STRUCterre consulting

Post Earthworks Completion Report



Job No: S1232723_W26-04406

Exmouth Civil

Sundrift Stage 1 – Lot 9510 Murat Road, Exmouth WA

8 October 2026

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1. Introduction

At the request of Exmouth Civil, a representative from Structerre Consulting attended the above site on request from the client from December 2025 to September 2026 to undertake earthworks verification assessments. The purpose of this assessment is to provide a Site Classification in accordance with AS 2870-2011 Residential slabs and footings and Geotechnical Certification after completion of bulk earthworks.

Galt Geotechnics have previously conducted a Geotechnical Investigation of the site in January 2025 and provided earthworks recommendations for the development (refer to Galt Geotechnics Geotechnical Investigation Report, Ref WAG240578-01 001 R Rev1, 26 February 2025.

A specification for the project has been provided by Porter Consulting Engineers (reference S38.25, dated 8 August 2025).

A copy of the plan outlining the development is attached to this letter.

2. Initial Site Classification & Recommendations

Galt Geotechnics classified the site as Class 'S' in accordance with AS2870, providing the following relevant summarised earthworks recommendations were undertaken:

2.1 Site Preparation

- Clear and remove all deleterious materials including vegetation and topsoil prior to excavation of foundation and/or placement of fill.
- Remove any remaining tree roots within the proposed building envelopes and pavement areas and replace and compact with similar materials.
- Compact exposed subgrade surface to achieve compaction as required in section GDR7.1 of the Geotechnical Investigation.
- Place any required approved fill in compacted layers of no greater than 300mm loose thickness in accordance with section GDR7.2 of the Geotechnical Investigation.

3. Fieldwork

3.1 Fieldwork by Structerre

A representative from Structerre Consulting, (Structerre), attended the site during and at the completion of the project to assess works. Field testing comprising of hand auger boreholes, Nuclear Density Testing (in accordance with AS 1289 5.8.1) and Perth Sand Penetrometer (PSP) tests (in accordance with AS 1289 6.3.3). Testing was conducted by Structerre to confirm the following:

- Adequate removal of deleterious matter, topsoils and vegetation.

- Inspection of stripped surface for material suitability.
- Assessment of stripped surface for compaction.
- Assessment of import fill.
- Audit of compaction of fill materials placed.
- Audit boreholes to confirm thickness of inert fill and or in-situ sand.

3.2 Assessment dates

- Topsoil Strip Assessment 01/12/2025
- Foundation Prep Assessment 01/12/2025
- Stockpile Inspection 01/12/2025
- Method Specification (Cut material) 0/12/2025
- Method Specification (Import Fill) 02/12/2025
- PSP Correlation (import Fill) 02/12/2025
- Import Fill Assessment including Particle Size Distribution, Atterberg Limit, Constant Head Permeability and California Bearing Ratio 10/12/2025
- Topsoil Strip Assessment 06/01/2026
- Foundation Prep Assessment 06/01/2026
- Import Fill Assessment including Particle Size Distribution, Atterberg Limit, Organic Content and Constant Head Permeability 15/01/2026
- Foundation Prep Assessment 16/01/2026
- Method Specification (500kg Plate Compactor) 05/02/2026
- Verification testing using Nuclear Density Meter 05/02/2026
- DCP Correlation (Subbase material) 06/03/2026
- DCP Correlation (Insitu material) 06/03/2026
- Import Fill Assessment including Particle Size Distribution and California Bearing Ratio 15/06/2026
- Perth Sand Penetrometer and Borehole audit inspection 02/09/2026 – 03/09/2026

Ground conditions of the site at completion of the earthworks were obtained by hand auger and are summarised below;

Location	Depth	Description
BH 1	0-900mm	SAND with silt SP-SM, red, fine to medium grained, non-plastic.
	900-1000mm	Sandy CLAY trace gravel CL, brown, fine to medium grained, low to medium plasticity. 1000mm+ refusal (hard ground).
BH 2	0-900mm	SAND with silt SP-SM, red, fine to medium grained, non-plastic.
	900-1000mm	Sandy CLAY trace gravel CL, brown, fine to medium grained, low to medium plasticity. 1000mm+ refusal (hard ground).

Location	Depth	Description
BH 3	0-900mm	SAND with silt SP-SM, red, fine to medium grained, non-plastic.
	900-1000mm	Sandy CLAY trace gravel CL, brown, fine to medium grained, low to medium plasticity. 1000mm+ refusal (hard ground).
BH 4	0-900mm	SAND with silt SP-SM, red, fine to medium grained, non-plastic.
	900-1000mm	Sandy CLAY trace gravel CL, brown, fine to medium grained, low to medium plasticity. 1000mm+ refusal (hard ground).
BH 5	0-900mm	SAND with silt SP-SM, red, fine to medium grained, non-plastic.
	900-1000mm	Sandy CLAY trace gravel CL, brown, fine to medium grained, low to medium plasticity. 1000mm+ refusal (hard ground).
BH 6	0-900mm	SAND with silt SP-SM, red, fine to medium grained, non-plastic.
	900-1000mm	Sandy CLAY trace gravel CL, brown, fine to medium grained, low to medium plasticity. 1000mm+ refusal (hard ground).
BH 7	0-900mm	SAND with silt SP-SM, red, fine to medium grained, non-plastic.
	900-1000mm	Sandy CLAY trace gravel CL, brown, fine to medium grained, low to medium plasticity. 1000mm+ refusal (hard ground).
BH 8	0-900mm	SAND with silt SP-SM, red, fine to medium grained, non-plastic.
	900-1000mm	Sandy CLAY trace gravel CL, brown, fine to medium grained, low to medium plasticity. 1000mm+ refusal (hard ground).
BH 9	0-900mm	SAND with silt SP-SM, red, fine to medium grained, non-plastic.
	900-1000mm	Sandy CLAY trace gravel CL, brown, fine to medium grained, low to medium plasticity. 1000mm+ refusal (hard ground).

Location	Depth	Description
BH10	0-900mm	SAND with silt SP-SM, red, fine to medium grained, non-plastic.
	900-1000mm	Sandy CLAY trace gravel CL, brown, fine to medium grained, low to medium plasticity. 1000mm+ refusal (hard ground).
BH 11	0-900mm	SAND with silt SP-SM, red, fine to medium grained, non-plastic.
	900-1000mm	Sandy CLAY trace gravel CL, brown, fine to medium grained, low to medium plasticity. 1000mm+ refusal (hard ground).
BH 12	0-900mm	SAND with silt SP-SM, red, fine to medium grained, non-plastic.
	900-1000mm	Sandy CLAY trace gravel CL, brown, fine to medium grained, low to medium plasticity. 1000mm+ refusal (hard ground).
BH 13	0-900mm	SAND with silt SP-SM, red, fine to medium grained, non-plastic.
	900-1000mm	Sandy CLAY trace gravel CL, brown, fine to medium grained, low to medium plasticity. 1000mm+ refusal (hard ground).
BH 14	0-900mm	SAND with silt SP-SM, red, fine to medium grained, non-plastic.
	900-1000mm	Sandy CLAY trace gravel CL, brown, fine to medium grained, low to medium plasticity. 1000mm+ refusal (hard ground).
BH 15	0-900mm	SAND with silt SP-SM, red, fine to medium grained, non-plastic.
	900-1000mm	Sandy CLAY trace gravel CL, brown, fine to medium grained, low to medium plasticity. 1000mm+ refusal (hard ground).
BH 16	0-900mm	SAND with silt SP-SM, red, fine to medium grained, non-plastic.
	900-1000mm	Sandy CLAY trace gravel CL, brown, fine to medium grained, low to medium plasticity. 1000mm+ refusal (hard ground).

Location	Depth	Description
BH 17	0-900mm	SAND with silt SP-SM, red, fine to medium grained, non-plastic.
	900-1000mm	Sandy CLAY trace gravel CL, brown, fine to medium grained, low to medium plasticity. 1000mm+ refusal (hard ground).
BH 18	0-900mm	SAND with silt SP-SM, red, fine to medium grained, non-plastic.
	900-1000mm	Sandy CLAY trace gravel CL, brown, fine to medium grained, low to medium plasticity. 1000mm+ refusal (hard ground).

General observations and the subsequent results obtained from Structerre's audit testing (in a Level 2 capacity) on site indicate the earthworks were conducted in accordance with AS 3798 Guidelines on earthworks for commercial and residential developments, provided drawings, the Galt Geotechnics Geotechnical Investigation Report, Ref WAG240578-01 001 R Rev1, 26 February 2025 and the Technical Specification provided by Porter Consulting Engineers (reference S38.25, dated 8 August 2025.

3.3 Fieldwork by Others

During the earthworks, the Contractor performed regular compaction testing using a PSP to test the compaction of placed fill materials. These provided test results form part of the assessment in determining the site classification for the stage.

4. Site Classification

AS 2870-2011 provides the site classification based on the determination of potential surface movements from seasonal moisture change. Based on the site testing and observations performed by Structerre, in addition to the information forwarded by Exmouth Civil, Sundrift Stage 1 – Lot 9510 Murat Road, Exmouth for the following lots can be classified as:

Site Classification	Class 'S'.

- Lot 1 to 108 inclusive.
- Lot 121 to 122 inclusive.
- Lot 138 to 139 inclusive.

These assessments are based on the following:

- All stormwater runoff from roofs and paved areas is disposed of as far as practical from structures to reduce the risk of differential settlements.

5. Conclusion

This assessment is based on the site condition at the time of testing by Structerre. No allowance has been made for future disturbance for installation of underground services, or additional earthworks by builders or others. Builders should carry out their own compaction checks on a lot-by-lot basis, compacting any localised loose areas where necessary.

Please note that the horizontal and vertical limits of the earthworks were determined by others, and as such, Structerre does not provide any comment as to whether these aspects are compliant with the plans and specifications for the project. Structerre does not guarantee earthwork construction, nor relieve the earthwork contractor of their responsibility to perform the earthworks in accordance with the contract plans and specifications.

We trust this meets with your requirements. Should you require any additional information, or clarification of the above, please contact the undersigned.

For and behalf of Structerre Consulting.



Jacob Pritchard
Laboratory Manager

8 October 2026

6. References

AS2870-2011 Residential Slabs and Footing

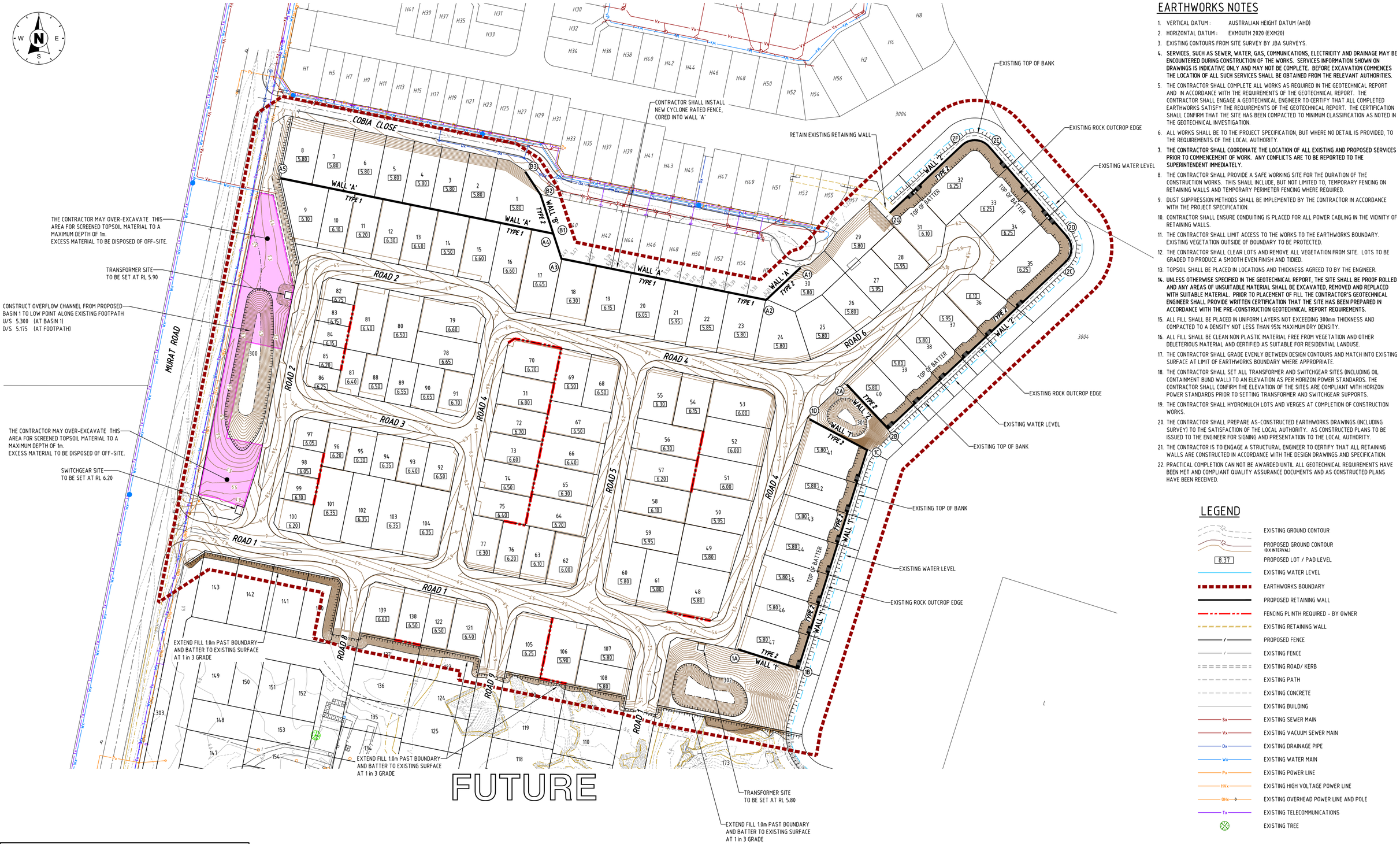
AS3798-2007 Guidelines on earthworks for commercial and residential developments

AS1289 Method of Testing Soil for Engineering Purposes

Galt Geotechnics Geotechnical Investigation Report, Ref WAG240578-01 001 R Rev1, 26 February 2025

Porter Consulting Engineers (reference S38.25, dated 8 August 2025)

Appendix A – Site Plan



EARTHWORKS NOTES

1. VERTICAL DATUM : AUSTRALIAN HEIGHT DATUM (AHD)
2. HORIZONTAL DATUM : EXMOUTH 2020 (EXM20)
3. EXISTING CONTOURS FROM SITE SURVEY BY JBA SURVEYS.
4. **SERVICES, SUCH AS SEWER, WATER, GAS, COMMUNICATIONS, ELECTRICITY AND DRAINAGE MAY BE ENCOUNTERED DURING CONSTRUCTION OF THE WORKS. SERVICES INFORMATION SHOWN ON DRAWINGS IS INDICATIVE ONLY AND MAY NOT BE COMPLETE. BEFORE EXCAVATION COMMENCES THE LOCATION OF ALL SUCH SERVICES SHALL BE OBTAINED FROM THE RELEVANT AUTHORITIES.**
5. THE CONTRACTOR SHALL COMPLETE ALL WORKS AS REQUIRED IN THE GEOTECHNICAL REPORT AND IN ACCORDANCE WITH THE REQUIREMENTS OF THE GEOTECHNICAL REPORT. THE CONTRACTOR SHALL ENGAGE A GEOTECHNICAL ENGINEER TO CERTIFY THAT ALL COMPLETED EARTHWORKS SATISFY THE REQUIREMENTS OF THE GEOTECHNICAL REPORT. THE CERTIFICATION SHALL CONFIRM THAT THE SITE HAS BEEN COMPACTED TO MINIMUM CLASSIFICATION AS NOTED IN THE GEOTECHNICAL INVESTIGATION.
6. ALL WORKS SHALL BE TO THE PROJECT SPECIFICATION, BUT WHERE NO DETAIL IS PROVIDED, TO THE REQUIREMENTS OF THE LOCAL AUTHORITY.
7. **THE CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL EXISTING AND PROPOSED SERVICES PRIOR TO COMMENCEMENT OF WORK. ANY CONFLICTS ARE TO BE REPORTED TO THE SUPERINTENDENT IMMEDIATELY.**
8. THE CONTRACTOR SHALL PROVIDE A SAFE WORKING SITE FOR THE DURATION OF THE CONSTRUCTION WORKS. THIS SHALL INCLUDE, BUT NOT LIMITED TO, TEMPORARY FENCING ON RETAINING WALLS AND TEMPORARY PERIMETER FENCING WHERE REQUIRED.
9. DUST SUPPRESSION METHODS SHALL BE IMPLEMENTED BY THE CONTRACTOR IN ACCORDANCE WITH THE PROJECT SPECIFICATION.
10. CONTRACTOR SHALL ENSURE CONDUITING IS PLACED FOR ALL POWER CABLING IN THE VICINITY OF RETAINING WALLS.
11. THE CONTRACTOR SHALL LIMIT ACCESS TO THE WORKS TO THE EARTHWORKS BOUNDARY. EXISTING VEGETATION OUTSIDE OF BOUNDARY TO BE PROTECTED.
12. THE CONTRACTOR SHALL CLEAR LOTS AND REMOVE ALL VEGETATION FROM SITE. LOTS TO BE GRADED TO PRODUCE A SMOOTH EVEN FINISH AND TIDIED.
13. TOPSOIL SHALL BE PLACED IN LOCATIONS AND THICKNESS AGREED TO BY THE ENGINEER.
14. **UNLESS OTHERWISE SPECIFIED IN THE GEOTECHNICAL REPORT, THE SITE SHALL BE PROOF ROLLED AND ANY AREAS OF UNSUITABLE MATERIAL SHALL BE EXCAVATED, REMOVED AND REPLACED WITH SUITABLE MATERIAL. PRIOR TO PLACEMENT OF FILL THE CONTRACTOR'S GEOTECHNICAL ENGINEER SHALL PROVIDE WRITTEN CERTIFICATION THAT THE SITE HAS BEEN PREPARED IN ACCORDANCE WITH THE PRE-CONSTRUCTION GEOTECHNICAL REPORT REQUIREMENTS.**
15. ALL FILL SHALL BE PLACED IN UNIFORM LAYERS NOT EXCEEDING 300mm THICKNESS AND COMPACTED TO A DENSITY NOT LESS THAN 95% MAXIMUM DRY DENSITY.
16. ALL FILL SHALL BE CLEAN NON PLASTIC MATERIAL FREE FROM VEGETATION AND OTHER DELETERIOUS MATERIAL AND CERTIFIED AS SUITABLE FOR RESIDENTIAL LANDUSE.
17. THE CONTRACTOR SHALL GRADE EVENLY BETWEEN DESIGN CONTOURS AND MATCH INTO EXISTING SURFACE AT LIMIT OF EARTHWORKS BOUNDARY WHERE APPROPRIATE.
18. THE CONTRACTOR SHALL SET ALL TRANSFORMER AND SWITCHGEAR SITES (INCLUDING OIL CONTAINMENT BUND WALL) TO AN ELEVATION AS PER HORIZON POWER STANDARDS. THE CONTRACTOR SHALL CONFIRM THE ELEVATION OF THE SITES ARE COMPLIANT WITH HORIZON POWER STANDARDS PRIOR TO SETTING TRANSFORMER AND SWITCHGEAR SUPPORTS.
19. THE CONTRACTOR SHALL HYDROMULCH LOTS AND VERGES AT COMPLETION OF CONSTRUCTION WORKS.
20. THE CONTRACTOR SHALL PREPARE AS-CONSTRUCTED EARTHWORKS DRAWINGS (INCLUDING SURVEY) TO THE SATISFACTION OF THE LOCAL AUTHORITY. AS CONSTRUCTED PLANS TO BE ISSUED TO THE ENGINEER FOR SIGNING AND PRESENTATION TO THE LOCAL AUTHORITY.
21. THE CONTRACTOR IS TO ENGAGE A STRUCTURAL ENGINEER TO CERTIFY THAT ALL RETAINING WALLS ARE CONSTRUCTED IN ACCORDANCE WITH THE DESIGN DRAWINGS AND SPECIFICATION.
22. PRACTICAL COMPLETION CAN NOT BE AWARDED UNTIL ALL GEOTECHNICAL REQUIREMENTS HAVE BEEN MET AND COMPLIANT QUALITY ASSURANCE DOCUMENTS AND AS CONSTRUCTED PLANS HAVE BEEN RECEIVED.

LEGEND

- EXISTING GROUND CONTOUR
- PROPOSED GROUND CONTOUR (0.X INTERVAL)
- 8.37 PROPOSED LOT / PAD LEVEL
- EXISTING WATER LEVEL
- EARTHWORKS BOUNDARY
- PROPOSED RETAINING WALL
- FENCING PLINTH REQUIRED - BY OWNER
- EXISTING RETAINING WALL
- PROPOSED FENCE
- EXISTING FENCE
- EXISTING ROAD/ KERB
- EXISTING PATH
- EXISTING CONCRETE
- EXISTING BUILDING
- Sx EXISTING SEWER MAIN
- Vx EXISTING VACUUM SEWER MAIN
- Dx EXISTING DRAINAGE PIPE
- Wx EXISTING WATER MAIN
- Px EXISTING POWER LINE
- HVx EXISTING HIGH VOLTAGE POWER LINE
- OHx EXISTING OVERHEAD POWER LINE AND POLE
- Tx EXISTING TELECOMMUNICATIONS
- EXISTING TREE

NOTE
CONTRACTOR SHALL IMPLEMENT SAFE WORK PRACTICES FOR WORKS UNDER OVERHEAD POWER LINES

WARNING
OPTIC FIBRE CABLE IN VICINITY OF WORKS. CONTRACTOR SHALL CONTACT THE RELEVANT AUTHORITY AT LEAST TWO (2) BUSINESS DAYS BEFORE STARTING ACTIVITY

NOTE
PRIOR TO COMMENCEMENT, THE CONTRACTOR SHALL PREPARE AND OBTAIN APPROVALS FROM THE LOCAL AUTHORITY FOR A CONSTRUCTION MANAGEMENT PLAN. THE CMP SHALL ADDRESS SITE SAFETY, TRAFFIC MANAGEMENT, WORK PROCEDURES, DUST AND EROSION CONTROL, SEDIMENT MANAGEMENT, GROUNDWATER MANAGEMENT (IF APPLICABLE) AND OTHER RELEVANT OPERATIONAL ITEMS.

BEFORE YOU DIG www.byda.com.au

1:1000 0m 20.0 40.0 60.0m

WAPC: 201804

PROJECT:
SUNDRIFT
LOT 9510 MURAT ROAD, EXMOUTH

No.	DATE	REVISION	BY
H	5-11-2025	WALL 2 RADIUS TO LOT 35 AMENDED	DLC
G	21-10-2025	WALL 1 & WALL 2 AMENDED	DLC
F	27-8-2025	WALLS, FENCING PLINTHS, & LOT LEVELS AMENDED. ROADS 1, 2, 3, & BASIN 1 AMENDED TO SUIT.	DLC
E	8-8-2025	ISSUED FOR TENDER	DLC
D	1-8-2025	ISSUED FOR TENDER	DLC
C	25-7-2025	ADDITIONAL STAIRS TO LOT 32 & LOT 35	DLC
J	6-11-2025	POS EARTHWORKS AMENDED	DLC

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ONLY PLANS WITH NUMERICAL REVISION REV. 'D' OR HIGHER AND PRINTED IN FULL COLOUR SHALL BE USED FOR CONSTRUCTION. IF THIS PLAN IS PRINTED IN BLACK AND WHITE OR GREY SCALE IT IS NOT TO BE USED FOR CONSTRUCTION.

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PCEAD Pty Ltd ACN 670 097 148 as trustee for the Consulting Engineering Unit Trust trading as Porter Consulting Engineers ABN 78 636 396 385

CLIENT:
EXMOUTH SUPERLOT PTY LTD

DRAWING:
EARTHWORKS AND RETAINING WALL PLAN

STATUS: **FOR TENDER**

SCALE	1:1000
DATE	Oct-25
DESIGN	DLC
DRAWN	MEG
CHECK	
APP'D	
DRAWING No.	24-6-94/1/101
REV No.	J
ORIGINAL DRAWING SIZE	A1
FILE NAME	..94\1ACAD\STAGE 1\24694-1-101.dwg

Appendix B – Test Results

Malaga Laboratory
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Post: PO Box 792, Balcatta WA 6914
Ph : (08) 9205 4500
Email: wageotechlab@structerre.com.au
Website: www.structerre.com.au
ABN: 71 349 772 837 / ACN: 008 966 283

California Bearing Ratio Test Report

Report Number: CBR:26S-07524
Date of Issue09/07/2026
Issue Number: 1

Client:	Exmouth Civil
Client Address:	15 Ingram St North West Cape WA 6707
Project:	Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Project No:	D378641

Accreditation Number 18742

NATA WORLD RECOGNISED ACCREDITATION

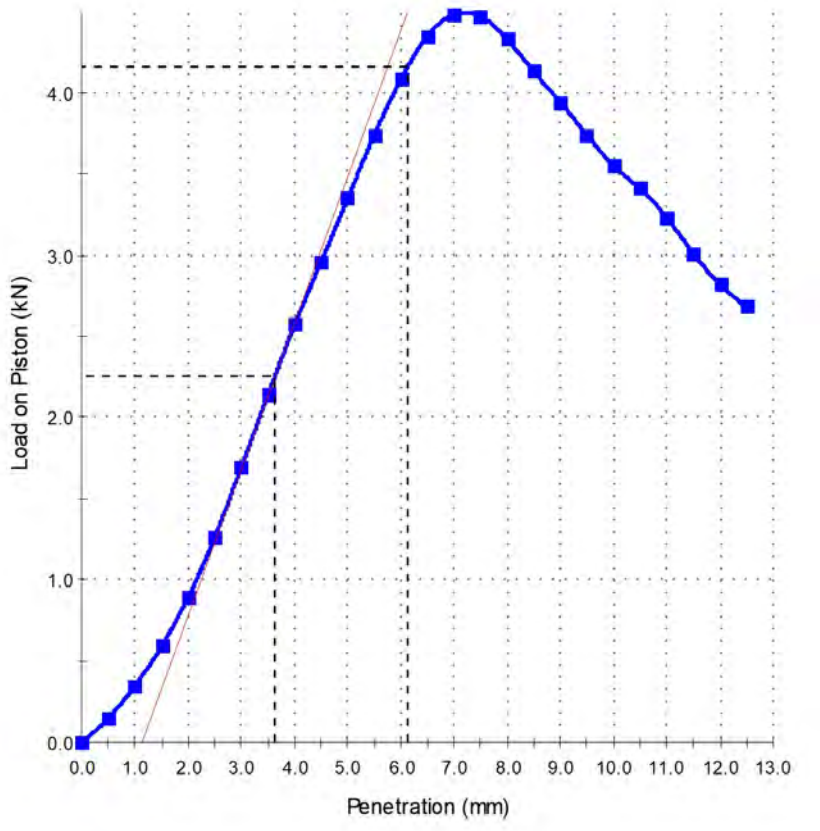
Approved Signatory: Jonty Sargent

Accredited for compliance with ISO/IEC 17025

Sample Details

Sample ID:	Import Fill	**Field Sample ID:**	Sample 1
Date Tested:	03/07/2026	**Date Sampled:**	15/06/2026
Soil Description:	SAND trace silt	**Proposed Use:**	Fill
Depth of Test:	-	**Depth of Layer:**	
Sampling Method:	Sample submitted by client	**TRN:**	-
Work Order ID:	W26-02946		

Load vs Penetration



Test Results

AS 1289.6.1.1

CBR at 5.0mm (%):	**20**
Dry Density before Soaking (t/m³):	1.62
Density Ratio before Soaking (%):	95.0
Moisture Content before Soaking (%):	13.8
Moisture Ratio before Soaking (%):	99.5
Dry Density after Soaking (t/m³):	1.63
Density Ratio after Soaking (%):	95.5
Swell (%):	-0.5
Moisture Content of Top 30mm (%):	15.0
Moisture Content of Remaining Depth (%):	16.2
Compaction Hammer Used:	Modified AS 1289.5.2.1
Surcharge Mass (kg):	4.50
Period of Soaking (Days):	4
Retained on 19 mm Sieve (%):	0
CBR Moisture Content Method:	AS 1289.2.1.1
Sample Curing Time (h):	2
Plasticity Determination Method:	Visual/Tactile

Comments

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Malaga Laboratory
44 Crocker Drive, Malaga, WA 6090
Post: PO Box 792, Balcatta WA 6914
Ph : (08) 9205 4500
Email: wageotechlab@structerre.com.au
Website: www.structerre.com.au
ABN: 71 349 772 837 / ACN: 008 966 283

Report Number: MDD:26S-07524
Date of Issue09/07/2026
Issue Number: 1

Maximum Dry Density Report

Client:	Exmouth Civil
Client Address:	15 Ingram St North West Cape WA 6707
Project:	Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Project No:	D378641

Accreditation Number 18742

NATA WORLD RECOGNISED ACCREDITATION

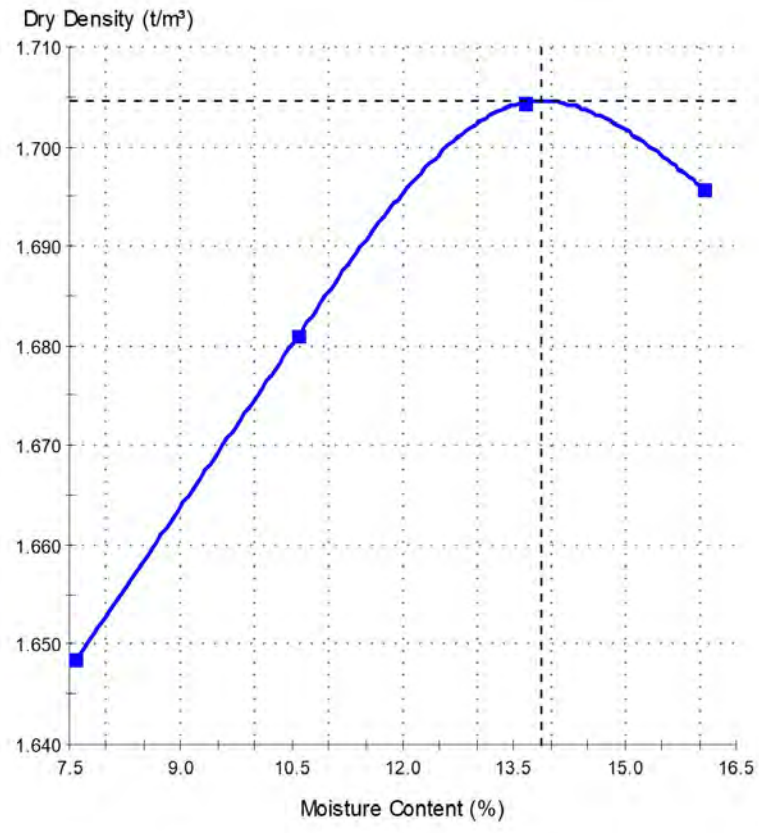
Approved Signatory: Jonty Sargent

Accredited for compliance with ISO/IEC 17025

Sample Details

Sample ID:	Import Fill	**Field Sample ID:**	Sample 1
Date Tested:	02/07/2026	**Date Sampled:**	15/06/2026
Soil Description:	SAND trace silt	**Proposed Use:**	Fill
Depth of Test:	-	**Depth of Layer:**	
Sampling Method:	Sample submitted by client	**TRN:**	-
Work Order ID:	W26-02946		

Dry Density - Moisture Content Relationship



Test Results

AS 1289.5.2.1

Modified MDD (t/m³):	**1.70**
Modified OMC (%):	**14.0**
Retained Sieve (mm):	19.0
Oversize Material (%):	0
Curing Time (h):	2
LL Method:	Visual / Tactile

Comments

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Website: www.structerre.com.au
ABN: 71 349 772 837 / ACN: 008 966 283

California Bearing Ratio Test Report

Report Number: CBR:26S-07525
Date of Issue09/07/2026
Issue Number: 1

Client:	Exmouth Civil
Client Address:	15 Ingram St North West Cape WA 6707
Project:	Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Project No:	D378641

Accreditation Number 18742

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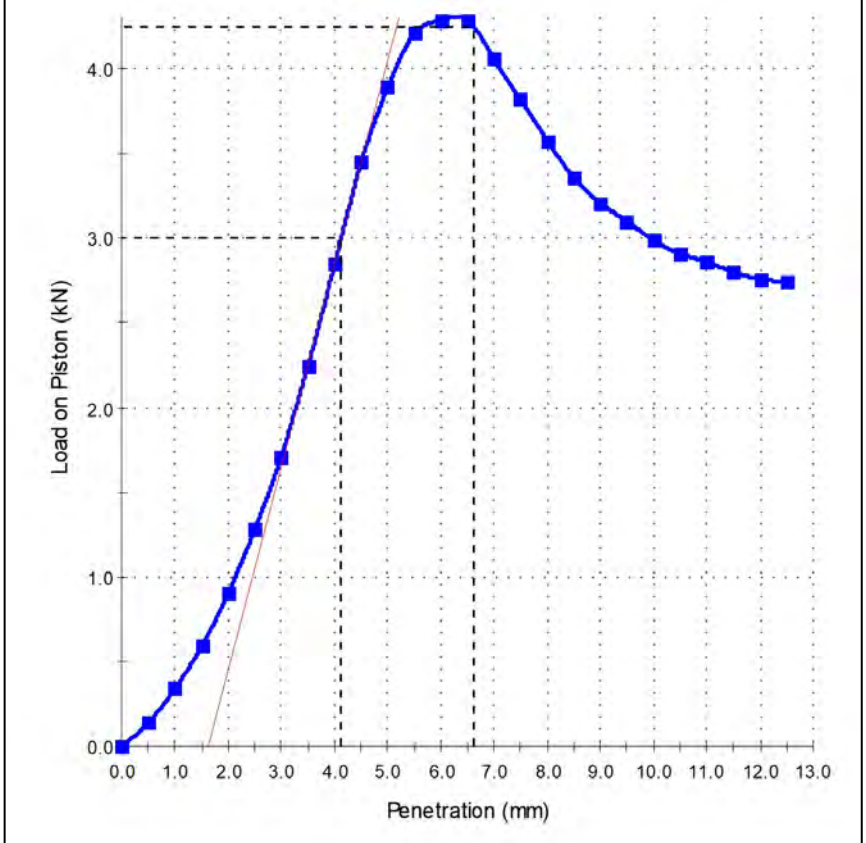
Approved Signatory: Jonty Sargent

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Sample Details

Sample ID:	Import Fill	**Field Sample ID:**	Sample 2
Date Tested:	03/07/2026	**Date Sampled:**	15/06/2026
Soil Description:	SAND trace silt	**Proposed Use:**	Fill
Depth of Test:	-	**Depth of Layer:**	
Sampling Method:	Sample submitted by client	**TRN:**	-
Work Order ID:	W26-02946		

Load vs Penetration



Test Results

	AS 1289.6.1.1
CBR at 2.5mm (%):	**25**
Dry Density before Soaking (t/m³):	1.65
Density Ratio before Soaking (%):	95.0
Moisture Content before Soaking (%):	13.5
Moisture Ratio before Soaking (%):	99.0
Dry Density after Soaking (t/m³):	1.66
Density Ratio after Soaking (%):	96.0
Swell (%):	-1.0
Moisture Content of Top 30mm (%):	15.3
Moisture Content of Remaining Depth (%):	15.8
Compaction Hammer Used:	Modified AS 1289.5.2.1
Surcharge Mass (kg):	4.50
Period of Soaking (Days):	4
Retained on 19 mm Sieve (%):	0
CBR Moisture Content Method:	AS 1289.2.1.1
Sample Curing Time (h):	2
Plasticity Determination Method:	Visual/Tactile

Comments

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Maximum Dry Density Report

Client:	Exmouth Civil
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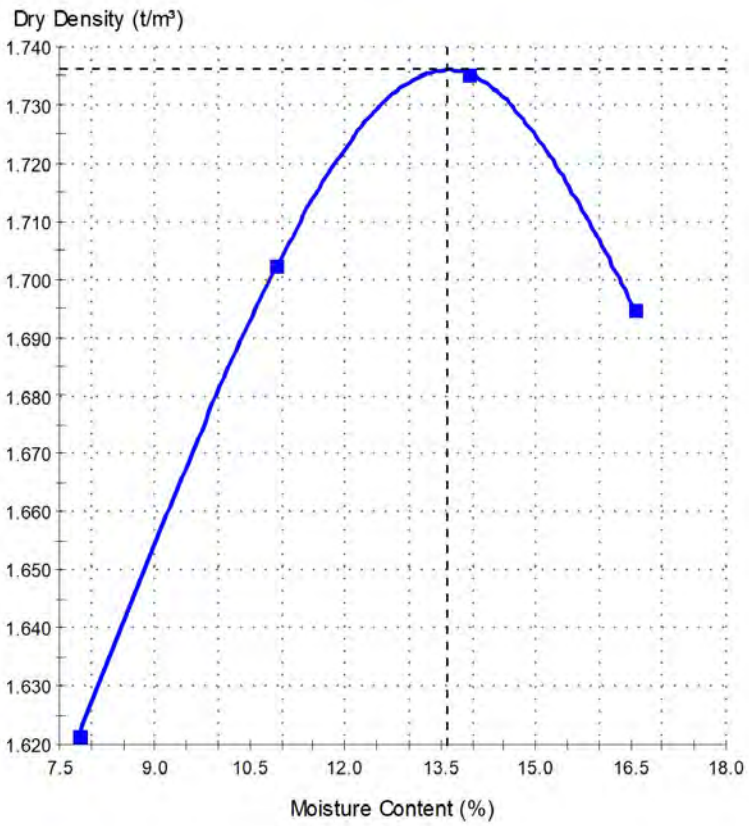
Approved Signatory: Jonty Sargent

Accredited for compliance with ISO/IEC 17025

Sample Details

Sample ID:	Import Fill	**Field Sample ID:**	Sample 2
Date Tested:	02/07/2026	**Date Sampled:**	15/06/2026
Soil Description:	SAND trace silt	**Proposed Use:**	Fill
Depth of Test:	-	**Depth of Layer:**	
Sampling Method:	Sample submitted by client	**TRN:**	-
Work Order ID:	W26-02946		

Dry Density - Moisture Content Relationship



Test Results

AS 1289.5.2.1

Modified MDD (t/m³):	**1.74**
Modified OMC (%):	**13.5**
Retained Sieve (mm):	19.0
Oversize Material (%):	0
Curing Time (h):	2
LL Method:	Visual / Tactile

Comments

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Constant Head Permeability

Report Number CHPR:W26-02946
18 Sep 2026
Issue 1

Client	Exmouth Civil
Client Address	15 Ingram St North West Cape WA 6707
Project	Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Project No	D378641



Authorised Signatory Jonty Sargent

Sample Details

Client Request ID	Import Fill
Laboratory Test Procedures	AS 1289.6.7.1
Sampling Methods	Sample submitted by client
Sample Preparation Method	AS 1289.1.1

Sample Data

Sample ID	26S-07524	26S-07525
Soil Description/Material	SAND trace silt	SAND trace silt

Test Results

Date of Test	16 Sep 2026	16 Sep 2026
Compactive Effort Used	Modified	Modified
Sieve Size (mm)	19	19
Percent material retained (%)	0	0
Maximum Dry Density (t/m³)	1.7	1.74
Optimum Moisture Content (%)	13.9	13.6
Required Dry Density Ratio (%)	95	95
Required Moisture Ratio (%)	100	100
Dry density (t/m³)	1.62	1.65
Moisture content (%)	13.5	13.3
Laboratory density ratio (%)	95.5	95.0
Laboratory moisture ratio (%)	97.0	98.0
Surcharge (kPa)	3	3
Coefficient of permeability (m/s)	3E-05	3E-05
Coefficient of permeability (m/day)	2.88	2.18

Comments

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Report Number: DDR:W26-00470
Date of Issue:13/02/2026
Issue Number: 1

Dry Density Ratio Report

Client:	Exmouth Civil
Client Address:	15 Ingram St North West Cape WA 6707
Project:	Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Project No:	D378641

Accreditation Number 18742

NATA WORLD RECOGNISED ACCREDITATION

Approved Signatory: Pethreux Simon Cabral

Accredited for compliance with ISO/IEC 17025

Sample Details

Location:	Stage 1
Field Test Procedures:	AS 1289.5.8.1
Laboratory Test Procedures:	AS 1289.2.1.1, AS 1289.5.2.1, AS 1289.5.4.1
TRN:	-
Work Order ID:	W26-00470
Sampling Method:	AS1289 1.2.1 6.4 (b) - compacted
Material:	Clay Trace Gravel

Sample Data

Sample ID	26S-00968	26S-00969	26S-01000	26S-01005	26S-01009	26S-01010
Field Sample ID	Site 1	Site 2	Site 3	Site 4	Site 5	Site 6
Date Sampled	05/02/2026	05/02/2026	05/02/2026	05/02/2026	05/02/2026	05/02/2026
Proposed Use	Fill	Fill	Fill	Fill	Fill	Fill
Time Tested	09:10	09:28	10:13	10:32	10:52	11:09

Field and Laboratory Data

Sample ID	26S-00968	26S-00969	26S-01000	26S-01005	26S-01009	26S-01010
Depth of Test (mm)	275	275	275	275	275	275
Depth of Layer (mm)	300	300	300	300	300	300
AS Sieve Size (mm)	19.0	19.0	19.0	19.0	19.0	19.0
Oversize Wet (%)	13	9	6	14	9	9
Oversize Dry (%)	13	9	7	14	9	9
Field Moisture Content (%)	6.4	5.8	6.4	3.8	3.5	3.9
Field Wet Density (t/m³)	2.22	2.26	2.27	2.31	2.18	2.19
Field Dry Density (t/m³)	2.09	2.14	2.13	2.22	2.10	2.11
Lab Result from Test No.	26S-00968	26S-00969	26S-01000	26S-01005	26S-01009	26S-01010
Maximum Dry Density (t/m³)	2.10	2.08	2.11	2.19	2.06	2.08
Optimum Moisture Content (%)	6.5	7.5	7.5	5.0	7.5	7.5
Compactive Effort	Modified	Modified	Modified	Modified	Modified	Modified
Moisture Ratio (%)	98.0	77.5	85.0	76.0	48.5	51.0
Moisture Variation	0.0	1.5 dry	1.0 dry	1.0 dry	4.0 dry	3.5 dry
Density Ratio (%)	**99.5**	**102.5**	**101.0**	**101.5**	**102.0**	**101.5**

Comments

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Report Number: DDR:W26-00470
Date of Issue13/02/2026
Issue Number: 1

Dry Density Ratio Report

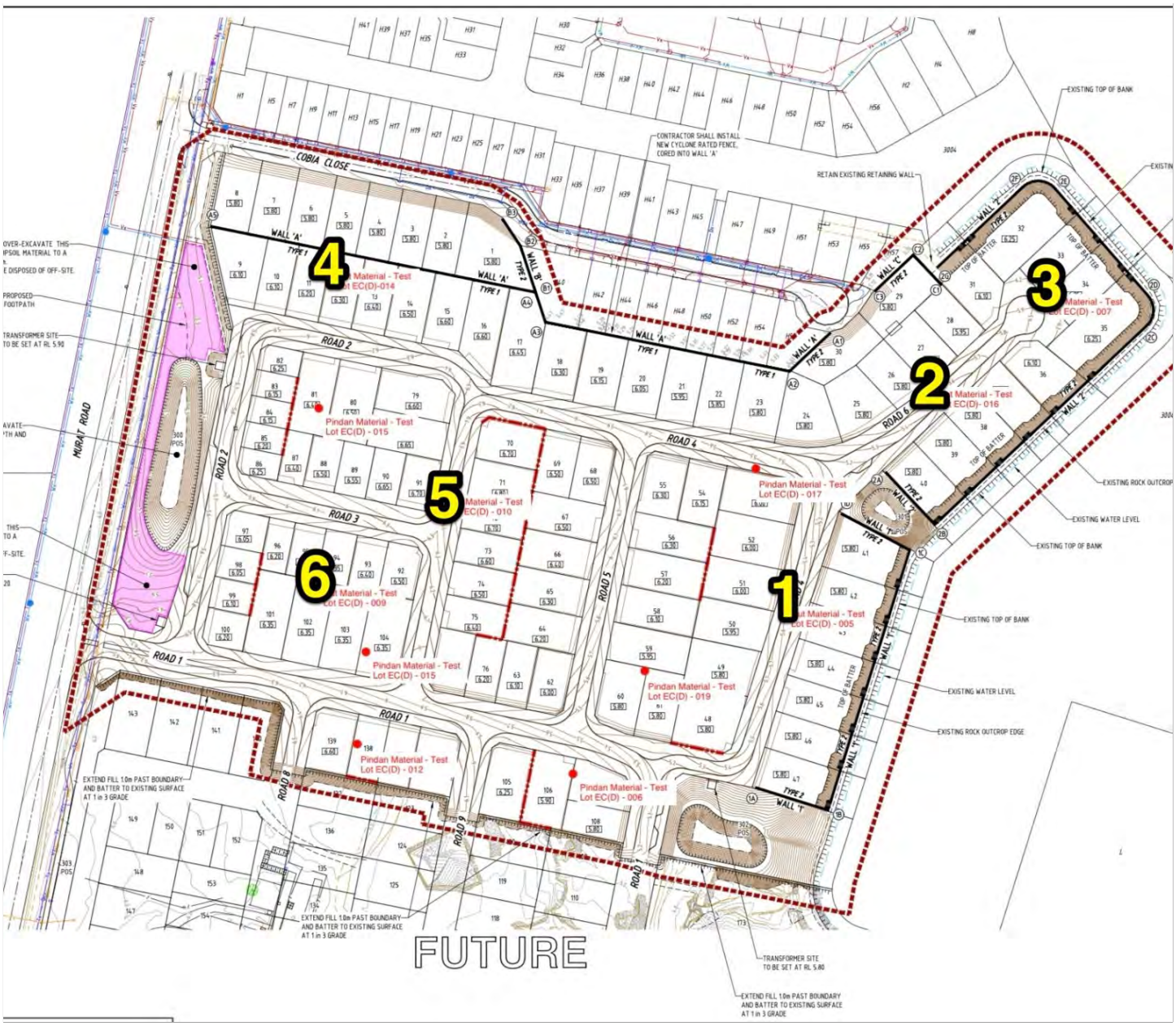
Client:	Exmouth Civil
Client Address:	15 Ingram St North West Cape WA 6707
Project:	Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Project No:	D378641

Accreditation Number 18742

NATA WORLD RECOGNISED ACCREDITATION

Approved Signatory: Pethreux Simon Cabral

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ABN: 71 349 772 837 / ACN: 008 966 283

Report Number: DDR:W26-00471
Date of Issue13/02/2026
Issue Number: 1

Dry Density Ratio Report

Client:	Exmouth Civil
Client Address:	15 Ingram St North West Cape WA 6707
Project:	Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Project No:	D378641

Accreditation Number 18742

NATA WORLD RECOGNISED ACCREDITATION

Approved Signatory: Pethreux Simon Cabral

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Sample Details

Location:	Stage 1 - Sand
Field Test Procedures:	AS 1289.5.8.1
Laboratory Test Procedures:	AS 1289.2.1.1, AS 1289.5.2.1, AS 1289.5.4.1
TRN:	-
Work Order ID:	W26-00471
Sampling Method:	AS1289 1.2.1 6.4 (b) - compacted
Material:	Sand

Sample Data

Sample ID	26S-01011	26S-01015	26S-01020	26S-01024	26S-01025	26S-01026
Field Sample ID	Site 1	Site 2	Site 3	Site 4	Site 5	Site 6
Date Sampled	05/02/2026	05/02/2026	05/02/2026	05/02/2026	05/02/2026	05/02/2026
Proposed Use	Fill	Fill	Fill	Fill	Fill	Fill
Time Tested	11:27	11:37	11:55	12:06	12:16	12:27

Field and Laboratory Data

Sample ID	26S-01011	26S-01015	26S-01020	26S-01024	26S-01025	26S-01026
Depth of Test (mm)	275	275	275	275	275	275
Depth of Layer (mm)	300	300	300	300	300	300
AS Sieve Size (mm)	19.0	19.0	19.0	19.0	19.0	19.0
Oversize Wet (%)	0	0	0	0	0	0
Oversize Dry (%)	0	0	0	0	0	0
Field Moisture Content (%)	3.2	2.2	6.5	5.4	7.1	5.5
Field Wet Density (t/m³)	2.02	1.97	2.11	2.02	2.06	2.09
Field Dry Density (t/m³)	1.96	1.93	1.98	1.92	1.92	1.98
Lab Result from Test No.	26S-01011	26S-01015	26S-01020	26S-01024	26S-01025	26S-01026
Maximum Dry Density (t/m³)	1.92	1.87	1.94	1.93	1.90	1.95
Optimum Moisture Content (%)	9.0	8.5	9.5	9.5	8.5	8.0
Compactive Effort	Modified	Modified	Modified	Modified	Modified	Modified
Moisture Ratio (%)	36.5	26.0	69.5	55.5	84.0	67.0
Moisture Variation	5.5 dry	6.5 dry	3.0 dry	4.5 dry	1.5 dry	2.5 dry
Density Ratio (%)	**102.0**	**103.0**	**102.0**	**99.5**	**101.5**	**101.5**

Comments

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Report Number: DDR:W26-00471
Date of Issue13/02/2026
Issue Number: 1

Dry Density Ratio Report

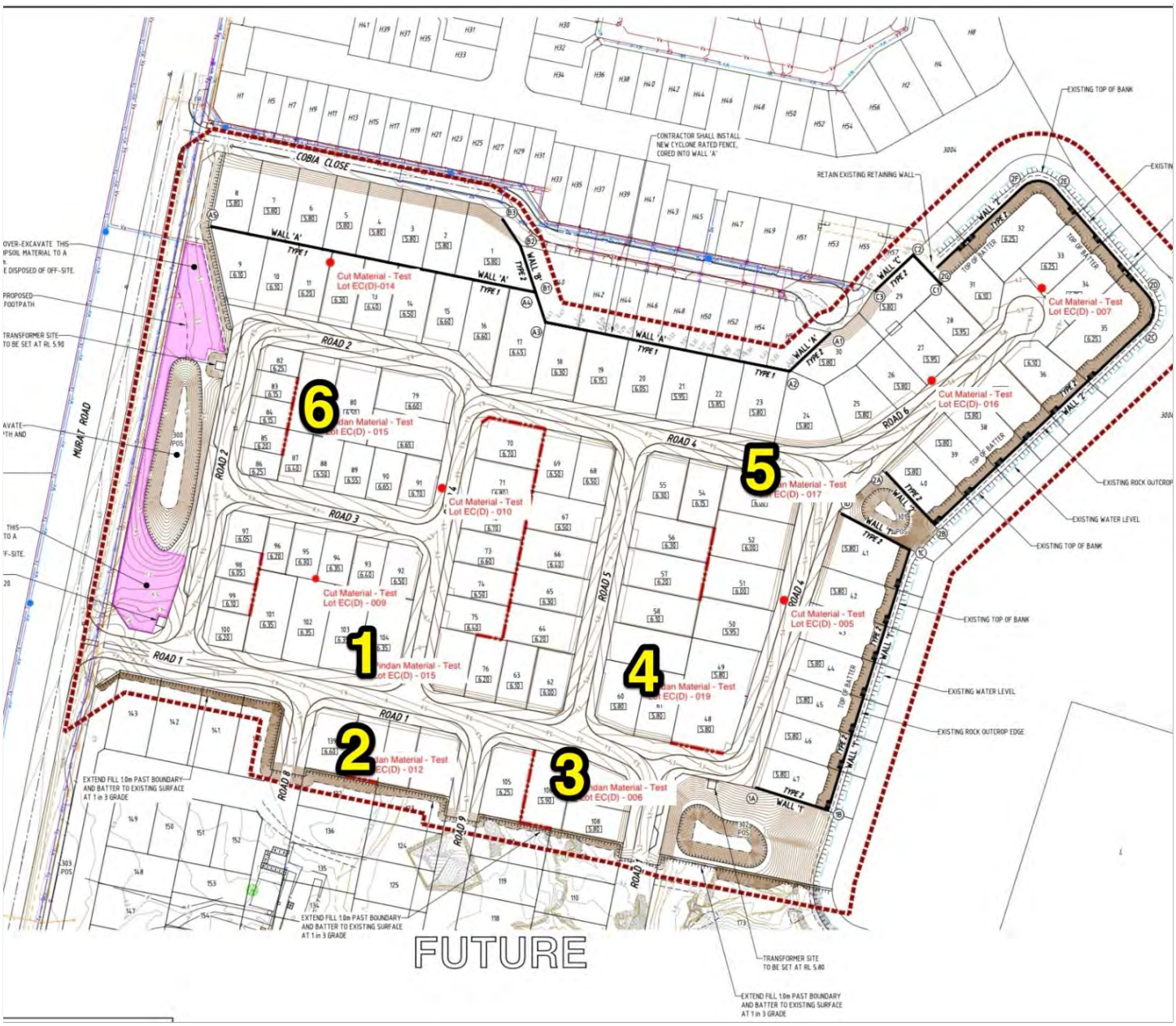
Client:	Exmouth Civil
Client Address:	15 Ingram St North West Cape WA 6707
Project:	Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Project No:	D378641

Accreditation Number 18742

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Daily Summary Field Report

Report No.: DSFR:W25-06447
Issue No.: 2
This report replaces all previous issues of report no. 'DSFR:W25-06447'.

Client: Exmouth Civil
15 Ingram St
North West Cape, WA 6707

Project: D378641 - Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Exmouth, WA

Reviewed By: Jacob Pritchard
Review Date: 12/15/2025

General Information

Work Date:	12/1/2025	**Representative:**	Jacob Pritchard
Weather:	Clear Sky	**Time Arrived:**	8:30 AM
Time Departed:	1:45 PM	**Time on Site (h):**	5.25
Contractor:	Exmouth Civil		
Equipment Observed:	14T Smooth Drum Roller SC68B 6 Wheel Watercart 26T Excavator Front end Loader		

Other Observations

Site Inspection Report

At the request of Exmouth Civil, a representative from Structerre Consulting attended the Exmouth Superlot - Sundrift Stage 1 project on the 1 December 2025 to conduct an earthworks assessment.

1. Topsoil Strip Assessment

At the time of assessment, Clearing Lot CL-01 (as shown on the attached plan) had been adequately stripped of all topsoil and vegetation. Minor hand removal of remaining loose vegetation may still be required.

2. Foundation Preparation Assessment

Foundation Preparation Lots FP-01 and FP-03 had been adequately moisture conditioned and proof compacted using a 14-tonne smooth drum roller.

Two localised soft areas were identified due to increased moisture content. As the two areas were adjacent, they were excavated as a single combined location to a depth of approximately 300 mm to expose firm ground. The excavated area was then remediated using Pindan Sand, moisture conditioned, and proof compacted with a 14-tonne smooth drum roller.

Following remediation, Lots FP-01 and FP-03 are considered suitable for placement and compaction of fill.

3. Stockpiled and Insitu Material Processing

Insitu cut material is currently being stockpiled and screened, together with existing stockpiled materials on site, to remove particles exceeding 100 mm in size.

The processed material is to be reused as structural fill no closer than 900 mm below finished level.

4. Method Specification Testing

Method specification testing was carried out on:
Insitu materials – Results available under W25-06458.
Imported Pindan Sand – Results available under W25-06459.

5. Quarry Material Sampling

Sampling for Particle Size Distribution (PSD), Atterberg Limits, and California Bearing Ratio (CBR) of the imported Pindan Sand was conducted at Exmouth Civil's quarry.
Results are available under W25-06457.

Site photos and plan attached for reference.

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Daily Summary Field Report

Report No.: DSFR:W25-06447
Issue No.: 2
This report replaces all previous issues of report no. 'DSFR:W25-06447'.

Client: Exmouth Civil
15 Ingram St
North West Cape, WA 6707

Project: D378641 - Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Exmouth, WA

Reviewed By: Jacob Pritchard
Review Date: 12/15/2025

Stripped Surface - Facing North East



Description:

Stripped Surface - Facing North



Description:

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Daily Summary Field Report

Report No.: DSFR:W25-06447
Issue No.: 2
This report replaces all previous issues of report no. 'DSFR:W25-06447'.

Client: Exmouth Civil
15 Ingram St
North West Cape, WA 6707

Project: D378641 - Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Exmouth, WA

Reviewed By: Jacob Pritchard
Review Date: 12/15/2025

POS



Description:

Stripped Surface - Facing South East



Description:

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Daily Summary Field Report

Report No.: DSFR:W25-06447
Issue No.: 2
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Client: Exmouth Civil
15 Ingram St
North West Cape, WA 6707

Project: D378641 - Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Exmouth, WA

Reviewed By: Jacob Pritchard
Review Date: 12/15/2025

Stripped Surface - Facing South



Description:

Stripped Surface - Northern Boundary



Description:

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Daily Summary Field Report

Report No.: DSFR:W25-06447
Issue No.: 2
This report replaces all previous issues of report no. 'DSFR:W25-06447'.

Client: Exmouth Civil
15 Ingram St
North West Cape, WA 6707

Project: D378641 - Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Exmouth, WA

Reviewed By: Jacob Pritchard
Review Date: 12/15/2025

Stripped Surface - Facing North West



Description:

Soft Zone 1 Excavation



Description:

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Daily Summary Field Report

Report No.: DSFR:W25-06447
Issue No.: 2
This report replaces all previous issues of report no. 'DSFR:W25-06447'.

Client: Exmouth Civil
15 Ingram St
North West Cape, WA 6707

Project: D378641 - Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Exmouth, WA

Reviewed By: Jacob Pritchard
Review Date: 12/15/2025

Soft Zone 2 Excavation



Description:

Proof Rolling



Description:

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Daily Summary Field Report

Report No.: DSFR:W25-06447
Issue No.: 2
This report replaces all previous issues of report no. 'DSFR:W25-06447'.

Client: Exmouth Civil
15 Ingram St
North West Cape, WA 6707

Project: D378641 - Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Exmouth, WA

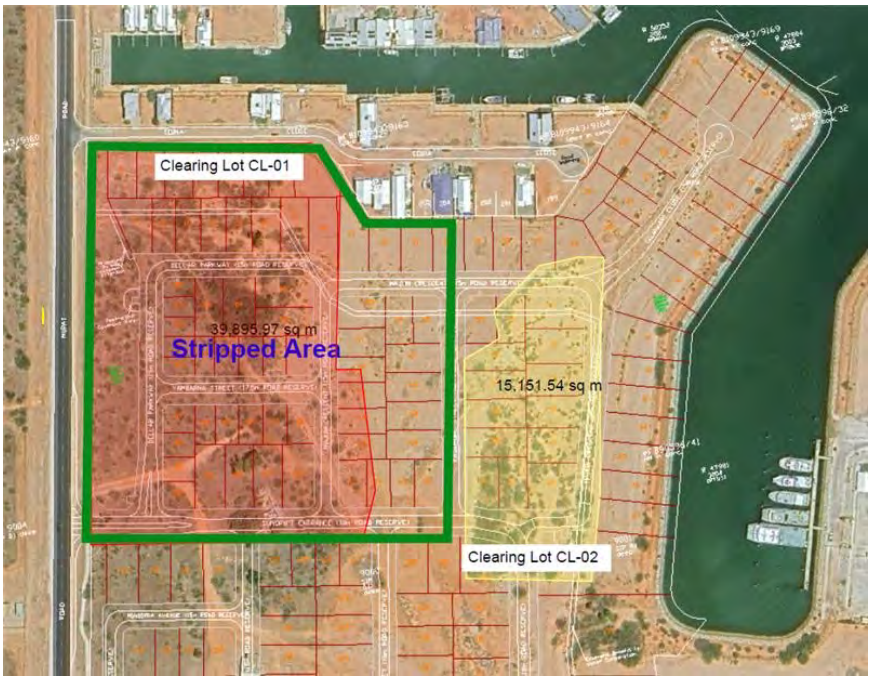
Reviewed By: Jacob Pritchard
Review Date: 12/15/2025

Remediated Soft Zones



Description:

Clearing Plan



Description:

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Daily Summary Field Report

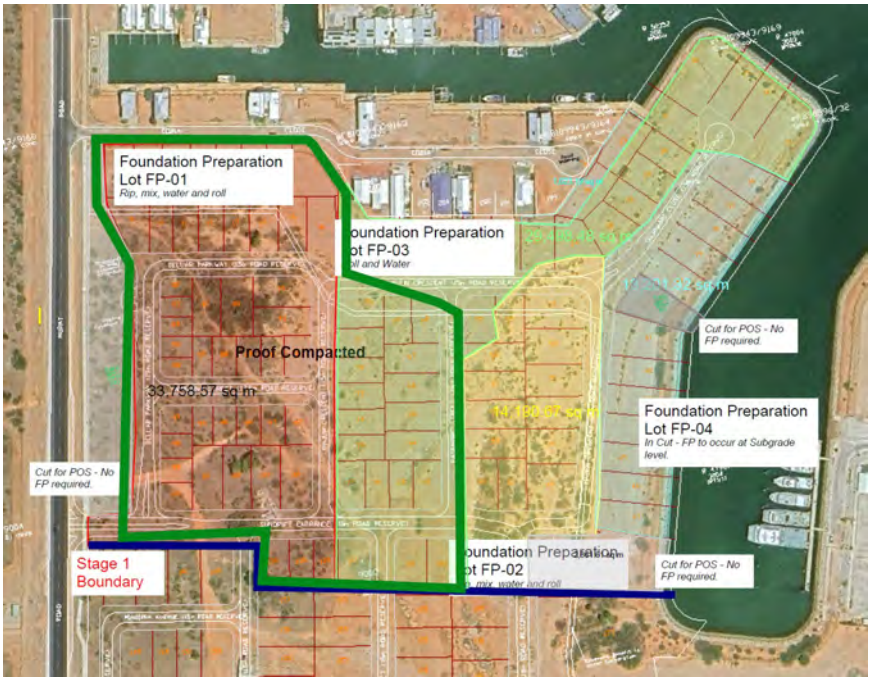
Report No.: DSFR:W25-06447
Issue No.: 2
This report replaces all previous issues of report no. 'DSFR:W25-06447'.

Client: Exmouth Civil
15 Ingram St
North West Cape, WA 6707

Project: D378641 - Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Exmouth, WA

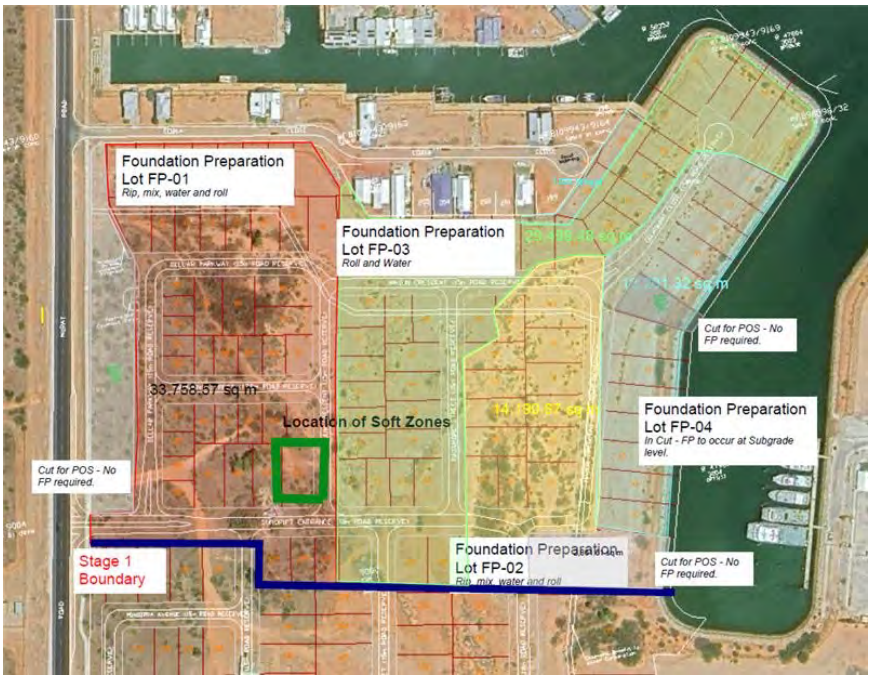
Reviewed By: Jacob Pritchard
Review Date: 12/15/2025

Foundation Preparation Plan



Description:

Soft Zone Plan



Description:

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Website: www.structerre.com.au
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Daily Summary Field Report

Report No.: DSFR:W26-00012
Issue No.: 1

Client: Exmouth Civil
15 Ingram St
North West Cape, WA 6707

Project: D378641 - Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Exmouth, WA

Reviewed By: Jacob Pritchard
Review Date: 1/6/2026

General Information

Work Date:	1/6/2026	**Representative:**	Jacob Pritchard
Weather:	Clear Sky	**Time Arrived:**	9:00 AM
Time Departed:	10:00 AM	**Time on Site (h):**	1.00
Contractor:	Exmouth Civil		

Other Observations

Site Inspection Report

At the request of Exmouth Civil, a representative from Structerre Consulting conducted an earthworks assessment for the Exmouth Superlot - Sundrift Stage 1 project on the 17th December 2025.

1. Topsoil Strip Assessment
At the time of assessment, Clearing Lot CL-02 (as shown on the attached plan) had been adequately stripped of all topsoil and vegetation. Minor hand removal of remaining loose vegetation may still be required.

2. Foundation Preparation Assessment
Foundation Preparation Lot FP-02 has been adequately moisture conditioned and proof compacted using a 14-tonne smooth drum roller.

Lot FP-02 is suitable for placement of fill.

Site plan and photos attached for reference.

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Daily Summary Field Report

Report No.: DSFR:W26-00012
Issue No.: 1

Client: Exmouth Civil
15 Ingram St
North West Cape, WA 6707

Project: D378641 - Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Exmouth, WA

Reviewed By: Jacob Pritchard
Review Date: 1/6/2026

east edge 1.jpg



Description:

east edge 2.jpg



Description:

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Daily Summary Field Report

Report No.: DSFR:W26-00012
Issue No.: 1

Client: Exmouth Civil
15 Ingram St
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Project: D378641 - Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Exmouth, WA

Reviewed By: Jacob Pritchard
Review Date: 1/6/2026

east edge 3.jpg



Description:

east edge 4.jpg



Description:

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Daily Summary Field Report

Report No.: DSFR:W26-00012
Issue No.: 1

Client: Exmouth Civil
15 Ingram St
North West Cape, WA 6707

Project: D378641 - Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Exmouth, WA

Reviewed By: Jacob Pritchard
Review Date: 1/6/2026

east edge 5.jpg



Description:

east edge 6.jpg



Description:

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Daily Summary Field Report

Report No.: DSFR:W26-00012
Issue No.: 1

Client: Exmouth Civil
15 Ingram St
North West Cape, WA 6707

Project: D378641 - Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Exmouth, WA

Reviewed By: Jacob Pritchard
Review Date: 1/6/2026

east edge 7.jpg



Description:

east edge 8.jpg



Description:

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Daily Summary Field Report

Report No.: DSFR:W26-00012
Issue No.: 1

Client: Exmouth Civil
15 Ingram St
North West Cape, WA 6707

Project: D378641 - Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Exmouth, WA

Reviewed By: Jacob Pritchard
Review Date: 1/6/2026

east edge 9.jpg



Description:

east edge 10.jpg



Description:

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Website: www.structerre.com.au
ABN: 71 349 772 837 / ACN: 008 966 283

Daily Summary Field Report

Report No.: DSFR:W26-00012
Issue No.: 1

Client: Exmouth Civil
15 Ingram St
North West Cape, WA 6707

Project: D378641 - Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Exmouth, WA

Reviewed By: Jacob Pritchard
Review Date: 1/6/2026

north edge 1.jpg



Description:

north edge 2.jpg



Description:

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north edge 3.jpg



Description:

north edge 4.jpg



Description:

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northeast corner.jpg



Description:

northwest corner.jpg



Description:

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south edge 1.jpg



Description:

south edge 2.jpg



Description:

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south edge 3.jpg



Description:

south edge 4.jpg



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south edge 5.jpg



Description:

south edge 6.jpg



Description:

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south edge 7.jpg



Description:

southeast corner.jpg



Description:

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southwest corner.jpg



Description:

west edge 1.jpg



Description:

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west edge 2.jpg



Description:

west edge 3.jpg



Description:

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west edge 4.jpg



Description:

west edge 5.jpg



Description:

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west edge 6.jpg



Description:

west edge 7.jpg



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west edge 8.jpg



Description:

west edge 9.jpg



Description:

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west edge 10.jpg



Description:

west edge 11.jpg



Description:

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west edge 12.jpg



Description:

west edge 13.jpg



Description:

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west edge 14.jpg



Description:

west edge 15.jpg



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west edge 16.jpg



Description:

west edge 17.jpg



Description:

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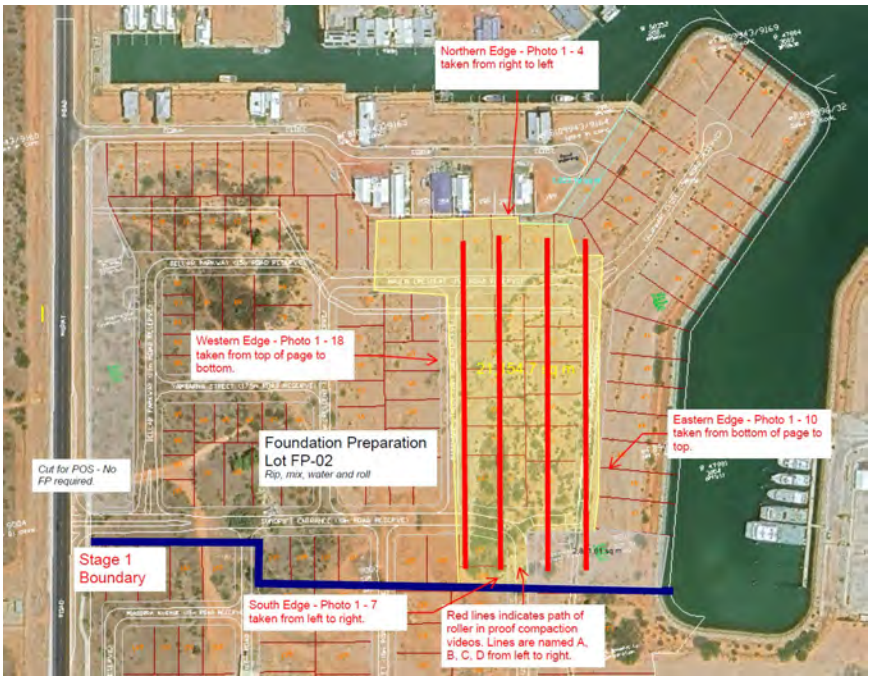
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west edge 18.jpg



Description:

site plan.png



Description:

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Daily Summary Field Report

Report No.: DSFR:W26-00409
Issue No.: 1

Client: Exmouth Civil
15 Ingram St
North West Cape, WA 6707

Project: D378641 - Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Exmouth, WA

Reviewed By: Jacob Pritchard
Review Date: 2/2/2026

General Information

Work Date:	1/16/2026	**Representative:**	Jacob Pritchard
Weather:	Clear Sky	**Time Arrived:**	12:00 PM
Time Departed:	1:00 PM	**Time on Site (h):**	1.00
Contractor:	Exmouth Civil		
Equipment Observed:	14T smooth drum roller.		

Other Observations

Site Inspection Report

At the request of Exmouth Civil, a representative from Structerre Consulting conducted an earthworks assessment for the Exmouth Superlot - Sundrift Stage 1 project on the 16 January 2026.

1. Foundation Preparation Assessment
Foundation Preparation Lots FP-04 and FP-05 have been adequately moisture conditioned and proof compacted using a 14-tonne smooth drum roller.

Lots FP-02 and FP-04 are suitable for placement of fill.

Site plan and photos attached for reference.

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img_1.jpg



Description:

img_2.jpg



Description:

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img_3.jpg



Description:

img_4.jpg



Description:

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img_5.jpg



Description:

img_6.jpg



Description:

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img_7.jpg



Description:

img_8.jpg



Description:

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img_9.jpg



Description:

img_10.jpg



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img_11.jpg



Description:

img_12.jpg



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img_13.jpg



Description:

img_14.jpg



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img_15.jpg



Description:

img_16.jpg



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img_17.jpg



Description:

img_18.jpg



Description:

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img_19.jpg



Description:

img_20.jpg



Description:

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img_21.jpg



Description:

img_22.jpg



Description:

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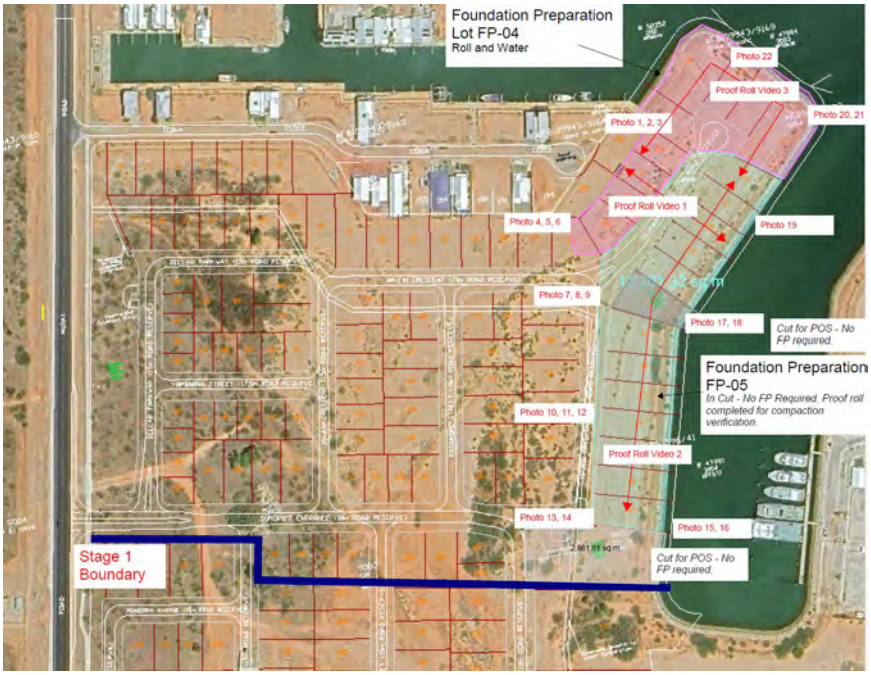
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site plan.png



Description:

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Report Number: MAT:25S-15679
Date of Issue17/12/2025
Issue Number: 1

Material Test Report

Client:	Exmouth Civil
Client Address:	15 Ingram St North West Cape WA 6707
Project:	Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Project No:	D378641

Accreditation Number 18742

NATA WORLD RECOGNISED ACCREDITATION

Approved Signatory: Jonty Sargent

Accredited for compliance with ISO/IEC 17025

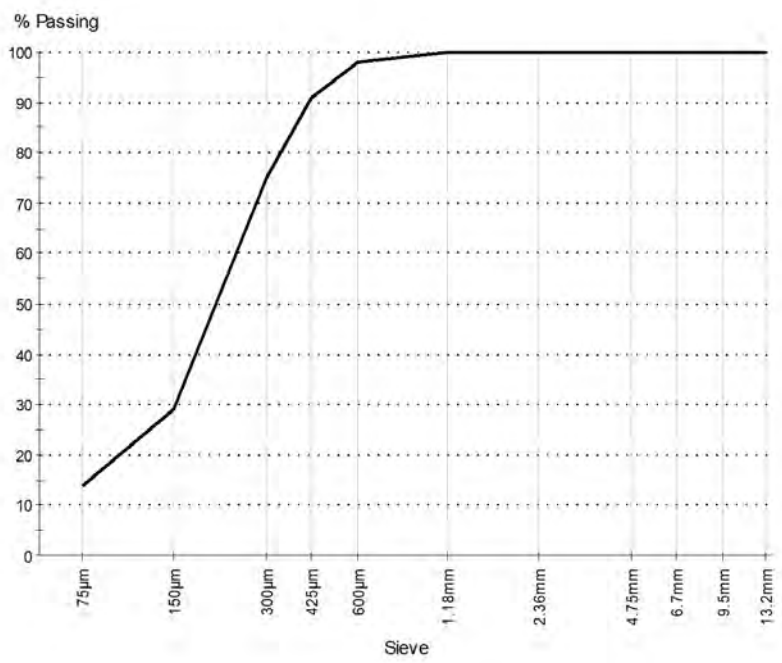
Sample Details

Sample ID	Pindan Import Fill
Field Sample ID	Sample 1
Date Tested	10/12/2025
Date Sampled	03/12/2025
Soil Description	Silty SAND
Proposed Use	Fill
Depth of Test	-
Depth of Layer	
Sampling Method	AS1289.1.2.1 6.2 - Sampling from stockpiles
TRN	-
Work Order ID	W25-06457

Other Test Results

Description	Method	Result	Limits
Sample History	AS 1289.1.1	Oven-dried	
Preparation	AS 1289.1.1	Dry Sieved	
Linear Shrinkage (%)	AS 1289.3.4.1	N/A	
Mould Length (mm)		250	
Crumbling		No	
Curling		No	
Cracking		No	
Liquid Limit (%)	AS 1289.3.1.2	N/A	
Plastic Limit (%)	AS 1289.3.2.1	NP	
Plasticity Index (%)	AS 1289.3.3.1	NP	
Date Tested		11/12/2025	

Particle Size Distribution



Method: AS 1289.3.6.1
Drying by: Oven
Date Tested: 10/12/2025

Note: Sample Washed

Sieve Size	% Passing	Limits
13.2mm	100	
9.5mm	100	
6.7mm	100	
4.75mm	100	
2.36mm	100	
1.18mm	100	
600µm	98	
425µm	91	
300µm	75	
150µm	29	
75µm	14	

Comments

NP = Non Plastic
N/A = Liquid Limit not obtainable - slips in cup.

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Date of Issue17/12/2025
Issue Number: 1

California Bearing Ratio Test Report

Client:	Exmouth Civil
Client Address:	15 Ingram St North West Cape WA 6707
Project:	Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Project No:	D378641

Accreditation Number 18742

NATA WORLD RECOGNISED ACCREDITATION

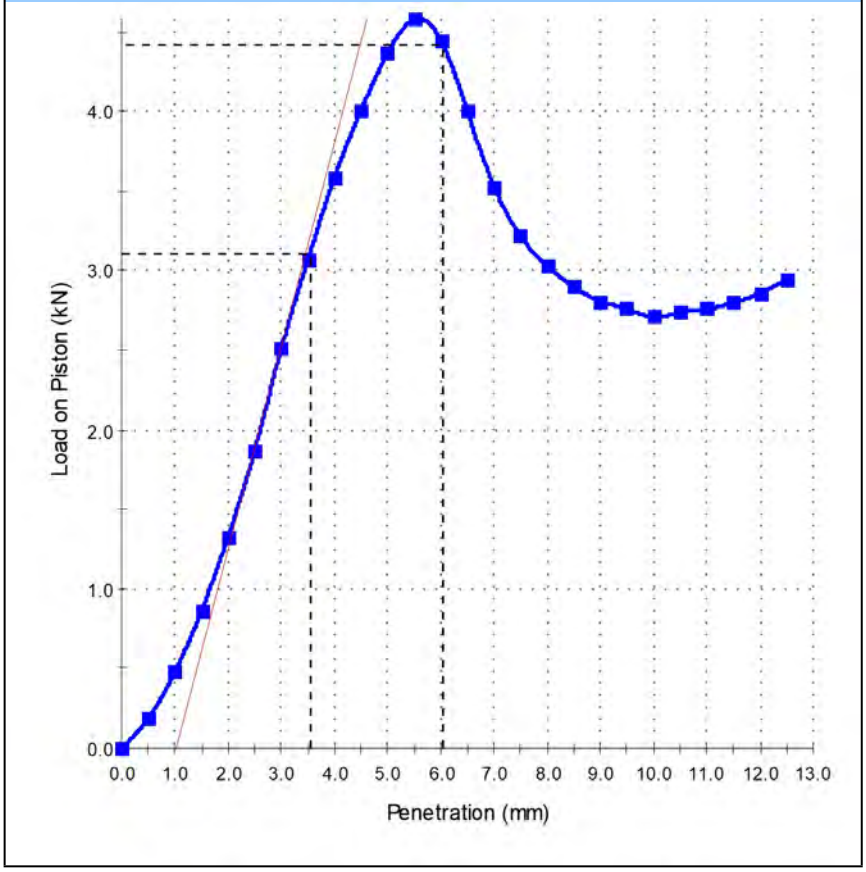
Approved Signatory: Jonty Sargent

Accredited for compliance with ISO/IEC 17025

Sample Details

Sample ID:	Pindan Import Fill	**Field Sample ID:**	Sample 1
Date Tested:	12/12/2025	**Date Sampled:**	03/12/2025
Soil Description:	Silty SAND	**Proposed Use:**	Fill
Depth of Test:	-	**Depth of Layer:**	
Sampling Method:	AS1289.1.2.1 6.2 - Sampling from stockpiles	**TRN:**	-
Work Order ID:	W25-06457		

Load vs Penetration



Test Results

	AS 1289.6.1.1
CBR at 2.5mm (%):	**25**
Dry Density before Soaking (t/m³):	1.76
Density Ratio before Soaking (%):	95.0
Moisture Content before Soaking (%):	10.2
Moisture Ratio before Soaking (%):	101.0
Dry Density after Soaking (t/m³):	1.76
Density Ratio after Soaking (%):	95.0
Swell (%):	0.0
Moisture Content of Top 30mm (%):	13.5
Moisture Content of Remaining Depth (%):	14.3
Compaction Hammer Used:	Modified AS 1289.5.2.1
Surcharge Mass (kg):	4.50
Period of Soaking (Days):	4
Retained on 19 mm Sieve (%):	0
CBR Moisture Content Method:	AS 1289.2.1.1
Sample Curing Time (h):	24
Plasticity Determination Method:	Visual/Tactile

Comments

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Report Number: MDD:25S-15679
Date of Issue17/12/2025
Issue Number: 1

Maximum Dry Density Report

Client:	Exmouth Civil
Client Address:	15 Ingram St North West Cape WA 6707
Project:	Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Project No:	D378641

Accreditation Number 18742

NATA WORLD RECOGNISED ACCREDITATION

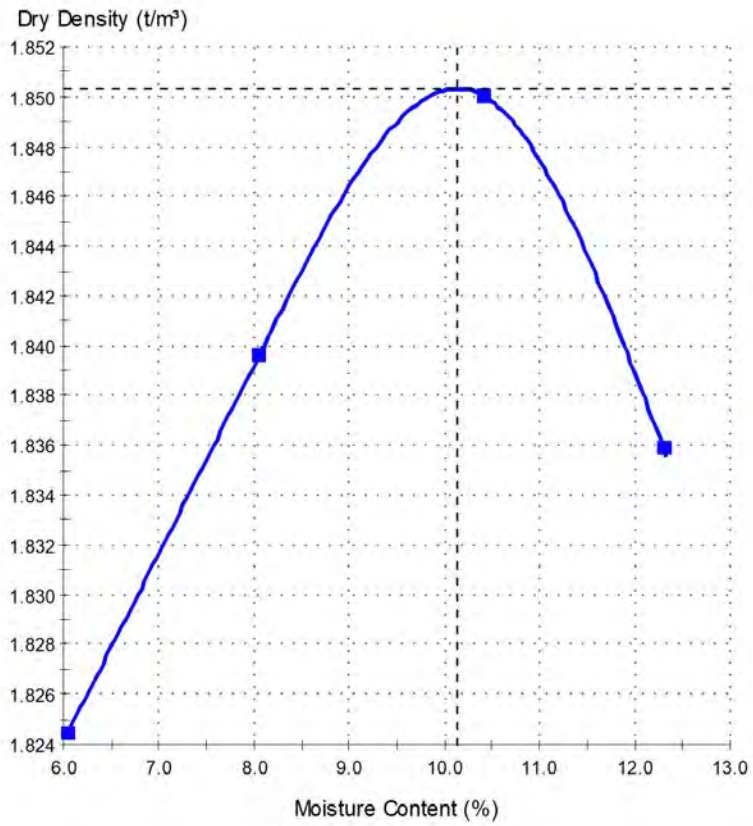
Approved Signatory: Jonty Sargent

Accredited for compliance with ISO/IEC 17025

Sample Details

Sample ID:	Pindan Import Fill	**Field Sample ID:**	Sample 1
Date Tested:	10/12/2025	**Date Sampled:**	03/12/2025
Soil Description:	Silty SAND	**Proposed Use:**	Fill
Depth of Test:	-	**Depth of Layer:**	
Sampling Method:	AS1289.1.2.1 6.2 - Sampling from stockpiles	**TRN:**	-
Work Order ID:	W25-06457		

Dry Density - Moisture Content Relationship



Test Results

AS 1289.5.2.1

Modified MDD (t/m³):	**1.85**
Modified OMC (%):	**10.0**
Retained Sieve (mm):	19.0
Oversize Material (%):	0
Curing Time (h):	2
LL Method:	Visual / Tactile

Comments

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Material Test Report

Report Number: MAT:25S-15680
Date of Issue:17/12/2025
Issue Number: 1

Client:	Exmouth Civil
Client Address:	15 Ingram St North West Cape WA 6707
Project:	Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Project No:	D378641

Accreditation Number 18742

NATA WORLD RECOGNISED ACCREDITATION

Approved Signatory: Jonty Sargent

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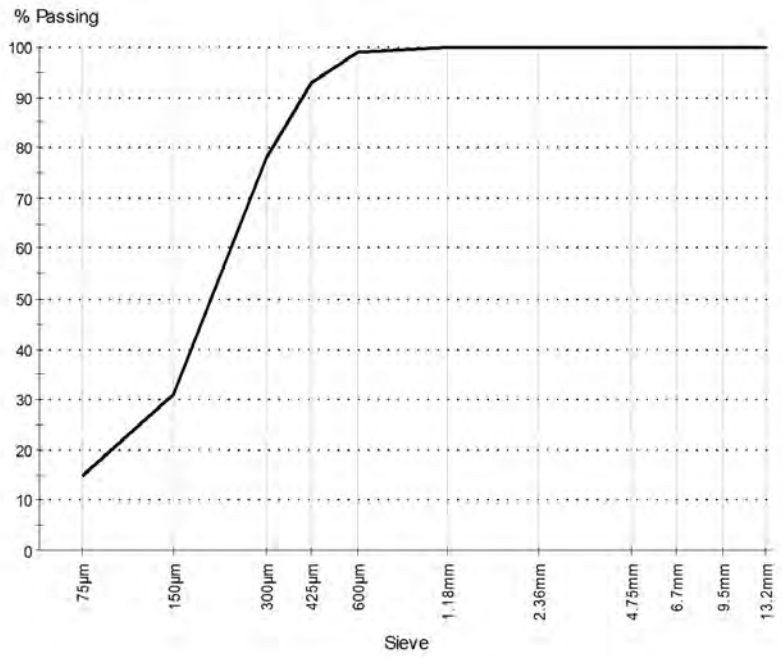
Sample Details

Sample ID	Pindan Import Fill
Field Sample ID	Sample 2
Date Tested	10/12/2025
Date Sampled	03/12/2025
Soil Description	Silty SAND
Proposed Use	Fill
Depth of Test	-
Depth of Layer	
Sampling Method	AS1289.1.2.1 6.2 - Sampling from stockpiles
TRN	-
Work Order ID	W25-06457

Other Test Results

Description	Method	Result	Limits
Sample History	AS 1289.1.1	Oven-dried	
Preparation	AS 1289.1.1	Dry Sieved	
Linear Shrinkage (%)	AS 1289.3.4.1	N/A	
Mould Length (mm)		250	
Crumbling		No	
Curling		No	
Cracking		No	
Liquid Limit (%)	AS 1289.3.1.2	N/A	
Plastic Limit (%)	AS 1289.3.2.1	NP	
Plasticity Index (%)	AS 1289.3.3.1	NP	
Date Tested		11/12/2025	

Particle Size Distribution



Method: AS 1289.3.6.1
Drying by: Oven
Date Tested: 10/12/2025

Note: Sample Washed

Sieve Size	% Passing	Limits
13.2mm	100	
9.5mm	100	
6.7mm	100	
4.75mm	100	
2.36mm	100	
1.18mm	100	
600µm	99	
425µm	93	
300µm	78	
150µm	31	
75µm	15	

Comments

NP = Non Plastic
N/A = Liquid Limit not obtainable - slips in cup.

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Report Number: MAT:25S-15681
Date of Issue17/12/2025
Issue Number: 1

Material Test Report

Client:	Exmouth Civil
Client Address:	15 Ingram St North West Cape WA 6707
Project:	Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Project No:	D378641

Accreditation Number 18742

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Approved Signatory: Jonty Sargent

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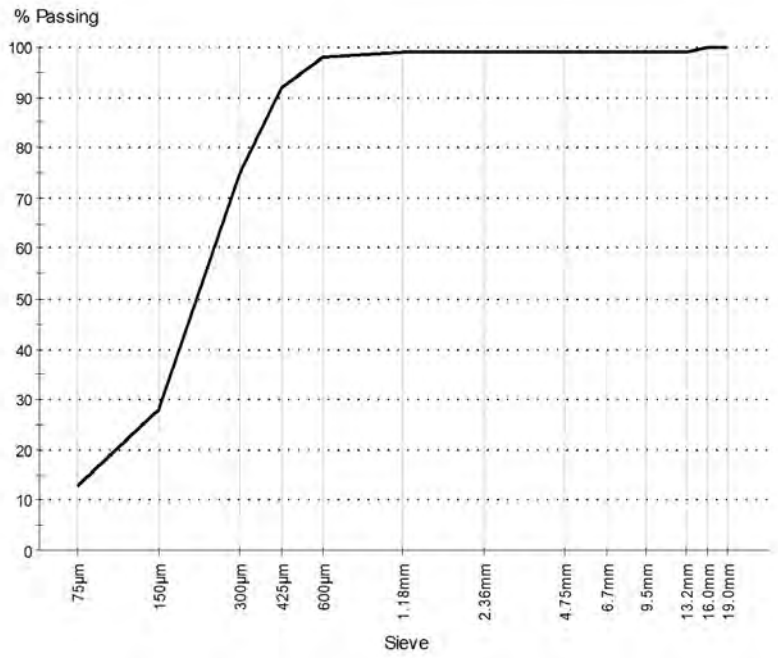
Sample Details

Sample ID	Pindan Import Fill
Field Sample ID	Sample 3
Date Tested	10/12/2025
Date Sampled	03/12/2025
Soil Description	Silty SAND trace gravel
Proposed Use	Fill
Depth of Test	-
Depth of Layer	
Sampling Method	AS1289.1.2.1 6.2 - Sampling from stockpiles
TRN	-
Work Order ID	W25-06457

Other Test Results

Description	Method	Result	Limits
Sample History	AS 1289.1.1	Oven-dried	
Preparation	AS 1289.1.1	Dry Sieved	
Linear Shrinkage (%)	AS 1289.3.4.1	N/A	
Mould Length (mm)		250	
Crumbling		No	
Curling		No	
Cracking		No	
Liquid Limit (%)	AS 1289.3.1.2	N/A	
Plastic Limit (%)	AS 1289.3.2.1	NP	
Plasticity Index (%)	AS 1289.3.3.1	NP	
Date Tested		11/12/2025	

Particle Size Distribution



Method: AS 1289.3.6.1
Drying by: Oven
Date Tested: 10/12/2025

Note: Sample Washed

Sieve Size	% Passing	Limits
19.0mm	100	
16.0mm	100	
13.2mm	99	
9.5mm	99	
6.7mm	99	
4.75mm	99	
2.36mm	99	
1.18mm	99	
600µm	98	
425µm	92	
300µm	75	
150µm	28	
75µm	13	

Comments

NP = Non Plastic
N/A = Liquid Limit not obtainable - slips in cup.

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Report Number: MAT:25S-15682
Date of Issue:17/12/2025
Issue Number: 1

Material Test Report

Client:	Exmouth Civil
Client Address:	15 Ingram St North West Cape WA 6707
Project:	Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Project No:	D378641

Accreditation Number 18742

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Approved Signatory: Jonty Sargent

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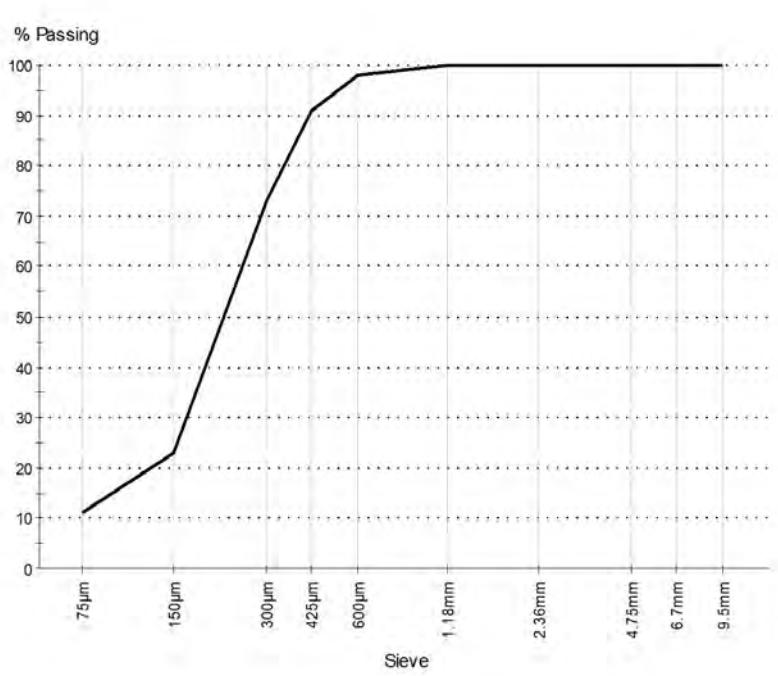
Sample Details

Sample ID	Pindan Import Fill
Field Sample ID	Sample 4
Date Tested	10/12/2025
Date Sampled	03/12/2025
Soil Description	SAND with silt
Proposed Use	Fill
Depth of Test	-
Depth of Layer	
Sampling Method	AS1289.1.2.1 6.2 - Sampling from stockpiles
TRN	-
Work Order ID	W25-06457

Other Test Results

Description	Method	Result	Limits
Sample History	AS 1289.1.1	Oven-dried	
Preparation	AS 1289.1.1	Dry Sieved	
Linear Shrinkage (%)	AS 1289.3.4.1	N/A	
Mould Length (mm)		250	
Crumbling		No	
Curling		No	
Cracking		No	
Liquid Limit (%)	AS 1289.3.1.2	N/A	
Plastic Limit (%)	AS 1289.3.2.1	NP	
Plasticity Index (%)	AS 1289.3.3.1	NP	
Date Tested		11/12/2025	

Particle Size Distribution



Method: AS 1289.3.6.1
Drying by: Oven
Date Tested: 10/12/2025

Note: Sample Washed

Sieve Size	% Passing	Limits
9.5mm	100	
6.7mm	100	
4.75mm	100	
2.36mm	100	
1.18mm	100	
600µm	98	
425µm	91	
300µm	73	
150µm	23	
75µm	11	

Comments

NP = Non Plastic
N/A = Liquid Limit not obtainable - slips in cup.

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Report Number: CBR:25S-15682
Date of Issue17/12/2025
Issue Number: 1

California Bearing Ratio Test Report

Client:	Exmouth Civil
Client Address:	15 Ingram St North West Cape WA 6707
Project:	Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Project No:	D378641

Accreditation Number 18742

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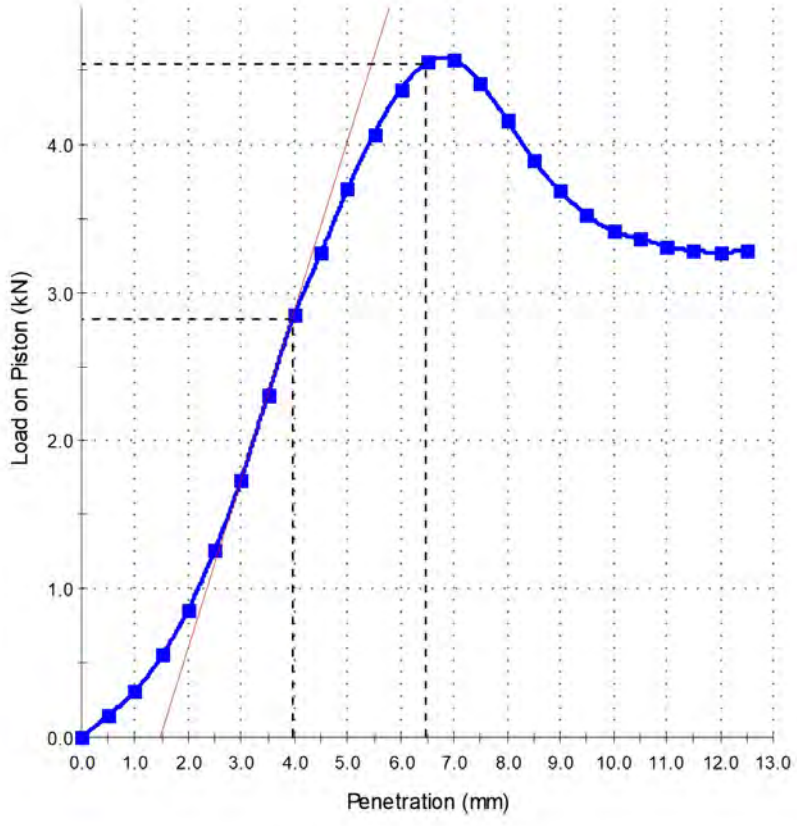
Approved Signatory: Jonty Sargent

Accredited for compliance with ISO/IEC 17025

Sample Details

Sample ID:	Pindan Import Fill	**Field Sample ID:**	Sample 4
Date Tested:	12/12/2025	**Date Sampled:**	03/12/2025
Soil Description:	SAND with silt	**Proposed Use:**	Fill
Depth of Test:	-	**Depth of Layer:**	
Sampling Method:	AS1289.1.2.1 6.2 - Sampling from stockpiles	**TRN:**	-
Work Order ID:	W25-06457		

Load vs Penetration



Test Results

	AS 1289.6.1.1
CBR at 5.0mm (%):	**25**
Dry Density before Soaking (t/m³):	1.73
Density Ratio before Soaking (%):	95.5
Moisture Content before Soaking (%):	10.6
Moisture Ratio before Soaking (%):	101.0
Dry Density after Soaking (t/m³):	1.74
Density Ratio after Soaking (%):	95.5
Swell (%):	0.0
Moisture Content of Top 30mm (%):	14.1
Moisture Content of Remaining Depth (%):	15.4
Compaction Hammer Used:	Modified AS 1289.5.2.1
Surcharge Mass (kg):	4.50
Period of Soaking (Days):	4
Retained on 19 mm Sieve (%):	0
CBR Moisture Content Method:	AS 1289.2.1.1
Sample Curing Time (h):	24
Plasticity Determination Method:	Visual/Tactile

Comments

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Report Number: MDD:25S-15682
Date of Issue17/12/2025
Issue Number: 1

Maximum Dry Density Report

Client:	Exmouth Civil
Client Address:	15 Ingram St North West Cape WA 6707
Project:	Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Project No:	D378641

Accreditation Number 18742

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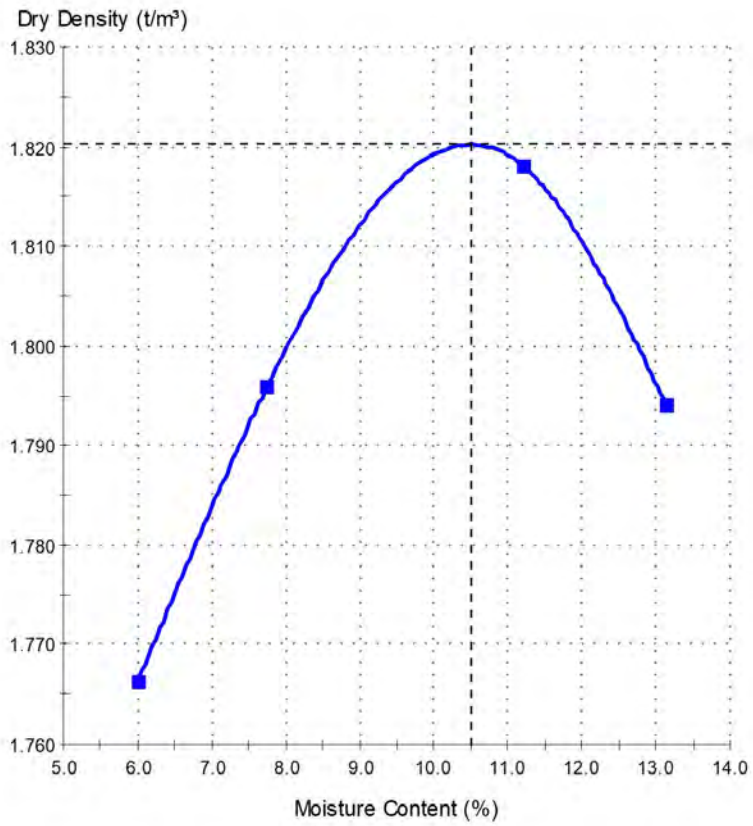
Approved Signatory: Jonty Sargent

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Sample Details

Sample ID:	Pindan Import Fill	**Field Sample ID:**	Sample 4
Date Tested:	10/12/2025	**Date Sampled:**	03/12/2025
Soil Description:	SAND with silt	**Proposed Use:**	Fill
Depth of Test:	-	**Depth of Layer:**	
Sampling Method:	AS1289.1.2.1 6.2 - Sampling from stockpiles	**TRN:**	-
Work Order ID:	W25-06457		

Dry Density - Moisture Content Relationship



Test Results

AS 1289.5.2.1

Modified MDD (t/m³):	**1.82**
Modified OMC (%):	**10.5**
Retained Sieve (mm):	19.0
Oversize Material (%):	0
Curing Time (h):	2
LL Method:	Visual / Tactile

Comments

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Report Number: MDD:25S-15682
Date of Issue17/12/2025
Issue Number: 1

Maximum Dry Density Report

Client:	Exmouth Civil
Client Address:	15 Ingram St North West Cape WA 6707
Project:	Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Project No:	D378641

Accreditation Number 18742

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Report Number: MAT:26S-00258
Date of Issue:19/01/2026
Issue Number: 1

Material Test Report

Client:	Exmouth Civil
Client Address:	15 Ingram St North West Cape WA 6707
Project:	Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Project No:	D378641

Accreditation Number 18742

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Approved Signatory: Jonty Sargent

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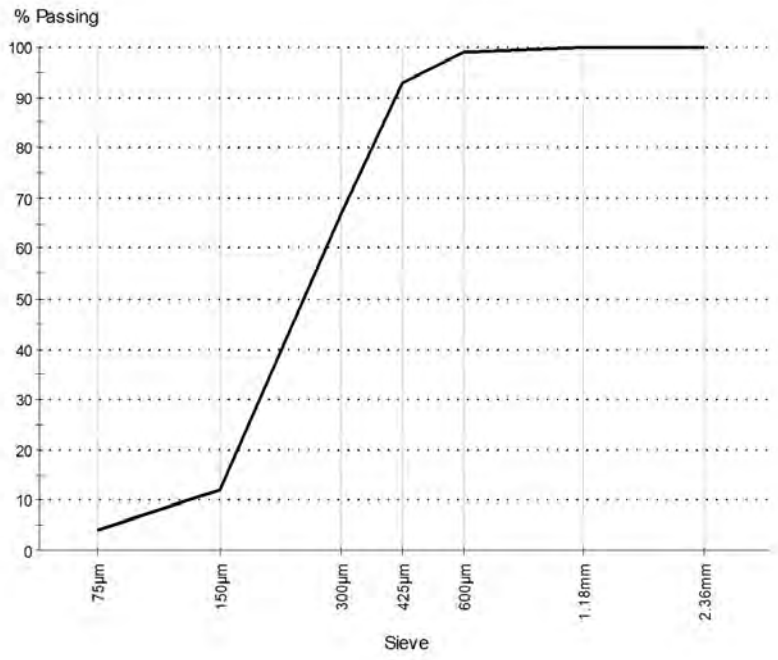
Sample Details

Sample ID	Pindan Import Fill
Field Sample ID	Sample 1
Date Tested	15/01/2026
Date Sampled	13/01/2026
Soil Description	SAND trace fines
Proposed Use	Fill
Depth of Test	500 - 1000
Depth of Layer	
Sampling Method	Sample submitted by client
TRN	-
Work Order ID	W26-00112

Other Test Results

Description	Method	Result	Limits
Sample History	AS 1289.1.1	Oven-dried	
Preparation	AS 1289.1.1	Dry Sieved	
Linear Shrinkage (%)	AS 1289.3.4.1	N/A	
Mould Length (mm)		250	
Crumbling		No	
Curling		No	
Cracking		No	
Liquid Limit (%)	AS 1289.3.1.2	N/A	
Plastic Limit (%)	AS 1289.3.2.1	NP	
Plasticity Index (%)	AS 1289.3.3.1	NP	
Date Tested		15/01/2026	

Particle Size Distribution



Method: AS 1289.3.6.1
Drying by: Oven
Date Tested: 16/01/2026

Note: Sample Washed

Sieve Size	% Passing	Limits
2.36mm	100	
1.18mm	100	
600µm	99	
425µm	93	
300µm	67	
150µm	12	
75µm	4	

Comments

NP = Non Plastic
N/A = Liquid Limit not obtainable - slips in cup.

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Report Number: MAT:26S-00259
Date of Issue:19/01/2026
Issue Number: 1

Material Test Report

Client:	Exmouth Civil
Client Address:	15 Ingram St North West Cape WA 6707
Project:	Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Project No:	D378641

Accreditation Number 18742

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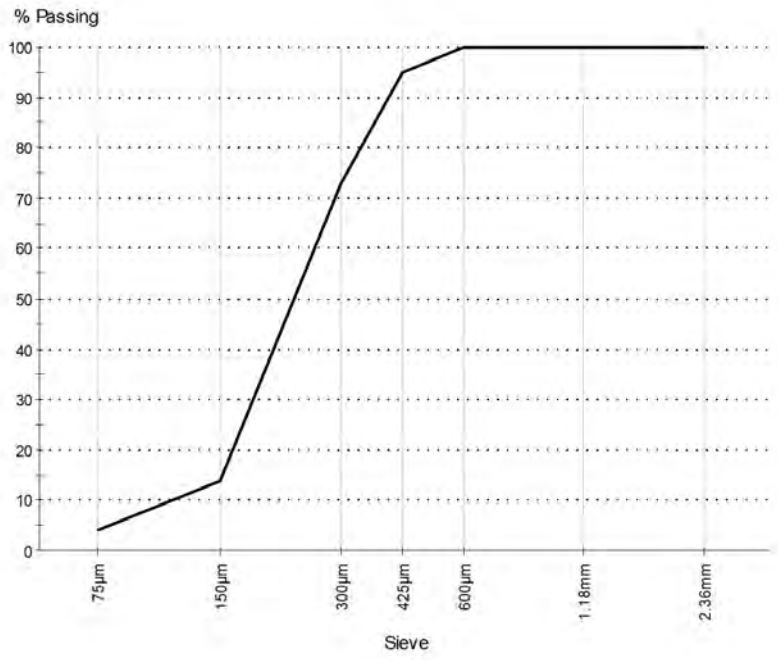
Sample Details

Sample ID	Pindan Import Fill
Field Sample ID	Sample 2
Date Tested	15/01/2026
Date Sampled	13/01/2026
Soil Description	SAND trace fines
Proposed Use	Fill
Depth of Test	500 - 1000
Depth of Layer	
Sampling Method	Sample submitted by client
TRN	-
Work Order ID	W26-00112

Other Test Results

Description	Method	Result	Limits
Sample History	AS 1289.1.1	Oven-dried	
Preparation	AS 1289.1.1	Dry Sieved	
Linear Shrinkage (%)	AS 1289.3.4.1	N/A	
Mould Length (mm)		250	
Crumbling		No	
Curling		No	
Cracking		No	
Liquid Limit (%)	AS 1289.3.1.2	N/A	
Plastic Limit (%)	AS 1289.3.2.1	NP	
Plasticity Index (%)	AS 1289.3.3.1	NP	
Date Tested		15/01/2026	

Particle Size Distribution



Method: AS 1289.3.6.1
Drying by: Oven
Date Tested: 16/01/2026

Note: Sample Washed

Sieve Size	% Passing	Limits
2.36mm	100	
1.18mm	100	
600µm	100	
425µm	95	
300µm	73	
150µm	14	
75µm	4	

Comments

NP = Non Plastic
N/A = Liquid Limit not obtainable - slips in cup.

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Material Test Report

Report Number: MAT:26S-00260
Date of Issue19/01/2026
Issue Number: 1

Client:	Exmouth Civil
Client Address:	15 Ingram St North West Cape WA 6707
Project:	Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Project No:	D378641

Accreditation Number 18742

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Approved Signatory: Jonty Sargent

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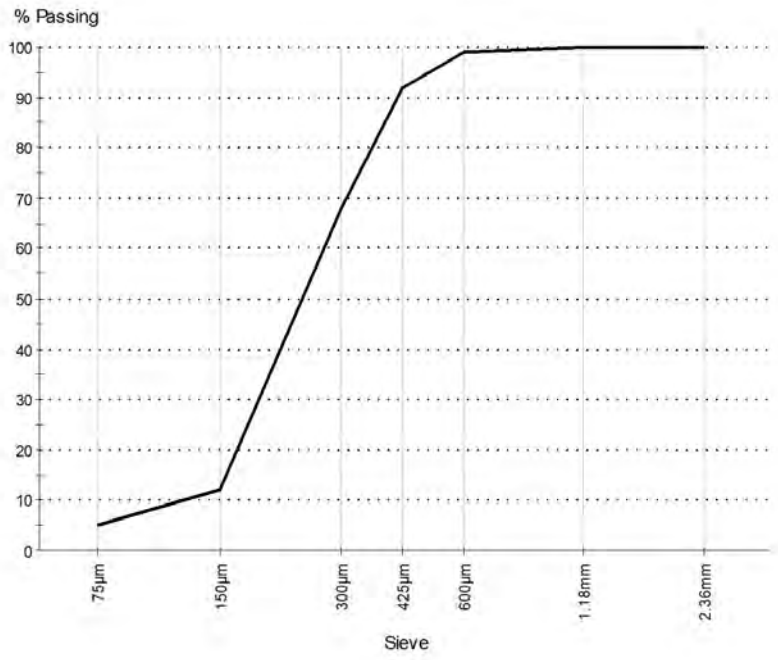
Sample Details

Sample ID	Pindan Import Fill
Field Sample ID	Sample 3
Date Tested	15/01/2026
Date Sampled	13/01/2026
Soil Description	SAND trace fines
Proposed Use	Fill
Depth of Test	500 - 1000
Depth of Layer	
Sampling Method	Sample submitted by client
TRN	-
Work Order ID	W26-00112

Other Test Results

Description	Method	Result	Limits
Sample History	AS 1289.1.1	Oven-dried	
Preparation	AS 1289.1.1	Dry Sieved	
Linear Shrinkage (%)	AS 1289.3.4.1	N/A	
Mould Length (mm)		250	
Crumbling		No	
Curling		No	
Cracking		No	
Liquid Limit (%)	AS 1289.3.1.2	N/A	
Plastic Limit (%)	AS 1289.3.2.1	NP	
Plasticity Index (%)	AS 1289.3.3.1	NP	
Date Tested		15/01/2026	

Particle Size Distribution



Method: AS 1289.3.6.1
Drying by: Oven
Date Tested: 16/01/2026

Note: Sample Washed

Sieve Size	% Passing	Limits
2.36mm	100	
1.18mm	100	
600µm	99	
425µm	92	
300µm	68	
150µm	12	
75µm	5	

Comments

NP = Non Plastic
N/A = Liquid Limit not obtainable - slips in cup.

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Report Number: MAT:26S-00261
Date of Issue19/01/2026
Issue Number: 1

Material Test Report

Client:	Exmouth Civil
Client Address:	15 Ingram St North West Cape WA 6707
Project:	Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Project No:	D378641

Accreditation Number 18742

NATA WORLD RECOGNISED ACCREDITATION

Approved Signatory: Jonty Sargent

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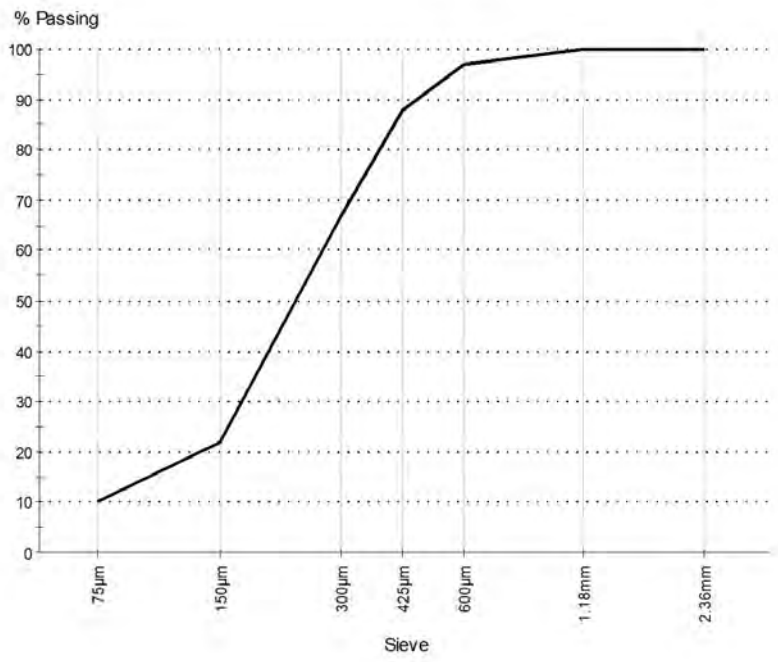
Sample Details

Sample ID	Pindan Import Fill
Field Sample ID	Sample 4
Date Tested	15/01/2026
Date Sampled	13/01/2026
Soil Description	SAND with fines
Proposed Use	Fill
Depth of Test	500 - 1000
Depth of Layer	
Sampling Method	Sample submitted by client
TRN	-
Work Order ID	W26-00112

Other Test Results

Description	Method	Result	Limits
Sample History	AS 1289.1.1	Oven-dried	
Preparation	AS 1289.1.1	Dry Sieved	
Linear Shrinkage (%)	AS 1289.3.4.1	N/A	
Mould Length (mm)		250	
Crumbling		No	
Curling		No	
Cracking		No	
Liquid Limit (%)	AS 1289.3.1.2	N/A	
Plastic Limit (%)	AS 1289.3.2.1	NP	
Plasticity Index (%)	AS 1289.3.3.1	NP	
Date Tested		15/01/2026	

Particle Size Distribution



Method: AS 1289.3.6.1
Drying by: Oven
Date Tested: 16/01/2026

Note: Sample Washed

Sieve Size	% Passing	Limits
2.36mm	100	
1.18mm	100	
600µm	97	
425µm	88	
300µm	67	
150µm	22	
75µm	10	

Comments

NP = Non Plastic
N/A = Liquid Limit not obtainable - slips in cup.

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ABN: 71 349 772 837 / ACN: 008 966 283

Report Number: MAT:26S-00262
Date of Issue:19/01/2026
Issue Number: 1

Material Test Report

Client:	Exmouth Civil
Client Address:	15 Ingram St North West Cape WA 6707
Project:	Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Project No:	D378641

Accreditation Number 18742

NATA WORLD RECOGNISED ACCREDITATION

Approved Signatory: Jonty Sargent

Accredited for compliance with ISO/IEC 17025

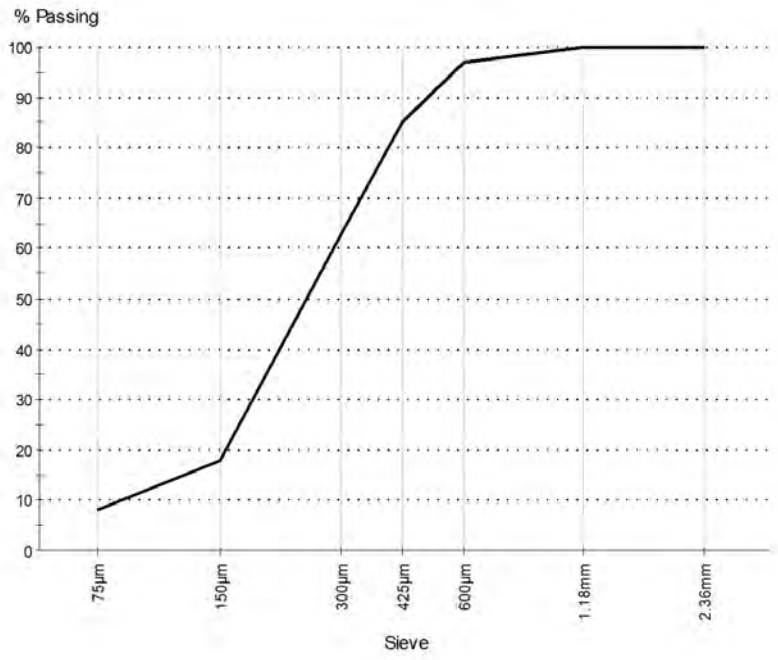
Sample Details

Sample ID	Pindan Import Fill
Field Sample ID	Sample 5
Date Tested	15/01/2026
Date Sampled	13/01/2026
Soil Description	SAND with fines
Proposed Use	Fill
Depth of Test	500 - 1000
Depth of Layer	
Sampling Method	Sample submitted by client
TRN	-
Work Order ID	W26-00112

Other Test Results

Description	Method	Result	Limits
Sample History	AS 1289.1.1	Oven-dried	
Preparation	AS 1289.1.1	Dry Sieved	
Linear Shrinkage (%)	AS 1289.3.4.1	N/A	
Mould Length (mm)		250	
Crumbling		No	
Curling		No	
Cracking		No	
Liquid Limit (%)	AS 1289.3.1.2	N/A	
Plastic Limit (%)	AS 1289.3.2.1	NP	
Plasticity Index (%)	AS 1289.3.3.1	NP	
Date Tested		15/01/2026	

Particle Size Distribution



Method: AS 1289.3.6.1
Drying by: Oven
Date Tested: 16/01/2026

Note: Sample Washed

Sieve Size	% Passing	Limits
2.36mm	100	
1.18mm	100	
600µm	97	
425µm	85	
300µm	63	
150µm	18	
75µm	8	

Comments

NP = Non Plastic
N/A = Liquid Limit not obtainable - slips in cup.

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ABN: 71 349 772 837 / ACN: 008 966 283

Material Test Report

Report Number: MAT:26S-00262
Date of Issue19/01/2026
Issue Number: 1

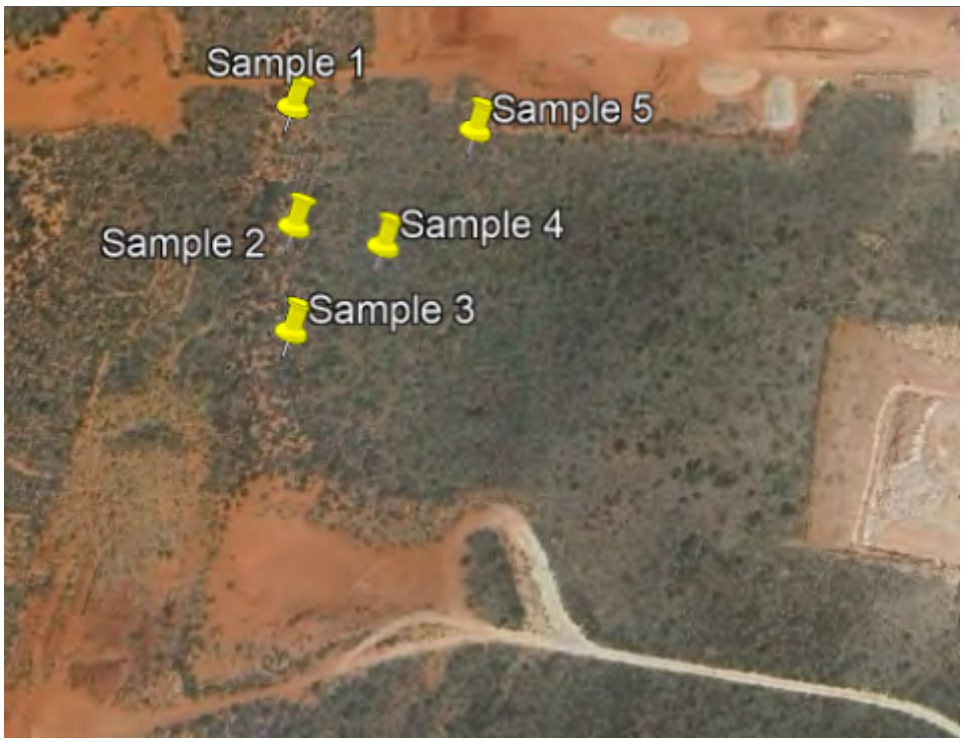
Client:	Exmouth Civil
Client Address:	15 Ingram St North West Cape WA 6707
Project:	Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Project No:	D378641

Accreditation Number 18742

NATA
WORLD RECOGNISED ACCREDITATION

Approved Signatory: Jonty Sargent

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ABN: 71 349 772 837 / ACN: 008 966 283

Report Number: MDD:26S-00343
Date of Issue21/01/2026
Issue Number: 1

Maximum Dry Density Report

Client:	Exmouth Civil
Client Address:	15 Ingram St North West Cape WA 6707
Project:	Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Project No:	D378641

Accreditation Number 18742

NATA WORLD RECOGNISED ACCREDITATION

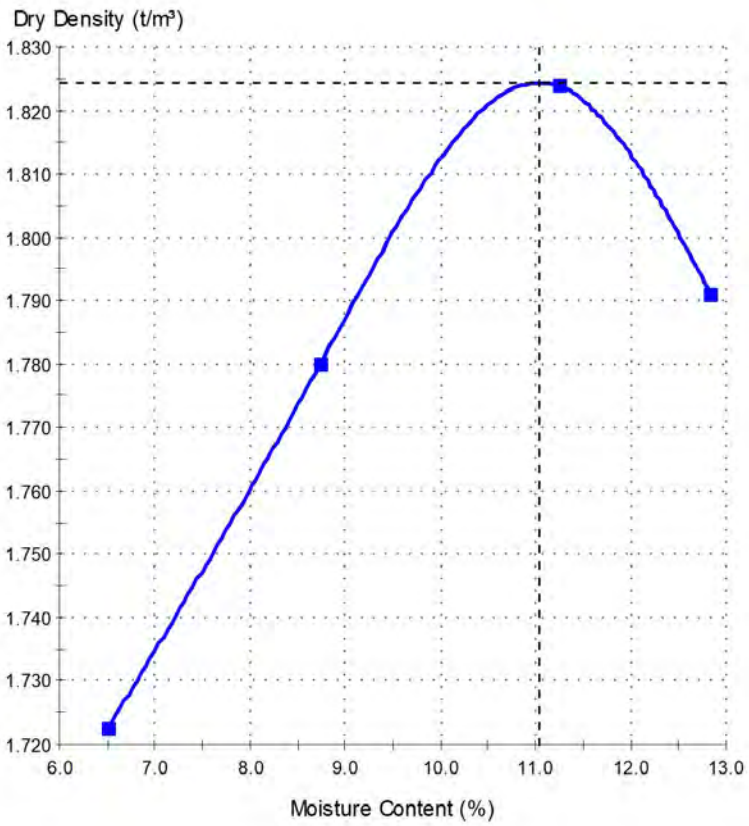
Approved Signatory: Jonty Sargent

Accredited for compliance with ISO/IEC 17025

Sample Details

Sample ID:	Pindan Import Fill	**Field Sample ID:**	Sample 1
Date Tested:	16/01/2026	**Date Sampled:**	15/01/2026
Soil Description:	Sand with silt	**Proposed Use:**	Fill
Depth of Test:	-	**Depth of Layer:**	
Sampling Method:	Sample submitted by client	**TRN:**	-
Work Order ID:	W26-00155		

Dry Density - Moisture Content Relationship



Test Results

AS 1289.5.2.1

Modified MDD (t/m³):	**1.82**
Modified OMC (%):	**11.0**
Retained Sieve (mm):	19.0
Oversize Material (%):	0
Curing Time (h):	2
LL Method:	Visual / Tactile

Comments

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Material Test Report

Report Number: MAT:26S-00343
Date of Issue21/01/2026
Issue Number: 1

Client:	Exmouth Civil
Client Address:	15 Ingram St North West Cape WA 6707
Project:	Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Project No:	D378641



Approved Signatory: Jonty Sargent

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Sample Details

Sample ID	Pindan Import Fill
Field Sample ID	Sample 1
Date Tested	16/01/2026
Date Sampled	15/01/2026
Soil Description	Sand with silt
Proposed Use	Fill
Depth of Test	-
Depth of Layer	
Sampling Method	Sample submitted by client
TRN	-
Work Order ID	W26-00155

Test Results

Description	Method	Result	Limits
Ash Content (%)	ASTM D 2974	99.8	
Organic Content (%)		0.2	
Furnace Temperature (°C)		440	
Moisture Content (%)		0	
Moisture contents are proportioned by		oven-dried mass	
Moisture Content Method (A or B)		A	
Ash Content Method (C or D)		C	
Date Tested		20/01/2026	

Comments

N/A

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ABN: 71 349 772 837 / ACN: 008 966 283

Report Number: MAT:26S-00343
Date of Issue21/01/2026
Issue Number: 1

Material Test Report

Client:	Exmouth Civil
Client Address:	15 Ingram St North West Cape WA 6707
Project:	Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Project No:	D378641

Approved Signatory: Jonty Sargent

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ABN: 71 349 772 837 / ACN: 008 966 283

Material Test Report

Report Number: MAT:26S-07524
Date of Issue23/06/2026
Issue Number: 1

Client:	Exmouth Civil
Client Address:	15 Ingram St North West Cape WA 6707
Project:	Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Project No:	D378641

Accreditation Number 18742

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Approved Signatory: Jonty Sargent

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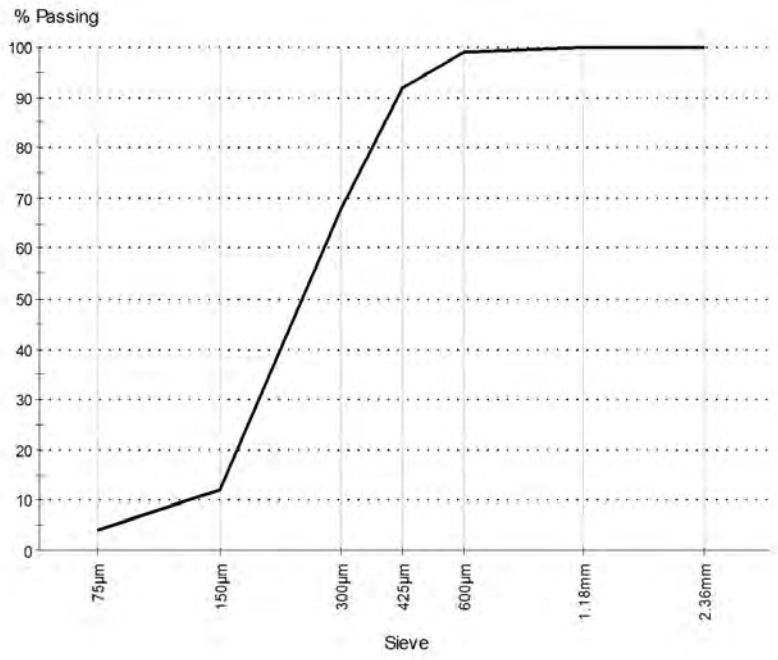
Sample Details

Sample ID	Import Fill
Field Sample ID	Sample 1
Date Tested	20/06/2026
Date Sampled	15/06/2026
Soil Description	SAND trace silt
Proposed Use	Fill
Depth of Test	-
Depth of Layer	
Sampling Method	Sample submitted by client
TRN	-
Work Order ID	W26-02946

Other Test Results

Description	Method	Result	Limits

Particle Size Distribution



Method: AS 1289.3.6.1
Drying by: Oven
Date Tested: 20/06/2026

Note: Sample Washed

Sieve Size	% Passing	Limits
2.36mm	100	
1.18mm	100	
600µm	99	
425µm	92	
300µm	68	
150µm	12	
75µm	4	

Comments

N/A

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Material Test Report

Report Number: MAT:26S-07525
Date of Issue23/06/2026
Issue Number: 1

Client:	Exmouth Civil
Client Address:	15 Ingram St North West Cape WA 6707
Project:	Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Project No:	D378641

Accreditation Number 18742

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Approved Signatory: Jonty Sargent

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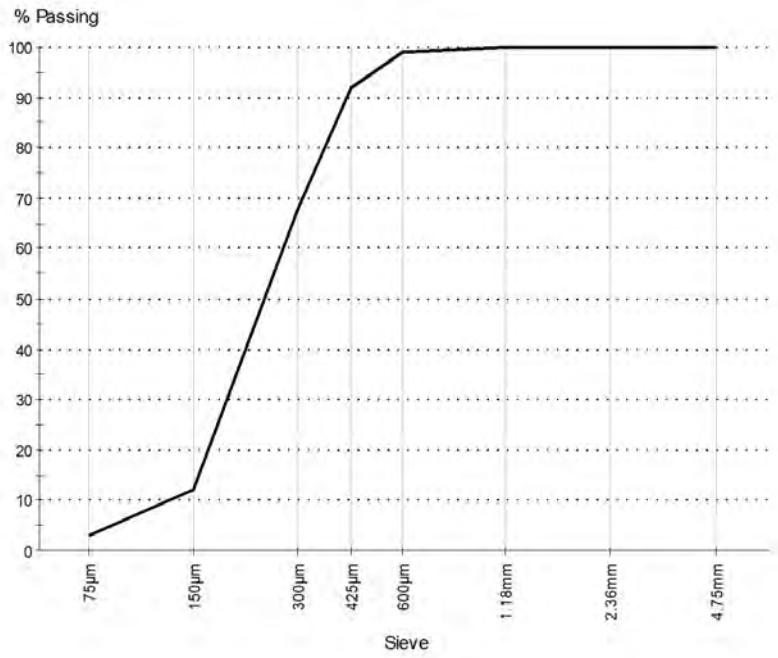
Sample Details

Sample ID	Import Fill
Field Sample ID	Sample 2
Date Tested	20/06/2026
Date Sampled	15/06/2026
Soil Description	SAND trace silt
Proposed Use	Fill
Depth of Test	-
Depth of Layer	
Sampling Method	Sample submitted by client
TRN	-
Work Order ID	W26-02946

Other Test Results

Description	Method	Result	Limits

Particle Size Distribution



Method: AS 1289.3.6.1
Drying by: Oven
Date Tested: 20/06/2026

Note: Sample Washed

Sieve Size	% Passing	Limits
4.75mm	100	
2.36mm	100	
1.18mm	100	
600µm	99	
425µm	92	
300µm	68	
150µm	12	
75µm	3	

Comments

N/A

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Material Test Report

Report Number: MAT:26S-07526
Date of Issue23/06/2026
Issue Number: 1

Client:	Exmouth Civil
Client Address:	15 Ingram St North West Cape WA 6707
Project:	Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Project No:	D378641

Accreditation Number 18742

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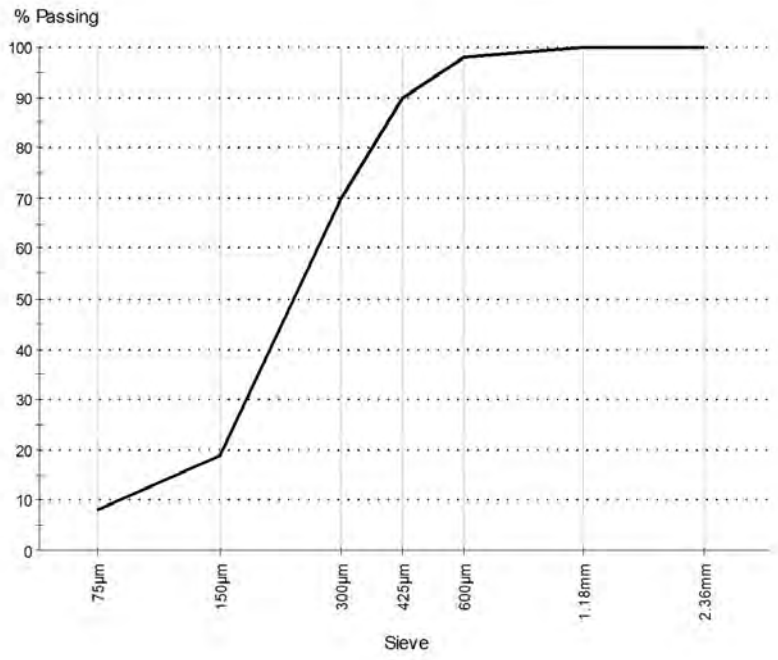
Sample Details

Sample ID	Import Fill
Field Sample ID	Sample 3
Date Tested	20/06/2026
Date Sampled	15/06/2026
Soil Description	SAND with silt
Proposed Use	Fill
Depth of Test	-
Depth of Layer	
Sampling Method	Sample submitted by client
TRN	-
Work Order ID	W26-02946

Other Test Results

Description	Method	Result	Limits

Particle Size Distribution



Method: AS 1289.3.6.1
Drying by: Oven
Date Tested: 20/06/2026

Note: Sample Washed

Sieve Size	% Passing	Limits
2.36mm	100	
1.18mm	100	
600µm	98	
425µm	90	
300µm	70	
150µm	19	
75µm	8	

Comments

N/A

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ABN: 71 349 772 837 / ACN: 008 966 283

Material Test Report

Report Number: MAT:26S-07527
Date of Issue23/06/2026
Issue Number: 1

Client:	Exmouth Civil
Client Address:	15 Ingram St North West Cape WA 6707
Project:	Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Project No:	D378641

Accreditation Number 18742

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Approved Signatory: Jonty Sargent

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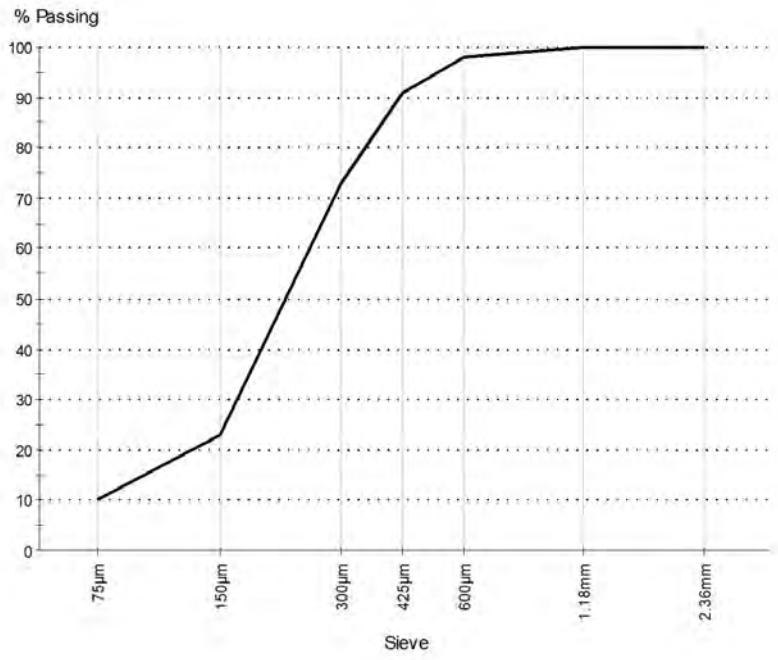
Sample Details

Sample ID	Import Fill
Field Sample ID	Sample 4
Date Tested	20/06/2026
Date Sampled	15/06/2026
Soil Description	SAND with silt
Proposed Use	Fill
Depth of Test	-
Depth of Layer	
Sampling Method	Sample submitted by client
TRN	-
Work Order ID	W26-02946

Other Test Results

Description	Method	Result	Limits

Particle Size Distribution



Method: AS 1289.3.6.1
Drying by: Oven
Date Tested: 20/06/2026

Note: Sample Washed

Sieve Size	% Passing	Limits
2.36mm	100	
1.18mm	100	
600µm	98	
425µm	91	
300µm	73	
150µm	23	
75µm	10	

Comments

N/A

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Material Test Report

Report Number: MAT:26S-07528
Date of Issue23/06/2026
Issue Number: 1

Client:	Exmouth Civil
Client Address:	15 Ingram St North West Cape WA 6707
Project:	Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Project No:	D378641

Accreditation Number 18742

NATA WORLD RECOGNISED ACCREDITATION

Approved Signatory: Jonty Sargent

Accredited for compliance with ISO/IEC 17025

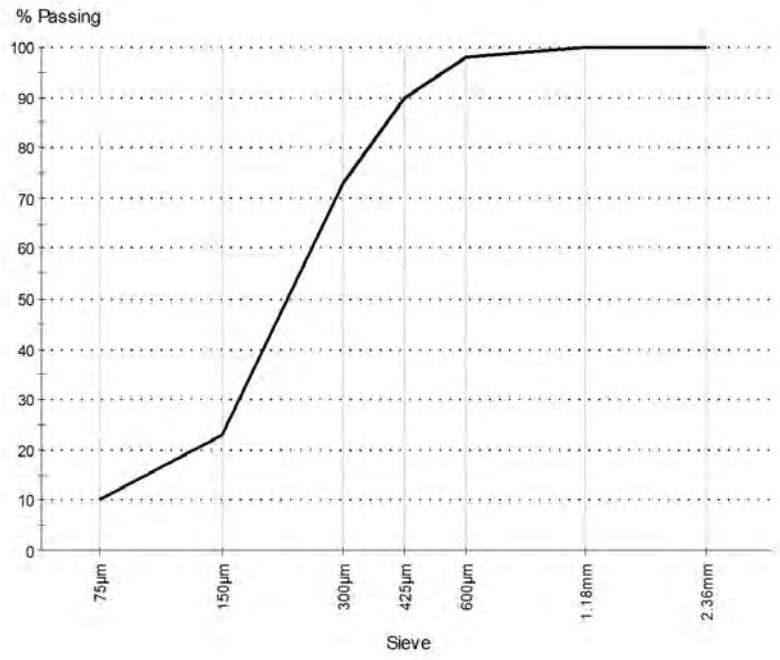
Sample Details

Sample ID	Import Fill
Field Sample ID	Sample 5
Date Tested	20/06/2026
Date Sampled	15/06/2026
Soil Description	SAND with silt
Proposed Use	Fill
Depth of Test	-
Depth of Layer	
Sampling Method	Sample submitted by client
TRN	-
Work Order ID	W26-02946

Other Test Results

Description	Method	Result	Limits

Particle Size Distribution



Method: AS 1289.3.6.1
Drying by: Oven
Date Tested: 20/06/2026

Note: Sample Washed

Sieve Size	% Passing	Limits
2.36mm	100	
1.18mm	100	
600µm	98	
425µm	90	
300µm	73	
150µm	23	
75µm	10	

Comments

N/A

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EXMOUTH CIVIL

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PO Box 862
Exmouth WA 6707



Compaction Method Spec

Cut Material

Project: Lot 9510 Murat Road - Exmouth Super Lot - Exmouth

Client: Porter Consultants

Contractor: Exmouth Civil

The method spec below relates to compaction of onsite cut material fill layers during bulk earthworks. This method spec was conducted by Exmouth Civil and tested/reviewed by Structerre Consulting.

4 random MMDD tests were completed to a depth of 275mm on cut material fill layer material on the project site and Testing was completed on 2/12/2025.

Site testing was completed by Kieran Martin (NDM licence number- LS 200/2021 33521). Nuclear tests were tested using a Troxler Model 3430, serial No. 69456 with reference block 69456 last calibrated on 1/10/2025.

Laboratory testing completed by Structerre Consulting/NATA accreditation number 18742.

This method spec is to be read in conjunction to test certificate MS_W25_06458. The method outlined below was used to reach the results in certificate MS_W25_06458.

Machines on site to be used.

6-wheel watercart

Smooth Drum Roller SC68B

Front End Loader

13-29 tonne Excavator

Grader – CAT150/JD 872GP/CAT 140H

Method

Prior to placement the cut material is to be conditioned to optimum moisture content. A front-end loader, grader and excavator is used to relocate and balance the fill material to the required levels to ensure a maximum loose lift thickness of 300mm. During the spreading and

balancing the watercart is used to keep the material at a suitable moisture content.

Following balancing the surface is compacted using a smooth drum roller of mass 12T with a minimum of 7 passes.

Conclusion

The minimum requirement for the fill compaction is 95% MMDD. Test certificate MS_W25_06458 verifies a minimum of 7 passes is required to achieve compaction of 95% MMDD. Implication of the method above with onsite proof roll inspections will achieve the desired compaction results.

Ongoing Verification

To continue to validate the compaction of fill, MDD tests will be recompleted every 10,000m3 of fill that is placed and compacted.

Regards

Jasper Spiers

Manager

Exmouth Civil

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Compaction Correlation Report

Report Number CCR:W25-06458
12/12/2025
Issue 1

Client:	Exmouth Civil
Client Address:	15 Ingram St, North West Cape 6707
Project:	Exmouth Superlot - Sundrift Stage 1 Lot 9510 Murat Road, Exmouth
Project No:	D378641

Authorised Signatory Jacob Pritchard

Sample Details

Location	Method Specification - Cut Material
Laboratory Test Procedures	AS 1289.5.2.1,AS 1289.5.8.1
Field Test Procedures	AS 1289.5.8.1
Sampling Method	AS1289.1.2.1 6.4(b) -Compacted
Date of Test	2 Dec 2025

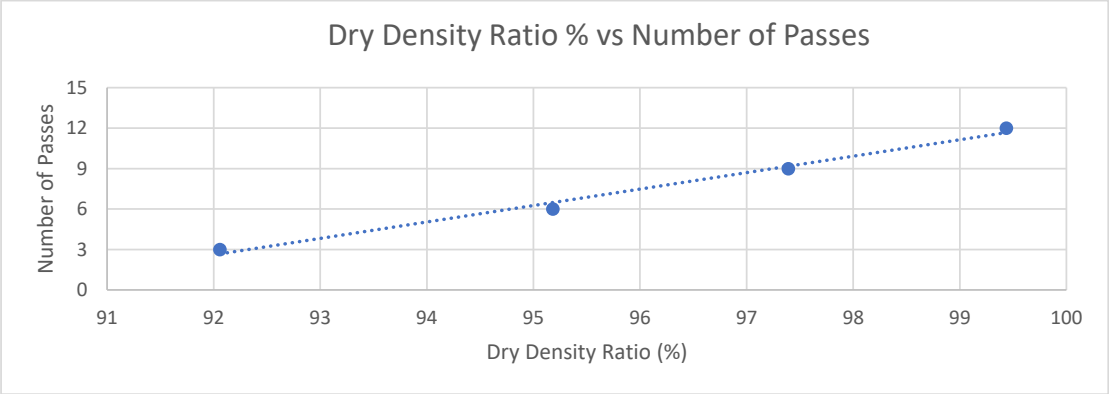
Field Test Results

Field Sample ID	1	2	3	4
Wet density (t/m³)	2.15	2.19	2.25	2.28
Depth of Test (mm)	275	275	275	375
Thickness of the Layer (mm)	300	300	300	300
AS Sieve Size (mm)	19	19	19	19
Oversize Wet (%)	3	10	4	10
Oversize Dry (%)	3	10	4	10
Moisture content (%)	7.8	6.6	6.7	6.2
Dry density (t/m³)	1.99	2.06	2.11	2.15
Moisture Ratio (%)	110.5	92.0	94.5	87.5
Moisture Variation (%)	-0.5 WET	0.5 DRY	0.5 DRY	1.0 DRY
Dry Density Ratio (%)	92.0	95.0	97.5	99.5
Number of Passes	3	6	9	12

Laboratory Test Results

Sample ID	25S-15683	**Maximum Dry Density (t/m³)**	2.16
Material	Clayey Sand trace Gravel	**Optimum Moisture Content (%)**	7.0
Proposed Use	Fill		

Correlation



The results indicate that 7 passes are required to obtain a Dry Density Ratio of 95 %

Comments



EXMOUTH CIVIL

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ABN 35 522 461 754
15 Ingram St
PO Box 862
Exmouth WA 6707



Compaction Method Spec

Pindan Fill

Project: Lot 9510 Murat Road - Exmouth Super Lot - Exmouth

Client: Porter Consultants

Contractor: Exmouth Civil

The method spec below relates to compaction of imported pindan fill layers during bulk earthworks. This method spec was conducted by Exmouth Civil and tested/reviewed by Structerre Consulting.

4 random MMDD tests were completed to a depth of 275mm on a pindan sand fill layer on the project site and Testing was completed on 2/12/2025.

Site testing was completed by Kieran Martin (NDM licence number- LS 200/2021 33521). Nuclear tests were tested using a Troxler Model 3430, serial No. 69456 with reference block 69456 last calibrated on 1/10/2025.

Laboratory testing completed by Structerre Consulting/NATA accreditation number 18742.

This method spec is to be read in conjunction to test certificate MS_W25_04659. The method out lined below was used to reach the results in certificate MS_W25_04569.

Machines on site to be used.

6-wheel watercart

Smooth Drum Roller SC68B

Front End Loader

13-29 tonne Excavator

Grader – CAT150/JD 872GP/CAT 140H

Method

Prior to placement the pindan sand is to be conditioned to optimum moisture content. A front-end loader, grader and excavator is used to relocate and balance the fill material to the required levels to ensure a maximum loose lift thickness of 300mm. During the spreading and

balancing the watercart is used to keep the material at a suitable moisture content.

Following balancing the surface is compacted using a smooth drum roller of mass 12T with a minimum of 6 passes and a minimum of 10 blows using a PSP.

Conclusion

The minimum requirement for the fill compaction is 95%. Implication of the method above with onsite proof roll inspections will achieve the desired compaction results.

Ongoing Verification

To continue to validate the compaction of fill, PSP testing can be used.

Regards

Jasper Spiers

Manager

Exmouth Civil

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Website: www.structerre.com.au
ABN: 71 349 772 837 / ACN: 008 966 283

Compaction Correlation Report

Report Number CCR:W25-06459
15/12/2025
Issue 1

Client:	Exmouth Civil
Client Address:	15 Ingram St, North West Cape 6707
Project:	Exmouth Superlot - Sundrift Stage 1 Lot 9510 Murat Road, Exmouth
Project No:	D378641

Authorised Signatory Jacob Pritchard

Sample Details

Location	Method Specification - Import Pindan
Laboratory Test Procedures	AS 1289.5.2.1,AS 1289.5.8.1
Field Test Procedures	AS 1289.5.8.1
Sampling Method	AS1289.1.2.1 6.4(b) -Compacted
Date of Test	2 Dec 2025

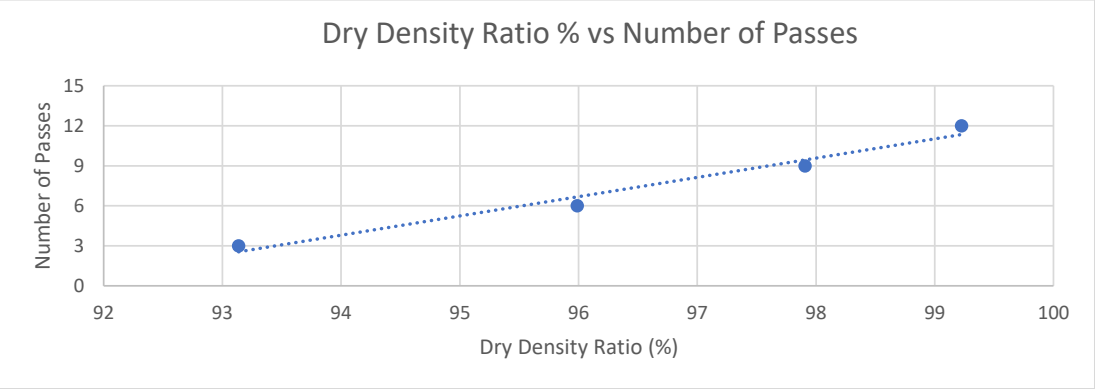
Field Test Results

Field Sample ID	1	2	3	4
Wet density (t/m³)	1.88	1.94	2.00	2.03
Depth of Test (mm)	275	275	275	275
Thickness of the Layer (mm)	300	300	300	300
AS Sieve Size (mm)	19	19	19	19
Oversize Wet (%)	0	0	5	0
Oversize Dry (%)	0	0	5	0
Moisture content (%)	4.3	4.3	5.4	5.6
Dry density (t/m³)	1.80	1.86	1.90	1.92
Moisture Ratio (%)	44.5	44.5	57.0	58.0
Moisture Variation (%)	5.5 DRY	5.5 DRY	4.0 DRY	4.0 DRY
Dry Density Ratio (%)	93.0	96.0	98.0	99.0
Number of Passes	3	6	9	12
Number of Blows	8	10	12	14

Laboratory Test Results

Sample ID	25S-15687	**Maximum Dry Density (t/m³)**	1.94
Material	Silty Sand	**Optimum Moisture Content (%)**	9.5
Proposed Use	Fill		

Correlation



The results indicate that 6 passes are required to obtain a Dry Density Ratio of 95%
The results indicate that 10 blows are required to obtain a Dry Density Ratio of 95% (PSP)

Comments

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Compaction Correlation Report

Report Number CCR:W26-00525
13/02/2026
Issue 1

Client:	Exmouth Civil
Client Address:	15 Ingram St, North West Cape 6707
Project:	Exmouth Superlot - Sundrift Stage 1 Lot 9510 Murat Rd, Exmouth
Project No:	D378641

Authorised Signatory Jacob Pritchard

Sample Details

Location	Method Specification - 500kg Plate Compactor
Laboratory Test Procedures	AS 1289.5.2.1,AS 1289.5.8.1
Field Test Procedures	AS 1289.5.8.1
Sampling Method	AS1289.1.2.1 6.4(b) -Compacted
Date of Test	5 Feb 2026

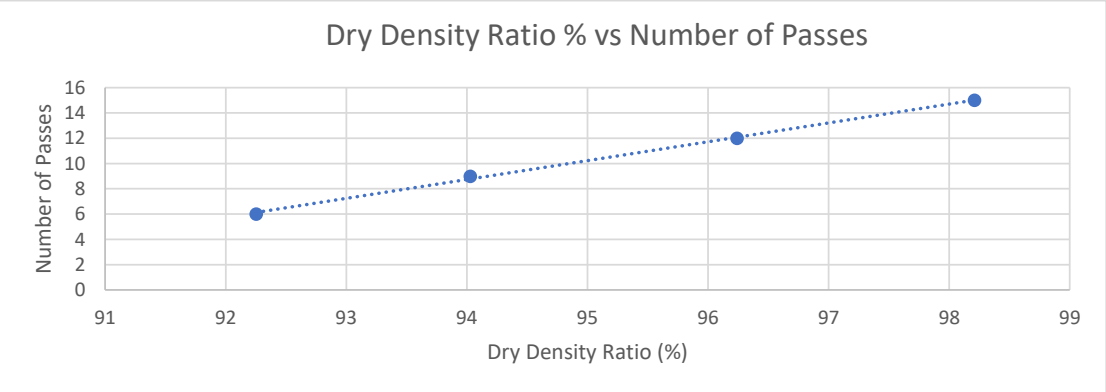
Field Test Results

Field Sample ID	1	2	3	4
Wet density (t/m³)	1.90	1.92	1.94	1.98
Depth of Test (mm)	300	300	300	300
Thickness of the Layer (mm)	400	400	400	400
AS Sieve Size (mm)	19	19	19	19
Oversize Wet (%)	0	0	0	0
Oversize Dry (%)	0	0	0	0
Moisture content (%)	5.4	4.5	3.6	3.4
Dry density (t/m³)	1.80	1.83	1.88	1.92
Moisture Ratio (%)	62.0	51.0	41.5	39.0
Moisture Variation (%)	3.5 DRY	4.5 DRY	5.0 DRY	5.5 DRY
Dry Density Ratio (%)	92.5	94.0	96.0	98.0
Number of Passes	6	9	12	15

Laboratory Test Results

Sample ID	26S-01168	**Maximum Dry Density (t/m³)**	1.95
Material	Silty Sand	**Optimum Moisture Content (%)**	8.5
Proposed Use	Fill		

Correlation



The results indicate that 11 passes are required to obtain a Dry Density Ratio of 95 %
The results indicate that 15 passes are required to obtain a Dry Density Ratio of 98 %

Comments

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Constant Head Permeability

Report Number CHPR:W25-05332
14 Jan 2026
Issue 1

Client	Exmouth Civil
Client Address	15 Ingram St North West Cape WA 6707
Project	Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Project No	D378641



Authorised Signatory Jonty Sargent

Sample Details

Client Request ID	Pindan Sand fill
Laboratory Test Procedures	AS 1289.6.7.1
Sampling Methods	AS189.1.2.1 6.2 - Sampling from stockpiles
Sample Preparation Method	AS 1289.1.1

Sample Data

Sample ID	26S-00039
Soil Description/Material	Silty SAND

Test Results

Date of Test	6 Jan 2026
Compactive Effort Used	Modified
Sieve Size (mm)	19
Percent material retained (%)	0
Maximum Dry Density (t/m³)	1.82
Optimum Moisture Content (%)	10.5
Required Dry Density Ratio (%)	95
Required Moisture Ratio (%)	100
Dry density (t/m³)	1.73
Moisture content (%)	10.4
Laboratory density ratio (%)	95.0
Laboratory moisture ratio (%)	98.5
Surcharge (kPa)	3
Coefficient of permeability (m/s)	1E-05
Coefficient of permeability (m/day)	1.06

Comments

MDD data obtained from report W25-06457 (25S-15682).

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ABN: 71 349 772 837 / ACN: 008 966 283

Report Number: MDD:26S-00496
Date of Issue03/02/2026
Issue Number: 1

Maximum Dry Density Report

Client:	Exmouth Civil
Client Address:	15 Ingram St North West Cape WA 6707
Project:	Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Project No:	D378641

Accreditation Number 18742

NATA WORLD RECOGNISED ACCREDITATION

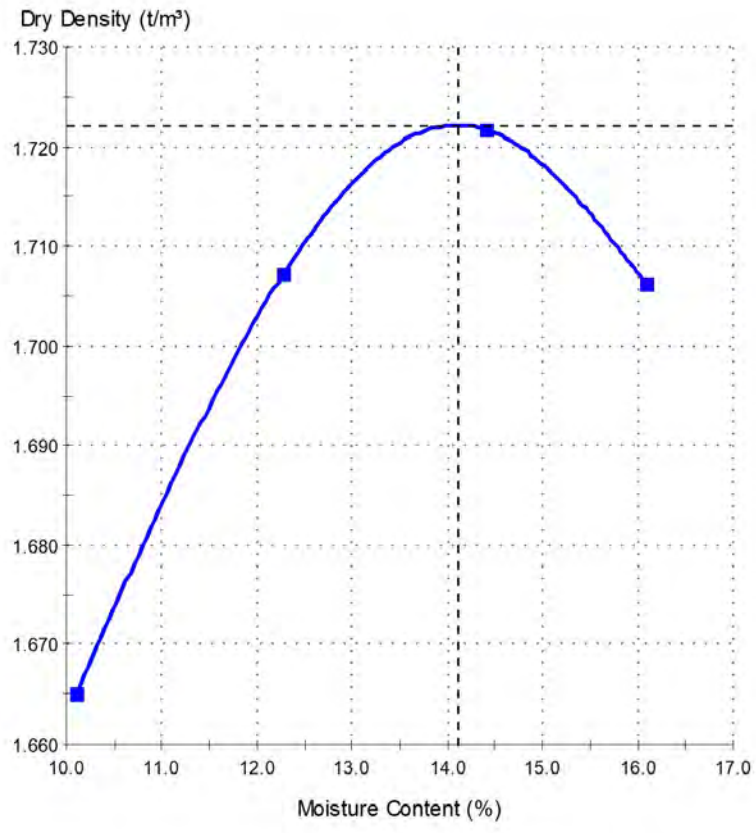
Approved Signatory: Jonty Sargent

Accredited for compliance with ISO/IEC 17025

Sample Details

Sample ID:	Pindan Import Fill	**Field Sample ID:**	Combined Sample
Date Tested:	23/01/2026	**Date Sampled:**	21/01/2026
Soil Description:	SAND with fines	**Proposed Use:**	Fill
Depth of Test:	500 - 1000	**Depth of Layer:**	
Sampling Method:	Sample submitted by client	**TRN:**	-
Work Order ID:	W26-00243		

Dry Density - Moisture Content Relationship



Test Results

AS 1289.5.2.1

Modified MDD (t/m³):	**1.72**
Modified OMC (%):	**14.0**
Retained Sieve (mm):	19.0
Oversize Material (%):	0
Curing Time (h):	2
LL Method:	Visual / Tactile

Comments

Combined sample from W26-00112 (26S-00258, 26S-00259, 26S-00260, 26S-00261, 26S-00262).

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Constant Head Permeability

Report Number CHPR:W26-00243
3 Feb 2026
Issue 1

Client	Exmouth Civil
Client Address	15 Ingram St North West Cape WA 6707
Project	Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Project No	D378641



Authorised Signatory Jonty Sargent

Sample Details

Client Request ID	Material Assessment
Laboratory Test Procedures	AS 1289.6.7.1
Sampling Methods	Sample submitted by client
Sample Preparation Method	AS 1289.1.1

Sample Data

Sample ID	26S-00496
Soil Description/Material	SAND with fines

Test Results

Date of Test	28 Jan 2026
Compactive Effort Used	Modified
Sieve Size (mm)	19
Percent material retained (%)	0
Maximum Dry Density (t/m³)	1.72
Optimum Moisture Content (%)	14.1
Required Dry Density Ratio (%)	95
Required Moisture Ratio (%)	100
Dry density (t/m³)	1.63
Moisture content (%)	14.1
Laboratory density ratio (%)	94.5
Laboratory moisture ratio (%)	100.0
Surcharge (kPa)	3
Coefficient of permeability (m/s)	2E-05
Coefficient of permeability (m/day)	1.90

Comments

Combined sample from W26-00112 (26S-00258, 26S-00259, 26S-00260, 26S-00261, 26S-00262).

Soils and soft rock testing - Determination of the Thermal Conductivity

By thermal needle probe procedure

ASTM D5334-22a

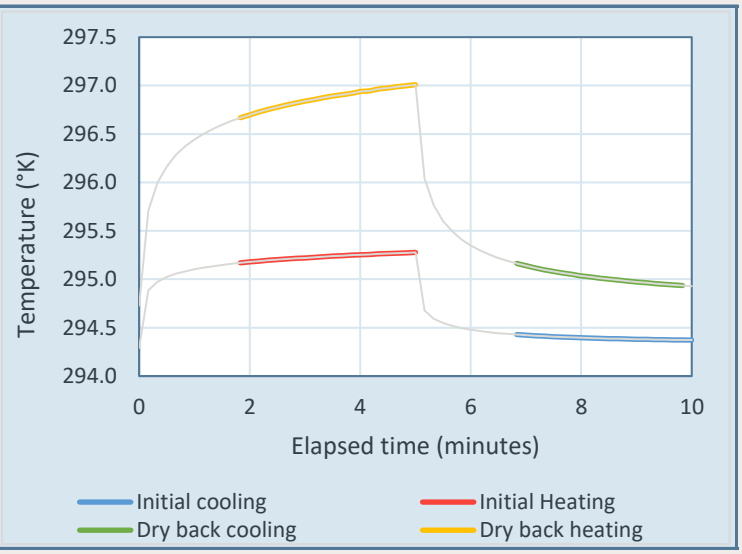
Test request #:	**STRP26-0010**	**Specimen ID:**	**LPER202601239**	**WSP Australia Pty. Ltd.**	
Client:	Structerre Consulting Pty Ltd			**PERTH GEOTECHNICAL LABORATORY**	
Client address:	1 Erindale Road, Balcatta, WA 6021			780 Marshall Road, Malaga, Western Australia 6090	
Project ID:	**PS231504**	**Exploratory Hole**			
Project name:	Exmouth Superlot Sundrift Stage 1	**1**	**Sampling co-ordinates**	**E (m):**	
Project reference:		**Loc. ref.:**		**N (m):**	
Specimen description:	SAND, red brown.		**Sample depth (m):**	-	
			Client sample ref.:	26S_00343	

SPECIMEN PREPARATION - SUMMARY OF INITIAL DENSITY AND MOISTURE CONTENT TEST RESULTS

Initial moisture content:	**1.2%** **As rcvd.**
Compaction method:	AS1289.5.2.1-2017 modified
Maximum dry density (t/m^3):	**1.82**
Optimum moisture content:	**11.0%**
Oversize material (>19mm):	**0.0%**
Bulk density (t/m^3):	**1.92**
Compaction moisture content:	**11.0%**
Density ratio at compaction:	**95%**
Moisture ratio at compaction:	**100%**

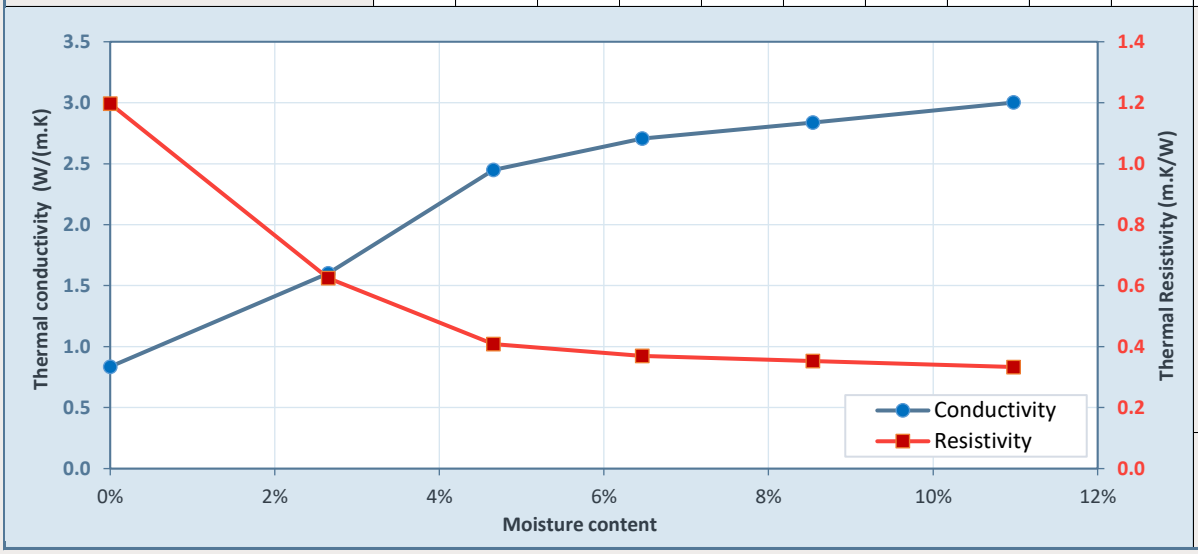
Note: Remoulded condition: Sample remoulded to target of 95% MMDD at 100% OMC.

* Dry-back of specimen over 18 days.



SUMMARY OF THERMAL CONDUCTIVITY TESTING - Data corrected for initial transient portion only - not end effects

Moisture content when tested:	11.0%	8.5%	6.5%	4.7%	2.6%					0.0%		**Dry Back**
Density when tested (t/m^3):	1.92										**1.92**	
Thermal conductivity (W/(m.K)	3.00	2.84	2.71	2.45	1.60					0.84	**3.00**	**0.84**
Thermal resistivity (m.K/W)	0.33	0.35	0.37	0.41	0.62					1.20	**0.33**	**1.20**



Thermal Probe

Diameter (mm) 2.4

Penetration (mm) 100

Insertion type Pushed in

Thermal compound Arctic Silver [7W/mK]

Element power (W/m) 3.74

Specimen

Height: 144 mm

Diameter: 88 mm

Sampled by:	Client	**Sample type**		**Specimen prepared by:**	SL	**Tested by/date**	SL 22/1-9/2/2026
Date sampled:		Remoulded		**Results reviewed by:**	PKent	**Date reported**	10/02/2026

Cert. ref.: PS231504_1_2601239_STRP26-0010_TR_R26133745

Approved signatory:

THIS DOCUMENT SHALL ONLY BE REPRODUCED IN FULL

Paul Kent - Laboratory Manager

Phone: +61 (0)8 9441 0700 **Fax:** +61 (0)8 9441 0701 **E-mail:** pergeolab@wsp.com **Web:** www.wsp.com

Version/issue history: For issue - Rev 0 (First publication - this document does not supersede any previous versions)

This test was carried out in accordance with ASTM D5334-22. Test results relate only to the specimens tested.

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Determination of the Penetration Resistance of Soil - AS 1289.6.3.3

Report Number: PSP:26S-10848
Date of issue: 08/09/2026
Issue Number: 1

Client:	Exmouth Civil
Client Address:	15 Ingram St North West Cape WA 6707
Project:	Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Project No:	D378641

Accreditation Number 18742

NATA
WORLD RECOGNISED ACCREDITATION

Approved Signatory: Tyrone Cook

Accredited for compliance with ISO/IEC 17025-Testing

Location:	Earthworks Completion - Lots		
Proposed Use:	Fill	**Work Order ID:**	W26-04408
Material Type:	Sand	**Sample ID:**	26S-10848
Site Selection Method:	Client	**Depth of Test (mm):**	1050
		Layer Thickness (mm):	-
Sampling Method:	**N/A**		
Date Tested:	**02/09/2026**		

Test Results

Test Site No.	1	2	3	4	5	6	7	8	9	10
Moisture Condition										
Depth Groundwater										
Depth of Test (mm)	Blows/300 mm									
0 - 150	Set Depth									
150 - 450	22	24	23	20	21	16	17	15	14	23
450 - 750	25+	25+	25+	25+	25+	25+	25+	25+	25+	25+
750 - 1050										
1050 - 1350										
1350 - 1650										
1650 - 1950										

Test Results

Test Site No.	11	12	13	14	15	16	17	18	19	20
Moisture Condition										
Depth Groundwater										
Depth of Test (mm)	Blows/300 mm									
0 - 150	Set Depth									
150 - 450	23	21	22	23	23	24	23	24	24	23
450 - 750	25+	25+	25+	25+	25+	25+	25+	25+	25+	25+
750 - 1050										
1050 - 1350										
1350 - 1650										
1650 - 1950										

Comments

Testing carried in accordance with the methods described in AS 1289.6.3.2 – depth greater than 450mm total penetration tested.

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Determination of the Penetration Resistance of Soil - AS 1289.6.3.3

Report Number: PSP:26S-10849
Date of issue: 08/09/2026
Issue Number: 1

Client:	Exmouth Civil
Client Address:	15 Ingram St North West Cape WA 6707
Project:	Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Project No:	D378641

Accreditation Number 18742

NATA
WORLD RECOGNISED ACCREDITATION

Approved Signatory: Tyrone Cook

Accredited for compliance with ISO/IEC 17025-Testing

Location:	Earthworks Completion - Lots		
Proposed Use:	Fill	**Work Order ID:**	W26-04408
Material Type:	Sand	**Sample ID:**	26S-10849
Site Selection Method:	Client	**Depth of Test (mm):**	1050
		Layer Thickness (mm):	-
Sampling Method:	**N/A**		
Date Tested:	**02/09/2026**		

Test Results

Test Site No.	21	22	23	24	25	26	27	28	29	30
Moisture Condition										
Depth Groundwater										
Depth of Test (mm)	Blows/300 mm									
0 - 150	Set Depth									
150 - 450	23	24	23	25	24	24	24	23	23	24
450 - 750	25+	25+	25+	25+	25+	25+	25+	25+	25+	25+
750 - 1050										
1050 - 1350										
1350 - 1650										
1650 - 1950										

Test Results

Test Site No.	31	32	33	34	35	36	37	38	39	40
Moisture Condition										
Depth Groundwater										
Depth of Test (mm)	Blows/300 mm									
0 - 150	Set Depth									
150 - 450	23	23	24	24	23	24	23	24	23	23
450 - 750	25+	25+	25+	25+	25+	25+	25+	25+	25+	25+
750 - 1050										
1050 - 1350										
1350 - 1650										
1650 - 1950										

Comments

Testing carried in accordance with the methods described in AS 1289.6.3.2 – depth greater than 450mm total penetration tested.

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Determination of the Penetration Resistance of Soil - AS 1289.6.3.3

Report Number: PSP:26S-10850
Date of issue: 08/09/2026
Issue Number: 1

Accreditation Number 18742

Approved Signatory: Tyrone Cook

Accredited for compliance with ISO/IEC 17025-Testing

Client:	Exmouth Civil
Client Address:	15 Ingram St North West Cape WA 6707
Project:	Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Project No:	D378641

Location:	Earthworks Completion - Lots		
Proposed Use:	Fill	**Work Order ID:**	W26-04408
Material Type:	Sand	**Sample ID:**	26S-10850
Site Selection Method:	Client	**Depth of Test (mm):**	1050
		Layer Thickness (mm):	-
Sampling Method:	**N/A**		
Date Tested:	**02/09/2026**		

Test Results

Test Site No.	41	42	43	44	45	46	47	48	49	50
Moisture Condition										
Depth Groundwater										
Depth of Test (mm)	Blows/300 mm									
0 - 150	Set Depth									
150 - 450	23	23	24	23	24	24	23	23	23	24
450 - 750	25+	25+	25+	25+	25+	25+	25+	25+	25+	25+
750 - 1050										
1050 - 1350										
1350 - 1650										
1650 - 1950										

Test Results

Test Site No.	51	52	53	54	55	56	57			
Moisture Condition										
Depth Groundwater										
Depth of Test (mm)	Blows/300 mm									
0 - 150	Set Depth									
150 - 450	24	23	23	24	24	24	23			
450 - 750	25+	25+	25+	25+	25+	25+	25+			
750 - 1050										
1050 - 1350										
1350 - 1650										
1650 - 1950										

Comments

Testing carried in accordance with the methods described in AS 1289.6.3.2 – depth greater than 450mm total penetration tested.

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Website: www.structerre.com.au
ABN: 71 349 772 837 / ACN: 008 966 283

Report Number: PSP:26S-10850
Date of Issue08/09/2026
Issue Number: 1

PSP Report

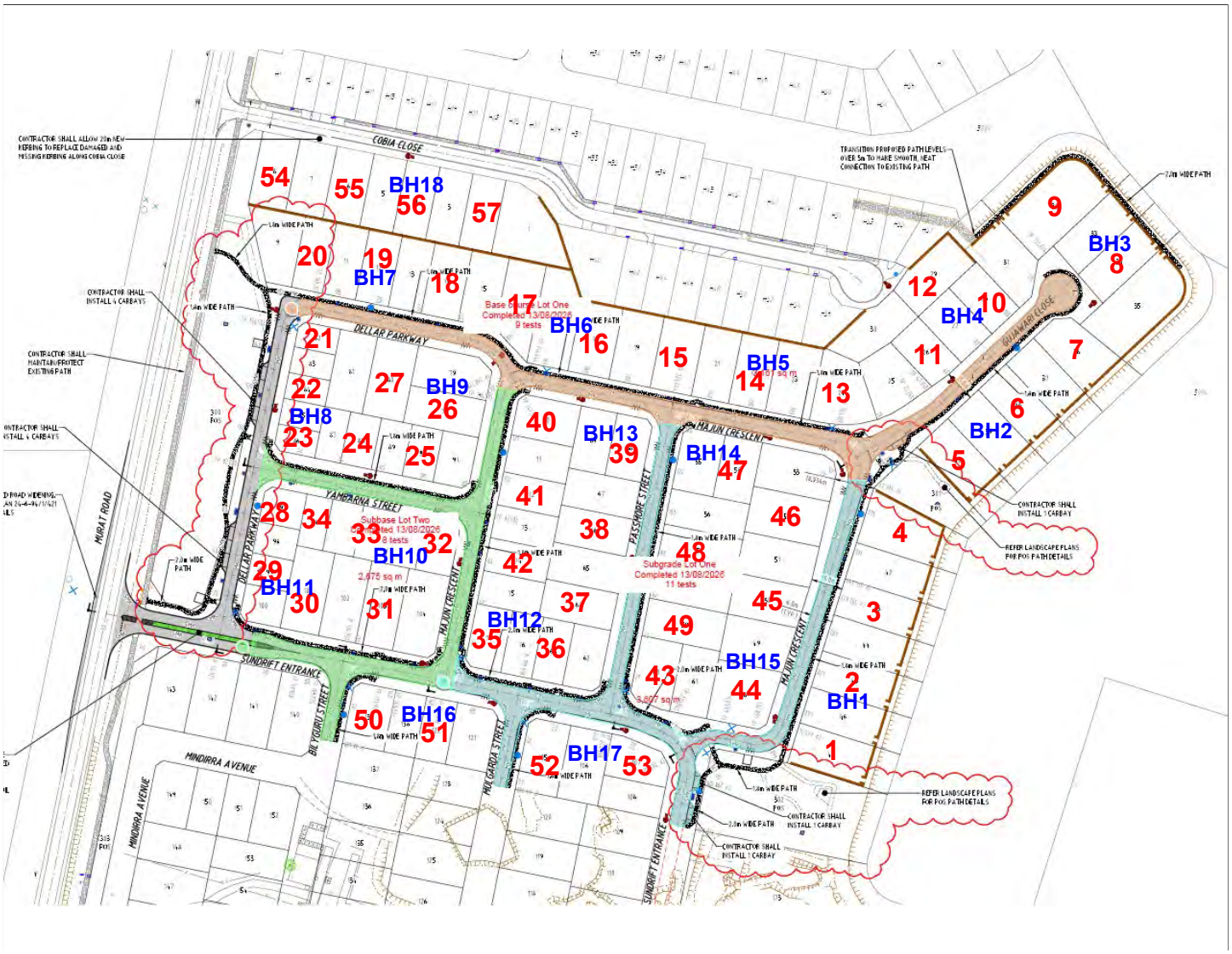
Client:	Exmouth Civil
Client Address:	15 Ingram St North West Cape WA 6707
Project:	Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Project No:	D378641

Accreditation Number 18742

NATA WORLD RECOGNISED ACCREDITATION

Approved Signatory: Tyrone Cook

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Determination of the Penetration Resistance of Soil - AS 1289.6.3.3

Report Number: PSP:26S-11011
Date of issue: 08/09/2026
Issue Number: 1

Client:	Exmouth Civil
Client Address:	15 Ingram St North West Cape WA 6707
Project:	Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Project No:	D378641

Accreditation Number 18742

NATA
WORLD RECOGNISED ACCREDITATION

Approved Signatory: Tyrone Cook

Accredited for compliance with ISO/IEC 17025-Testing

Location:	Earthworks Completion - Walls		
Proposed Use:	Fill	**Work Order ID:**	W26-04467
Material Type:	Sand	**Sample ID:**	26S-11011
Site Selection Method:	Client	**Depth of Test (mm):**	1050
		Layer Thickness (mm):	-
Sampling Method:	**N/A**		
Date Tested:	**02/09/2026**		

Test Results

Test Site No.	1	2	3	4	5	6	7	8	9	10
Moisture Condition										
Depth Groundwater										
Depth of Test (mm)	Blows/300 mm									
0 - 150	Set Depth									
150 - 450	24	23	23	23	24	11	10	10	10	12
450 - 750	25+	25+	25+	25+	25+	10	10	12	11	13
750 - 1050						12	11	12	11	12
1050 - 1350										
1350 - 1650										
1650 - 1950										

Test Results

Test Site No.	11	12	13	14	15	16	17	18	19	20
Moisture Condition										
Depth Groundwater										
Depth of Test (mm)	Blows/300 mm									
0 - 150	Set Depth									
150 - 450	12	12	14	18	12	12	12	12	12	12
450 - 750	14	13	18	25+	16	14	15	16	16	14
750 - 1050	16	16	22		15	16	15	16	17	16
1050 - 1350										
1350 - 1650										
1650 - 1950										

Comments

Testing carried in accordance with the methods described in AS 1289.6.3.2 – depth greater than 450mm total penetration tested.

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Determination of the Penetration Resistance of Soil - AS 1289.6.3.3

Report Number: PSP:26S-11012
Date of issue: 08/09/2026
Issue Number: 1

Accreditation Number 18742

Approved Signatory: Tyrone Cook

Accredited for compliance with ISO/IEC 17025-Testing

Client:	Exmouth Civil
Client Address:	15 Ingram St North West Cape WA 6707
Project:	Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Project No:	D378641

Location:	Earthworks Completion - Walls		
Proposed Use:	Fill	**Work Order ID:**	W26-04467
Material Type:	Sand	**Sample ID:**	26S-11012
Site Selection Method:	Client	**Depth of Test (mm):**	1050
		Layer Thickness (mm):	-
Sampling Method:	**N/A**		
Date Tested:	**02/09/2026**		

Test Results

Test Site No.	21	22	23	24	25	26	27	28	29	30
Moisture Condition										
Depth Groundwater										
Depth of Test (mm)	Blows/300 mm									
0 - 150	Set Depth									
150 - 450	12	12	11	10	16	14	10	12	12	12
450 - 750	16	15	12	12	19	18	10	25+	25+	25+
750 - 1050	15	14	10	10	21	23	10			
1050 - 1350										
1350 - 1650										
1650 - 1950										

Test Results

Test Site No.	31	32	33	34	35	36	37	38	39	40
Moisture Condition										
Depth Groundwater										
Depth of Test (mm)	Blows/300 mm									
0 - 150	Set Depth									
150 - 450	11	12	12	12	13	12	12	12	11	12
450 - 750	25+	25+	25+	25+	25+	25+	25+	25+	11	16
750 - 1050									12	18
1050 - 1350										
1350 - 1650										
1650 - 1950										

Comments

Testing carried in accordance with the methods described in AS 1289.6.3.2 – depth greater than 450mm total penetration tested.

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Determination of the Penetration Resistance of Soil - AS 1289.6.3.3

Report Number: PSP:26S-11013
Date of issue: 08/09/2026
Issue Number: 1

Client:	Exmouth Civil
Client Address:	15 Ingram St North West Cape WA 6707
Project:	Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Project No:	D378641

Accreditation Number 18742

NATA
WORLD RECOGNISED ACCREDITATION

Approved Signatory: Tyrone Cook

Accredited for compliance with ISO/IEC 17025-Testing

Location:	Earthworks Completion - Walls		
Proposed Use:	Fill	**Work Order ID:**	W26-04467
Material Type:	Sand	**Sample ID:**	26S-11013
Site Selection Method:	Client	**Depth of Test (mm):**	1050
		Layer Thickness (mm):	-
Sampling Method:	**N/A**		
Date Tested:	**02/09/2026**		

Test Results

Test Site No.	41	42	43	44	45	46	47	48	49	
Moisture Condition										
Depth Groundwater										
Depth of Test (mm)	**Blows/300 mm**									
0 - 150	**Set Depth**									
150 - 450	10	10	18	16	17	16	18	12	14	
450 - 750	10	12	25+	25+	25+	25+	25+	16	25+	
750 - 1050	12	23						21		
1050 - 1350										
1350 - 1650										
1650 - 1950										

Test Results

Test Site No.										
Moisture Condition										
Depth Groundwater										
Depth of Test (mm)	**Blows/300 mm**									
0 - 150	**Set Depth**									
150 - 450										
450 - 750										
750 - 1050										
1050 - 1350										
1350 - 1650										
1650 - 1950										

Comments

Testing carried in accordance with the methods described in AS 1289.6.3.2 – depth greater than 450mm total penetration tested.

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Report Number: PSP:26S-11013
Date of Issue08/09/2026
Issue Number: 1

PSP Report

Client:	Exmouth Civil
Client Address:	15 Ingram St North West Cape WA 6707
Project:	Exmouth Superlot - Sundrift Stage 1 - Lot 9510 Murat Road, Exmouth
Project No:	D378641

Accreditation Number 18742

NATA WORLD RECOGNISED ACCREDITATION

Approved Signatory: Tyrone Cook

Accredited for compliance with ISO/IEC 17025



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Compaction Correlation Report

Report Number CCR:W26-00949
09/03/2026
Issue 1

Client:	Exmouth Civil
Client Address:	15 Ingram St, North West Cape 6707
Project:	Exmouth Superlot - Sundrift Stage 1 Lot 9510 Murat Rd, Exmouth
Project No:	D378641

Authorised Signatory Jacob Pritchard

Sample Details

Location	DCP Correlation - Subbase Material
Laboratory Test Procedures	AS 1289.5.2.1,AS 1289.5.8.1
Field Test Procedures	AS 1289.5.8.1
Sampling Method	Sampled by Client
Date of Test	6 Mar 2026

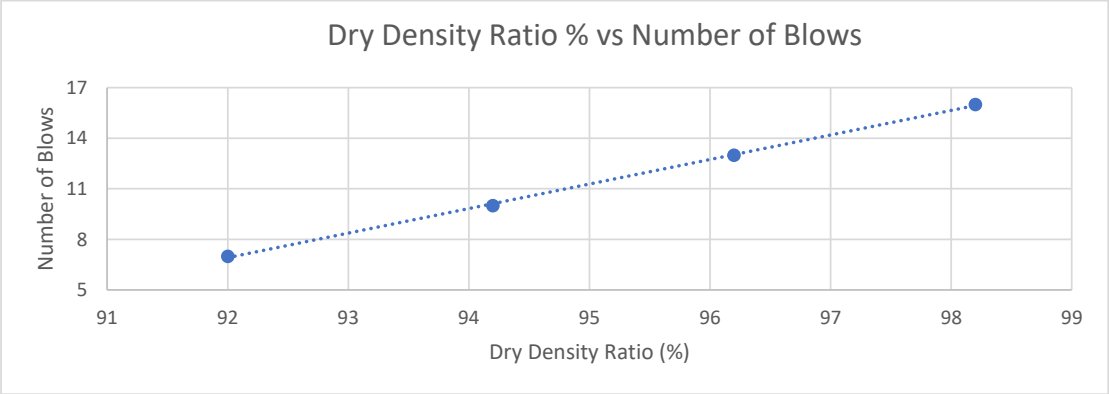
Field Test Results

Field Sample ID	1	2	3	4
Wet density (t/m³)	2.11	2.16	2.20	2.25
Depth of Test (mm)	150	150	150	150
Thickness of the Layer (mm)	150	150	150	150
AS Sieve Size (mm)	19	19	19	19
Oversize Wet (%)	7	7	7	7
Oversize Dry (%)	7	7	7	7
Moisture content (%)	6.3	6.3	6.3	6.3
Dry density (t/m³)	1.99	2.03	2.07	2.12
Moisture Ratio (%)	100.0	100.0	100.0	100.0
Moisture Variation (%)	0.0 DRY	0.0 DRY	0.0 DRY	0.0 DRY
Dry Density Ratio (%)	92.0	94.0	96.0	98.0
Number of Blows	7	10	13	16

Laboratory Test Results

Sample ID	26S-02199	**Maximum Dry Density (t/m³)**	2.16
Material	Sandy Gravel	**Optimum Moisture Content (%)**	6.5
Proposed Use	Embankment Foundation		

Correlation



The results indicate that 16 blows per 150mm are required to obtain a Dry Density Ratio of 98%

Comments

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Compaction Correlation Report

Report Number CCR:W26-00949
09/03/2026
Issue 1

Client:	Exmouth Civil
Client Address:	15 Ingram St, North West Cape 6707
Project:	Exmouth Superlot - Sundrift Stage 1 Lot 9510 Murat Rd, Exmouth
Project No:	D378641

Authorised Signatory Jacob Pritchard

Sample Details

Location	DCP Correlation - Insitu Material
Laboratory Test Procedures	AS 1289.5.2.1,AS 1289.5.8.1
Field Test Procedures	AS 1289.5.8.1
Sampling Method	Sampled by Client
Date of Test	6 Mar 2026

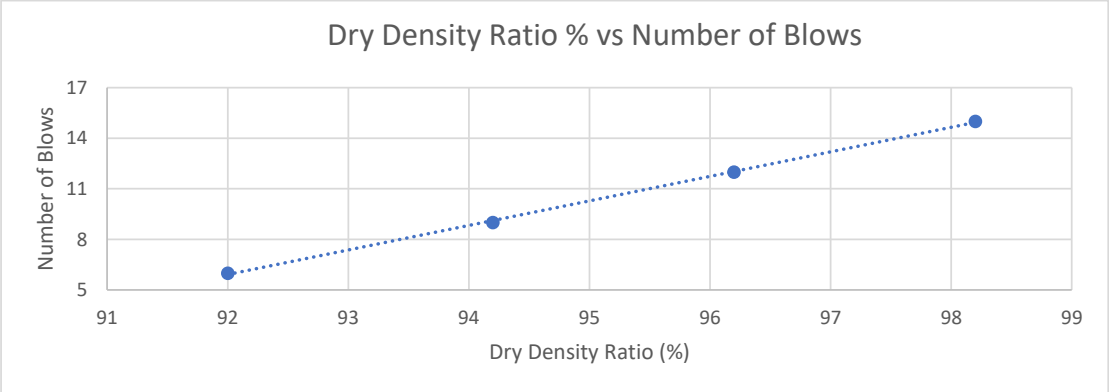
Field Test Results

Field Sample ID	1	2	3	4
Wet density (t/m³)	2.11	2.16	2.20	2.25
Depth of Test (mm)	150	150	150	150
Thickness of the Layer (mm)	150	150	150	150
AS Sieve Size (mm)	19	19	19	19
Oversize Wet (%)	12	12	12	12
Oversize Dry (%)	12	12	12	12
Moisture content (%)	8.8	8.8	8.8	8.8
Dry density (t/m³)	1.94	1.98	2.03	2.07
Moisture Ratio (%)	100.0	100.0	100.0	100.0
Moisture Variation (%)	0.0 DRY	0.0 DRY	0.0 DRY	0.0 DRY
Dry Density Ratio (%)	92.0	94.0	96.0	98.0
Number of Blows	6	9	12	15

Laboratory Test Results

Sample ID	26S-02199	**Maximum Dry Density (t/m³)**	2.11
Material	Sandy Gravel	**Optimum Moisture Content (%)**	9.0
Proposed Use	Embankment Foundation		

Correlation



The results indicate that 16 blows per 150mm are required to obtain a Dry Density Ratio of 98%

Comments

DCP Testing - Subbase Layer @ Retaining Wall Footing Level - 11/03/2026			
Wall	**Location**	**Number of Blows 150 penetration. Test at 150mm depth.**	**Comments**
1	1B	30	
	1B+10m	30	
	1B+20m	30	
	1B+30m	30	
	1B+40m	20	
	1B+50m	20	
	1B+60m	24	
	1B+70m	27	
	1B+80m	25	
	1B+90m	20	
	1B+100m	30	
	1B+110m	26	
	1B+120m	26	
	1C	25	
2	2B	28	
	2B+10m	28	
	2B+20m	23	
	2B+30m	18	
	2B+40m	23	
	2B+50m	25	
	2B+60m	22	
	2B+70m	25	
	2B+80m	30	
	2B+90m	30	
	2B+100m	30	
	2B+110m	29	
	2B+120m	30	
	2B+130m	30	
	2C	31	

DCP Testing - Foundation layer @ Retaining Wall C Footing Level 17/03/2026 -In Situ Material			
Wall	**Location**	**Number of Blows 150 penetration. Test at 150mm depth.**	**Comments**
1	C1	18	
	C1+10	18	
	C2	20	
	C2+10	20	
	C2+20	22	
	C3	26	

DCP Testing - Foundation layer @ Retaining Wall C Footing Level 17/03/2026 -In Situ Material			
Wall	**Location**	**Number of Blows 150 penetration. Test at 150mm depth.**	**Comments**
1	C1	18	
	C1+10	18	
	C2	20	
	C2+10	20	
	C2+20	22	
	C3	26	

Retaining Wall A - Foundation Prep PSP Testing			
Location	**Date**	**Number of Blows per 300mm penetration. Test at 150mm depth.**	**Comments**
A1	17/04/2026	15	In Situ Material - DCP Test Completed. 16 blows requried for 98%
A1+10m		12	
A1+20m		10	
A2		10	
A2+10m		10	
A2+20m		20+	
A2+30m		20+	
A2+40m		20+	
A2+50m		20+	
A2+60m		20+	
A2+70m		20+	
A2+80m		20+	
A2+90m		20+	
A2+100m		20+	
A3		20+	
A3+10m		20+	
B1		20+	
B1+10m		20+	
B2		20+	
B3		20+	
A4	20/03/2026	20	Pindan Material - PSP Test Completed
A4+10m		18	
A4+20m		17	
A4+30m		18	
A4+40m		12	
A4+50m		20	
A4+60m		20	
A4+70m		20	
A4+80m		17	
A4+90m		14	
A4+100m		18	
A4+110m		15	
A4+120m		15	
A4+130m		15	
A4+140m		17	
A4+150m		16	
A5		19	

Wet Spot - Due to groundwater could not get compaction - referred to Geotechnical consultant and installed "pillow" as per photos and attached advice.

DCP Testing - Wall Returns - In Situ Material beneath wall - 20/06/2026				
Wall	**Date**	**Location**	**Number of Blows on DCP. Test completed at 150mm depth.**	**Comments**
1	20/06/2026	Wall 1 - 1A	18	
1	20/06/2026	Wall 1 - 1A + 15m	16	
1	20/06/2026	Wall 1 1C	18	
1	20/06/2026	Wall 1 1C +15m	16	
2	20/06/2026	Wall 2 2A	16	
2	20/06/2026	Wall 2 2A+15m	17	

DCP Testing - Subbase Layer - 11/03/2026				
Wall	**Date**	**Location**	**Number of Blows per 150mm penetration. Test at 150mm depth.**	**Comments**
1	11/03/2026	1B	30	
		1B+10m	30	
		1B+20m	30	
		1B+30m	30	
		1B+40m	20	
		1B+50m	20	
		1B+60m	24	
		1B+70m	27	
		1B+80m	25	
		1B+90m	20	
		1B+100m	30	
		1B+110m	26	
		1B+120m	26	
		1C	25	
2	11/03/2026	2B	28	
		2B+10m	28	
		2B+20m	23	
		2B+30m	18	
		2B+40m	23	
		2B+50m	25	
		2B+60m	22	
		2B+70m	25	
		2B+80m	30	
		2B+90m	30	
		2B+100m	30	
		2B+110m	29	
		2B+120m	30	
		2B+130m	30	
		2C	31	
DCP Testing - In Situ Material Layer - 11/03/2026				
2	11/03/2026	2C	18	
		2C+10m	20	
		2C+20m	20	
		2C+30m	16	
		2C+40m	17	
		2C+50m	16	
		2C+60m	16	
		2C+70m	20	
		2C+80m	21	
		2C+90m	20	
		2C+100m	20	
		2C+110m	18	
		2C+120m	18	
		2C+130m	16	
		22G	17	

DCP Testing - Cement Stabilised SubBase Layer - 26/02/2026					
Wall	**Date**	**Location**	**Number of Blows on DCP. Test completed at 150mm depth.**	**Penetration (mm)**	**Comments**
1	26/02/2026	Wall 1B	5	20	Stabilised Sand full length of this layer was unable to test - could not penetrate with DCP - values supplied to verifiy this.
			10	35	
			15	50	
		Wall 1B+10m	5	10	
			10	20	
			15	30	
			20	40	
			25	50	

DCP Testing - Wall Returns - In Situ Material beneath wall - 20/06/2026				
Wall	**Date**	**Location**	**Number of Blows on DCP. Test completed at 150mm depth.**	**Comments**
1	20/06/2026	Wall 1 - 1A	18	
1	20/06/2026	Wall 1 - 1A + 15m	16	
1	20/06/2026	Wall 1 1C	18	
1	20/06/2026	Wall 1 1C +15m	16	
2	20/06/2026	Wall 2 2A	16	
2	20/06/2026	Wall 2 2A+15m	17	

Wall 1 - Backfill PSP Testing for Pindan Fill				
Date	**Fill Layer**	**Location**	**Number of Blows per 300mm**	**Comments**
23/03/2026	Layer 1 RB - 001 - 1	1B	18	
		1B+20m	18	
		1B+40m	20	
		1B+60m	19	
		1B+80m	17	
		1B+100m	20	
		1C	20	
10/04/2026	Layer 2 RB - 001 - 2	1B	20	
		1B+20m	20	
		1B+40m	20	
		1B+60m	16	
		1B+80m	18	
		1B+100m	16	
		1C	15	
13/04/2026	Layer 3 RB - 001 - 3	1B	16	
		1B+20m	15	
		1B+40m	15	
		1B+60m	15	
		1B+80m	14	
		1B+100m	15	
		1C	15	
16/04/2026	Layer 4 RB - 001 - 4	1B	12	
		1B+20m	12	
		1B+40m	14	
		1B+60m	12	
		1B+80m	12	
		1B+100m	11	
		1C	12	
20/04/2026	Layer 5 RB - 001 - 5	1B	15	
		1B+20m	15	
		1B+40m	15+	
		1B+60m	15+	
		1B+80m	14	
		1B+100m	14	
		1C	14	
21/04/2026	Layer 6 RB - 001 - 6	1B	12	
		1B+20m	11	
		1B+40m	13	
		1B+60m	12	
		1B+80m	12	
		1B+100m	13	
		1C	13	

Wall 1 - Backfill in front of Wall - DCP Testing for Subbase Material				
Date	**Fill Layer**	**Location**	**Number of Blows per 150mm**	**Comments**
13/04/2026	Layer 1 RB - 007 - 1	1B	13	Sub-base Material in front of wall - 1 lift
		1B+20m	13	
		1B+40m	14	
		1B+60m	12	
		1B+80m	13	
		1B+100m	13	
		1C	14	

Wall 1 - Backfill PSP Testing for Pindan Fill				
Date	**Fill Layer**	**Location**	**Number of Blows per 300mm**	**Comments**
23/03/2026	Layer 1 RB - 001 - 1	1B	18	
		1B+20m	18	
		1B+40m	20	
		1B+60m	19	
		1B+80m	17	
		1B+100m	20	
		1C	20	
10/04/2026	Layer 2 RB - 001 - 2	1B	20	
		1B+20m	20	
		1B+40m	20	
		1B+60m	16	
		1B+80m	18	
		1B+100m	16	
		1C	15	
13/04/2026	Layer 3 RB - 001 - 3	1B	16	
		1B+20m	15	
		1B+40m	15	
		1B+60m	15	
		1B+80m	14	
		1B+100m	15	
		1C	15	
16/04/2026	Layer 4 RB - 001 - 4	1B	12	
		1B+20m	12	
		1B+40m	14	
		1B+60m	12	
		1B+80m	12	
		1B+100m	11	
		1C	12	
20/04/2026	Layer 5 RB - 001 - 5	1B	15	
		1B+20m	15	
		1B+40m	15+	
		1B+60m	15+	
		1B+80m	14	
		1B+100m	14	
		1C	14	
21/04/2026	Layer 6 RB - 001 - 6	1B	12	
		1B+20m	11	
		1B+40m	13	
		1B+60m	12	
		1B+80m	12	
		1B+100m	13	
		1C	13	

Wall 1 - Backfill in front of Wall - DCP Testing for Subbase Material				
Date	**Fill Layer**	**Location**	**Number of Blows per 150mm**	**Comments**
13/04/2026	Layer 1 RB - 007 - 1	1B	13	Sub-base Material in front of wall - 1 lift
		1B+20m	13	
		1B+40m	14	
		1B+60m	12	
		1B+80m	13	
		1B+100m	13	
		1C	14	

Wall 1 - Backfill PSP Testing for Pindan Fill				
Date	**Fill Layer**	**Location**	**Number of Blows per 300mm**	**Comments**
23/03/2026	Layer 1 RB - 001 - 1	1B	18	
		1B+20m	18	
		1B+40m	20	
		1B+60m	19	
		1B+80m	17	
		1B+100m	20	
		1C	20	
10/04/2026	Layer 2 RB - 001 - 2	1B	20	
		1B+20m	20	
		1B+40m	20	
		1B+60m	16	
		1B+80m	18	
		1B+100m	16	
		1C	15	
13/04/2026	Layer 3 RB - 001 - 3	1B	16	
		1B+20m	15	
		1B+40m	15	
		1B+60m	15	
		1B+80m	14	
		1B+100m	15	
		1C	15	
16/04/2026	Layer 4 RB - 001 - 4	1B	12	
		1B+20m	12	
		1B+40m	14	
		1B+60m	12	
		1B+80m	12	
		1B+100m	11	
		1C	12	
20/04/2026	Layer 5 RB - 001 - 5	1B	15	
		1B+20m	15	
		1B+40m	15+	
		1B+60m	15+	
		1B+80m	14	
		1B+100m	14	
		1C	14	
21/04/2026	Layer 6 RB - 001 - 6	1B	12	
		1B+20m	11	
		1B+40m	13	
		1B+60m	12	
		1B+80m	12	
		1B+100m	13	
		1C	13	

Wall 1 - Backfill in front of Wall - DCP Testing for Subbase Material				
Date	**Fill Layer**	**Location**	**Number of Blows per 150mm**	**Comments**
13/04/2026	Layer 1 RB - 007 - 1	1B	13	Sub-base Material in front of wall - 1 lift
		1B+20m	13	
		1B+40m	14	
		1B+60m	12	
		1B+80m	13	
		1B+100m	13	
		1C	14	

Wall 1 - Backfill PSP Testing for Pindan Fill				
Date	**Fill Layer**	**Location**	**Number of Blows per 300mm**	**Comments**
23/03/2026	Layer 1 RB - 001 - 1	1B	18	
		1B+20m	18	
		1B+40m	20	
		1B+60m	19	
		1B+80m	17	
		1B+100m	20	
		1C	20	
10/04/2026	Layer 2 RB - 001 - 2	1B	20	
		1B+20m	20	
		1B+40m	20	
		1B+60m	16	
		1B+80m	18	
		1B+100m	16	
		1C	15	
13/04/2026	Layer 3 RB - 001 - 3	1B	16	
		1B+20m	15	
		1B+40m	15	
		1B+60m	15	
		1B+80m	14	
		1B+100m	15	
		1C	15	
16/04/2026	Layer 4 RB - 001 - 4	1B	12	
		1B+20m	12	
		1B+40m	14	
		1B+60m	12	
		1B+80m	12	
		1B+100m	11	
		1C	12	
20/04/2026	Layer 5 RB - 001 - 5	1B	15	
		1B+20m	15	
		1B+40m	15+	
		1B+60m	15+	
		1B+80m	14	
		1B+100m	14	
		1C	14	
21/04/2026	Layer 6 RB - 001 - 6	1B	12	
		1B+20m	11	
		1B+40m	13	
		1B+60m	12	
		1B+80m	12	
		1B+100m	13	
		1C	13	

Wall 1 - Backfill in front of Wall - DCP Testing for Subbase Material				
Date	**Fill Layer**	**Location**	**Number of Blows per 150mm**	**Comments**
13/04/2026	Layer 1 RB - 007 - 1	1B	13	Sub-base Material in front of wall - 1 lift
		1B+20m	13	
		1B+40m	14	
		1B+60m	12	
		1B+80m	13	
		1B+100m	13	
		1C	14	