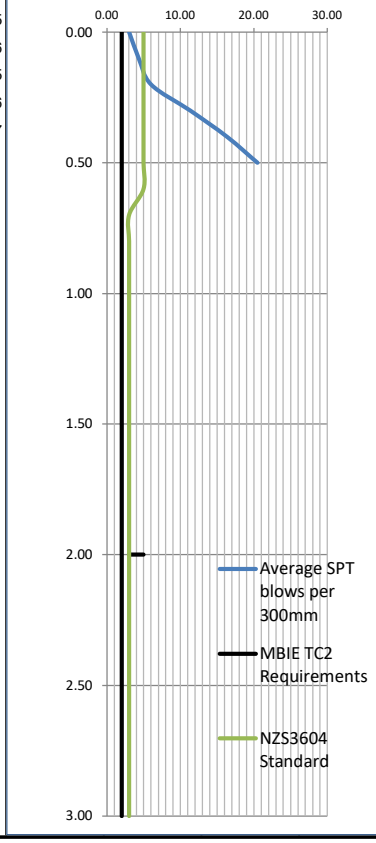
Date: 18/03/2026

Location: Rosemerryn, Stage 24A , Lot 974

Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
Topsoil		0.00 - 0.10	3	3.00	5.75
		0.01 - 0.20	3	4.33	5.75
Sandy silt, Grey		0.20 - 0.30	7	6.00	14.86
		0.30 - 0.40	8	11.33	17.25
Refusal		0.40 - 0.50	19	16.33	45.46
		0.50 - 0.60	22	20.50	53.57
		0.60 - 0.70			
		0.70 - 0.80			
		0.80 - 0.90			
		0.90 - 1.00			
		1.00 - 1.10			
		1.10 - 1.20			
		1.20 - 1.30			
		1.30 - 1.40			
		1.40 - 1.50			
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			

Blows Per 100mm
3 Blows/100mm = 300kPa
2 Blows/100mm = 200kPa

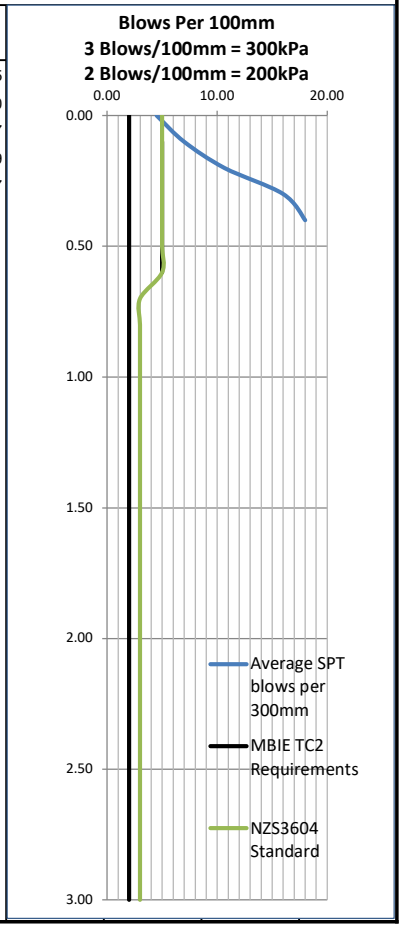


DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373
Project: Foundation Testing - Rosemerryn
SPT No: 4
Stage 24A Lot 974
Date: 18/03/2026
Location: Rosemerryn, Stage 24A , Lot 974
Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
		0.00 - 0.10	3	4.50	5.75
		0.01 - 0.20	6	7.00	12.50
		0.20 - 0.30	12	10.67	27.17
		0.30 - 0.40	14	16.00	32.29
		0.40 - 0.50	22	18.00	53.57
		0.50 - 0.60			
		0.60 - 0.70			
		0.70 - 0.80			
		0.80 - 0.90			
		0.90 - 1.00			
		1.00 - 1.10			
		1.10 - 1.20			
		1.20 - 1.30			
		1.30 - 1.40			
		1.40 - 1.50			
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			



DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373

Project: Foundation Testing - Rosemerryn

SPT No: 1

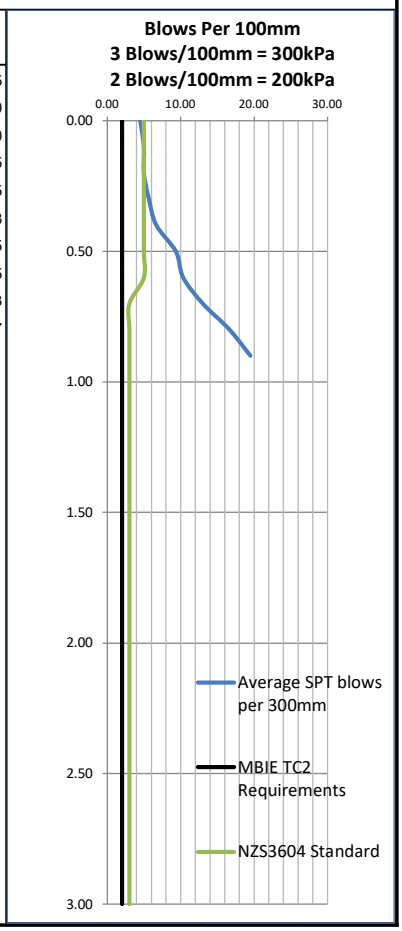
Stage 24A **Lot 975**

Date: 18/03/2026

Location: Rosemerryn, Stage 24A , Lot 975

Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
Topsoil		0.00 - 0.10	3	4.50	5.75
		0.01 - 0.20	6	5.00	12.50
		0.20 - 0.30	6	5.00	12.50
Sandy silt, Grey		0.30 - 0.40	3	5.67	5.75
		0.40 - 0.50	8	6.67	17.25
		0.50 - 0.60	9	9.33	19.68
		0.60 - 0.70	11	10.33	24.65
Refusal		0.70 - 0.80	11	13.00	24.65
		0.80 - 0.90	17	16.67	40.13
		0.90 - 1.00	22	19.50	53.57
		1.00 - 1.10			
		1.10 - 1.20			
		1.20 - 1.30			
		1.30 - 1.40			
		1.40 - 1.50			
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			



DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373

Project: Foundation Testing - Rosemerryn

SPT No: 2

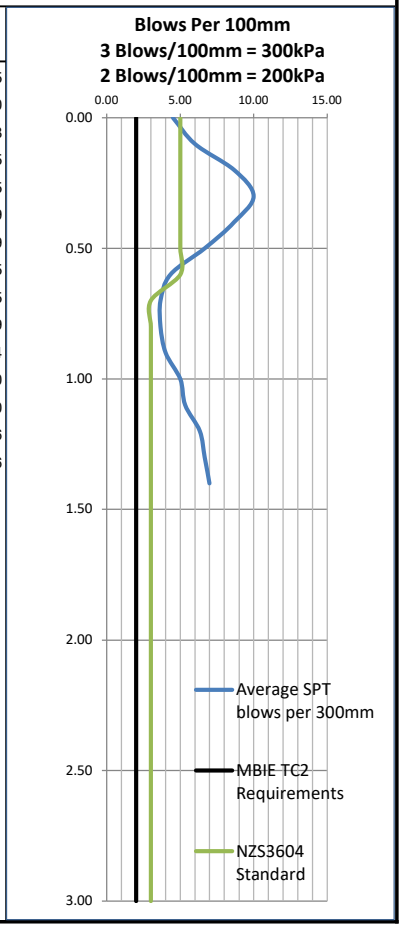
Stage 24A **Lot 975**

Date: 23/03/2026

Location: Rosemerryn, Stage 24A , Lot 975

Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
		0.00 - 0.10	3	4.50	5.75
		0.01 - 0.20	6	6.00	12.50
		0.20 - 0.30	9	8.67	19.68
		0.30 - 0.40	11	10.00	24.65
		0.40 - 0.50	10	8.67	22.15
		0.50 - 0.60	5	6.67	10.19
		0.60 - 0.70	5	4.33	10.19
		0.70 - 0.80	3	3.67	5.75
		0.80 - 0.90	3	3.67	5.75
		0.90 - 1.00	5	4.00	10.19
		1.00 - 1.10	4	5.00	7.94
		1.10 - 1.20	6	5.33	12.50
		1.20 - 1.30	6	6.33	12.50
		1.30 - 1.40	7	6.67	14.86
		1.40 - 1.50	7	7.00	14.86
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			



DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373

Project: Foundation Testing - Rosemerryn

SPT No: 3

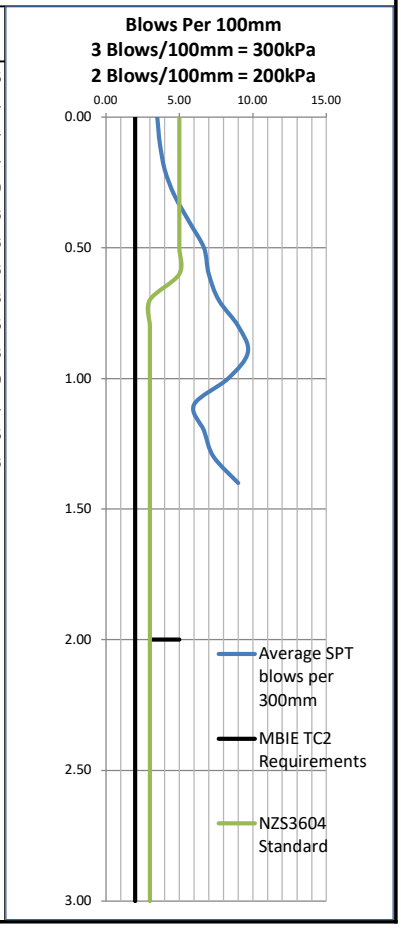
Stage 24A **Lot 975**

Date: 18/03/2026

Location: Rosemerryn, Stage 24A , Lot 975

Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
		0.00 - 0.10	3	3.50	5.75
		0.01 - 0.20	4	3.67	7.94
		0.20 - 0.30	4	4.00	7.94
		0.30 - 0.40	4	4.67	7.94
		0.40 - 0.50	6	5.67	12.50
		0.50 - 0.60	7	6.67	14.86
		0.60 - 0.70	7	7.00	14.86
		0.70 - 0.80	7	7.67	14.86
		0.80 - 0.90	9	9.00	19.68
		0.90 - 1.00	11	9.67	24.65
		1.00 - 1.10	9	8.33	19.68
		1.10 - 1.20	5	6.00	10.19
		1.20 - 1.30	4	6.67	7.94
		1.30 - 1.40	11	7.33	24.65
		1.40 - 1.50	7	9.00	14.86
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			



DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373

Project: Foundation Testing - Rosemerryn

SPT No: 4

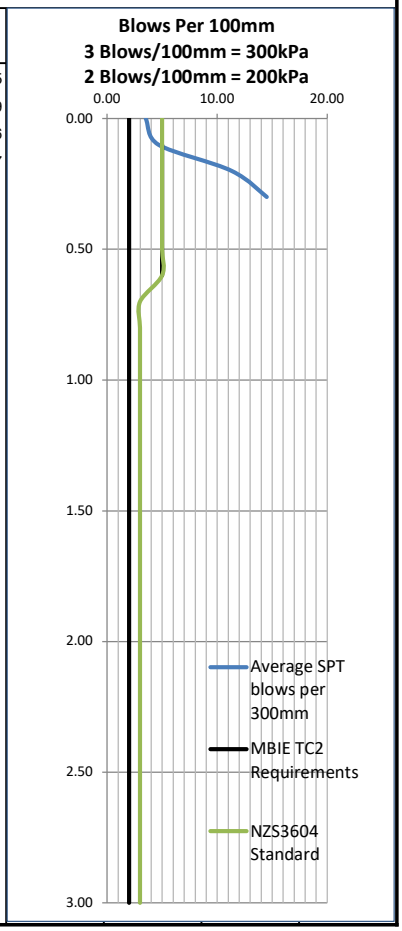
Stage 24A **Lot 975**

Date: 18/03/2026

Location: Rosemerryn, Stage 24A , Lot 975

Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
		0.00 - 0.10	2	3.50	3.65
		0.01 - 0.20	5	4.67	10.19
		0.20 - 0.30	7	11.33	14.86
		0.30 - 0.40	22	14.50	53.57
		0.40 - 0.50			
		0.50 - 0.60			
		0.60 - 0.70			
		0.70 - 0.80			
		0.80 - 0.90			
		0.90 - 1.00			
		1.00 - 1.10			
		1.10 - 1.20			
		1.20 - 1.30			
		1.30 - 1.40			
		1.40 - 1.50			
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			



DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373

Project: Foundation Testing - Rosemerryn

SPT No: 1

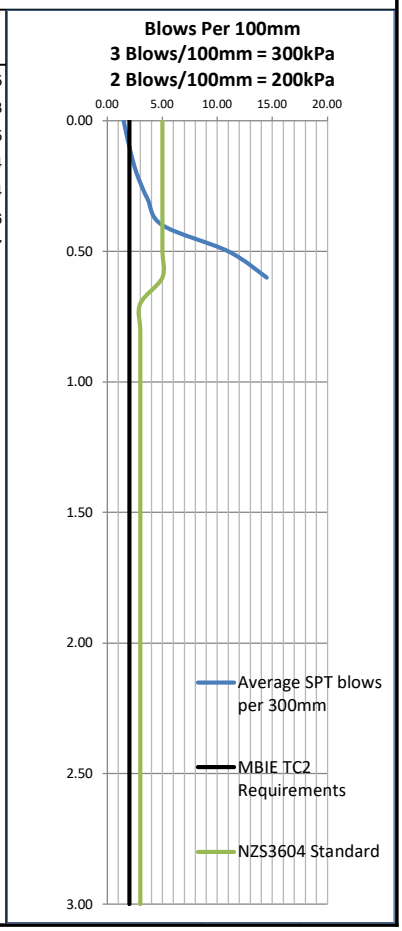
Stage 24A **Lot 976**

Date: 18/03/2026

Location: Rosemerryn, Stage 24A , Lot 976

Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
Topsoil		0.00 - 0.10	2	1.50	3.65
		0.01 - 0.20	1	2.00	1.68
		0.20 - 0.30	3	2.67	5.75
		0.30 - 0.40	4	3.67	7.94
Sandy silt, Brown		0.40 - 0.50	4	5.00	7.94
		0.50 - 0.60	7	11.00	14.86
Refusal		0.60 - 0.70	22	14.50	53.57
		0.70 - 0.80			
		0.80 - 0.90			
		0.90 - 1.00			
		1.00 - 1.10			
		1.10 - 1.20			
		1.20 - 1.30			
		1.30 - 1.40			
		1.40 - 1.50			
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			



DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373

Project: Foundation Testing - Rosemerryn

SPT No: 2

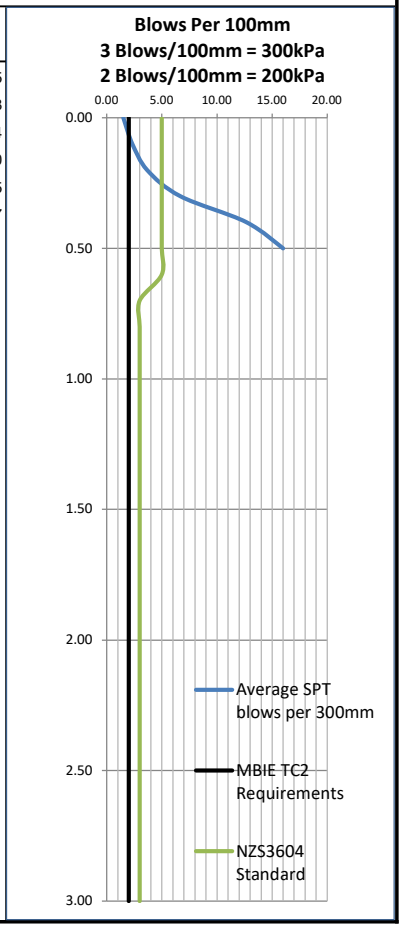
Stage 24A **Lot 976**

Date: 18/03/2026

Location: Rosemerryn, Stage 24A , Lot 976

Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
		0.00 - 0.10	2	1.50	3.65
		0.01 - 0.20	1	2.33	1.68
		0.20 - 0.30	4	3.67	7.94
		0.30 - 0.40	6	6.67	12.50
		0.40 - 0.50	10	12.67	22.15
		0.50 - 0.60	22	16.00	53.57
		0.60 - 0.70			
		0.70 - 0.80			
		0.80 - 0.90			
		0.90 - 1.00			
		1.00 - 1.10			
		1.10 - 1.20			
		1.20 - 1.30			
		1.30 - 1.40			
		1.40 - 1.50			
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			



DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373

Project: Foundation Testing - Rosemerryn

SPT No: 3

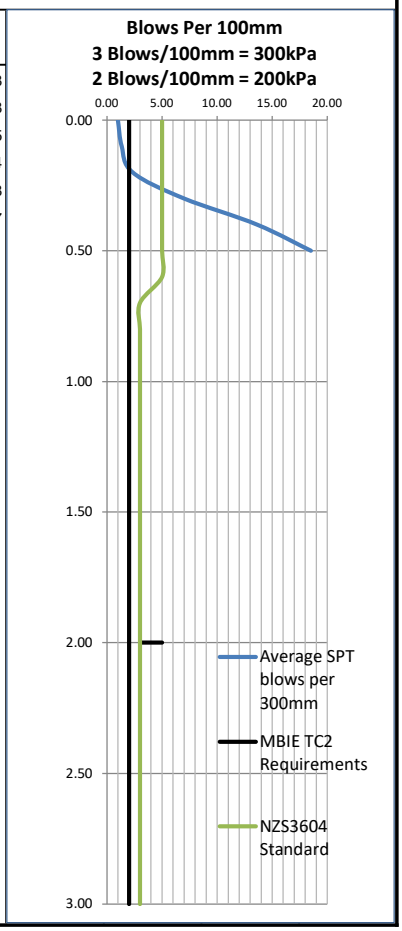
Stage 24A **Lot 976**

Date: 18/03/2026

Location: Rosemerryn, Stage 24A , Lot 976

Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
Topsoil		0.00 - 0.10	1	1.00	1.68
		0.01 - 0.20	1	1.33	1.68
		0.20 - 0.30	2	2.33	3.65
Sandy silt, Brown		0.30 - 0.40	4	7.00	7.94
Refusal		0.40 - 0.50	15	13.67	34.88
		0.50 - 0.60	22	18.50	53.57
		0.60 - 0.70			
		0.70 - 0.80			
		0.80 - 0.90			
		0.90 - 1.00			
		1.00 - 1.10			
		1.10 - 1.20			
		1.20 - 1.30			
		1.30 - 1.40			
		1.40 - 1.50			
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			



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PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373

Project: Foundation Testing - Rosemerryn

SPT No: 4

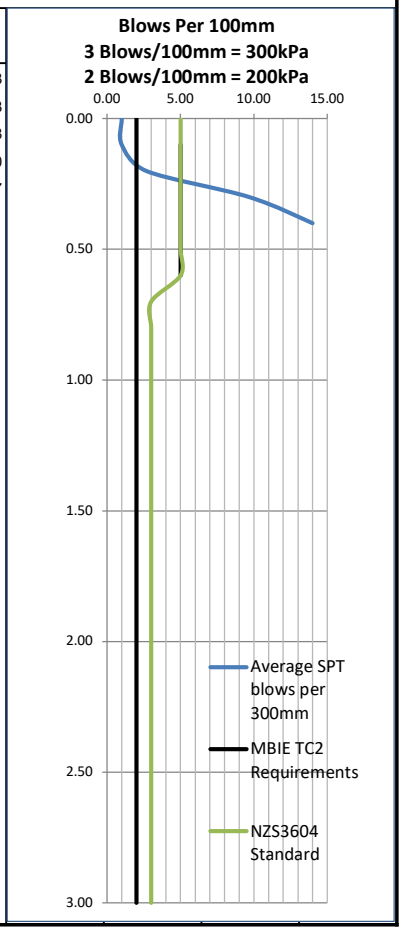
Stage 24A **Lot 976**

Date: 18/03/2026

Location: Rosemerryn, Stage 24A , Lot 976

Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
		0.00 - 0.10	1	1.00	1.68
		0.01 - 0.20	1	1.00	1.68
		0.20 - 0.30	1	2.67	1.68
		0.30 - 0.40	6	9.67	12.50
		0.40 - 0.50	22	14.00	53.57
		0.50 - 0.60			
		0.60 - 0.70			
		0.70 - 0.80			
		0.80 - 0.90			
		0.90 - 1.00			
		1.00 - 1.10			
		1.10 - 1.20			
		1.20 - 1.30			
		1.30 - 1.40			
		1.40 - 1.50			
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			



DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373

Project: Foundation Testing - Rosemerryn

SPT No: 1

Stage 24A **Lot 977**

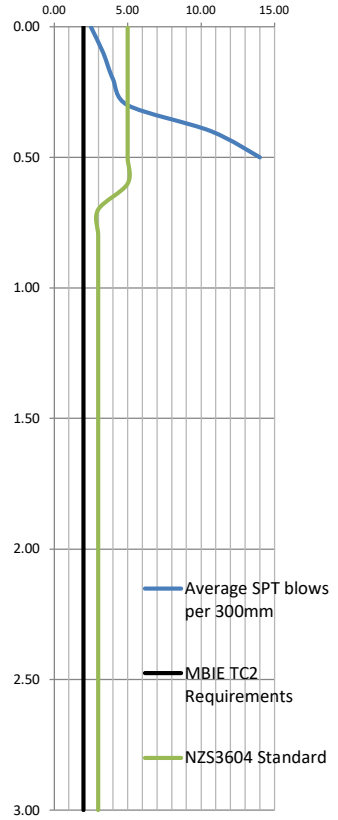
Date: 18/03/2026

Location: Rosemerryn, Stage 24A , Lot 977

Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
Topsoil		0.00 - 0.10	2	2.50	3.65
		0.01 - 0.20	3	3.33	5.75
		0.20 - 0.30	5	4.00	10.19
Sandy silt, Brown		0.30 - 0.40	4	5.00	7.94
		0.40 - 0.50	6	10.67	12.50
Refusal		0.50 - 0.60	22	14.00	53.57
		0.60 - 0.70			
		0.70 - 0.80			
		0.80 - 0.90			
		0.90 - 1.00			
		1.00 - 1.10			
		1.10 - 1.20			
		1.20 - 1.30			
		1.30 - 1.40			
		1.40 - 1.50			
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			

Blows Per 100mm
3 Blows/100mm = 300kPa
2 Blows/100mm = 200kPa



DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373

Project: Foundation Testing - Rosemerryn

SPT No: 2

Stage 24A **Lot 977**

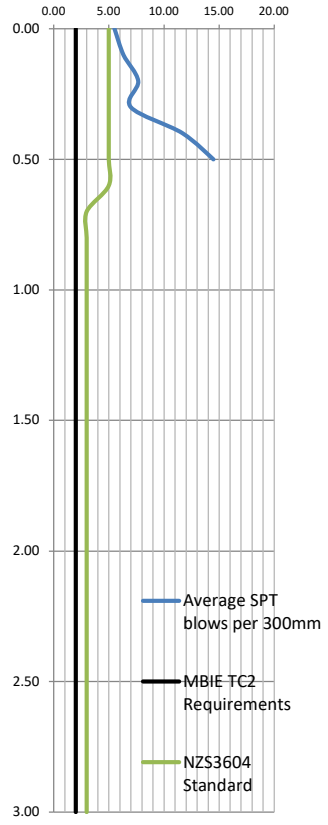
Date: 18/03/2026

Location: Rosemerryn, Stage 24A , Lot 977

Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
		0.00 - 0.10	2	5.50	3.65
		0.01 - 0.20	9	6.33	19.68
		0.20 - 0.30	8	7.67	17.25
		0.30 - 0.40	6	7.00	12.50
		0.40 - 0.50	7	11.67	14.86
		0.50 - 0.60	22	14.50	53.57
		0.60 - 0.70			
		0.70 - 0.80			
		0.80 - 0.90			
		0.90 - 1.00			
		1.00 - 1.10			
		1.10 - 1.20			
		1.20 - 1.30			
		1.30 - 1.40			
		1.40 - 1.50			
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			

Blows Per 100mm
3 Blows/100mm = 300kPa
2 Blows/100mm = 200kPa



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PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373

Project: Foundation Testing - Rosemerryn

SPT No: 3

Stage 24A **Lot 977**

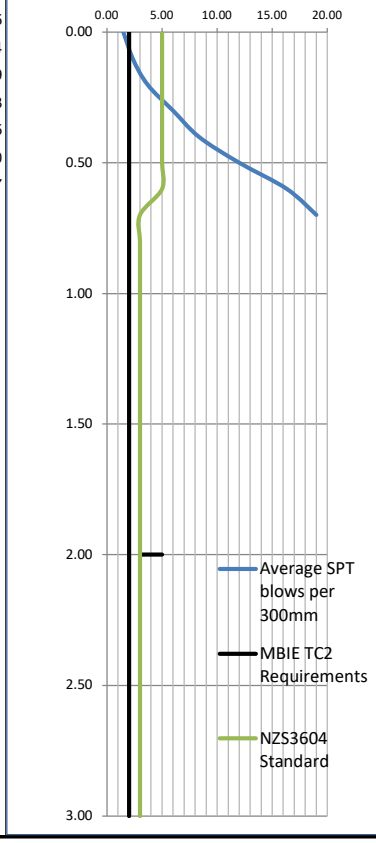
Date: 18/03/2026

Location: Rosemerryn, Stage 24A , Lot 977

Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
		0.00 - 0.10	1	1.50	1.68
		0.01 - 0.20	2	2.33	3.65
		0.20 - 0.30	4	3.67	7.94
		0.30 - 0.40	5	6.00	10.19
		0.40 - 0.50	9	8.33	19.68
		0.50 - 0.60	11	12.00	24.65
		0.60 - 0.70	16	16.33	37.50
		0.70 - 0.80	22	19.00	53.57
		0.80 - 0.90			
		0.90 - 1.00			
		1.00 - 1.10			
		1.10 - 1.20			
		1.20 - 1.30			
		1.30 - 1.40			
		1.40 - 1.50			
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			

Blows Per 100mm
3 Blows/100mm = 300kPa
2 Blows/100mm = 200kPa



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PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373

Project: Foundation Testing - Rosemerryn

SPT No: 4

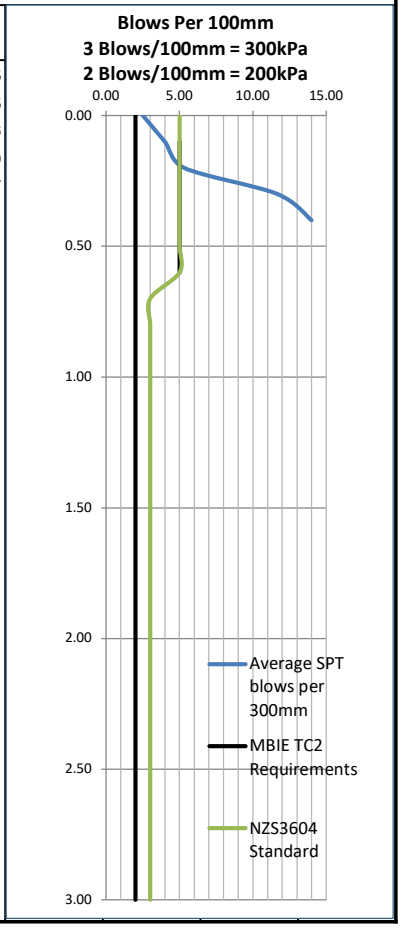
Stage 24A **Lot 977**

Date: 18/03/2026

Location: Rosemerryn, Stage 24A , Lot 977

Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
		0.00 - 0.10	2	2.50	3.65
		0.01 - 0.20	3	4.00	5.75
		0.20 - 0.30	7	5.33	14.86
		0.30 - 0.40	6	11.67	12.50
		0.40 - 0.50	22	14.00	53.57
		0.50 - 0.60			
		0.60 - 0.70			
		0.70 - 0.80			
		0.80 - 0.90			
		0.90 - 1.00			
		1.00 - 1.10			
		1.10 - 1.20			
		1.20 - 1.30			
		1.30 - 1.40			
		1.40 - 1.50			
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			



DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373

Project: Foundation Testing - Rosemerryn

SPT No: 1

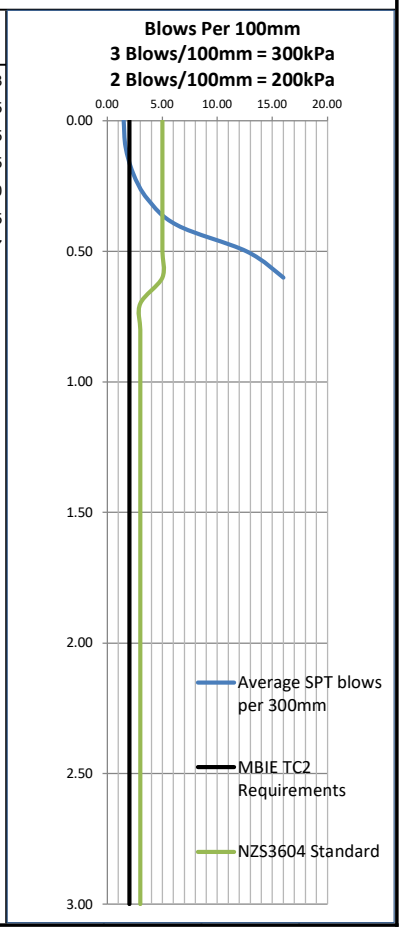
Stage 24A **Lot 978**

Date: 18/03/2026

Location: Rosemerryn, Stage 24A , Lot 978

Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
Topsoil		0.00 - 0.10	1	1.50	1.68
		0.01 - 0.20	2	1.67	3.65
		0.20 - 0.30	2	2.33	3.65
		0.30 - 0.40	3	3.67	5.75
Sandy silt, Brown		0.40 - 0.50	6	6.33	12.50
		0.50 - 0.60	10	12.67	22.15
Refusal		0.60 - 0.70	22	16.00	53.57
		0.70 - 0.80			
		0.80 - 0.90			
		0.90 - 1.00			
		1.00 - 1.10			
		1.10 - 1.20			
		1.20 - 1.30			
		1.30 - 1.40			
		1.40 - 1.50			
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			



DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373

Project: Foundation Testing - Rosemerryn

SPT No: 2

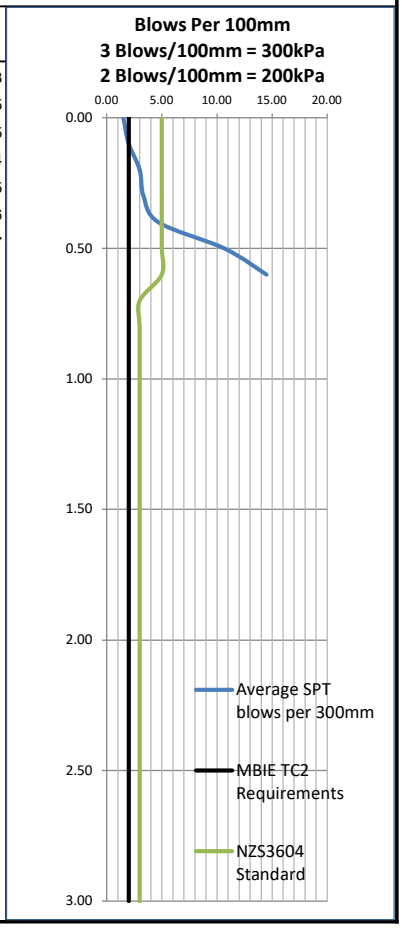
Stage 24A **Lot 978**

Date: 18/03/2026

Location: Rosemerryn, Stage 24A , Lot 978

Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
		0.00 - 0.10	1	1.50	1.68
		0.01 - 0.20	2	2.00	3.65
		0.20 - 0.30	3	3.00	5.75
		0.30 - 0.40	4	3.33	7.94
		0.40 - 0.50	3	4.67	5.75
		0.50 - 0.60	7	10.67	14.86
		0.60 - 0.70	22	14.50	53.57
		0.70 - 0.80			
		0.80 - 0.90			
		0.90 - 1.00			
		1.00 - 1.10			
		1.10 - 1.20			
		1.20 - 1.30			
		1.30 - 1.40			
		1.40 - 1.50			
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			



DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373

Project: Foundation Testing - Rosemerryn

SPT No: 3

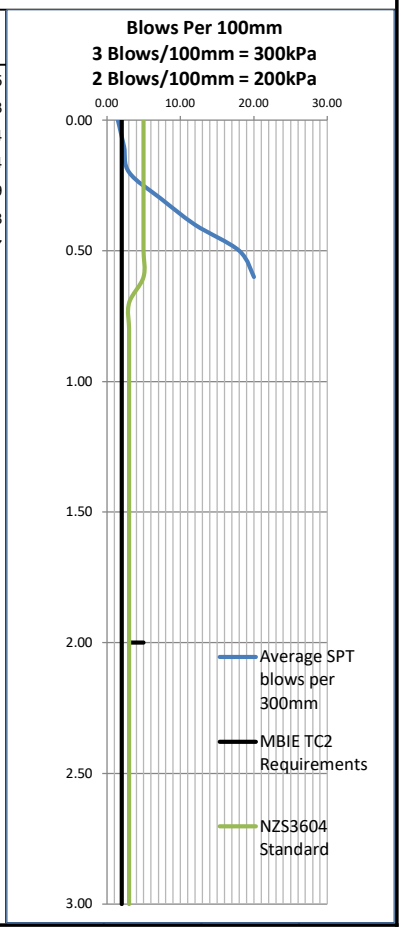
Stage 24A **Lot 978**

Date: 18/03/2026

Location: Rosemerryn, Stage 24A , Lot 978

Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
Topsoil		0.00 - 0.10	2	1.50	3.65
		0.01 - 0.20	1	2.33	1.68
		0.20 - 0.30	4	3.00	7.94
Sandy silt, Brown		0.30 - 0.40	4	7.33	7.94
		0.40 - 0.50	14	12.00	32.29
Refusal		0.50 - 0.60	18	18.00	42.78
		0.60 - 0.70	22	20.00	53.57
		0.70 - 0.80			
		0.80 - 0.90			
		0.90 - 1.00			
		1.00 - 1.10			
		1.10 - 1.20			
		1.20 - 1.30			
		1.30 - 1.40			
		1.40 - 1.50			
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			



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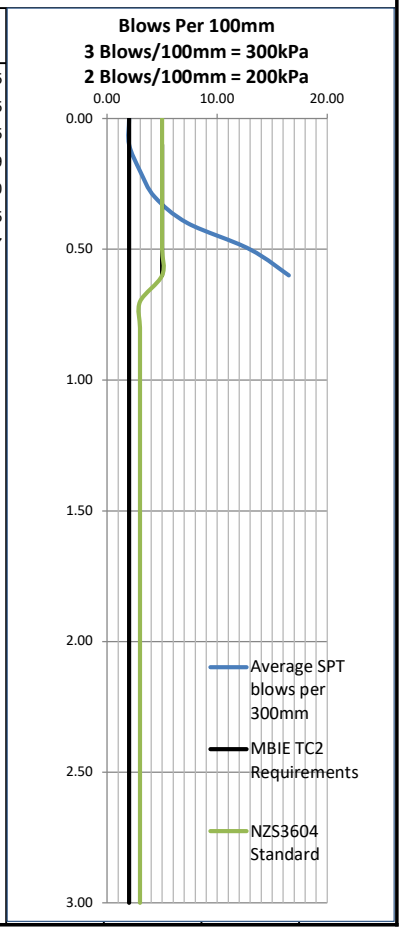
PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373
Project: Foundation Testing - Rosemerryn
SPT No: 4
Stage 24A **Lot 978**
Date: 18/03/2026
Location: Rosemerryn, Stage 24A , Lot 978
Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
		0.00 - 0.10	2	2.00	3.65
		0.01 - 0.20	2	2.00	3.65
		0.20 - 0.30	2	3.00	3.65
		0.30 - 0.40	5	4.33	10.19
		0.40 - 0.50	6	7.33	12.50
		0.50 - 0.60	11	13.00	24.65
		0.60 - 0.70	22	16.50	53.57
		0.70 - 0.80			
		0.80 - 0.90			
		0.90 - 1.00			
		1.00 - 1.10			
		1.10 - 1.20			
		1.20 - 1.30			
		1.30 - 1.40			
		1.40 - 1.50			
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			



DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373

Project: Foundation Testing - Rosemerryn

SPT No: 1

Stage 24A **Lot 978**

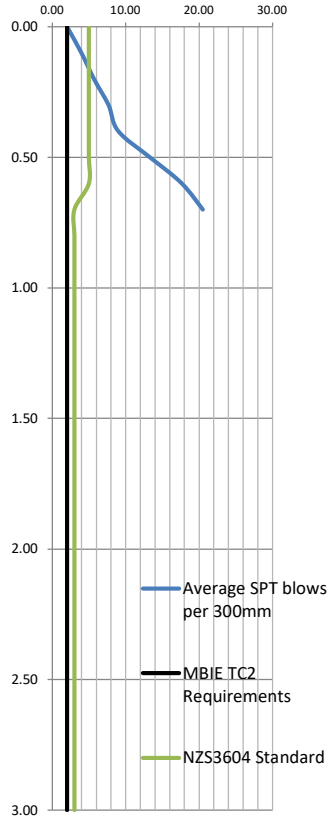
Date: 18/03/2026

Location: Rosemerryn, Stage 24A , Lot 978

Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
Topsoil		0.00 - 0.10	1	2.00	1.68
		0.01 - 0.20	3	4.00	5.75
		0.20 - 0.30	8	5.67	17.25
Sandy silt, Brown		0.30 - 0.40	6	7.67	12.50
Refusal		0.40 - 0.50	9	9.00	19.68
		0.50 - 0.60	12	13.33	27.17
		0.60 - 0.70	19	17.67	45.46
		0.70 - 0.80	22	20.50	53.57
		0.80 - 0.90			
		0.90 - 1.00			
		1.00 - 1.10			
		1.10 - 1.20			
		1.20 - 1.30			
		1.30 - 1.40			
		1.40 - 1.50			
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			

Blows Per 100mm
3 Blows/100mm = 300kPa
2 Blows/100mm = 200kPa



DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373

Project: Foundation Testing - Rosemerryn

SPT No: 2

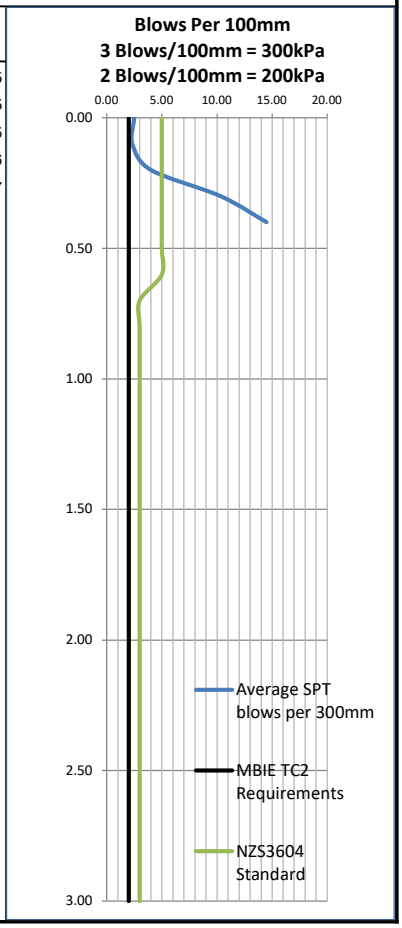
Stage 24A **Lot 978**

Date: 18/03/2026

Location: Rosemerryn, Stage 24A , Lot 978

Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
		0.00 - 0.10	2	2.50	3.65
		0.01 - 0.20	3	2.33	5.75
		0.20 - 0.30	2	4.00	3.65
		0.30 - 0.40	7	10.33	14.86
		0.40 - 0.50	22	14.50	53.57
		0.50 - 0.60			
		0.60 - 0.70			
		0.70 - 0.80			
		0.80 - 0.90			
		0.90 - 1.00			
		1.00 - 1.10			
		1.10 - 1.20			
		1.20 - 1.30			
		1.30 - 1.40			
		1.40 - 1.50			
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			



DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373

Project: Foundation Testing - Rosemerryn

SPT No: 3

Stage 24A **Lot 978**

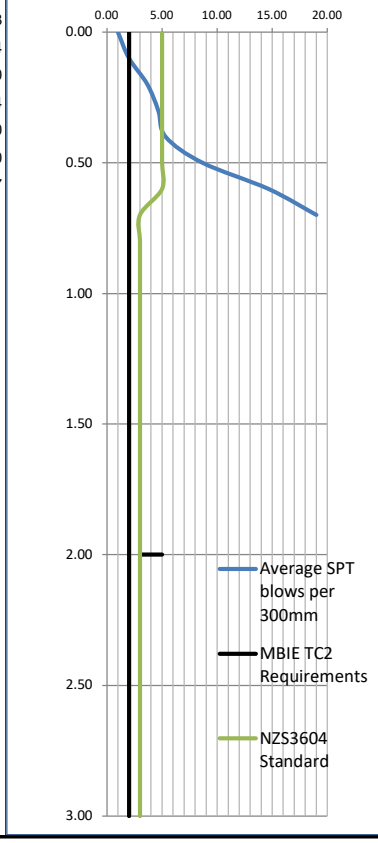
Date: 18/03/2026

Location: Rosemerryn, Stage 24A , Lot 978

Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
		0.00 - 0.10	1	1.00	1.68
		0.01 - 0.20	1	2.00	1.68
		0.20 - 0.30	4	3.67	7.94
		0.30 - 0.40	6	4.67	12.50
		0.40 - 0.50	4	5.33	7.94
		0.50 - 0.60	6	8.67	12.50
		0.60 - 0.70	16	14.67	37.50
		0.70 - 0.80	22	19.00	53.57
		0.80 - 0.90			
		0.90 - 1.00			
		1.00 - 1.10			
		1.10 - 1.20			
		1.20 - 1.30			
		1.30 - 1.40			
		1.40 - 1.50			
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00			

Blows Per 100mm
3 Blows/100mm = 300kPa
2 Blows/100mm = 200kPa



DAVIE LOVELL-SMITH
PLANNING SURVEYING ENGINEERING

Scala Penetrometer Log

Job No: 21373

Project: Foundation Testing - Rosemerryn

SPT No: 4

Stage 24A **Lot 978**

Date: 18/03/2026

Location: Rosemerryn, Stage 24A , Lot 978

Logged By: Sam Medlicott

Description of Soils	Graphic	Depth (m)	SPT blows	Average SPT blows per 300mm	CBR (%)
		0.00 - 0.10	3	2.00	5.75
		0.01 - 0.20	1	2.00	1.68
		0.20 - 0.30	2	2.00	3.65
		0.30 - 0.40	3	3.67	5.75
		0.40 - 0.50	6	6.33	12.50
		0.50 - 0.60	10	12.67	22.15
		0.60 - 0.70	22	16.00	53.57
		0.70 - 0.80			
		0.80 - 0.90			
		0.90 - 1.00			
		1.00 - 1.10			
		1.10 - 1.20			
		1.20 - 1.30			
		1.30 - 1.40			
		1.40 - 1.50			
		1.50 - 1.60			
		1.60 - 1.70			
		1.70 - 1.80			
		1.80 - 1.90			
		1.90 - 2.00			
		2.00 - 2.10			
		2.10 - 2.20			
		2.20 - 2.30			
		2.30 - 2.40			
		2.40 - 2.50			
		2.50 - 2.60			
		2.60 - 2.70			
		2.70 - 2.80			
		2.80 - 2.90			
		2.90 - 3.00