

Material Test Report



**Pearce
Geotech**

Pearce Geotech Pty Ltd

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Report Number: P252433-1
Issue Number: 1
Date Issued: 12/08/2025
Client: Winslow Constructors Pty Ltd
 Level 1, 6 English Street, Essendon Fields Vic 3041
Project Number: P252433
Project Name: Redstone Estate Stage 21B
Project Location: Sunbury
Work Request: 35234
Date Sampled: 05/08/2025
Dates Tested: 07/08/2025 - 11/08/2025
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Remarks: TRN 19089
Specification: 98% Standard
Location: TRN 19089
Material: Clay
Material Source: Insitu



Accredited for compliance with ISO/IEC 17025 - Testing

Approved Signatory: Anthony Green
 Senior Technician

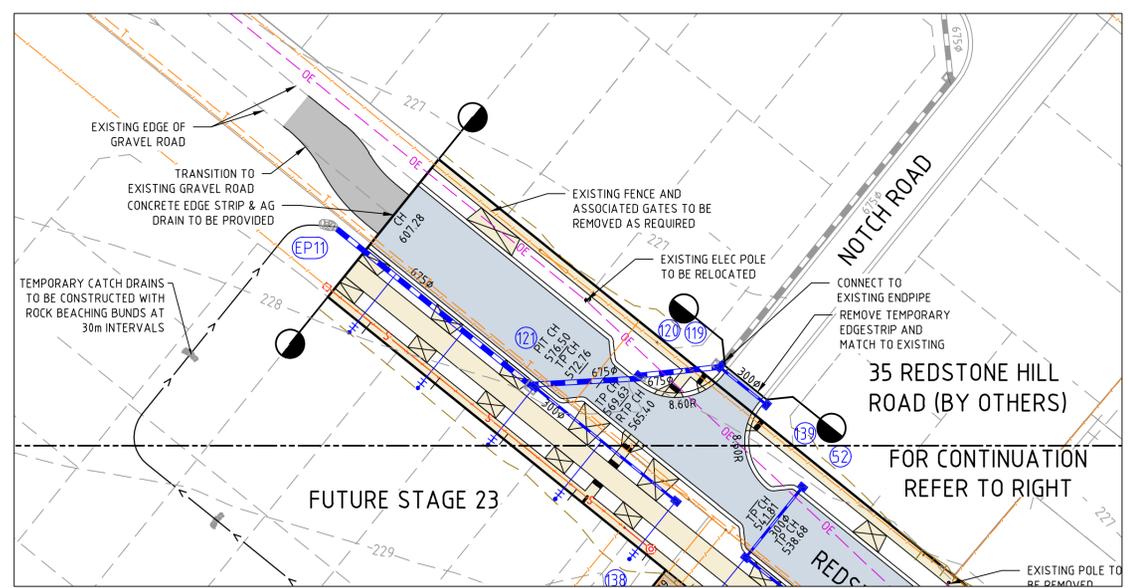
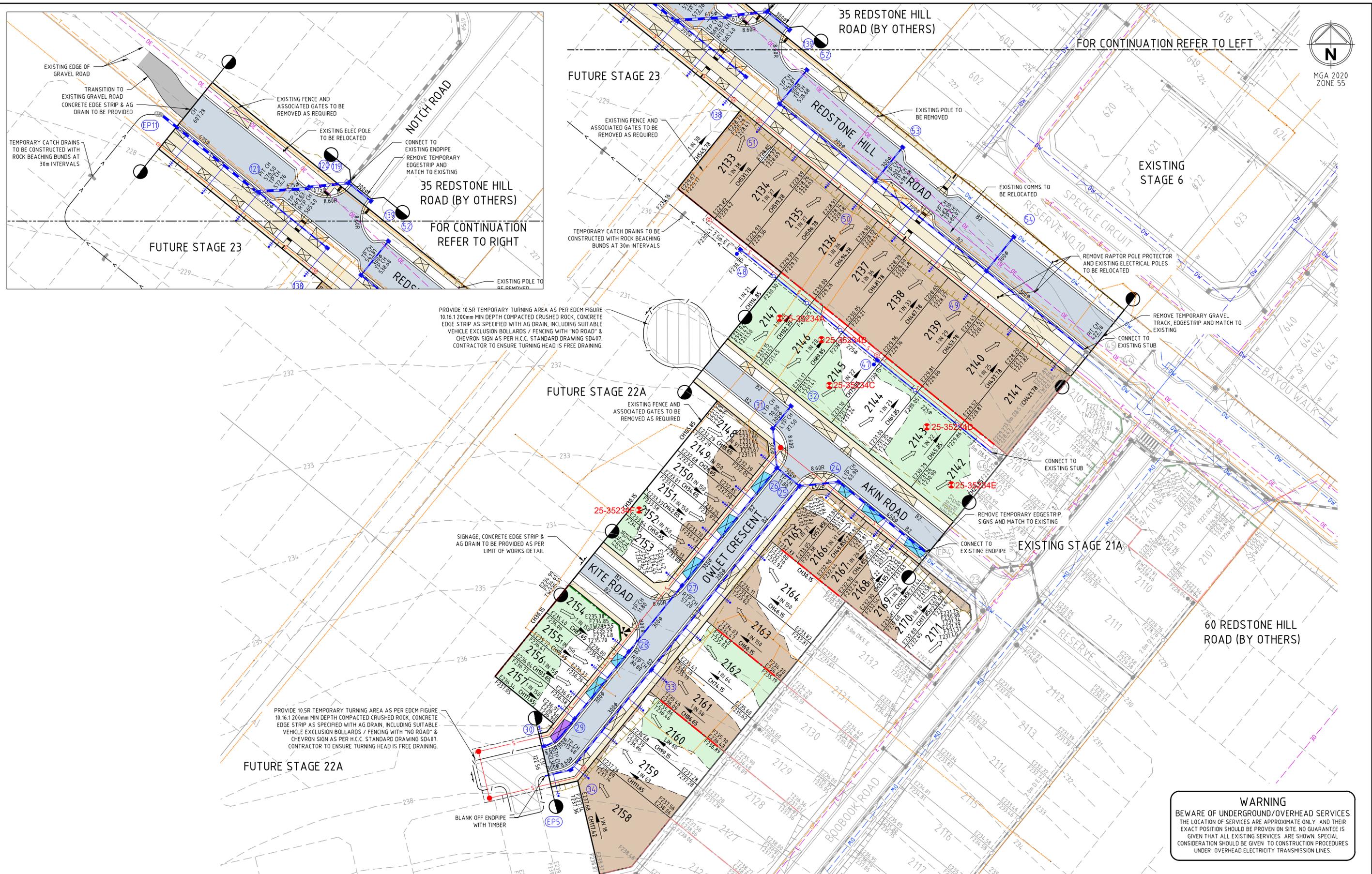
NATA Accredited Laboratory Number: 18877

| Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1 | | | | | | |
|--|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Sample Number | 25-35234A | 25-35234B | 25-35234C | 25-35234D | 25-35234E | 25-35234F |
| Date Tested | 05/08/2025 | 05/08/2025 | 05/08/2025 | 05/08/2025 | 05/08/2025 | 05/08/2025 |
| Time Tested | 12:41 | 12:46 | 12:55 | 13:01 | 13:10 | 13:17 |
| Test Request #/Location | Lot 2147 | Lot 2146 | Lot 2145 | Lot 2143 | Lot 2142 | Lot 2152 |
| Layer / Reduced Level | Lift 1 |
| Thickness of Layer (mm) | 150 | 150 | 150 | 300 | 300 | 300 |
| Soil Description | Clay | Clay | Clay | Clay | Clay | Clay |
| Test Depth (mm) | 125 | 125 | 125 | 275 | 275 | 275 |
| Sieve used to determine oversize (mm) | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 |
| Percentage of Wet Oversize (%) | ** | ** | ** | ** | ** | ** |
| Field Wet Density (FWD) t/m ³ | 1.84 | 1.85 | 1.81 | 1.91 | 1.90 | 1.88 |
| Field Moisture Content % | 26.5 | 27.2 | 25.5 | 25.7 | 27.4 | 26.1 |
| Field Dry Density (FDD) t/m ³ | 1.46 | 1.46 | 1.44 | 1.52 | 1.49 | 1.49 |
| Peak Converted Wet Density t/m ³ | 1.86 | 1.84 | 1.84 | 1.89 | 1.88 | 1.89 |
| Adjusted Peak Converted Wet Density t/m ³ | ** | ** | ** | ** | ** | ** |
| Moisture Variation (Wv) % | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Adjusted Moisture Variation % | ** | ** | ** | ** | ** | ** |
| Hilf Density Ratio (%) | 99.0 | 100.5 | 98.0 | 101.5 | 101.0 | 100.0 |
| Compaction Method | Standard | Standard | Standard | Standard | Standard | Standard |
| Remarks | ** | ** | ** | ** | ** | ** |

Moisture Variation Note:

Positive values = test is dry of OMC

Negative values = test is wet of OMC



PROVIDE 10.5R TEMPORARY TURNING AREA AS PER EDM FIGURE 10.16.1 200mm MIN DEPTH COMPACTED CRUSHED ROCK, CONCRETE EDGE STRIP AS SPECIFIED WITH AG DRAIN, INCLUDING SUITABLE VEHICLE EXCLUSION BOLLARDS / FENCING WITH "NO ROAD" & CHEVRON SIGN AS PER H.C.C. STANDARD DRAWING SD4.07. CONTRACTOR TO ENSURE TURNING HEAD IS FREE DRAINING.

PROVIDE 10.5R TEMPORARY TURNING AREA AS PER EDM FIGURE 10.16.1 200mm MIN DEPTH COMPACTED CRUSHED ROCK, CONCRETE EDGE STRIP AS SPECIFIED WITH AG DRAIN, INCLUDING SUITABLE VEHICLE EXCLUSION BOLLARDS / FENCING WITH "NO ROAD" & CHEVRON SIGN AS PER H.C.C. STANDARD DRAWING SD4.07. CONTRACTOR TO ENSURE TURNING HEAD IS FREE DRAINING.

WARNING
BEWARE OF UNDERGROUND/OVERHEAD SERVICES
THE LOCATION OF SERVICES ARE APPROXIMATE ONLY, AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN. SPECIAL CONSIDERATION SHOULD BE GIVEN TO CONSTRUCTION PROCEDURES UNDER OVERHEAD ELECTRICITY TRANSMISSION LINES.

file name: 310827_001CR200_Acc_Layout.mxd; file path: C:\Users\lilian.Fran\Documents\310827_001CR200\310827_001CR200.dwg; plot date: 22/01/2025 9:28 AM; Sheet: 2 of 22 Sheets

| Rev | Amendments | Approved | Date |
|-----|--|----------|----------|
| 0 | ISSUED FOR CONSTRUCTION | L.T | 29/04/25 |
| E | REDSTONE HILL ROAD LIMIT OF WORKS EXTENDED | L.T | 02/11/24 |
| D | REDSTONE HILL ROAD FOOTPATH AMENDED | L.T | 05/09/24 |
| C | LOT 2134/2135 & 2138/2139 DRIVEWAY & DRAINAGE PIT 29 AMENDED | M.R | 13/05/24 |
| B | TGSIS AND CATCH DRAIN ADDED | M.R | 15/04/24 |
| A | ISSUED TO COUNCIL | L.T | 22/01/24 |



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Designed
L. TRAN
Authorised
L. TRAN



Checked
W. ONG
Date
22/01/24

**REDSTONE ESTATE
STAGE 21B
ROAD AND DRAINAGE
FACE PLAN - SHEET 1**
HUME CITY COUNCIL
VILLAWOOD PROPERTIES

CONSTRUCTION Drg No 310827-001CR200 Rev 0