

Prepared for: Shadforth Civil

Level 1 Earthworks Report SkyRidge Development - Stage 10

3 November 2025 | PTP/12381 - 0015 - Rev0



REPORT DETAILS

Unique Document Identification

| Item | Description |
|-----------------------|---------------------------|
| Document Title | Level 1 Earthworks Report |
| Project Number | PTP/12381 |
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| Client Contact | Myles Naley |

Protest Office Details

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|------------------|---------------------------------------|
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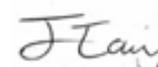
Revision Details

| Revision No. | Date | Comments |
|--------------|------------|---|
| A | 12/09/2025 | Draft Issue for Review |
| 0 | 03/11/2025 | Final Report Issued, excluding Basin Area |
| | | |
| | | |

Document Approval

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1 INTRODUCTION

This report summarises the results of inspection and testing provided by Protest CMT (Protest) for the bulk earthworks as part of the SkyRidge Development - Stage 10 (excluding basin area) project undertaken between 17/07/2023 to 03/11/2025. The works were undertaken at the request of Shadforth Civil.

The scope of inspection and testing undertaken was in general accordance with AS3798-2007 - 'Guidelines on Earthworks for Commercial and Residential Developments'. As part of the inspection and testing undertaken, Protest provided Level 1 supervision in accordance with Section 8.2 of AS3798-2007. Figure 1 indicates the approximate extent of site works carried out.

The constructed fill thickness generally ranged between 0.5m and up to approximately 10m in depth. Refer to Section 4, "Fill thickness greater than 5m" for important general information regarding fill thickness greater than 5m.

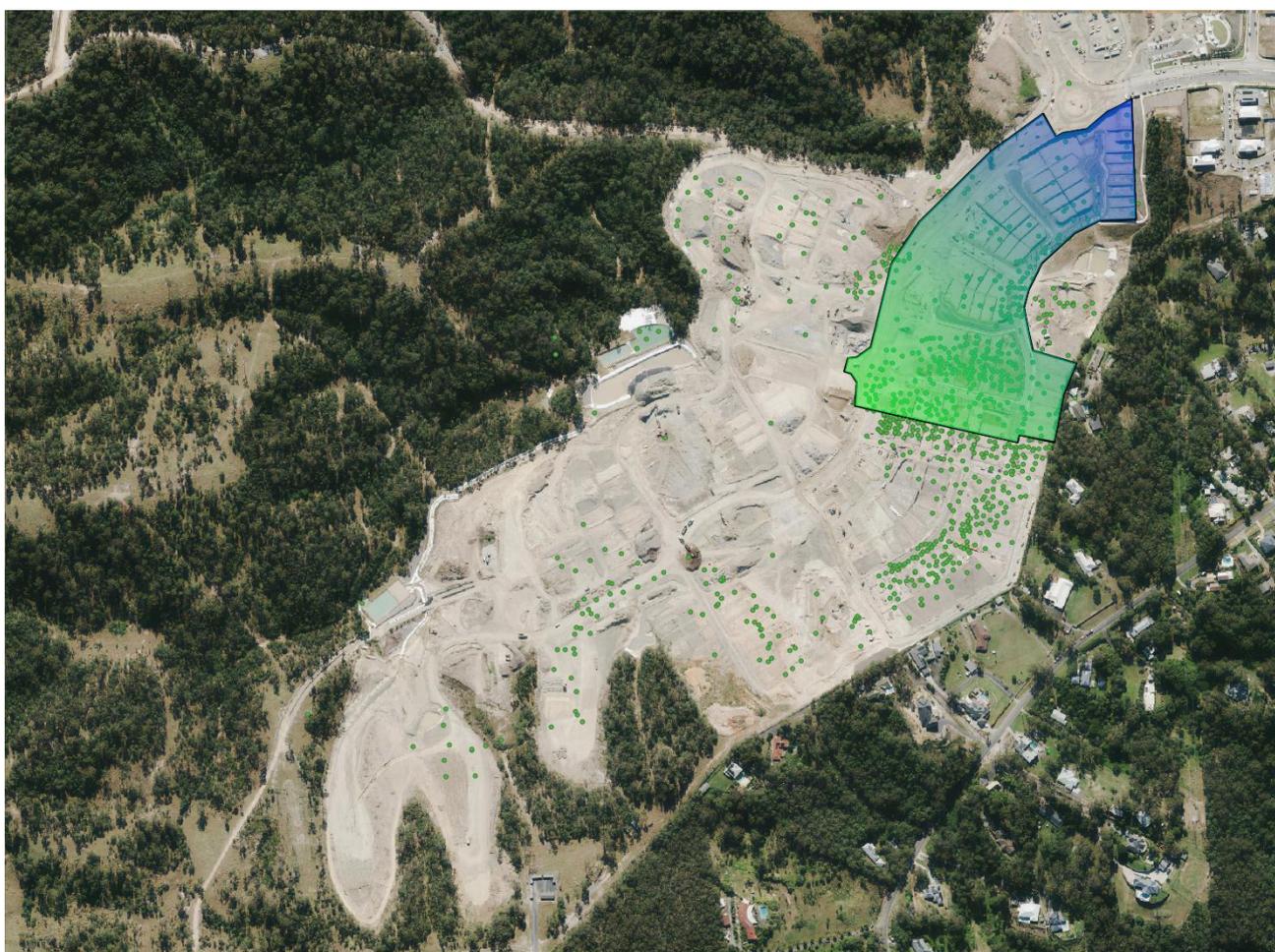


Figure 1: Approximate extent of site works (Image extracted from MetroMap, dated 25/06/2025)

Drawing No. SRE-AAP-DD-P0310-DRG-CV-(0101-0105) - *Bulk Earthworks Layout Plan Sheet 1-5* attached is the bulk earthworks cut to fill plan. The frequency of field density testing adopted for this project was based on AS3798-2007, Table 8.1 - 'Frequency of Field Density Tests' with a minimum of one test per 500m³ placed for a Type 1 - Large Scale Operation.

Based on the information provided within the method specification of Letter No. PTP/10523 - 0009 - Rev3 - *Coarse Fill Earthworks Method Specification*, the minimum relative compaction requirements were specified. A summary of the criteria is shown below in Table 1.

Table 1: Test Request Compaction Specification

| Fill Type | Dry Density Ratio |
|--------------------------|-------------------|
| Residential General Fill | ≥98% |

2 REGIONAL GEOLOGY

Based on the information provided by the Queensland Geotechnical Database, the site is underlain by the (DCf) Neranleigh-Fernvale beds geological formation. This formation comprises;

- (DCf) *Mudstone, shale, arenite, chert, jasper, basic metavolcanics, pillow lava, conglomerate.*

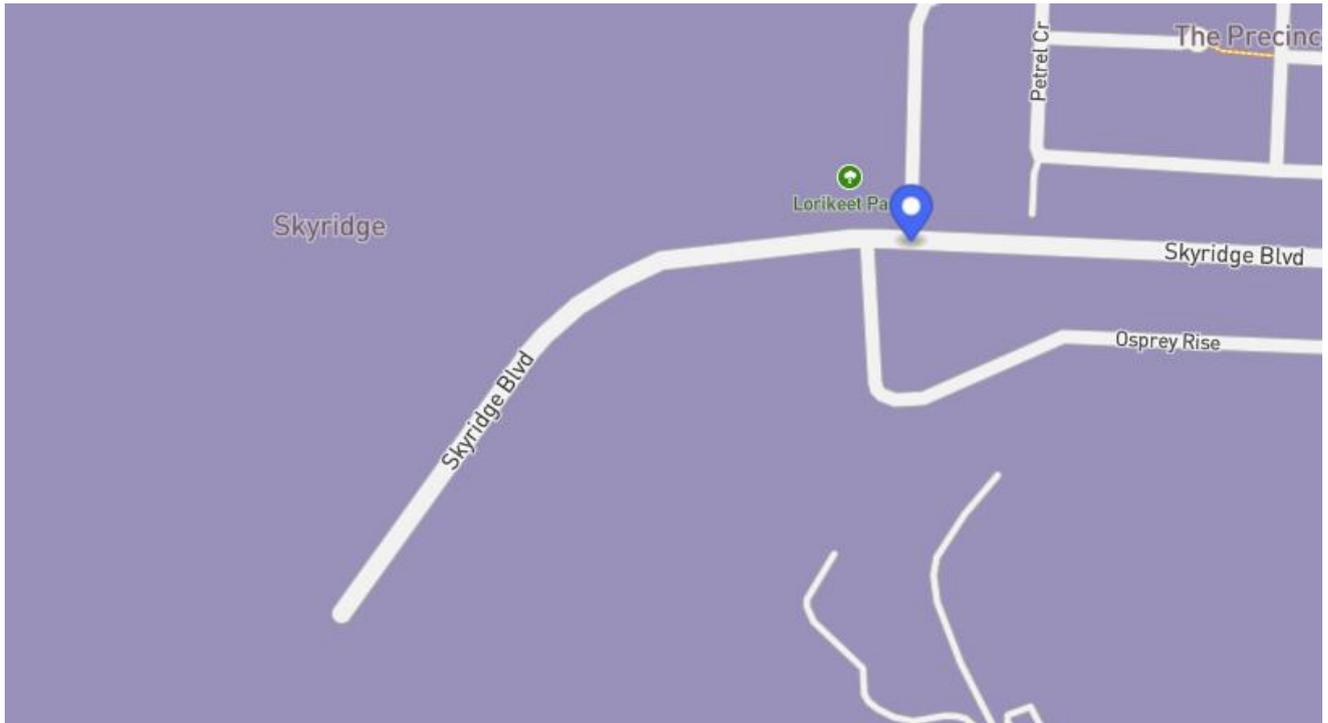


Figure 2: Geological formations map (Image extracted from qgd.org.au)

3 EARTHWORKS ACTIVITIES

Foundation preparation observed by Protest comprised the removal of topsoil and unsuitable materials across the cut to fill area exposing the underlying natural materials. A proof roll was performed on the natural soils using a Padfoot Roller and no noticeable movement was observed on the final pass. Sloping areas requiring filling were benched and continually keyed into the slope prior to and during placement. Compaction of the fill was carried out using the below plant carrying out multiple passes.



Figure 3: "Earthworks Operation" - (17/07/2023)

Following successful proof rolling, filling operations comprised the placement and compaction of material obtained from an onsite source, which were typically gravel-based soils. Coarse graded material was used in the lower portions of the fill profile. Mechanical crushing plant had been used to crush oversized rock onsite. Coarse fill was placed and compacted using the following methodology:

- Mechanical Crusher breaking down rock into approximately 100mm size or less.
- Mixed with front end loader into stockpiles for suitable fill for earthwork operations.
- Spread in thin layers and compacted with an 825 compactor, 22.5 tonne vibrating pad foot roller and a 25 tonne rock roller carrying out sufficient passes to a point that compaction was achieved.

Verification of this methodology was made by:

- Each placed layer proof rolled using 40t Articulated Dump Truck (ADT) to determine if fill layer has achieved an interlocked state.
- Plate load tests have been conducted on selected areas throughout the coarse fill depth to check the typical stiffness of the coarse fill after compaction and confirm the effectiveness of the method specification.

A capping layer was introduced over the final 300mm to finished surface level (FSL), comprising well-graded gravel processed onsite with a maximum particle size of 75mm.

The following heavy plant were used throughout the bulk earthworks component:

- | | | |
|-----------------|--------------|------------------|
| » 825 Compactor | » Dozers | » Dump Trucks |
| » Water Carts | » Excavators | » Padfoot Roller |

A total of 948 field density ratio tests were undertaken at locations selected by Protest during the filling operations. Field density testing was carried out using a nuclear gauge and in accordance with the test method outlined in AS1289.5.8.1. The relative compaction was then determined by comparing the recorded field density with the laboratory compaction control test (standard compaction) outlined in test method AS1289.5.7.1. Due to the presence of oversized material across the site, not all locations were suitable for density testing to the above methods. In these cases, compliance was verified using an interlock methodology appropriate for coarse, low-fines fills, while conventional nuclear gauge compaction testing was applied to zones containing sufficient fines.

At locations that coarse fill was placed and compacted, plate load testing was undertaken for approximately every 5,000m³ of material placed. A total of 17 plate load tests were undertaken within this stage of works, with the results attached. At three of the test locations, large amounts of settlement were noted during the plate load tests and these areas were reworked under Level 1 supervision.

These test locations and levels were not obtained by survey and therefore should only be considered as approximate. Figures 4 and 5 are images that were taken during the earthworks and show general filling operations.



Figure 4: "Course Rock Fill Placement" - (1/03/2025)



Figure 5: “Fill Area prior to Capping” – (15/03/2024)

4 FILL THICKNESS GREATER THAN 5M

Fill thicknesses of greater than 5m and locally up to approximately 10m have been constructed at Skyridge – Stage 10. The foundation designer for residential structures must take into consideration ground surface settlements when designing slabs and footings. Long term settlements are likely to be gradual however, may accelerate if the fill becomes saturated.

Long term ground surface creep settlements for well compacted fill is expected to be limited to a maximum of 1.0% of the thickness of the fill. Differential settlement can occur in the fill and will be proportionate to the variation in fill thickness.

In ground services should utilise flexible couplings in the areas of fill that exceed a thickness of 5m. Flexible retaining walls should be adopted if required at locations where the fill exceeds 5m thick.

The thickness of fill should be considered when assessing the slope stability at this project.

Please refer to the Lot Disclosures Plans which can be requested from the developer for the actual constructed fill thickness and extremities on Individual Lots, particularly for Lots where in excess of 5m depth of fill has been placed, or Lots with varying depths of fill.

5 COMPLIANCE

As far as it has been able to determine, it is our opinion that the bulk earthworks placed and compacted at SkyRidge Development - Stage 10 (excluding basin area) by Shadforth Civil between 17/07/2023 to 3/11/2025 comply with the above-mentioned specifications and can be considered as Level 1 ‘controlled’ fill as defined in AS3798-2007 – ‘Guidelines on Earthworks for Commercial and Residential Developments’.

6 COMMENTS

Based on the results of the inspections and field density testing whilst Protest were on-site, it is considered that the bulk earthworks at SkyRidge Development - Stage 10 (excluding basin area) between 17/07/2023 to 3/11/2025 have been undertaken in general accordance with AS3798-2007 - *'Guidelines on Earthworks for Commercial and Residential Developments'*. Protest believes consideration should be given to the following:

- » This report only certifies the bulk earthworks activities supervised by Protest between 17/07/2023 to 3/11/2025. Protest does not take responsibility for any other bulk earthworks activities that have occurred before or after these dates;
- » The installation of services or any activities that may cause disruption of the compacted filling;
- » The suitability of the filled land to support the proposed structures;
- » Any variation in filling depth or extent of areas that is not noted within this report or on the individual test report sheets; and
- » Occasional oversize particles including cobbles and boulders may be present in the deeper fill profile, however are not considered to affect the fill as a mass.

7 LIMITATIONS

Protest CMT (“Protest”) has prepared this report for the bulk earthworks at SkyRidge Development - Stage 10. This report was produced for the sole use of Shadforth Civil. This Report should not be used or relied upon for any other purpose without Protest’s prior written consent. Protest does not accept any responsibility or liability in any way whatsoever for the use or reliance of this Report by anyone other than the Client, its designers, its clients, and relevant statutory authorities or by anyone else for any purpose other than that for which it has been prepared. In the preparation of this report Protest has relied upon information provided by the client and/or their agents.

Assessments of material quality such as soaked CBR and site classifications are excluded from this commission. This report is not to be relied upon for settlement analysis and soft soils engineering advice. This is beyond the scope of this report and outside our engagement.

Our onsite attendance specifically excludes assessments of fill material quality and engineering properties that are outside the requirements of AS3798-2007, including soil or fill reactivity and soaked CBR values. We note that the fill materials used may result in unfavourable site classifications and low subgrade design strengths.

The results provided in this report are indicative of the subsurface conditions on the site only at the specific sampling or testing locations, and then only to the depths investigated along with the time the work was carried out. It is known that subsurface conditions can suddenly change due to irregular geological processes and as a result of human influences. Such changes may occur after Protest field testing has been completed.

Certain ground conditions and the materials behaviour observed or contained at the test locations may alter from those which may be encountered elsewhere on the site. Should variations in subsurface conditions be encountered, then additional advice should be sought from Protest and, if required, amendments made.

Protest cannot be held responsible for interpretations or conclusions made by others unless they are supported by an expressed statement, interpretation, outcome, or conclusion given in this report.

Footings and ground slabs for any structures constructed over natural soils or controlled fill should be designed to accommodate the characteristic ground surface movements and settlement potential. Assessments of these design parameters are beyond the scope of this Report.

The Following should also be considered:

- » This report is not a SITE CLASS REPORT as per AS2870-2011 and not a Geotechnical Site Investigation report as per AS1726-2017;
- » The shrink/swell movements which can occur in the residual silty clays due to weather related natural moisture changes by the reduction in surface evaporation subsequent to covering the site with buildings and pavements. As outlined in AS2870-2011 – ‘Residential Slabs and Footings’;
- » It should be noted that there is a possibility that compaction levels may have increased during placement of subsequent layers especially when there have been fully laden earthmoving equipment frequently travel across the fill areas exerting high traffic loads; and
- » All compacted filling is subject to decompaction phenomenon.
- » Basin area will be included in a future report.

Protest does not accept any liability or responsibility whatsoever for, or in respect of, any use or reliance upon this Report by any other party. Protest is not obliged to enter into discussions with any third party in respect of this Report.

We trust that the above information is suitable for your present requirements. Should you have any queries, please do not hesitate to contact this office.

Appendices: A. Site Plan & Testing Locations.
 B. Laboratory Test Reports.
 C. Plate Load Test Reports.

01



Appendix A Site Plan & Testing Locations



NOTES

1. THE CONTRACTOR IS TO FENCE LIMIT OF WORKS PRIOR TO PRE START MEETING WITH COUNCIL.
2. SEDIMENT AND EROSION CONTROL MEASURES ARE TO BE INSTALLED PRIOR TO COMMENCEMENT OF CLEARING AND GRUBBING WORKS.
3. AN AUTHORISED SPOTTER-CATCHER IS TO BE ON SITE PRIOR TO THE COMMENCEMENT OF AND DURING THE CLEARING WORK.
4. ANY CLEARING REQUIRED TO BE UNDERTAKEN BY THE CONTRACTOR IS TO BE STRICTLY IN ACCORDANCE WITH THE COUNCIL APPROVED VEGETATION MANAGEMENT PLAN.
5. THE AREA WITHIN THE LIMITS OF CLEARING SHALL BE CLEARED OF ALL VEGETATION, ALL MINOR MAN-MADE STRUCTURES (SUCH AS FENCES, BUILDING MATERIAL AND EXISTING DRIVEWAYS), ALL RUBBISH AND OTHER MATERIALS WHICH, IN THE OPINION OF THE SUPERINTENDENT, ARE UNSUITABLE FOR USE IN THE WORKS WITH THE EXCEPTION OF CERTAIN TREES MARKED FOR PRESERVATION.
6. TREES ARE TO BE MULCHED AND STOCKPILED ON SITE FOR USE IN LANDSCAPING. EXCESS TO BE REMOVED FROM SITE AT CONTRACTORS EXPENSE.
7. WHERE PARTS OF TREES CANNOT BE MULCHED, THEY ARE TO BE DISPOSED OF OFF-SITE AT AN APPROVED FACILITY.
8. ALL TOPSOIL FROM EARTHWORKS AREA SHALL BE STRIPPED AND STOCKPILED PRIOR TO THE COMMENCEMENT OF ANY EARTHWORKS OPERATIONS.
9. NOTWITHSTANDING THE LIMITS OF CUTTING AND FILLING SHOWN ON THE DRAWINGS, THE ACTUAL LIMITS SHALL BE DETERMINED ON SITE BY THE ENGINEER DURING CONSTRUCTION. FINISHED SURFACE CONTOURS MAY BE ADJUSTED BY WRITTEN DIRECTION OF THE ENGINEER DURING CONSTRUCTION.
10. FILL AREAS SHALL BE CONSTRUCTED IN LAYERS NOT EXCEEDING 300mm LOOSE DEPTH, THE FILL MATERIAL SHALL BE COMPACTED TO 98% (MINIMUM) OF THE MAXIMUM DRY DENSITY. TESTING SHALL BE IN ACCORDANCE WITH A.S. 1288 (MODIFIED COMPACTION). THE CONTRACTOR SHALL SUPPLY TO THE ENGINEER CERTIFICATION OF THE COMPACTION ACHIEVED.
11. ALL EARTHWORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH ASS798 UNDER LEVEL 1 SUPERVISION.
12. ALL FILL PLACED ON THE SITE IS TO COMPRISE OF ONLY NATURAL EARTH AND ROCK AND IS TO BE FREE OF ALL CONTAMINANTS (REFER TO THE ENVIRONMENTAL PROTECTION ACT 1994 SECTION 11). NO DEMOLITION MATERIAL IS TO BE USED.
13. UNLESS DIRECTED OTHERWISE BY THE SUPERINTENDENT ALL FILL SHALL BE PLACED AT BETWEEN +2% AND -2% OF OPTIMUM MOISTURE CONTENT.
14. PROPOSED SURFACE CONTOURS ARE DESIGN SURFACE LEVELS. FINISHED SURFACE LEVELS ARE DESIGN FINISHED SURFACE LEVELS.
15. ALL NEW WORKS TO MATCH NEATLY WITH EXISTING. THE CONTRACTOR SHALL CONFIRM LOCATION OF ALL EXISTING SERVICES AND PROTECT THESE SERVICES DURING CONSTRUCTION. DAMAGED SERVICES SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE.
16. ALL OF THE SITE SHALL BE KEPT FREE DRAINING DURING ALL PHASES OF THE PROJECT.
17. REFER TO ROAD CROSS SECTIONS FOR BATTER GRADES. REFER LAYOUT PLAN WHERE GRADES ARE NOT SPECIFIED.
18. DEEP FILL (>5m DEPTH) TO BE PLACED AND COMPACTED IN ACCORDANCE WITH GEOTECHNICAL ENGINEER ADVICE AND SPECIFICATIONS.

CUT FILL DEPTH RANGE

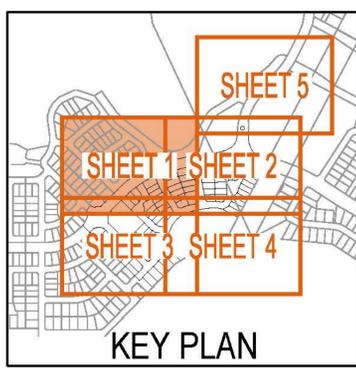
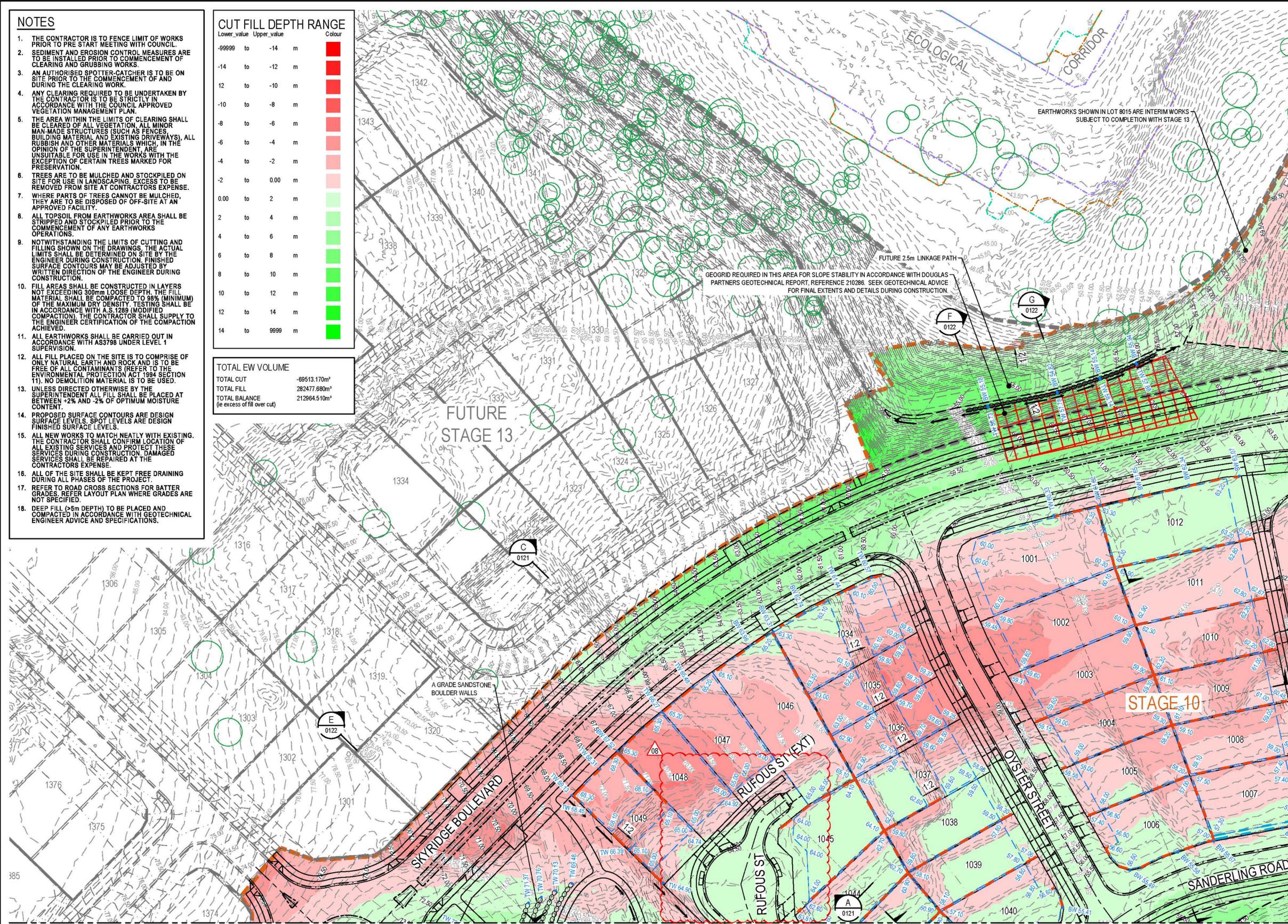
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TOTAL EW VOLUME

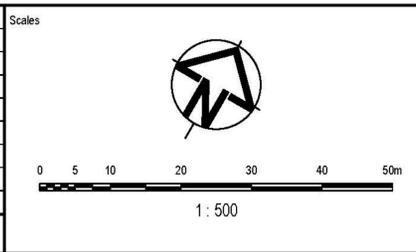
| | |
|--|--------------|
| TOTAL CUT | -69513.170m³ |
| TOTAL FILL | 282477.680m³ |
| TOTAL BALANCE (ie excess of fill over cut) | 212964.510m³ |

LEGEND

- EXTENT OF WORKS BOUNDARY
- FUTURE STAGE BOUNDARY
- EXISTING STAGES EXTENT OF WORKS BOUNDARY
- 5.0 PROPOSED SURFACE CONTOURS
- 5.0 FUTURE STAGES SURFACE CONTOURS
- 5.0 EXISTING SURFACE CONTOURS
- EARTHWORKS BATTER
- CATCH DRAIN
- BUILDING PAD AND LEVEL
- BUILDING PAD LEVELS IN FUTURE STAGE
- swd EXISTING STORMWATER DRAINAGE
- s EXISTING SEWERAGE RETICULATION
- w EXISTING WATER RETICULATION
- e EXISTING UNDERGROUND ELECTRICAL RETICULATION
- oh EXISTING OVERHEAD ELECTRICAL RETICULATION
- CONCRETE SLEEPER RETAINING WALL. REFER DRG-CV-0161 FOR DETAILS.
- TIERED CONCRETE SLEEPER RETAINING WALL - RENDERED BLOCKWORK.
- 0.2m - 1.5m SINGLE TIER FRONTAGE RETAINING WALL - RENDERED BLOCKWORK.
- GRouted ROCK RETAINING WALL. REFER DRG-CV-0162 FOR DETAILS.
- BLOCKWORK RETAINING WALL TO ENERGEX DETAILS.
- BOULDER RETAINING WALL. REFER TO DRG-CV-0162 FOR DETAILS.
- TW TOP OF WALL LEVEL
- BW BOTTOM OF WALL LEVEL
- RL SPOT LEVEL
- INDICATIVE 1%AEP FLOOD LINE BASED ON MASTERPLAN MODELLING BY DESIGNFLOW
- INDICATIVE 2%AEP FLOOD LINE BASED ON MASTERPLAN MODELLING BY DESIGNFLOW
- INDICATIVE 20%AEP FLOOD LINE BASED ON MASTERPLAN MODELLING BY DESIGNFLOW
- EXISTING TREES



| Issue | Description | DR | CH | VE | Date |
|-------|---|------|------|------|----------|
| 08 | CUL-DE-SAC GRADING AMENDMENTS | J.V. | E.A. | M.W. | 19.12.24 |
| 07 | CALLOUT AMENDMENT | B.M. | E.A. | M.W. | 08.10.24 |
| 06 | EARTHWORKS VOLUME AMENDMENT | B.M. | E.A. | M.W. | 17.07.24 |
| 05 | WALL LEVELS AMENDED | B.M. | E.A. | M.W. | 18.04.24 |
| 04 | GRADING AND RETAINING WALL AMENDMENTS | B.M. | E.A. | M.W. | 18.03.24 |
| 03 | RETAINING WALLS AND SPOT LEVELS AMENDED | B.M. | E.A. | M.W. | 04.09.23 |
| 02 | COUNCIL RFI AMENDMENTS | E.P. | E.A. | M.W. | 27.07.23 |
| 01 | ORIGINAL ISSUE | E.P. | E.A. | M.W. | 12.05.23 |



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| Designed | E. ANLANCAN | Grid | LOCAL |
| Project Manager | M. WENZEL | | |
| Verified | M. WENZEL | | |

Project

SKYRIDGE STAGE 10
INTERNAL WORKS

Title

BULK EARTHWORKS
LAYOUT PLAN SHEET 1

Arcadis Australia Pacific Pty Limited
Level 7, Seabank Building, 12-14 Marine Parade
SOUTHPORT QLD 4215
ABN 76 104 485 289
Tel No: +61 7 5503 4800
www.arcadis.com/au

Project Number 30062655

Issue Number 08

Drawing No. SRE-AAP-DD-P0310-DRG-CV-0101

FOR CONTINUATION REFER DRG-CV-0105



CUT FILL DEPTH RANGE

| Lower_value | Upper_value | Colour |
|-------------|-------------|--------|
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| -14 | to -12 | m |
| 12 | to -10 | m |
| -10 | to -8 | m |
| -8 | to -6 | m |
| -6 | to -4 | m |
| -4 | to -2 | m |
| -2 | to 0.00 | m |
| 0.00 | to 2 | m |
| 2 | to 4 | m |
| 4 | to 6 | m |
| 6 | to 8 | m |
| 8 | to 10 | m |
| 10 | to 12 | m |
| 12 | to 14 | m |
| 14 | to 9999 | m |

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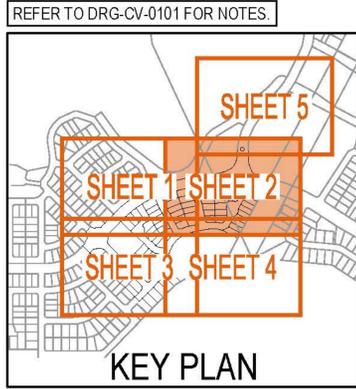
(ie excess of fill over cut)

LEGEND

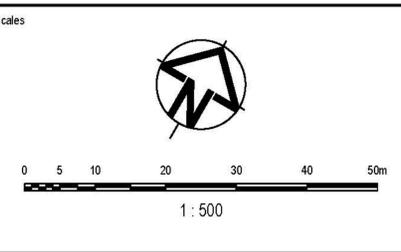
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FOR CONTINUATION REFER DRG-CV-0101

FOR CONTINUATION REFER DRG-CV-0104



| Issue | Description | DR | CH | VE | Date |
|-------|--|------|------|------|----------|
| 09 | CUL-DE-SAC GRADING AMENDMENTS | J.V. | E.A. | M.W. | 19.12.24 |
| 08 | RETAINING WALL AMENDMENTS | B.M. | E.A. | M.W. | 08.10.24 |
| 07 | GRADING AMENDMENT, ADDITION OF CUT DRAIN | B.M. | E.A. | M.W. | 12.08.24 |
| 06 | SKYRIDGE BLVD ROUNDABOUT GRADING AMENDMENT | B.M. | E.A. | M.W. | 17.07.24 |
| 05 | SPOT LEVELS AMENDED AND CALLOUT ADDED | B.M. | E.A. | M.W. | 18.04.24 |
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Surveyor

BENNETT + BENNETT

Client

SKYRIDGE

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| Original Issue Signatures | | Original Size | A1 |
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| Verified | M. WENZEL | | |

Project

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INTERNAL WORKS

Title

BULK EARTHWORKS
LAYOUT PLAN SHEET 2

ARCADIS

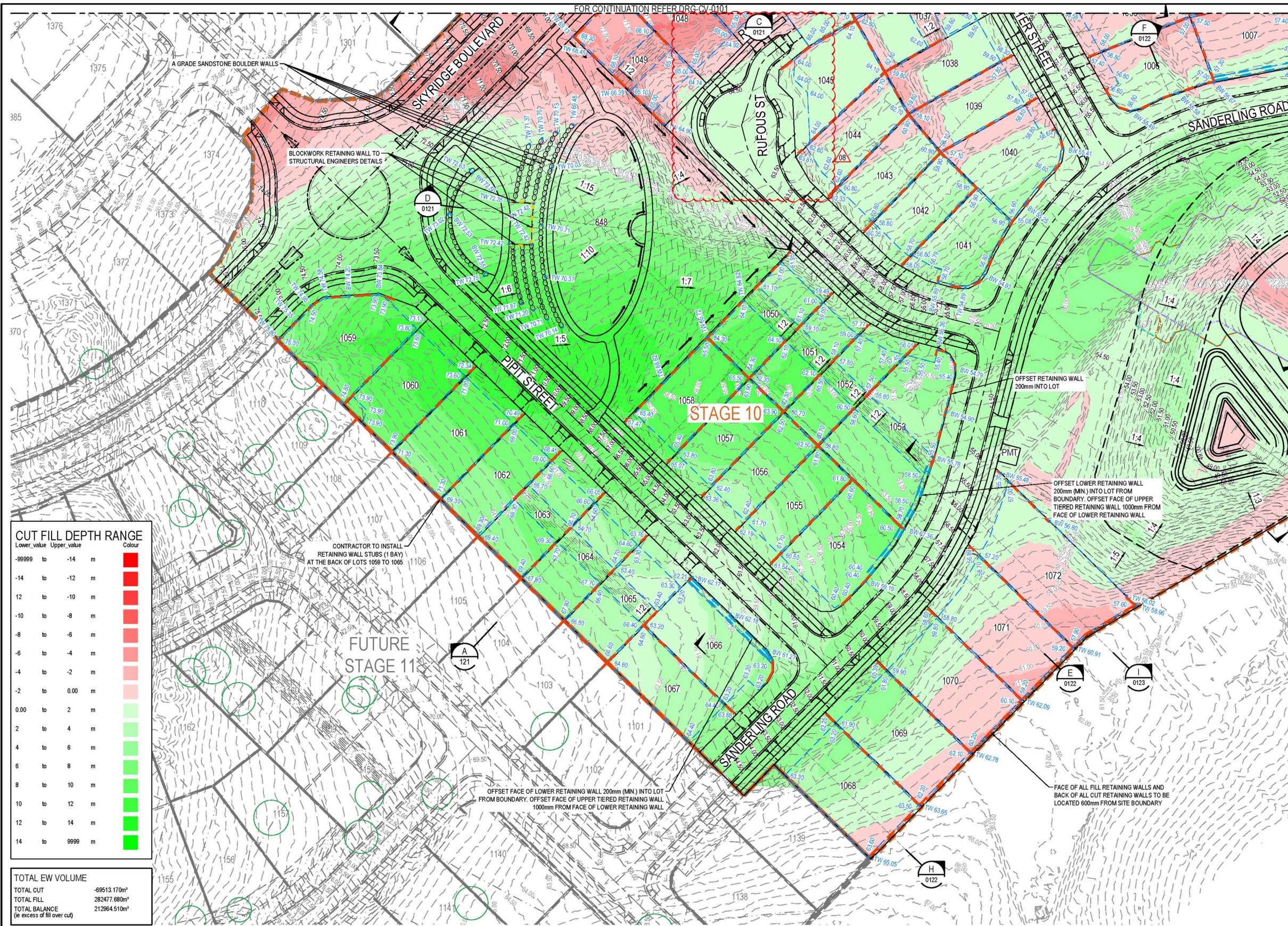
Arcadis Australia Pacific Pty Limited
Level 7, Seabank Building, 12-14 Marine Parade
SOUTHPORT QLD 4215
ABN 76 104 485 289
Tel No: +61 7 5503 4800
www.arcadis.com/au

Project Number: 30062655

Drawing No: SRE-AAP-DD-P0310-DRG-CV-0102

09

FOR CONTINUATION REFER DRG-CV-0101



LEGEND

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- GRouted ROCK RETAINING WALL. REFER DRG-CV-0162 FOR DETAILS.
- BLOCKWORK RETAINING WALL TO ENERGEX DETAILS.
- BOULDER RETAINING WALL. REFER TO DRG-CV-0162 FOR DETAILS.
- TW TOP OF WALL LEVEL
- BW BOTTOM OF WALL LEVEL
- RL SPOT LEVEL
- INDICATIVE 1%AEP FLOOD LINE BASED ON MASTERPLAN MODELLING BY DESIGNFLOW
- INDICATIVE 2%AEP FLOOD LINE BASED ON MASTERPLAN MODELLING BY DESIGNFLOW
- INDICATIVE 20%AEP FLOOD LINE BASED ON MASTERPLAN MODELLING BY DESIGNFLOW
- EXISTING TREES

CUT FILL DEPTH RANGE

| Lower_value | Upper_value | Colour |
|-------------|-------------|--------|
| -99999 | -14 | m |
| -14 | -12 | m |
| 12 | -10 | m |
| -10 | -8 | m |
| -8 | -6 | m |
| -6 | -4 | m |
| -4 | -2 | m |
| -2 | 0.00 | m |
| 0.00 | 2 | m |
| 2 | 4 | m |
| 4 | 6 | m |
| 6 | 8 | m |
| 8 | 10 | m |
| 10 | 12 | m |
| 12 | 14 | m |
| 14 | 9999 | m |

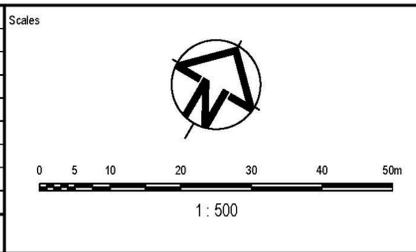
TOTAL EW VOLUME

| | |
|--|--------------------------|
| TOTAL CUT | -69513.170m ³ |
| TOTAL FILL | 282477.680m ³ |
| TOTAL BALANCE (ie excess of fill over cut) | 212964.510m ³ |

REFER TO DRG-CV-0101 FOR NOTES.

KEY PLAN

| Issue | Description | DR | CH | VE | Date |
|-------|---|------|------|------|----------|
| 08 | CUL-DE-SAC GRADING AMENDMENTS | J.V. | E.A. | M.W. | 19.12.24 |
| 07 | GRADING AMENDMENT, ADDITION OF CUT DRAIN | B.M. | E.A. | M.W. | 12.08.24 |
| 06 | PARK GRADING AMENDMENT | B.M. | E.A. | M.W. | 17.07.24 |
| 05 | RETAINING WALL, SPOT LEVELS AND CALLOUT AMENDED | B.M. | E.A. | M.W. | 18.04.24 |
| 04 | GRADING AND RETAINING WALL AMENDMENTS | B.M. | E.A. | M.W. | 18.03.24 |
| 03 | RETAINING WALLS AND SPOT LEVELS AMENDED | B.M. | E.A. | M.W. | 04.09.23 |
| 02 | COUNCIL RFI AMENDMENTS | E.P. | E.A. | M.W. | 27.07.23 |
| 01 | ORIGINAL ISSUE | E.P. | E.A. | M.W. | 12.05.23 |



Surveyor

Client

Status

FOR APPROVAL
CONSTRUCTION SUBJECT TO APPROVAL

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| | | | |
|---------------------------|------------|---------------|-------|
| Original Issue Signatures | | Original Size | A1 |
| Drawn | E. PON | Height Datum | AHD |
| Designed | E. ANLACAN | Grid | LOCAL |
| Project Manager | M. WENZEL | | |
| Verified | M. WENZEL | | |

Project

SKYRIDGE STAGE 10
INTERNAL WORKS

Title

BULK EARTHWORKS
LAYOUT PLAN SHEET 3

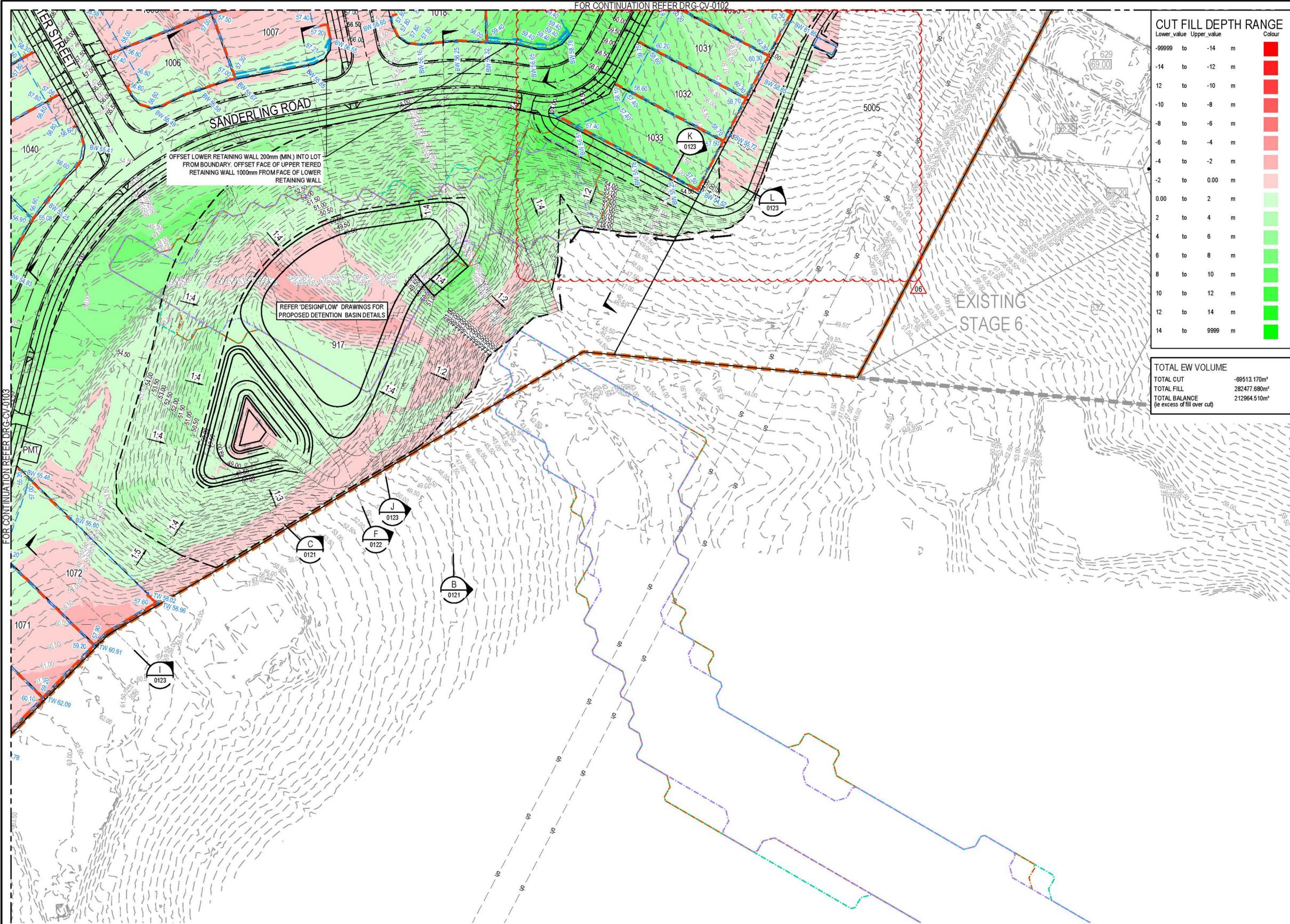
Arcadis Australia Pacific Pty Limited
Level 7, Seabank Building, 12-14 Marine Parade
SOUTHPORT QLD 4215
ABN 76 104 485 289
Tel No: +61 7 5503 4800
www.arcadis.com/au

Project Number 30062655

Drawing No SRE-AAP-DD-P0310-DRG-CV-0103

Date Plotted: 19 Dec 2024 - 01:19PM File Name: C:\Users\jmn0894\Documents\Arcadis\AAU-30062655-Skyridge Estate\Project Files\01_WIP\01_CVP\03\Drawings\SRE-AAP-DD-P0310-DRG-CV-0101-EW.dwg

FOR CONTINUATION REFER DRG-CV-0102

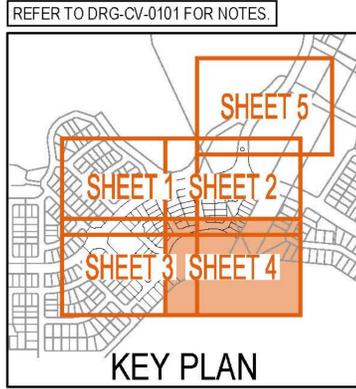


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| -4 | to -2 | m |
| -2 | to 0.00 | m |
| 0.00 | to 2 | m |
| 2 | to 4 | m |
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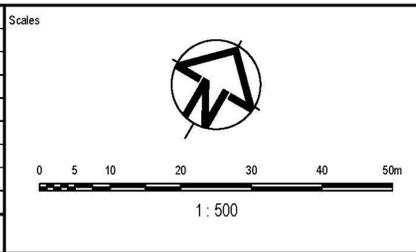
| TOTAL EW VOLUME | |
|------------------------------|--------------------------|
| TOTAL CUT | -69513.170m ³ |
| TOTAL FILL | 282477.680m ³ |
| TOTAL BALANCE | 212964.510m ³ |
| (ie excess of fill over cut) | |

| LEGEND | |
|--------|--|
| | EXTENT OF WORKS BOUNDARY |
| | FUTURE STAGE BOUNDARY |
| | EXISTING STAGES EXTENT OF WORKS BOUNDARY |
| | PROPOSED SURFACE CONTOURS |
| | FUTURE STAGES SURFACE CONTOURS |
| | EXISTING SURFACE CONTOURS |
| | EARTHWORKS BATTER |
| | CATCH DRAIN |
| | BUILDING PAD AND LEVEL |
| | BUILDING PAD LEVELS IN FUTURE STAGE |
| | EXISTING STORMWATER DRAINAGE |
| | EXISTING SEWERAGE RETICULATION |
| | EXISTING WATER RETICULATION |
| | EXISTING UNDERGROUND ELECTRICAL RETICULATION |
| | EXISTING OVERHEAD ELECTRICAL RETICULATION |
| | CONCRETE SLEEPER RETAINING WALL. REFER DRG-CV-0161 FOR DETAILS. |
| | TIERED CONCRETE SLEEPER RETAINING WALL - RENDERED BLOCKWORK |
| | 0.2m - 1.5m SINGLE TIER FRONTAGE RETAINING WALL - RENDERED BLOCKWORK |
| | GRouted ROCK RETAINING WALL REFER DRG-CV-0162 FOR DETAILS. |
| | BLOCKWORK RETAINING WALL TO ENERGEX DETAILS. |
| | BOULDER RETAINING WALL. REFER TO DRG-CV-0162 FOR DETAILS. |
| | TOP OF WALL LEVEL |
| | BOTTOM OF WALL LEVEL |
| | SPOT LEVEL |
| | INDICATIVE 1%AEP FLOOD LINE BASED ON MASTERPLAN MODELLING BY DESIGNFLOW |
| | INDICATIVE 2%AEP FLOOD LINE BASED ON MASTERPLAN MODELLING BY DESIGNFLOW |
| | INDICATIVE 20%AEP FLOOD LINE BASED ON MASTERPLAN MODELLING BY DESIGNFLOW |
| | EXISTING TREES |

FOR CONTINUATION REFER DRG-CV-0103



| Issue | Description | DR | CH | VE | Date |
|-------|--|------|------|------|----------|
| 06 | GRADING AMENDMENT, ADDITION OF CUT DRAIN | B.M. | E.A. | M.W. | 12.08.24 |
| 05 | GRADING AMENDMENT | B.M. | E.A. | M.W. | 17.07.24 |
| 04 | GRADING AND RETAINING WALL AMENDMENTS | B.M. | E.A. | M.W. | 18.03.24 |
| 03 | RETAINING WALLS AND SPOT LEVELS AMENDED | B.M. | E.A. | M.W. | 04.09.23 |
| 02 | COUNCIL RFI AMENDMENTS | E.P. | E.A. | M.W. | 27.07.23 |
| 01 | ORIGINAL ISSUE | E.P. | E.A. | M.W. | 12.05.23 |



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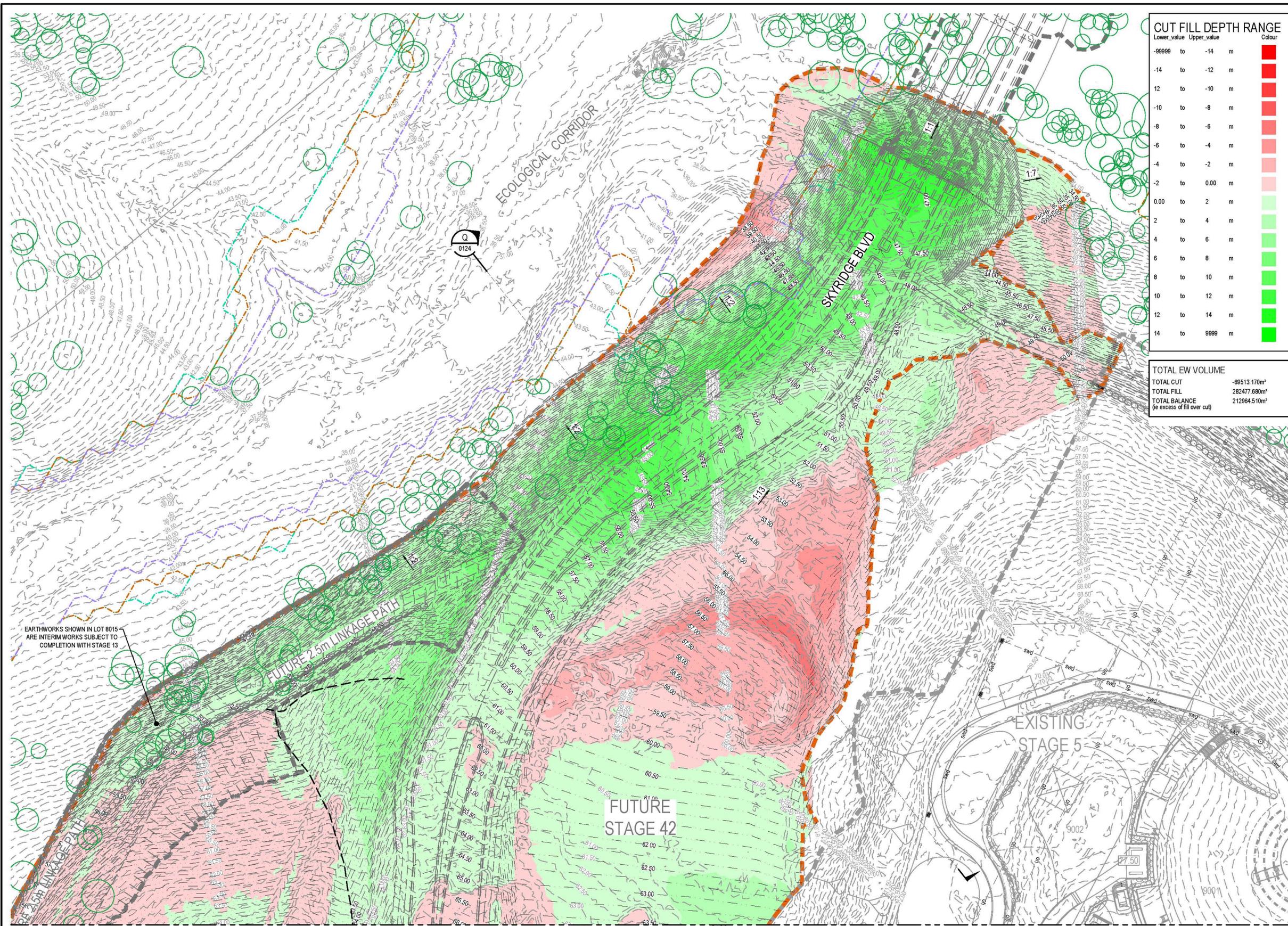
Client

| FOR APPROVAL CONSTRUCTION SUBJECT TO APPROVAL | | | |
|--|------------|---------------|-------|
| © Copyright reserved | | | |
| Original Issue Signatures | | | |
| Drawn | E. PON | Original Size | A1 |
| Designed | E. ANLACAN | Height Datum | AHD |
| Project Manager | M. WENZEL | Grid | LOCAL |
| Verified | M. WENZEL | | |

| Project | SKYRIDGE STAGE 10 INTERNAL WORKS |
|---------|--|
| Title | BULK EARTHWORKS LAYOUT PLAN SHEET 4 |

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SOUTHPORT QLD 4215
ABN 76 104 485 289
Tel No: +61 7 5503 4800
www.arcadis.com/au

| | |
|----------------|------------------------------|
| Project Number | 30062655 |
| Drawing No | SRE-AAP-DD-P0310-DRG-CV-0104 |
| Sheet | 06 |



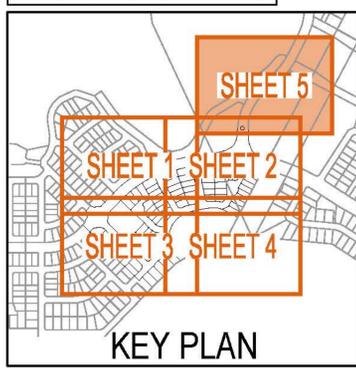
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| -10 | to -8 | m |
| -8 | to -6 | m |
| -6 | to -4 | m |
| -4 | to -2 | m |
| -2 | to 0.00 | m |
| 0.00 | to 2 | m |
| 2 | to 4 | m |
| 4 | to 6 | m |
| 6 | to 8 | m |
| 8 | to 10 | m |
| 10 | to 12 | m |
| 12 | to 14 | m |
| 14 | to 9999 | m |

| TOTAL EW VOLUME | |
|---|--------------------------|
| TOTAL CUT | -69513.170m ³ |
| TOTAL FILL | 282477.680m ³ |
| TOTAL BALANCE (ie excess of fill over cut) | 212964.510m ³ |

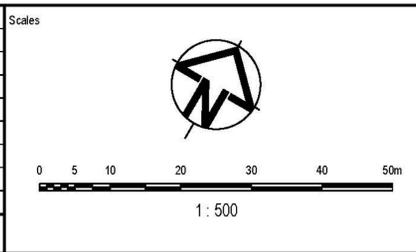
| LEGEND | |
|--------|--|
| | EXTENT OF WORKS BOUNDARY |
| | FUTURE STAGE BOUNDARY |
| | EXISTING STAGES EXTENT OF WORKS BOUNDARY |
| | PROPOSED SURFACE CONTOURS |
| | FUTURE STAGES SURFACE CONTOURS |
| | EXISTING SURFACE CONTOURS |
| | EARTHWORKS BATTER |
| | CATCH DRAIN |
| | BUILDING PAD AND LEVEL |
| | BUILDING PAD LEVELS IN FUTURE STAGE |
| | EXISTING STORMWATER DRAINAGE |
| | EXISTING SEWERAGE RETICULATION |
| | EXISTING WATER RETICULATION |
| | EXISTING UNDERGROUND ELECTRICAL RETICULATION |
| | EXISTING OVERHEAD ELECTRICAL RETICULATION |
| | CONCRETE SLEEPER RETAINING WALL. REFER DRG-CV-0161 FOR DETAILS. |
| | TIERED CONCRETE SLEEPER RETAINING WALL - RENDERED BLOCKWORK |
| | 0.2m - 1.5m SINGLE TIER FRONTAGE RETAINING WALL - RENDERED BLOCKWORK |
| | GRouted ROCK RETAINING WALL REFER DRG-CV-0162 FOR DETAILS. |
| | BLOCKWORK RETAINING WALL TO ENERGEX DETAILS. |
| | BOULDER RETAINING WALL. REFER TO DRG-CV-0162 FOR DETAILS. |
| | TOP OF WALL LEVEL |
| | BOTTOM OF WALL LEVEL |
| | SPOT LEVEL |
| | INDICATIVE 1%AEP FLOOD LINE BASED ON MASTERPLAN MODELLING BY DESIGNFLOW |
| | INDICATIVE 2%AEP FLOOD LINE BASED ON MASTERPLAN MODELLING BY DESIGNFLOW |
| | INDICATIVE 20%AEP FLOOD LINE BASED ON MASTERPLAN MODELLING BY DESIGNFLOW |
| | EXISTING TREES |

EARTHWORKS SHOWN IN LOT 8015 ARE INTERIM WORKS SUBJECT TO COMPLETION WITH STAGE 13

REFER TO DRG-CV-0101 FOR NOTES.



| Issue | Description | DR | CH | VE | Date |
|-------|---------------------------------------|------|------|------|----------|
| 05 | EARTHWORKS VOLUME AMENDMENT | B.M. | E.A. | M.W. | 17.07.24 |
| 04 | GRADING AND RETAINING WALL AMENDMENTS | B.M. | E.A. | M.W. | 18.03.24 |
| 03 | GRADING AND RETAINING WALL AMENDMENT | B.M. | E.A. | M.W. | 18.03.24 |
| 02 | COUNCIL RFI AMENDMENTS | E.P. | E.A. | M.W. | 27.07.23 |
| 01 | ORIGINAL ISSUE | E.P. | E.A. | M.W. | 12.05.23 |



Surveyor

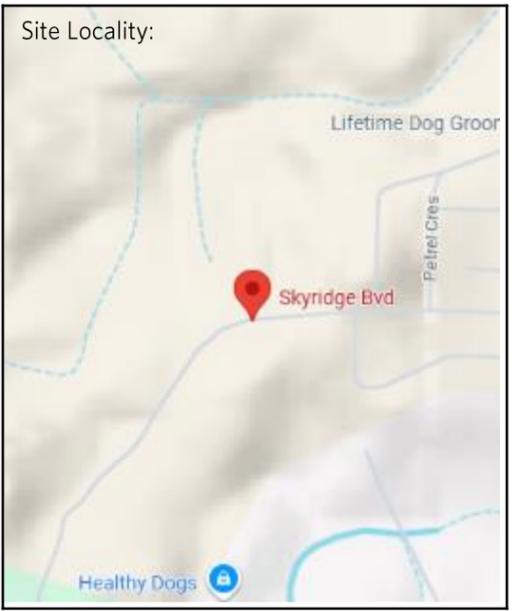
Client

| | | | |
|--|------------|---------------|-------|
| FOR APPROVAL CONSTRUCTION SUBJECT TO APPROVAL | | | |
| © Copyright reserved | | | |
| Original Issue Signatures | | | |
| Drawn | E. PON | Original Size | A1 |
| Designed | E. ANLACAN | Height Datum | AHD |
| Project Manager | M. WENZEL | Grid | LOCAL |
| Verified | M. WENZEL | | |

| | | | |
|---------|--|--|--|
| Project | | SKYRIDGE STAGE 10 INTERNAL WORKS | |
| Title | | BULK EARTHWORKS LAYOUT PLAN SHEET 5 | |

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SOUTHPORT QLD 4215
ABN 78 104 485 289
Tel No: +61 7 5503 4800
www.arcadis.com/au

| | |
|----------------|------------------------------|
| Project Number | 30062655 |
| Drawing No | SRE-AAP-DD-P0310-DRG-CV-0105 |
| Sheet | 05 |



Legend:

- Approximate test location



Client: Shadforths

Site: Skyridge Estate - Stage 10

Title: Test Location Plan

| | | |
|-----------------------|------------------|----------------|
| Date: 21/08/25 | Drawn: ND | Checked: JN |
| Project: PTP/12381 | Drawing No: 1 | Revision: 0 |

02



Appendix B Laboratory Test Reports



Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|--|---|---------------------------|---------------------------|---|--------------------|--|
| Client : | Shadforth | | | Report Number : | SR/PTP/12381 - 1/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 9/08/2023 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/207319 | S/207320 | S/207321 | | | |
| Date Tested : | 18/07/2023 | 18/07/2023 | 18/07/2023 | | | |
| Material Source : | Onsite | Onsite | Onsite | | | |
| For use as : | General Fill | General Fill | General Fill | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | |
| Time : | 12:45 | 13:00 | 13:50 | | | |
| Lot Number : | - | - | - | | | |
| Location 1 : | E 532828 | E 532850 | E 532863 | | | |
| Location 2 : | N 6899176 | N 6899191 | N 6899206 | | | |
| Location 3 : | RL 46.93 | RL 46.9 | RL 47.5 | | | |
| Location 4 : | - | - | - | | | |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | | | |
| Oversize Wet : | 16% | 2% | 17% | | | |
| Oversize Density - Dry (t/m ³) : | 2.39 | 2.28 | 2.25 | | | |
| Assigned MDR (Yes/No) : | No | No | No | | | |
| MDR Sample Number : | S/207319 | S/207320 | S/207321 | | | |
| MDR Test Date : | 26/07/2023 | 26/07/2023 | 26/07/2023 | | | |
| Compaction Type : | Standard | Standard | Standard | | | |
| Soil Description : | Clayey SAND - Light Brown | Clayey SAND - Light Brown | Clayey SAND - Light Brown | | | |
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.16 | 2.17 | 2.12 | | | |
| Moisture Variation : | 0.5% | 1.5% | 2.5% | | | |
| ADJ PCWD (t/m ³) : | 2.19 | 2.17 | 2.14 | | | |
| ADJ Moisture Variation : | 0.5% | 1.5% | 2.0% | | | |
| <i>Moisture Test Results :</i> | | | | | | |
| Field Moisture Content : | 7.0% | 7.5% | 7.0% | | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | | | |
| Variation from OMC : | 0.5% Dry of OMC | 1.5% Dry of OMC | 2.0% Dry of OMC | | | |
| Relative Moisture Ratio (Q250) : | - | - | - | | | |
| Moisture Ratio : | N/A | N/A | N/A | | | |
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.17 | 2.17 | 2.18 | | | |
| Density Specification : | 98% | 98% | 98% | | | |
| Wet Density Ratio : | 99.0% | 100.0% | 101.5% | | | |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | | | | <p>APPROVED SIGNATORY</p>  Nick Dobson - Signatory | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|---|---|------------------------|------------------------|--|--------------------|--|
| Client : | Shadforth | | | Report Number : | SR/PTP/12381 - 2/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 15/08/2023 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/207908 | S/207909 | S/207910 | | | |
| Date Tested : | 20/07/2023 | 20/07/2023 | 20/07/2023 | | | |
| Material Source : | Onsite | Onsite | Onsite | | | |
| For use as : | General Fill | General Fill | General Fill | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | |
| Time : | 10:45 | 11:00 | 11:15 | | | |
| Lot Number : | - | - | - | | | |
| Location 1 : | E 532877 | E 532865 | E 532838 | | | |
| Location 2 : | N 6899210 | N 6899195 | N 6890184 | | | |
| Location 3 : | RL 48 | RL 48.6 | RL 48.6 | | | |
| Location 4 : | - | - | - | | | |
| Test Fraction (mm) : | < 37.5mm | < 37.5mm | < 37.5mm | | | |
| Oversize Wet : | 18% | 19% | 15% | | | |
| Oversize Density - Dry (t/m ³) : | 2.50 | 2.51 | 2.56 | | | |
| Assigned MDR (Yes/No) : | No | No | No | | | |
| MDR Sample Number : | S/207908 | S/207909 | S/207910 | | | |
| MDR Test Date : | 14/08/2023 | 14/08/2023 | 14/08/2023 | | | |
| Compaction Type : | Standard | Standard | Standard | | | |
| Soil Description : | Clayey GRAVEL - Brown | Clayey GRAVEL - Brown | Clayey GRAVEL - Brown | | | |
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.21 | 2.22 | 2.21 | | | |
| Moisture Variation : | 2.5% | 2.5% | 2.5% | | | |
| ADJ PCWD (t/m ³) : | 2.26 | 2.27 | 2.25 | | | |
| ADJ Moisture Variation : | 2.0% | 2.0% | 2.0% | | | |
| <i>Moisture Test Results :</i> | | | | | | |
| Field Moisture Content : | 7.0% | 6.5% | 7.0% | | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | | | |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | | | |
| Relative Moisture Ratio (Q250) : | - | - | - | | | |
| Moisture Ratio : | N/A | N/A | N/A | | | |
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.27 | 2.26 | 2.24 | | | |
| Density Specification : | 98% | 98% | 98% | | | |
| Wet Density Ratio : | 100.5% | 100.0% | 99.5% | | | |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | | | | <p>APPROVED SIGNATORY</p>  <p>Nick Dobson - Signatory</p> | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|--|---|----------------------------|----------------------------|-----------------|--------------------|--|
| Client : | Shadforth | | | Report Number : | SR/PTP/12381 - 3/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 15/08/2023 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/208975 | S/208976 | S/208977 | | | |
| Date Tested : | 26/07/2023 | 26/07/2023 | 26/07/2023 | | | |
| Material Source : | Onsite | Onsite | Onsite | | | |
| For use as : | General Fill | General Fill | General Fill | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | |
| Time : | 11:00 | 11:15 | 11:30 | | | |
| Lot Number : | - | - | - | | | |
| Location 1 : | Basin Wall | Basin Wall | Basin Wall | | | |
| Location 2 : | E 532842 | E 532860 | E 532858 | | | |
| Location 3 : | N 6899194 | N 6899176 | N 6899143 | | | |
| Location 4 : | 4m Below Finish Level | 3m Below Finish Level | 2.5m Below Finish Level | | | |
| Test Fraction (mm) : | < 37.5mm | < 19mm | < 19mm | | | |
| Oversize Wet : | 8% | 13% | 16% | | | |
| Oversize Density - Dry (t/m ³) : | 2.43 | 2.48 | 2.28 | | | |
| Assigned MDR (Yes/No) : | No | No | No | | | |
| MDR Sample Number : | S/208975 | S/208976 | S/208977 | | | |
| MDR Test Date : | 14/08/2023 | 7/08/2023 | 7/08/2023 | | | |
| Compaction Type : | Standard | Standard | Standard | | | |
| Soil Description : | Gravelly Clayey SAND - Brown | Gravelly Clay SAND - Brown | Gravelly Clay SAND - Brown | | | |
| MDR Test Results | | | | | | |
| PCWD (t/m ³) : | 2.09 | 2.03 | 2.05 | | | |
| Moisture Variation : | 2.0% | 2.5% | 2.5% | | | |
| ADJ PCWD (t/m ³) : | 2.12 | 2.08 | 2.08 | | | |
| ADJ Moisture Variation : | 2.0% | 2.0% | 2.0% | | | |
| Moisture Test Results : | | | | | | |
| Field Moisture Content : | 7.0% | 8.5% | 7.5% | | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | | | |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | | | |
| Relative Moisture Ratio (Q250) : | - | - | - | | | |
| Moisture Ratio : | N/A | N/A | N/A | | | |
| Density Test Results | | | | | | |
| Field Wet Density (t/m ³) : | 2.08 | 2.06 | 2.05 | | | |
| Density Specification : | 98% | 98% | 98% | | | |
| Wet Density Ratio : | 98.5% | 99.0% | 98.5% | | | |
| Remarks : | | | | | | |
|  Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208 | APPROVED SIGNATORY  Nick Dobson - Signatory | | | | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|---|---|-----------------------------|--|--------------------|--|--|
| Client : | Shadforth | | Report Number : | SR/PTP/12381 - 4/1 | | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | Report Date : | 15/08/2023 | | |
| Project Name : | SkyRidge Development | | Test Request : | - | | |
| Project Number : | PTP/12381 | | Page 1 of 1 | | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/209257 | S/209258 | | | | |
| Date Tested : | 27/07/2023 | 27/07/2023 | | | | |
| Material Source : | Onsite | Onsite | | | | |
| For use as : | General Fill | General Fill | | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | | | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | | |
| Time : | 11:00 | 11:15 | | | | |
| Lot Number : | - | - | | | | |
| Location 1 : | Basin Wall | Basin Wall | | | | |
| Location 2 : | E 532855 | E 532863 | | | | |
| Location 3 : | N 6899167 | N 6899206 | | | | |
| Location 4 : | RL 55.8 | RL 49.12 | | | | |
| Test Fraction (mm) : | < 19mm | < 19mm | | | | |
| Oversize Wet : | 12% | 0% | | | | |
| Oversize Density - Dry (t/m ³) : | 2.18 | - | | | | |
| Assigned MDR (Yes/No) : | No | No | | | | |
| MDR Sample Number : | S/209257 | S/209258 | | | | |
| MDR Test Date : | 3/08/2023 | 3/08/2023 | | | | |
| Compaction Type : | Standard | Standard | | | | |
| Soil Description : | Sandy Gravelly CLAY - Brown | Sandy Gravelly CLAY - Brown | | | | |
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 1.99 | 2.00 | | | | |
| Moisture Variation : | 2.0% | 2.0% | | | | |
| ADJ PCWD (t/m ³) : | 2.01 | - | | | | |
| ADJ Moisture Variation : | 2.0% | - | | | | |
| <i>Moisture Test Results :</i> | | | | | | |
| Field Moisture Content : | 9.5% | 11.0% | | | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | | | | |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | | | | |
| Relative Moisture Ratio (Q250) : | - | - | | | | |
| Moisture Ratio : | N/A | N/A | | | | |
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 1.97 | 1.99 | | | | |
| Density Specification : | 98% | 98% | | | | |
| Wet Density Ratio : | 98.0% | 99.5% | | | | |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | | | <p>APPROVED SIGNATORY</p>  <p>Nick Dobson - Signatory</p> | | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|--|---|------------------------------------|------------------------------------|---|--------------------|--|
| Client : | Shadforth | | | Report Number : | SR/PTP/12381 - 5/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 15/08/2023 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/209565 | S/209566 | S/209567 | | | |
| Date Tested : | 28/07/2023 | 28/07/2023 | 28/07/2023 | | | |
| Material Source : | Onsite | Onsite | Onsite | | | |
| For use as : | General Fill | General Fill | General Fill | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | |
| Time : | 11:00 | 11:15 | 11:30 | | | |
| Lot Number : | - | - | - | | | |
| Location 1 : | Basin Wall | Basin Wall | Basin Wall | | | |
| Location 2 : | E 532850 | E 532852 | E 532855 | | | |
| Location 3 : | N 6899135 | N 6899155 | N 6899176 | | | |
| Location 4 : | RL 53.1 | RL 52.1 | RL 51.3 | | | |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | | | |
| Oversize Wet : | 10% | 18% | 15% | | | |
| Oversize Density - Dry (t/m ³) : | 2.25 | 2.23 | 2.27 | | | |
| Assigned MDR (Yes/No) : | No | No | No | | | |
| MDR Sample Number : | S/209565 | S/209566 | S/209567 | | | |
| MDR Test Date : | 8/08/2023 | 8/08/2023 | 8/08/2023 | | | |
| Compaction Type : | Standard | Standard | Standard | | | |
| Soil Description : | Sandy CLAY trace Gravel - Brown | Sandy CLAY trace Gravel - Brown | Sandy CLAY trace Gravel - Brown | | | |
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.22 | 2.22 | 2.21 | | | |
| Moisture Variation : | 1.5% | 1.5% | 1.0% | | | |
| ADJ PCWD (t/m ³) : | 2.23 | 2.22 | 2.22 | | | |
| ADJ Moisture Variation : | 1.0% | 1.0% | 1.0% | | | |
| <i>Moisture Test Results :</i> | | | | | | |
| Field Moisture Content : | 6.5% | 9.0% | 9.0% | | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | | | |
| Variation from OMC : | 1.0% Dry of OMC | 1.0% Dry of OMC | 1.0% Dry of OMC | | | |
| Relative Moisture Ratio (Q250) : | - | - | - | | | |
| Moisture Ratio : | N/A | N/A | N/A | | | |
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.23 | 2.23 | 2.19 | | | |
| Density Specification : | 98% | 98% | 98% | | | |
| Wet Density Ratio : | 100.0% | 100.0% | 98.5% | | | |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | | | | <p>APPROVED SIGNATORY</p>  Nick Dobson - Signatory | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|---|---|----------------------------|----------------------------|--|------------------------------|--------------------|
| Client : | Shadforth | | | | Report Number : | SR/PTP/12381 - 6/1 |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | | Report Date : | 15/08/2023 |
| Project Name : | SkyRidge Development | | | | Test Request : | - |
| Project Number : | PTP/12381 | | | | Page 1 of 1 | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/210071 | S/210075 | S/210076 | S/210077 | S/210078 | |
| Date Tested : | 1/08/2023 | 1/08/2023 | 1/08/2023 | 1/08/2023 | 1/08/2023 | |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | |
| For use as : | General Fill | General Fill | General Fill | General Fill | General Fill | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | |
| Time : | 10:30 | 10:45 | 11:00 | 11:15 | 11:30 | |
| Lot Number : | - | - | - | - | - | |
| Location 1 : | E 532820 | E 532839 | E 532828 | E 532830 | E 532823 | |
| Location 2 : | N 6899237 | N 6899217 | N 6899218 | N 6899206 | N 6899187 | |
| Location 3 : | RL 56.5 | RL 55.53 | RL 55.8 | RL 50.1 | RL 48.5 | |
| Location 4 : | - | - | - | - | - | |
| Test Fraction (mm) : | < 37.5mm | < 19mm | < 37.5mm | < 19mm | < 19mm | |
| Oversize Wet : | 8% | 19% | 13% | 20% | 15% | |
| Oversize Density - Dry (t/m ³) : | 2.51 | 2.33 | 2.42 | 2.41 | 2.65 | |
| Assigned MDR (Yes/No) : | No | No | No | No | No | |
| MDR Sample Number : | S/210071 | S/210075 | S/210076 | S/210077 | S/210078 | |
| MDR Test Date : | 9/08/2023 | 9/08/2023 | 9/08/2023 | 10/08/2023 | 10/08/2023 | |
| Compaction Type : | Standard | Standard | Standard | Standard | Standard | |
| Soil Description : | Gravelly SAND Clay - Brown | Gravelly SAND Clay - Brown | Gravelly SAND Clay - Brown | Gravelly Clayey SAND - Brown | Gravelly Clayey SAND - Brown | |
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.18 | 2.17 | 2.12 | 2.15 | 2.12 | |
| Moisture Variation : | 2.0% | 2.5% | 2.0% | 2.0% | 1.5% | |
| ADJ PCWD (t/m ³) : | 2.20 | 2.19 | 2.16 | 2.19 | 2.19 | |
| ADJ Moisture Variation : | 1.5% | 2.0% | 2.0% | 1.5% | 1.5% | |
| <i>Moisture Test Results :</i> | | | | | | |
| Field Moisture Content : | 10.0% | 8.0% | 6.5% | 7.5% | 8.0% | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | |
| Variation from OMC : | 1.5% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 1.5% Dry of OMC | 1.5% Dry of OMC | |
| Relative Moisture Ratio (Q250) : | - | - | - | - | - | |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | |
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.22 | 2.25 | 2.18 | 2.16 | 2.16 | |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | |
| Wet Density Ratio : | 100.5% | 102.5% | 101.0% | 98.5% | 98.5% | |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | | | | <p>APPROVED SIGNATORY</p>  <p>Nick Dobson - Signatory</p> | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|---|---|-----------------------------|-----------------------------|--|--------------------|--|
| Client : | Shadforth | | | Report Number : | SR/PTP/12381 - 7/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 15/08/2023 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/210563 | S/210575 | S/210576 | S/210577 | | |
| Date Tested : | 3/08/2023 | 3/08/2023 | 3/08/2023 | 3/08/2023 | | |
| Material Source : | Onsite | Onsite | Onsite | Onsite | | |
| For use as : | General Fill | General Fill | General Fill | General Fill | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | |
| Time : | 11:00 | 11:15 | 11:30 | 11:45 | | |
| Lot Number : | - | - | - | - | | |
| Location 1 : | E 532801 | E 532802 | E 532802 | E 532813 | | |
| Location 2 : | N 6899220 | N 6899206 | N 6899179 | N 6899169 | | |
| Location 3 : | RL 59.7 | RL 58.5 | RL 56.1 | RL 53.2 | | |
| Location 4 : | - | - | - | - | | |
| Test Fraction (mm) : | < 37.5mm | < 37.5mm | < 37.5mm | < 37.5mm | | |
| Oversize Wet : | 19% | 13% | 12% | 16% | | |
| Oversize Density - Dry (t/m ³) : | 2.41 | 2.45 | 2.43 | 2.43 | | |
| Assigned MDR (Yes/No) : | No | No | No | No | | |
| MDR Sample Number : | S/210563 | S/210575 | S/210576 | S/210577 | | |
| MDR Test Date : | 15/08/2023 | 15/08/2023 | 15/08/2023 | 15/08/2023 | | |
| Compaction Type : | Standard | Standard | Standard | Standard | | |
| Soil Description : | Sandy Gravelly CLAY - Brown | Sandy Gravelly CLAY - Brown | Sandy Gravelly CLAY - Brown | Sandy Gravelly CLAY - Brown | | |
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.11 | 2.11 | 2.10 | 2.08 | | |
| Moisture Variation : | 2.5% | 2.5% | 2.5% | 2.0% | | |
| ADJ PCWD (t/m ³) : | 2.16 | 2.15 | 2.14 | 2.13 | | |
| ADJ Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | | |
| <i>Moisture Test Results :</i> | | | | | | |
| Field Moisture Content : | 7.5% | 9.0% | 43.5% | 7.5% | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | | |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | | |
| Relative Moisture Ratio (Q250) : | - | - | - | - | | |
| Moisture Ratio : | N/A | N/A | N/A | N/A | | |
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.12 | 2.11 | 2.09 | 2.10 | | |
| Density Specification : | 98% | 98% | 98% | 98% | | |
| Wet Density Ratio : | 98.0% | 98.0% | 98.0% | 98.5% | | |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | | | | <p>APPROVED SIGNATORY</p>  <p>Nick Dobson - Signatory</p> | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|--|---|-----------------------------|---|---------------------|--|--|
| Client : | Shadforth | | Report Number : | SR/PTP/12381 - 10/1 | | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | Report Date : | 23/08/2023 | | |
| Project Name : | SkyRidge Development | | Test Request : | - | | |
| Project Number : | PTP/12381 | | Page 1 of 1 | | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/210325 | S/210326 | | | | |
| Date Tested : | 2/08/2023 | 2/08/2023 | | | | |
| Material Source : | Onsite | Onsite | | | | |
| For use as : | General Fill | General Fill | | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | | | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | | |
| Time : | 10:00 | 10:50 | | | | |
| Lot Number : | - | - | | | | |
| Location 1 : | E 537824 | E 537819 | | | | |
| Location 2 : | N 6899213 | N 6899176 | | | | |
| Location 3 : | RL 65.8 | RL 50.9 | | | | |
| Location 4 : | - | - | | | | |
| Test Fraction (mm) : | < 37.5mm | < 37.5mm | | | | |
| Oversize Wet : | 16% | 12% | | | | |
| Oversize Density - Dry (t/m ³) : | 2.54 | 2.45 | | | | |
| Assigned MDR (Yes/No) : | No | No | | | | |
| MDR Sample Number : | S/210325 | S/210326 | | | | |
| MDR Test Date : | 16/08/2023 | 16/08/2023 | | | | |
| Compaction Type : | Standard | Standard | | | | |
| Soil Description : | Gravelly Clayey SAND Yellow | Gravelly Clayey SAND Yellow | | | | |
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.08 | 2.15 | | | | |
| Moisture Variation : | 3.0% | 2.0% | | | | |
| ADJ PCWD (t/m ³) : | 2.14 | 2.19 | | | | |
| ADJ Moisture Variation : | 2.5% | 1.5% | | | | |
| <i>Moisture Test Results :</i> | | | | | | |
| Field Moisture Content : | 7.0% | 7.5% | | | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | | | | |
| Variation from OMC : | 2.5% Dry of OMC | 1.5% Dry of OMC | | | | |
| Relative Moisture Ratio (Q250) : | - | - | | | | |
| Moisture Ratio : | N/A | N/A | | | | |
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.02 | 2.04 | | | | |
| Density Specification : | 98% | 98% | | | | |
| Wet Density Ratio : | 94.5% | 93.0% | | | | |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | | | <p>APPROVED SIGNATORY</p>  Nick Dobson - Signatory | | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|--|---|------------------------|---|---------------------|--|--|
| Client : | Shadforth | | Report Number : | SR/PTP/12381 - 15/1 | | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | Report Date : | 23/08/2023 | | |
| Project Name : | SkyRidge Development | | Test Request : | - | | |
| Project Number : | PTP/12381 | | Page 1 of 1 | | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/212560 | S/212561 | | | | |
| Date Tested : | 15/08/2023 | 15/08/2023 | | | | |
| Material Source : | Onsite | Onsite | | | | |
| For use as : | General Fill | General Fill | | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | | | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | | |
| Time : | 08:30 | 08:45 | | | | |
| Lot Number : | - | - | | | | |
| Location 1 : | E 532710 | E 532731 | | | | |
| Location 2 : | N 6899123 | N 6899119 | | | | |
| Location 3 : | RL 61.54 | RL 60.1 | | | | |
| Location 4 : | - | - | | | | |
| Test Fraction (mm) : | < 37.5mm | < 37.5mm | | | | |
| Oversize Wet : | 18% | 9% | | | | |
| Oversize Density - Dry (t/m ³) : | 2.49 | 2.37 | | | | |
| Assigned MDR (Yes/No) : | No | No | | | | |
| MDR Sample Number : | S/212560 | S/212561 | | | | |
| MDR Test Date : | 22/08/2023 | 22/08/2023 | | | | |
| Compaction Type : | Standard | Standard | | | | |
| Soil Description : | Gravelly Clayey SAND - Brown | Clayey SAND - Brown | | | | |
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.20 | 2.19 | | | | |
| Moisture Variation : | 2.0% | 2.0% | | | | |
| ADJ PCWD (t/m ³) : | 2.25 | 2.20 | | | | |
| ADJ Moisture Variation : | 2.0% | 2.0% | | | | |
| <i>Moisture Test Results :</i> | | | | | | |
| Field Moisture Content : | 5.5% | 9.5% | | | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | | | | |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | | | | |
| Relative Moisture Ratio (Q250) : | - | - | | | | |
| Moisture Ratio : | N/A | N/A | | | | |
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.21 | 2.19 | | | | |
| Density Specification : | 98% | 98% | | | | |
| Wet Density Ratio : | 98.5% | 99.5% | | | | |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | | | <p>APPROVED SIGNATORY</p>  Nick Dobson - Signatory | | | |

Soil Compaction and Density Tests Report - Compaction Control

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|--|---|------------------------|------------------------|------------------------|------------------------|--|
| Client : | Shadforth | | | Report Number : | SR/PTP/12381 - 16/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 25/08/2023 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/212853 | S/212854 | S/212855 | S/212856 | S/212857 | |
| Date Tested : | 16/08/2023 | 16/08/2023 | 16/08/2023 | 16/08/2023 | 16/08/2023 | |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | |
| For use as : | General Fill | General Fill | General Fill | General Fill | General Fill | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | |
| Time : | 10:30 | 10:45 | 11:00 | 11:15 | 11:30 | |
| Lot Number : | - | - | - | - | - | |
| Location 1 : | E 532678 | E 532688 | E 532700 | E 532711 | E 532720 | |
| Location 2 : | N 6899134 | N 6899127 | N 6899131 | N 6899145 | N 6899148 | |
| Location 3 : | RL 69.9 | RL 67.8 | RL 68.7 | RL 68.7 | RL 67.5 | |
| Location 4 : | - | - | - | - | - | |
| Test Fraction (mm) : | < 19mm | < 19mm | < 37.5mm | < 19mm | < 19mm | |
| Oversize Wet : | 13% | 0% | 20% | 20% | 19% | |
| Oversize Density - Dry (t/m ³) : | 2.38 | - | 2.41 | 2.32 | 2.40 | |
| Assigned MDR (Yes/No) : | No | No | No | No | No | |
| MDR Sample Number : | S/212853 | S/212854 | S/212855 | S/212856 | S/212857 | |
| MDR Test Date : | 23/08/2023 | 23/08/2023 | 23/08/2023 | 23/08/2023 | 23/08/2023 | |
| Compaction Type : | Standard | Standard | Standard | Standard | Standard | |
| Soil Description : | Gravelly SAND - Yellow | Gravelly SAND - Yellow | Gravelly SAND - Yellow | Gravelly SAND - Yellow | Gravelly SAND - Yellow | |
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.12 | 2.13 | 2.10 | 2.14 | 2.12 | |
| Moisture Variation : | 2.0% | 2.0% | 1.5% | 1.5% | 2.0% | |
| ADJ PCWD (t/m ³) : | 2.15 | - | 2.16 | 2.18 | 2.17 | |
| ADJ Moisture Variation : | 2.0% | - | 1.5% | 1.0% | 2.0% | |
| <i>Moisture Test Results</i> | | | | | | |
| Field Moisture Content : | 9.0% | 11.0% | 7.0% | 8.5% | 8.0% | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | 1.5% Dry of OMC | 1.0% Dry of OMC | 2.0% Dry of OMC | |
| Relative Moisture Ratio (Q250) : | - | - | - | - | - | |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | |
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.15 | 2.14 | 2.14 | 2.14 | 2.14 | |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | |
| Wet Density Ratio : | 100.0% | 100.5% | 99.0% | 98.5% | 98.5% | |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | APPROVED SIGNATORY  Nick Dobson - Signatory | | | | | |
| | Document Number : RF1 Date : 27/08/2023 | | | | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|---|---|-----------------------------|-----------------------------|--|---------------------|--|
| Client : | Shadforth | | | Report Number : | SR/PTP/12381 - 18/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 7/09/2023 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/213869 | S/213878 | S/213879 | S/213880 | | |
| Date Tested : | 22/08/2023 | 22/08/2023 | 22/08/2023 | 22/08/2023 | | |
| Material Source : | Onsite | Onsite | Onsite | Onsite | | |
| For use as : | General Fill | General Fill | General Fill | General Fill | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | |
| Time : | 10:30 | 10:45 | 11:00 | 11:15 | | |
| Lot Number : | - | - | - | - | | |
| Location 1 : | E 532678 | E 532667 | E 532657 | E 532658 | | |
| Location 2 : | N 6899062 | N 6899100 | N 6899082 | N 6899077 | | |
| Location 3 : | RL 65.9 | RL 65.9 | RL 65.9 | RL 65.9 | | |
| Location 4 : | - | - | - | - | | |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | < 19mm | | |
| Oversize Wet : | 17% | 20% | 18% | 12% | | |
| Oversize Density - Dry (t/m ³) : | 2.40 | 2.53 | 2.44 | 2.36 | | |
| Assigned MDR (Yes/No) : | No | No | No | No | | |
| MDR Sample Number : | S/213869 | S/213878 | S/213879 | S/213880 | | |
| MDR Test Date : | 30/08/2023 | 30/08/2023 | 30/08/2023 | 30/08/2023 | | |
| Compaction Type : | Standard | Standard | Standard | Standard | | |
| Soil Description : | Gravelly Sandy CLAY - Brown | Gravelly Sandy CLAY - Brown | Gravelly Sandy CLAY - Brown | Gravelly Sandy CLAY - Brown | | |
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.26 | 2.19 | 2.23 | 2.25 | | |
| Moisture Variation : | 0.0% | 0.0% | 0.0% | 0.0% | | |
| ADJ PCWD (t/m ³) : | 2.28 | 2.25 | 2.27 | 2.27 | | |
| ADJ Moisture Variation : | - | - | - | - | | |
| <i>Moisture Test Results :</i> | | | | | | |
| Field Moisture Content : | 9.5% | 8.5% | 9.0% | 10.0% | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | | |
| Variation from OMC : | At OMC | At OMC | At OMC | At OMC | | |
| Relative Moisture Ratio (Q250) : | - | - | - | - | | |
| Moisture Ratio : | N/A | N/A | N/A | N/A | | |
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.26 | 2.28 | 2.27 | 2.26 | | |
| Density Specification : | 98% | 98% | 98% | 98% | | |
| Wet Density Ratio : | 99.0% | 101.0% | 100.0% | 99.5% | | |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | | | | <p>APPROVED SIGNATORY</p>  <p>Nick Dobson - Signatory</p> | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|---|---|----------------------------|----------------------------|---|---------------------|--|
| Client : | Shadforth | | | Report Number : | SR/PTP/12381 - 19/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 7/09/2023 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/214095 | S/214096 | S/214097 | | | |
| Date Tested : | 23/08/2023 | 23/08/2023 | 23/08/2023 | | | |
| Material Source : | Onsite | Onsite | Onsite | | | |
| For use as : | General Fill | General Fill | General Fill | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | |
| Time : | 10:30 | 11:30 | 11:45 | | | |
| Lot Number : | - | - | - | | | |
| Location 1 : | E 532653 | E 532655 | E 532665 | | | |
| Location 2 : | N 6899087 | N 6899069 | N 6899111 | | | |
| Location 3 : | RL 71.57 | RL 72.17 | RL 72.17 | | | |
| Location 4 : | - | - | - | | | |
| Test Fraction (mm) : | < 37.5mm | < 37.5mm | < 37.5mm | | | |
| Oversize Wet : | 9% | 16% | 11% | | | |
| Oversize Density - Dry (t/m ³) : | 5.62 | 2.37 | 4.21 | | | |
| Assigned MDR (Yes/No) : | No | No | No | | | |
| MDR Sample Number : | S/214095 | S/214096 | S/214097 | | | |
| MDR Test Date : | 30/08/2023 | 30/08/2023 | 30/08/2023 | | | |
| Compaction Type : | Standard | Standard | Standard | | | |
| Soil Description : | Gravelly SAND Clay - Brown | Gravelly SAND Clay - Brown | Gravelly SAND Clay - Brown | | | |
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.02 | 2.13 | 2.01 | | | |
| Moisture Variation : | 0.0% | 0.0% | 0.0% | | | |
| ADJ PCWD (t/m ³) : | 2.14 | 2.16 | 2.14 | | | |
| ADJ Moisture Variation : | - | - | - | | | |
| <i>Moisture Test Results :</i> | | | | | | |
| Field Moisture Content : | 10.5% | 8.5% | 9.0% | | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | | | |
| Variation from OMC : | At OMC | At OMC | At OMC | | | |
| Relative Moisture Ratio (Q250) : | - | - | - | | | |
| Moisture Ratio : | N/A | N/A | N/A | | | |
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.13 | 2.12 | 2.13 | | | |
| Density Specification : | 98% | 98% | 98% | | | |
| Wet Density Ratio : | 99.5% | 98.0% | 99.5% | | | |
| Remarks : | | | | | | |
|  Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208 | | | | APPROVED SIGNATORY  Nick Dobson - Signatory | | |

Soil Compaction and Density Tests Report - Compaction Control

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|------------------|--|-----------------|---------------------|
| Client : | Shadforth | Report Number : | SR/PTP/12381 - 22/1 |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | Report Date : | 11/09/2023 |
| Project Name : | SkyRidge Development | Test Request : | - |
| Project Number : | PTP/12381 | Page 1 of 1 | |
| Location : | Worongary | | |

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| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, |
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|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Sample Number : | S/211533 | S/211534 | S/211535 | S/211536 | S/211537 | S/211538 |
| Date Tested : | 9/08/2023 | 9/08/2023 | 9/08/2023 | 9/08/2023 | 9/08/2023 | 9/08/2023 |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| For use as : | General Fill |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 |

| | | | | | | |
|-------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Sampling Method : | AS1289.1.2.1 - cl6.4b |
| Time : | 10:30 | 10:45 | 11:00 | 11:15 | 12:00 | 12:15 |
| Lot Number : | - | - | - | - | - | - |
| Location 1 : | E 532653 | E 532651 | E 532639 | E 532635 | E 532625 | E 532600 |
| Location 2 : | N 6899201 | N 6899201 | N 6899218 | N 6899195 | N 6899203 | N 6899208 |
| Location 3 : | RL 68.8 | RL 68.2 | RL 71.2 | RL 70.5 | RL 72.0 | RL 74.8 |
| Location 4 : | - | - | - | - | - | - |

| | | | | | | |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Test Fraction (mm) : | < 19mm |
| OverSize Wet : | 16% | 16% | 20% | 14% | 13% | 20% |
| OverSize Density - Dry (t/m ³) : | 2.40 | 2.40 | 2.36 | 2.36 | 2.28 | 1.61 |
| Assigned MDR (Yes/No) : | No | No | No | No | No | No |
| MDR Sample Number : | S/211533 | S/211534 | S/211535 | S/211536 | S/211537 | S/211538 |
| MDR Test Date : | 17/08/2023 | 17/08/2023 | 17/08/2023 | 17/08/2023 | 17/08/2023 | 17/08/2023 |
| Compaction Type : | Standard | Standard | Standard | Standard | Standard | Standard |
| Soil Description : | Sandy CLAY - Brown |

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|--------------------------------|------|------|------|------|------|------|
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.07 | 2.08 | 2.05 | 2.10 | 2.11 | 2.09 |
| Moisture Variation : | 0.5% | 0.5% | 0.5% | 1.5% | 0.0% | 0.5% |
| ADJ PCWD (t/m ³) : | 2.12 | 2.13 | 2.11 | 2.13 | 2.13 | 1.97 |
| ADJ Moisture Variation : | 0.5% | 0.5% | 0.5% | 1.5% | 0.0% | 0.5% |

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|----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| <i>Moisture Test Results :</i> | | | | | | |
| Field Moisture Content : | 9.0% | 9.0% | 8.5% | 8.5% | 9.0% | 6.0% |
| Moisture Specification : | +/-2.0% of OMC |
| Variation from OMC : | 0.5% Dry of OMC | 0.5% Dry of OMC | 0.5% Dry of OMC | 1.5% Dry of OMC | 0.0% Dry of OMC | 0.5% Dry of OMC |
| Relative Moisture Ratio (Q250) : | - | - | - | - | - | - |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | N/A |

| | | | | | | |
|---|--------------|--------------|--------------|--------------|--------------|---------------|
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.08 | 2.09 | 2.07 | 2.08 | 2.09 | 2.02 |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | 98% |
| Wet Density Ratio : | 98.0% | 98.0% | 98.0% | 98.0% | 98.0% | 102.0% |

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| Remarks : | |
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|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast</p> <p>Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | <p>APPROVED SIGNATORY</p>  <p>Nick Dobson - Signatory</p> |
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Soil Compaction and Density Tests Report - Compaction Control

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|---|---|--|--|--|--|--|
| Client : | Shadforth | | | Report Number : | SR/PTP/12381 - 23/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 11/09/2023 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/211778 | S/211781 | S/211782 | S/211783 | S/211784 | S/211785 |
| Date Tested : | 10/08/2023 | 10/08/2023 | 10/08/2023 | 10/08/2023 | 10/08/2023 | 10/08/2023 |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| For use as : | General Fill | General Fill | General Fill | General Fill | General Fill | General Fill |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b |
| Time : | 10:30 | 10:45 | 11:00 | 11:15 | 11:30 | 11:45 |
| Lot Number : | - | - | - | - | - | - |
| Location 1 : | E 532684 | E 532675 | E 532683 | E 532667 | E 532670 | E 532671 |
| Location 2 : | N 6899254 | N 6899254 | N 6899239 | N 6899245 | N 6899235 | N 6899227 |
| Location 3 : | RL 54.0 | RL 55.1 | RL 55.8 | RL 56.1 | RL 65.9 | RL 57.8 |
| Location 4 : | - | - | - | - | - | - |
| Test Fraction (mm) : | < 19mm | < 19mm | < 37.5mm | < 37.5mm | < 19mm | < 19mm |
| Override Wet : | 17% | 16% | 18% | 17% | 15% | 18% |
| Override Density - Dry (t/m ³) : | 2.40 | 2.37 | 2.51 | 2.32 | 2.25 | 2.35 |
| Assigned MDR (Yes/No) : | No | No | No | No | No | No |
| MDR Sample Number : | S/211778 | S/211781 | S/211782 | S/211783 | S/211784 | S/211785 |
| MDR Test Date : | 18/08/2023 | 18/08/2023 | 18/08/2023 | 18/08/2023 | 18/08/2023 | 18/08/2023 |
| Compaction Type : | Standard | Standard | Standard | Standard | Standard | Standard |
| Soil Description : | Gravelly SAND Trace Clay - Light Brown | Gravelly SAND Trace Clay - Light Brown | Gravelly SAND Trace Clay - Light Brown | Gravelly SAND Trace Clay - Light Brown | Gravelly SAND Trace Clay - Light Brown | Gravelly SAND Trace Clay - Light Brown |
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.13 | 2.15 | 2.15 | 2.18 | 2.15 | 2.14 |
| Moisture Variation : | 1.5% | 1.5% | 2.0% | 2.0% | 2.0% | 1.5% |
| ADJ PCWD (t/m ³) : | 2.17 | 2.18 | 2.21 | 2.20 | 2.16 | 2.17 |
| ADJ Moisture Variation : | 1.5% | 1.0% | 2.0% | 1.5% | 1.5% | 1.5% |
| <i>Moisture Test Results :</i> | | | | | | |
| Field Moisture Content : | 7.5% | 7.0% | 6.5% | 6.5% | 8.0% | 8.0% |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC |
| Variation from OMC : | 1.5% Dry of OMC | 1.0% Dry of OMC | 2.0% Dry of OMC | 1.5% Dry of OMC | 1.5% Dry of OMC | 1.5% Dry of OMC |
| Relative Moisture Ratio (Q250) : | - | - | - | - | - | - |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | N/A |
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.03 | 2.03 | 2.03 | 2.05 | 2.04 | 2.03 |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | 98% |
| Wet Density Ratio : | 93.0% | 93.0% | 92.0% | 93.5% | 94.0% | 93.5% |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | | | | <p>APPROVED SIGNATORY</p>  <p>Nick Dobson - Signatory</p> | | |
| Document Number : | RF1 | | | | Date : | 2/06/2023 |

Soil Compaction and Density Tests Report - Compaction Control

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|---|---|-----------------------|--|------------------------|---------------------|--|
| Client : | Shadforth | | | Report Number : | SR/PTP/12381 - 24/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 11/09/2023 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/213071 | S/213073 | S/213074 | S/213075 | | |
| Date Tested : | 17/08/2023 | 17/08/2023 | 17/08/2023 | 17/08/2023 | | |
| Material Source : | Onsite | Onsite | Onsite | Onsite | | |
| For use as : | General Fill | General Fill | General Fill | General Fill | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | |
| Time : | 10:30 | 10:45 | 11:00 | 11:15 | | |
| Lot Number : | - | - | - | - | | |
| Location 1 : | E 532680 | E 532705 | E 532739 | E 532732 | | |
| Location 2 : | N 6899077 | N 6899086 | N 6899099 | N 6899116 | | |
| Location 3 : | RL 63.2 | RL 62.85 | RL 58.98 | RL 65.0 | | |
| Location 4 : | - | - | - | - | | |
| Test Fraction (mm) : | < 19mm | < 19mm | < 37.5mm | < 37.5mm | | |
| Oversize Wet : | 13% | 13% | 18% | 19% | | |
| Oversize Density - Dry (t/m ³) : | 2.19 | 2.19 | 2.38 | 2.38 | | |
| Assigned MDR (Yes/No) : | No | No | No | No | | |
| MDR Sample Number : | S/213071 | S/213073 | S/213074 | S/213075 | | |
| MDR Test Date : | 29/08/2023 | 29/08/2023 | 29/08/2023 | 29/08/2023 | | |
| Compaction Type : | Standard | Standard | Standard | Standard | | |
| Soil Description : | Gravelly SAND Clay - Brown | Clayey SAND - Brown | Clayey SAND - Brown | Clayey SAND - Brown | | |
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.25 | 2.24 | 2.20 | 2.21 | | |
| Moisture Variation : | 0.5% | 0.0% | 0.0% | 1.5% | | |
| ADJ PCWD (t/m ³) : | 2.24 | 2.23 | 2.23 | 2.24 | | |
| ADJ Moisture Variation : | 0.5% | - | 0.0% | 1.5% | | |
| <i>Moisture Test Results :</i> | | | | | | |
| Field Moisture Content : | 10.0% | 10.0% | 7.5% | 6.5% | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | | |
| Variation from OMC : | 0.5% Dry of OMC | At OMC | 0.0% Wet of OMC | 1.5% Dry of OMC | | |
| Relative Moisture Ratio (Q250) : | - | - | - | - | | |
| Moisture Ratio : | N/A | N/A | N/A | N/A | | |
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.27 | 2.27 | 2.27 | 2.22 | | |
| Density Specification : | 98% | 98% | 98% | 98% | | |
| Wet Density Ratio : | 101.0% | 101.5% | 102.0% | 99.0% | | |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | | | <p>APPROVED SIGNATORY</p>  <p>Nick Dobson - Signatory</p> | | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | | |
|---|---|------------------------|------------------------|--|-----------------|---------------------|--|
| Client : | Shadforth | | | | Report Number : | SR/PTP/12381 - 26/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | | Report Date : | 11/09/2023 | |
| Project Name : | SkyRidge Development | | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | | |
| Sample Number : | S/214697 | S/214698 | S/214699 | S/214700 | | | |
| Date Tested : | 25/08/2023 | 25/08/2023 | 25/08/2023 | 25/08/2023 | | | |
| Material Source : | Onsite | Onsite | Onsite | Onsite | | | |
| For use as : | General Fill | General Fill | General Fill | General Fill | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | |
| Time : | 10:30 | 10:45 | 11:00 | 11:15 | | | |
| Lot Number : | - | - | - | - | | | |
| Location 1 : | E 532653 | E 532677 | E 532668 | E 532650 | | | |
| Location 2 : | N 6899115 | N 6899119 | N 6899095 | N 6899074 | | | |
| Location 3 : | RL 73.20 | RL 73.20 | RL 73.20 | RL 73.20 | | | |
| Location 4 : | - | - | - | - | | | |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | < 19mm | | | |
| Oversize Wet : | 17% | 19% | 20% | 20% | | | |
| Oversize Density - Dry (t/m ³) : | 2.22 | 2.68 | 2.33 | 2.36 | | | |
| Assigned MDR (Yes/No) : | No | No | No | No | | | |
| MDR Sample Number : | S/214697 | S/214698 | S/214699 | S/214700 | | | |
| MDR Test Date : | 8/09/2023 | 7/09/2023 | 7/09/2023 | 7/09/2023 | | | |
| Compaction Type : | Standard | Standard | Standard | Standard | | | |
| Soil Description : | Sandy CLAY - Brown | Sandy CLAY - Brown | Sandy CLAY - Brown | Sandy CLAY - Brown | | | |
| <i>MDR Test Results</i> | | | | | | | |
| PCWD (t/m ³) : | 2.15 | 2.09 | 2.16 | 2.17 | | | |
| Moisture Variation : | 0.5% | 2.0% | 1.0% | 2.0% | | | |
| ADJ PCWD (t/m ³) : | 2.16 | 2.18 | 2.19 | 2.21 | | | |
| ADJ Moisture Variation : | 0.5% | 1.5% | 1.0% | 1.5% | | | |
| <i>Moisture Test Results :</i> | | | | | | | |
| Field Moisture Content : | 7.0% | 6.5% | 7.5% | 7.0% | | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | | | |
| Variation from OMC : | 0.5% Dry of OMC | 1.5% Dry of OMC | 1.0% Dry of OMC | 1.5% Dry of OMC | | | |
| Relative Moisture Ratio (Q250) : | - | - | - | - | | | |
| Moisture Ratio : | N/A | N/A | N/A | N/A | | | |
| <i>Density Test Results</i> | | | | | | | |
| Field Wet Density (t/m ³) : | 2.14 | 2.13 | 2.11 | 2.20 | | | |
| Density Specification : | 98% | 98% | 98% | 98% | | | |
| Wet Density Ratio : | 98.5% | 98.0% | 96.5% | 99.5% | | | |
| Remarks : | | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | | | | <p>APPROVED SIGNATORY</p>  <p>Nick Dobson - Signatory</p> | | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | | |
|---|---|------------------------|------------------------|--|-----------------|---------------------|--|
| Client : | Shadforth | | | | Report Number : | SR/PTP/12381 - 29/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | | Report Date : | 15/09/2023 | |
| Project Name : | SkyRidge Development | | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | | |
| Sample Number : | S/215075 | S/215076 | S/215077 | S/215078 | | | |
| Date Tested : | 28/08/2023 | 28/08/2023 | 28/08/2023 | 28/08/2023 | | | |
| Material Source : | Onsite | Onsite | Onsite | Onsite | | | |
| For use as : | General Fill | General Fill | General Fill | General Fill | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | |
| Time : | 10:30 | 10:45 | 11:00 | 11:15 | | | |
| Lot Number : | - | - | - | - | | | |
| Location 1 : | E 532650 | E 532662 | E 532646 | E 532676 | | | |
| Location 2 : | N 6899105 | N 6899092 | N 6899083 | N 6899100 | | | |
| Location 3 : | RL 74.0 | RL 74.38 | RL 74.7 | RL 74.75 | | | |
| Location 4 : | - | - | - | - | | | |
| Test Fraction (mm) : | < 37.5mm | < 19mm | < 19mm | < 19mm | | | |
| Oversize Wet : | 10% | 20% | 20% | 17% | | | |
| Oversize Density - Dry (t/m ³) : | 2.28 | 2.40 | 2.36 | 2.26 | | | |
| Assigned MDR (Yes/No) : | No | No | No | No | | | |
| MDR Sample Number : | S/215075 | S/215076 | S/215077 | S/215078 | | | |
| MDR Test Date : | 13/09/2023 | 13/09/2023 | 13/09/2023 | 13/09/2023 | | | |
| Compaction Type : | Standard | Standard | Standard | Standard | | | |
| Soil Description : | Gravelly SAND - Brown | Gravelly SAND - Brown | Gravelly SAND - Brown | Gravelly SAND - Brown | | | |
| <i>MDR Test Results</i> | | | | | | | |
| PCWD (t/m ³) : | 2.10 | 2.06 | 2.09 | 2.09 | | | |
| Moisture Variation : | 2.0% | 2.0% | 2.5% | 2.0% | | | |
| ADJ PCWD (t/m ³) : | 2.12 | 2.12 | 2.14 | 2.12 | | | |
| ADJ Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | | | |
| <i>Moisture Test Results :</i> | | | | | | | |
| Field Moisture Content : | 9.0% | 8.5% | 8.0% | 8.5% | | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | | | |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | | | |
| Relative Moisture Ratio (Q250) : | - | - | - | - | | | |
| Moisture Ratio : | N/A | N/A | N/A | N/A | | | |
| <i>Density Test Results</i> | | | | | | | |
| Field Wet Density (t/m ³) : | 2.13 | 2.12 | 2.10 | 2.13 | | | |
| Density Specification : | 98% | 98% | 98% | 98% | | | |
| Wet Density Ratio : | 100.5% | 99.5% | 98.5% | 100.5% | | | |
| Remarks : | | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | | | | <p>APPROVED SIGNATORY</p>  <p>Nick Dobson - Signatory</p> | | | |
| Document Number : | RF1 | | | Date : | 2/06/2023 | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|---|---|------------------------|------------------------|--|------------------------|------------------------|
| Client : | Shadforth | | | Report Number : | SR/PTP/12381 - 34/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 25/09/2023 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 1 of 2 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/215329 | S/215330 | S/215331 | S/215332 | S/215333 | S/215334 |
| Date Tested : | 29/08/2023 | 29/08/2023 | 29/08/2023 | 29/08/2023 | 29/08/2023 | 29/08/2023 |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| For use as : | General Fill | General Fill | General Fill | General Fill | General Fill | General Fill |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b |
| Time : | 09:00 | 09:15 | 09:30 | 09:45 | 10:00 | 10:15 |
| Lot Number : | - | - | - | - | - | - |
| Location 1 : | E 532715 | E 532745 | E 532723 | E 532743 | E 532745 | E 532775 |
| Location 2 : | N 6899084 | N 6899044 | N 6899040 | N 6899037 | N 6899044 | N 6899031 |
| Location 3 : | RL 45.5 | RL 66.61 | RL 65.5 | RL 66.0 | RL 66.0 | RL 67.6 |
| Location 4 : | - | - | - | - | - | - |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm |
| Override Wet : | 17% | 0% | 0% | 0% | 0% | 20% |
| Override Density - Dry (t/m ³) : | 2.11 | - | - | - | - | 2.41 |
| Assigned MDR (Yes/No) : | No | No | No | No | No | No |
| MDR Sample Number : | S/215329 | S/215330 | S/215331 | S/215332 | S/215333 | S/215334 |
| MDR Test Date : | 18/09/2023 | 18/09/2023 | 18/09/2023 | 18/09/2023 | 18/09/2023 | 18/09/2023 |
| Compaction Type : | Standard | Standard | Standard | Standard | Standard | Standard |
| Soil Description : | Sandy CLAY - Black | Sandy CLAY - Black | Sandy CLAY - Black | Sandy CLAY - Black | Sandy CLAY - Black | Sandy CLAY - Black |
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.10 | 2.10 | 2.11 | 2.11 | 2.12 | 2.12 |
| Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 1.5% |
| ADJ PCWD (t/m ³) : | 2.10 | - | - | - | - | 2.17 |
| ADJ Moisture Variation : | 1.5% | - | - | - | - | 1.5% |
| <i>Moisture Test Results :</i> | | | | | | |
| Field Moisture Content : | 11.5% | 14.0% | 13.5% | 14.0% | 11.5% | 6.5% |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC |
| Variation from OMC : | 1.5% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 1.5% Dry of OMC |
| Relative Moisture Ratio (Q250) : | - | - | - | - | - | - |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | N/A |
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 1.95 | 1.94 | 1.96 | 1.95 | 2.12 | 2.09 |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | 98% |
| Wet Density Ratio : | 92.5% | 92.5% | 92.5% | 92.5% | 100.0% | 96.5% |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | | | | <p>APPROVED SIGNATORY</p>  <p>Nick Dobson - Signatory</p> | | |
| Document Number : | RF1 | | | Date : | 27/06/2023 | |

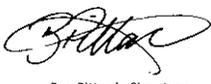
Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|---|---|----------------------------------|----------------------------------|--|---------------------|--|
| Client : | Shadforth | | | Report Number : | SR/PTP/12381 - 34/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 25/09/2023 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 2 of 2 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/215335 | S/215336 | S/215337 | | | |
| Date Tested : | 29/08/2023 | 29/08/2023 | 29/08/2023 | | | |
| Material Source : | Onsite | Onsite | Onsite | | | |
| For use as : | General Fill | General Fill | General Fill | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | |
| Time : | 10:30 | 10:45 | 11:00 | | | |
| Lot Number : | - | - | - | | | |
| Location 1 : | E 532806 | E 532811 | E 532797 | | | |
| Location 2 : | N 6899047 | N 6899025 | N 6899022 | | | |
| Location 3 : | RL 65.0 | RL 65.2 | RL 65.4 | | | |
| Location 4 : | - | - | - | | | |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | | | |
| Oversize Wet : | 13% | 19% | 20% | | | |
| Oversize Density - Dry (t/m ³) : | 2.00 | 2.04 | 2.05 | | | |
| Assigned MDR (Yes/No) : | No | No | No | | | |
| MDR Sample Number : | S/215335 | S/215336 | S/215337 | | | |
| MDR Test Date : | 15/09/2023 | 15/09/2023 | 15/09/2023 | | | |
| Compaction Type : | Standard | Standard | Standard | | | |
| Soil Description : | Sandy Gravelly CLAY - Dark Brown | Sandy Gravelly CLAY - Dark Brown | Sandy Gravelly CLAY - Dark Brown | | | |
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.15 | 2.15 | 2.16 | | | |
| Moisture Variation : | 2.0% | 2.0% | 2.0% | | | |
| ADJ PCWD (t/m ³) : | 2.13 | 2.13 | 2.14 | | | |
| ADJ Moisture Variation : | 1.5% | 1.5% | 1.5% | | | |
| <i>Moisture Test Results :</i> | | | | | | |
| Field Moisture Content : | 7.5% | 7.0% | 7.5% | | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | | | |
| Variation from OMC : | 1.5% Dry of OMC | 1.5% Dry of OMC | 1.5% Dry of OMC | | | |
| Relative Moisture Ratio (Q250) : | - | - | - | | | |
| Moisture Ratio : | N/A | N/A | N/A | | | |
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.14 | 2.15 | 2.14 | | | |
| Density Specification : | 98% | 98% | 98% | | | |
| Wet Density Ratio : | 100.5% | 101.0% | 100.0% | | | |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | | | | <p>APPROVED SIGNATORY</p>  <p>Nick Dobson - Signatory</p> | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|---|---|-------------------------|-------------------------|--|---------------------|--|
| Client : | Shadforth | | | Report Number : | SR/PTP/12381 - 35/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 25/09/2023 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/215338 | S/215339 | S/215340 | | | |
| Date Tested : | 29/08/2023 | 29/08/2023 | 29/08/2023 | | | |
| Material Source : | Onsite | Onsite | Onsite | | | |
| For use as : | General Fill | General Fill | General Fill | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | |
| Time : | 11:15 | 11:30 | 11:45 | | | |
| Lot Number : | - | - | - | | | |
| Location 1 : | E 532738 | E 532764 | E 532786 | | | |
| Location 2 : | N 6899912 | N 6898933 | N 6898970 | | | |
| Location 3 : | RL 71.11 | RL 69.2 | RL 65.4 | | | |
| Location 4 : | - | - | - | | | |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | | | |
| Oversize Wet : | 20% | 19% | 19% | | | |
| Oversize Density - Dry (t/m ³) : | 2.43 | 2.43 | 2.44 | | | |
| Assigned MDR (Yes/No) : | No | No | No | | | |
| MDR Sample Number : | S/215338 | S/215339 | S/215340 | | | |
| MDR Test Date : | 15/09/2023 | 15/09/2023 | 15/09/2023 | | | |
| Compaction Type : | Standard | Standard | Standard | | | |
| Soil Description : | Sandy CLAY - Brown | Sandy CLAY - Dark Brown | Sandy CLAY - Dark Brown | | | |
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.05 | 1.97 | 1.96 | | | |
| Moisture Variation : | 2.0% | 2.5% | 2.5% | | | |
| ADJ PCWD (t/m ³) : | 2.11 | 2.04 | 2.04 | | | |
| ADJ Moisture Variation : | 2.0% | 2.0% | 2.0% | | | |
| <i>Moisture Test Results :</i> | | | | | | |
| Field Moisture Content : | 6.5% | 10.0% | 10.5% | | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | | | |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | | | |
| Relative Moisture Ratio (Q250) : | - | - | - | | | |
| Moisture Ratio : | N/A | N/A | N/A | | | |
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.13 | 2.00 | 2.01 | | | |
| Density Specification : | 98% | 98% | 98% | | | |
| Wet Density Ratio : | 101.0% | 98.0% | 99.0% | | | |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | | | | <p>APPROVED SIGNATORY</p>  <p>Nick Dobson - Signatory</p> | | |
| Document Number : | RF1 | | Date : 27/09/2023 | | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|--|---|------------------------|------------------------|---|------------------------|---------------------|
| Client : | Shadforth | | | | Report Number : | SR/PTP/12381 - 36/1 |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | | Report Date : | 25/09/2023 |
| Project Name : | SkyRidge Development | | | | Test Request : | - |
| Project Number : | PTP/12381 | | | | Page 1 of 1 | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/219416 | S/219417 | S/219418 | S/219419 | S/219420 | |
| Date Tested : | 19/09/2023 | 19/09/2023 | 19/09/2023 | 19/09/2023 | 19/09/2023 | |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | |
| For use as : | General Fill | General Fill | General Fill | General Fill | General Fill | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | |
| Time : | 07:12 | 07:24 | 07:45 | 08:12 | 08:33 | |
| Lot Number : | - | - | - | - | - | |
| Location 1 : | Re-Test - S/215329 | Re-Test - S/215330 | Re-Test - S/215331 | Re-Test - S/215332 | Re-Test - S/215334 | |
| Location 2 : | E 532715 | E 532745 | E 532723 | E 532743 | E 532775 | |
| Location 3 : | N 6899084 | N 6899044 | N 6899040 | N 6899037 | N 6899031 | |
| Location 4 : | RL 45.5 | RL 66.61 | RL 65.5 | RL 66.0 | RL 67.6 | |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm | |
| Oversize Wet : | 0% | 0% | 0% | 0% | 0% | |
| Oversize Density - Dry (t/m ³) : | - | - | - | - | - | |
| Assigned MDR (Yes/No) : | No | No | No | No | No | |
| MDR Sample Number : | S/219416 | S/219417 | S/219418 | S/219419 | S/219420 | |
| MDR Test Date : | 21/09/2023 | 21/09/2023 | 21/09/2023 | 20/09/2023 | 20/09/2023 | |
| Compaction Type : | Standard | Standard | Standard | Standard | Standard | |
| Soil Description : | Sandy CLAY - Black | Sandy CLAY - Black | Sandy CLAY - Black | Sandy CLAY - Black | Sandy CLAY - Black | |
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.11 | 2.14 | 2.15 | 2.15 | 2.16 | |
| Moisture Variation : | 2.0% | 2.5% | 0.5% | 2.0% | 2.0% | |
| ADJ PCWD (t/m ³) : | - | - | - | - | - | |
| ADJ Moisture Variation : | - | - | - | - | - | |
| <i>Moisture Test Results :</i> | | | | | | |
| Field Moisture Content : | 8.5% | 8.0% | 8.5% | 8.5% | 8.5% | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | |
| Variation from OMC : | 2.0% Dry of OMC | 2.5% Dry of OMC | 0.5% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | |
| Relative Moisture Ratio (Q250) : | - | - | - | - | - | |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | |
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.14 | 2.14 | 2.13 | 2.12 | 2.17 | |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | |
| Wet Density Ratio : | 101.5% | 100.0% | 99.0% | 99.0% | 100.5% | |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | | | | <p>APPROVED SIGNATORY</p>  Ben Pittard - Signatory | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|---|---|--------------------------------|--------------------------------|---|--------------------------------|--------------------------------|
| Client : | Shadforth | | | Report Number : | SR/PTP/12381 - 37/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 25/09/2023 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/216715 | S/216716 | S/216717 | S/216718 | S/216719 | S/216720 |
| Date Tested : | 5/09/2023 | 5/09/2023 | 5/09/2023 | 5/09/2023 | 5/09/2023 | 5/09/2023 |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| For use as : | General Fill | General Fill | General Fill | General Fill | General Fill | General Fill |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b |
| Time : | 11:00 | 11:15 | 11:30 | 11:45 | 12:00 | 12:15 |
| Lot Number : | - | - | - | - | - | - |
| Location 1 : | E 532689 | E 532758 | E 532697 | E 532647 | E 532736 | E 532677 |
| Location 2 : | N 6899054 | N 6899005 | N 6899015 | N 6899034 | N 6899007 | N 6899023 |
| Location 3 : | RL 64.34 | RL 70.12 | RL 74.91 | RL 76.79 | RL 72.92 | RL 75.21 |
| Location 4 : | - | - | - | - | - | - |
| Test Fraction (mm) : | < 37.5mm | < 37.5mm | < 37.5mm | < 37.5mm | < 37.5mm | < 37.5mm |
| OverSize Wet : | 35% | 27% | 41% | 36% | 38% | 27% |
| OverSize Density - Dry (t/m ³) : | 2.57 | 2.54 | 2.54 | 2.58 | 2.53 | 2.58 |
| Assigned MDR (Yes/No) : | No | No | No | No | No | No |
| MDR Sample Number : | S/216715 | S/216716 | S/216717 | S/216718 | S/216719 | S/216720 |
| MDR Test Date : | 22/09/2023 | 22/09/2023 | 22/09/2023 | 22/09/2023 | 22/09/2023 | 22/09/2023 |
| Compaction Type : | Standard | Standard | Standard | Standard | Standard | Standard |
| Soil Description : | Clayey GRAVEL - Brown | Clayey GRAVEL - Brown | Clayey GRAVEL - Brown | Clayey GRAVEL - Brown | Clayey GRAVEL - Brown | Clayey GRAVEL - Brown |
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | Not Testable using this Method | Not Testable using this Method | Not Testable using this Method | Not Testable using this Method | Not Testable using this Method | Not Testable using this Method |
| Moisture Variation : | - | - | - | - | - | - |
| ADJ PCWD (t/m ³) : | - | - | - | - | - | - |
| ADJ Moisture Variation : | - | - | - | - | - | - |
| <i>Moisture Test Results :</i> | | | | | | |
| Field Moisture Content : | 7.0% | 6.5% | 4.5% | 5.5% | 5.5% | 6.5% |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC |
| Variation from OMC : | - | - | - | - | - | - |
| Relative Moisture Ratio (Q250) : | - | - | - | - | - | - |
| Moisture Ratio : | - | - | - | - | - | - |
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.23 | 2.23 | 2.23 | 2.24 | 2.22 | 2.21 |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | 98% |
| Wet Density Ratio : | - | - | - | - | - | - |
| Remarks : | | | | | | |
|  Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208 | | | | APPROVED SIGNATORY  Nick Dobson - Signatory | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|---|---|------------------------------|------------------------------|--|------------------------|------------------------|
| Client : | Shadforth | | | Report Number : | SR/PTP/12381 - 38/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 25/09/2023 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 1 of 2 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/216816 | S/216817 | S/216818 | S/216819 | S/216820 | S/216821 |
| Date Tested : | 6/09/2023 | 6/09/2023 | 6/09/2023 | 6/09/2023 | 6/09/2023 | 6/09/2023 |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| For use as : | General Fill | General Fill | General Fill | General Fill | General Fill | General Fill |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b |
| Time : | 08:00 | 08:15 | 08:30 | 08:45 | 09:00 | 09:15 |
| Lot Number : | - | - | - | - | - | - |
| Location 1 : | E 532747 | E 532760 | E 532793 | E 532765 | E 532741 | E 532728 |
| Location 2 : | N 6898947 | N 6898978 | N 6899019 | N 6899032 | N 6899023 | N 6899021 |
| Location 3 : | RL 68.1 | RL 68.5 | RL 61.98 | RL 67.4 | RL 67.3 | RL 66.5 |
| Location 4 : | - | - | - | - | - | - |
| Test Fraction (mm) : | < 37.5mm | < 37.5mm | < 37.5mm | < 37.5mm | < 37.5mm | < 37.5mm |
| Override Wet : | 6% | 7% | 7% | 27% | 19% | 16% |
| Override Density - Dry (t/m ³) : | 2.41 | 2.41 | 2.41 | 2.37 | 2.36 | 2.35 |
| Assigned MDR (Yes/No) : | No | No | No | No | No | No |
| MDR Sample Number : | S/216816 | S/216817 | S/216818 | S/216819 | S/216820 | S/216821 |
| MDR Test Date : | 19/09/2023 | 19/09/2023 | 19/09/2023 | 19/09/2023 | 19/09/2023 | 19/09/2023 |
| Compaction Type : | Standard | Standard | Standard | Standard | Standard | Standard |
| Soil Description : | Sandy Clayey GRAVEL Brown | Sandy Clayey GRAVEL Brown | Sandy Clayey GRAVEL Brown | Sandy Clayey GRAVEL Brown | Gravelly CLAY - Brown | Gravelly CLAY - Brown |
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.16 | 2.17 | 2.16 | Not Testable using this Method | 2.17 | 2.18 |
| Moisture Variation : | 2.0% | 2.0% | 2.0% | - | 2.0% | 1.5% |
| ADJ PCWD (t/m ³) : | 2.17 | 2.18 | 2.17 | - | 2.20 | 2.20 |
| ADJ Moisture Variation : | 2.0% | 2.0% | 2.0% | - | 2.0% | 1.5% |
| <i>Moisture Test Results :</i> | | | | | | |
| Field Moisture Content : | 7.5% | 7.0% | 8.5% | 6.5% | 8.0% | 8.5% |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | - | 2.0% Dry of OMC | 1.5% Dry of OMC |
| Relative Moisture Ratio (Q250) : | - | - | - | - | - | - |
| Moisture Ratio : | N/A | N/A | N/A | - | N/A | N/A |
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.20 | 2.21 | 2.20 | 2.20 | 2.21 | 2.21 |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | 98% |
| Wet Density Ratio : | 101.5% | 101.5% | 101.0% | - | 100.0% | 100.5% |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | | | | <p>APPROVED SIGNATORY</p>  <p>Nick Dobson - Signatory</p> | | |
| Document Number : | RF1 | | | Date : | 4/09/2023 | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|--|---|------------------------|------------------------|------------------------|------------------------|------------------------|
| Client : | Shadforth | | | Report Number : | SR/PTP/12381 - 38/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 25/09/2023 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 2 of 2 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/216822 | S/216823 | S/216824 | S/216825 | S/216826 | S/216827 |
| Date Tested : | 6/09/2023 | 6/09/2023 | 6/09/2023 | 6/09/2023 | 6/09/2023 | 6/09/2023 |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| For use as : | General Fill | General Fill | General Fill | General Fill | General Fill | General Fill |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b |
| Time : | 09:30 | 09:45 | 10:00 | 10:15 | 10:30 | 10:45 |
| Lot Number : | - | - | - | - | - | - |
| Location 1 : | E 532714 | E 532680 | E 532708 | E 532675 | E 532660 | E 532702 |
| Location 2 : | N 6899041 | N 6899037 | N 6899031 | N 6899058 | N 6899042 | N 6899053 |
| Location 3 : | RL 68.5 | RL 70.0 | RL 70.0 | RL 65.3 | RL 70.8 | RL 65.8 |
| Location 4 : | - | - | - | - | - | - |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm |
| Oversize Wet : | 20% | 18% | 11% | 8% | 9% | 12% |
| Oversize Density - Dry (t/m ³) : | 2.24 | 2.26 | 2.38 | 2.28 | 2.24 | 2.25 |
| Assigned MDR (Yes/No) : | No | No | No | No | No | No |
| MDR Sample Number : | S/216822 | S/216823 | S/216824 | S/216825 | S/216826 | S/216827 |
| MDR Test Date : | 20/09/2023 | 20/09/2023 | 20/09/2023 | 20/09/2023 | 20/09/2023 | 20/09/2023 |
| Compaction Type : | Standard | Standard | Standard | Standard | Standard | Standard |
| Soil Description : | Clayey SAND - Brown | Clayey SAND - Brown | Clayey SAND - Brown | Clayey SAND - Brown | Clayey SAND - Brown | Clayey SAND - Brown |
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.09 | 2.11 | 2.07 | 2.13 | 2.14 | 2.08 |
| Moisture Variation : | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% |
| ADJ PCWD (t/m ³) : | 2.12 | 2.14 | 2.10 | 2.14 | 2.15 | 2.10 |
| ADJ Moisture Variation : | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% |
| <i>Moisture Test Results :</i> | | | | | | |
| Field Moisture Content : | 7.5% | 9.0% | 8.0% | 9.5% | 9.5% | 8.5% |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC |
| Variation from OMC : | 0.5% Dry of OMC | 0.5% Dry of OMC | 0.5% Dry of OMC | 0.5% Dry of OMC | 0.5% Dry of OMC | 0.5% Dry of OMC |
| Relative Moisture Ratio (Q250) : | - | - | - | - | - | - |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | N/A |
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.10 | 2.18 | 2.06 | 2.14 | 2.17 | 2.19 |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | 98% |
| Wet Density Ratio : | 99.0% | 102.0% | 98.0% | 100.0% | 101.0% | 104.0% |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | APPROVED SIGNATORY  Nick Dobson - Signatory | | | | | |
| | Document Number : RF1 | | | | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|---|---|------------------------|------------------------|--|------------------------|------------------------|
| Client : | Shadforth | | | Report Number : | SR/PTP/12381 - 39/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 25/09/2023 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/217049 | S/217050 | S/217051 | S/217052 | S/217053 | S/217054 |
| Date Tested : | 7/09/2023 | 7/09/2023 | 7/09/2023 | 7/09/2023 | 7/09/2023 | 7/09/2023 |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| For use as : | General Fill | General Fill | General Fill | General Fill | General Fill | General Fill |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b |
| Time : | 08:00 | 08:15 | 08:30 | 08:45 | 09:00 | 09:15 |
| Lot Number : | - | - | - | - | - | - |
| Location 1 : | E 532820 | E 532819 | E 532815 | E 532810 | E 532799 | E 532794 |
| Location 2 : | N 6899021 | N 6899013 | N 6899005 | N 6898999 | N 6898986 | N 6898981 |
| Location 3 : | RL 62.0 | RL 62.12 | RL 62.4 | RL 62.66 | RL 63.5 | RL 64.5 |
| Location 4 : | - | - | - | - | - | - |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm |
| Oversize Wet : | 19% | 20% | 11% | 9% | 18% | 15% |
| Oversize Density - Dry (t/m ³) : | 2.33 | 2.32 | 2.12 | 2.34 | 2.44 | 2.47 |
| Assigned MDR (Yes/No) : | No | No | No | No | No | No |
| MDR Sample Number : | S/217049 | S/217050 | S/217051 | S/217052 | S/217053 | S/217054 |
| MDR Test Date : | 20/09/2023 | 20/09/2023 | 20/09/2023 | 20/09/2023 | 20/09/2023 | 20/09/2023 |
| Compaction Type : | Standard | Standard | Standard | Standard | Standard | Standard |
| Soil Description : | Sandy CLAY - Brown | Sandy CLAY - Brown | Sandy CLAY - Brown | Sandy CLAY - Brown | Sandy CLAY - Brown | Sandy CLAY - Brown |
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.11 | 2.10 | 2.11 | 2.10 | 2.10 | 2.12 |
| Moisture Variation : | 3.0% | 3.0% | 2.5% | 3.0% | 3.0% | 2.5% |
| ADJ PCWD (t/m ³) : | 2.15 | 2.14 | 2.12 | 2.12 | 2.16 | 2.17 |
| ADJ Moisture Variation : | 2.5% | 2.5% | 2.5% | 2.5% | 2.5% | 2.5% |
| <i>Moisture Test Results :</i> | | | | | | |
| Field Moisture Content : | 6.0% | 6.0% | 7.5% | 7.5% | 6.5% | 7.0% |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC |
| Variation from OMC : | 2.5% Dry of OMC | 2.5% Dry of OMC | 2.5% Dry of OMC | 2.5% Dry of OMC | 2.5% Dry of OMC | 2.5% Dry of OMC |
| Relative Moisture Ratio (Q250) : | - | - | - | - | - | - |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | N/A |
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.11 | 2.10 | 2.11 | 2.10 | 2.10 | 2.12 |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | 98% |
| Wet Density Ratio : | 98.0% | 98.0% | 100.0% | 99.0% | 97.5% | 97.5% |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | | | | <p>APPROVED SIGNATORY</p>  <p>Nick Dobson - Signatory</p> | | |
| Document Number : | RF1 | | | Date : | 4/09/2023 | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|---|---|------------------------|------------------------|--|------------------------|------------------------|
| Client : | Shadforth | | | Report Number : | SR/PTP/12381 - 40/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 25/09/2023 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/217486 | S/217487 | S/217488 | S/217489 | S/217490 | S/217491 |
| Date Tested : | 8/09/2023 | 8/09/2023 | 8/09/2023 | 8/09/2023 | 8/09/2023 | 8/09/2023 |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| For use as : | General Fill | General Fill | General Fill | General Fill | General Fill | General Fill |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b |
| Time : | 10:30 | 10:15 | 10:30 | 11:45 | 12:00 | 12:15 |
| Lot Number : | - | - | - | - | - | - |
| Location 1 : | E 532814 | E 532817 | E 532781 | E 532781 | E 532671 | E 532670 |
| Location 2 : | N 6899021 | N 6899000 | N 6898960 | N 6898960 | N 6898997 | N 6898988 |
| Location 3 : | RL 61.33 | RL 62.50 | RL 63.58 | RL 64.0 | RL 83.1 | RL 85.3 |
| Location 4 : | - | - | - | - | - | - |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm |
| Override Wet : | 19% | 19% | 19% | 16% | 20% | 19% |
| Override Density - Dry (t/m ³) : | 2.37 | 2.37 | 2.46 | 2.40 | 2.43 | 2.31 |
| Assigned MDR (Yes/No) : | No | No | No | No | No | No |
| MDR Sample Number : | S/217486 | S/217487 | S/217488 | S/217489 | S/217490 | S/217491 |
| MDR Test Date : | 20/09/2023 | 20/09/2023 | 20/09/2023 | 20/09/2023 | 20/09/2023 | 20/09/2023 |
| Compaction Type : | Standard | Standard | Standard | Standard | Standard | Standard |
| Soil Description : | Clayey SAND - BROWN | Clayey SAND - BROWN | Clayey SAND - BROWN | Clayey SAND - BROWN | Clayey SAND - BROWN | Clayey SAND - Brown |
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.12 | 2.11 | 2.09 | 2.09 | 2.14 | 2.10 |
| Moisture Variation : | 2.0% | 2.5% | 2.5% | 1.5% | 2.0% | 2.0% |
| ADJ PCWD (t/m ³) : | 2.17 | 2.16 | 2.16 | 2.13 | 2.19 | 2.13 |
| ADJ Moisture Variation : | 2.0% | 2.0% | 2.0% | 1.5% | 2.0% | 1.5% |
| <i>Moisture Test Results :</i> | | | | | | |
| Field Moisture Content : | 7.0% | 6.5% | 7.0% | 7.0% | 6.0% | 5.5% |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 1.5% Dry of OMC | 2.0% Dry of OMC | 1.5% Dry of OMC |
| Relative Moisture Ratio (Q250) : | - | - | - | - | - | - |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | N/A |
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.20 | 2.19 | 2.11 | 2.17 | 2.17 | 2.19 |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | 98% |
| Wet Density Ratio : | 101.5% | 102.0% | 98.0% | 102.0% | 99.5% | 102.5% |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | | | | <p>APPROVED SIGNATORY</p>  <p>Nick Dobson - Signatory</p> | | |
| Document Number : | RF1 | | | Date : | 4/09/2023 | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|--|---|------------------------|------------------------|---|---------------------|--|
| Client : | Shadforth | | | Report Number : | SR/PTP/12381 - 41/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 25/09/2023 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/217771 | S/217772 | S/217773 | S/217774 | | |
| Date Tested : | 11/09/2023 | 11/09/2023 | 11/09/2023 | 11/09/2023 | | |
| Material Source : | Onsite | Onsite | Onsite | Onsite | | |
| For use as : | General Fill | General Fill | General Fill | General Fill | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | |
| Time : | 10:00 | 10:15 | 10:30 | 10:45 | | |
| Lot Number : | - | - | - | - | | |
| Location 1 : | E 532808 | E 532816 | E 532821 | E 532825 | | |
| Location 2 : | N 6898991 | N 6898993 | N 6899011 | N 6899021 | | |
| Location 3 : | RL 63.8 | RL 63.9 | RL 64.26 | RL 64.26 | | |
| Location 4 : | - | - | - | - | | |
| Test Fraction (mm) : | < 37.5mm | < 37.5mm | < 37.5mm | < 37.5mm | | |
| Oversize Wet : | 15% | 14% | 9% | 13% | | |
| Oversize Density - Dry (t/m ³) : | 2.26 | 2.26 | 2.25 | 2.27 | | |
| Assigned MDR (Yes/No) : | No | No | No | No | | |
| MDR Sample Number : | S/217771 | S/217772 | S/217773 | S/217774 | | |
| MDR Test Date : | 21/09/2023 | 21/09/2023 | 21/09/2023 | 21/09/2023 | | |
| Compaction Type : | Standard | Standard | Standard | Standard | | |
| Soil Description : | Sandy CLAY - Brown | Sandy CLAY - Brown | Sandy CLAY - Brown | Sandy CLAY - Brown | | |
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.10 | 2.11 | 2.12 | 2.11 | | |
| Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | | |
| ADJ PCWD (t/m ³) : | 2.12 | 2.13 | 2.13 | 2.13 | | |
| ADJ Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | | |
| <i>Moisture Test Results :</i> | | | | | | |
| Field Moisture Content : | 4.0% | 4.5% | 4.5% | 4.0% | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | | |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | | |
| Relative Moisture Ratio (Q250) : | - | - | - | - | | |
| Moisture Ratio : | N/A | N/A | N/A | N/A | | |
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.13 | 2.15 | 2.16 | 2.15 | | |
| Density Specification : | 98% | 98% | 98% | 98% | | |
| Wet Density Ratio : | 100.5% | 101.0% | 101.5% | 101.0% | | |
| Remarks : | | | | | | |
|  <p style="font-size: x-small;">Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | | | | <p>APPROVED SIGNATORY</p>  <p>Nick Dobson - Signatory</p> | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|--|---|-----------------------------|-----------------------------|-----------------------------|---------------------|--|
| Client : | Shadforth | | | Report Number : | SR/PTP/12381 - 42/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 25/09/2023 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/217976 | S/217977 | S/217978 | S/217979 | | |
| Date Tested : | 12/09/2023 | 12/09/2023 | 12/09/2023 | 12/09/2023 | | |
| Material Source : | Onsite | Onsite | Onsite | Onsite | | |
| For use as : | General Fill | General Fill | General Fill | General Fill | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | |
| Time : | 08:00 | 08:15 | 08:44 | 09:00 | | |
| Lot Number : | - | - | - | - | | |
| Location 1 : | E 532737 | E 532720 | E 532704 | E 532684 | | |
| Location 2 : | N 6898923 | N 6898908 | N 6898893 | N 6898879 | | |
| Location 3 : | RL 78.3 | RL 80.4 | RL 85.17 | RL 88.6 | | |
| Location 4 : | - | - | - | - | | |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | < 19mm | | |
| Oversize Wet : | 15% | 14% | 17% | 15% | | |
| Oversize Density - Dry (t/m ³) : | 2.37 | 2.28 | 2.41 | 2.34 | | |
| Assigned MDR (Yes/No) : | No | No | No | No | | |
| MDR Sample Number : | S/217976 | S/217977 | S/217978 | S/217979 | | |
| MDR Test Date : | 22/09/2023 | 22/09/2023 | 22/09/2023 | 22/09/2023 | | |
| Compaction Type : | Standard | Standard | Standard | Standard | | |
| Soil Description : | Gravelly SAND - Light Brown | Gravelly SAND - Light Brown | Gravelly SAND - Light Brown | Gravelly SAND - Light Brown | | |
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.16 | 2.20 | 2.17 | 2.18 | | |
| Moisture Variation : | 1.5% | 2.0% | 1.5% | 1.5% | | |
| ADJ PCWD (t/m ³) : | 2.19 | 2.21 | 2.20 | 2.20 | | |
| ADJ Moisture Variation : | 1.5% | 1.5% | 1.5% | 1.5% | | |
| <i>Moisture Test Results :</i> | | | | | | |
| Field Moisture Content : | 5.0% | 5.0% | 5.0% | 6.0% | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | | |
| Variation from OMC : | 1.5% Dry of OMC | 1.5% Dry of OMC | 1.5% Dry of OMC | 1.5% Dry of OMC | | |
| Relative Moisture Ratio (Q250) : | - | - | - | - | | |
| Moisture Ratio : | N/A | N/A | N/A | N/A | | |
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.23 | 2.22 | 2.28 | 2.16 | | |
| Density Specification : | 98% | 98% | 98% | 98% | | |
| Wet Density Ratio : | 102.0% | 100.5% | 103.5% | 98.0% | | |
| Remarks : | | | | | | |
|  Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208 | APPROVED SIGNATORY  Nick Dobson - Signatory | | | | | |
| | Document Number : RF1 Date : 4/09/2023 | | | | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|--|--|------------------------------|------------------------------|-----------------|---------------------|--|
| Client : | Shadforth | | | Report Number : | SR/PTP/12381 - 44/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 25/09/2023 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/217075 | S/217076 | S/217077 | | | |
| Date Tested : | 7/09/2023 | 7/09/2023 | 7/09/2023 | | | |
| Material Source : | Onsite | Onsite | Onsite | | | |
| For use as : | General Fill | General Fill | General Fill | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | |
| Time : | 10:00 | 10:15 | 10:30 | | | |
| Lot Number : | - | - | - | | | |
| Location 1 : | E 532650 | E 532655 | E 532658 | | | |
| Location 2 : | N 6899078 | N 6899092 | N 6899101 | | | |
| Location 3 : | RL 72.8 | RL 73.40 | RL 74.0 | | | |
| Location 4 : | - | - | - | | | |
| Test Fraction (mm) : | < 37.5mm | < 19mm | < 19mm | | | |
| Oversize Wet : | 18% | 19% | 18% | | | |
| Oversize Density - Dry (t/m ³) : | 2.82 | 2.66 | 2.34 | | | |
| Assigned MDR (Yes/No) : | No | No | No | | | |
| MDR Sample Number : | S/217075 | S/217076 | S/217077 | | | |
| MDR Test Date : | 25/09/2023 | 25/09/2023 | 25/09/2023 | | | |
| Compaction Type : | Standard | Standard | Standard | | | |
| Soil Description : | Clayey Sandy GRAVEL Brown | Clayey Sandy GRAVEL Brown | Clayey Sandy GRAVEL Brown | | | |
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.18 | 2.19 | 2.25 | | | |
| Moisture Variation : | 1.5% | 1.5% | 1.0% | | | |
| ADJ PCWD (t/m ³) : | 2.28 | 2.27 | 2.27 | | | |
| ADJ Moisture Variation : | 1.0% | 1.0% | 1.0% | | | |
| <i>Moisture Test Results :</i> | | | | | | |
| Field Moisture Content : | 8.0% | 7.5% | 7.5% | | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | | | |
| Variation from OMC : | 1.0% Dry of OMC | 1.0% Dry of OMC | 1.0% Dry of OMC | | | |
| Relative Moisture Ratio (Q250) : | - | - | - | | | |
| Moisture Ratio : | N/A | N/A | N/A | | | |
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.25 | 2.26 | 2.26 | | | |
| Density Specification : | 98% | 98% | 98% | | | |
| Wet Density Ratio : | 99.0% | 99.5% | 99.5% | | | |
| Remarks : | | | | | | |
|  Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208 | APPROVED SIGNATORY | | | | | |
| |  Nick Dobson - Signatory | | | | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|---|---|--|--|--|--|--|
| Client : | Shadforth | | | Report Number : | SR/PTP/12381 - 45/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 29/09/2023 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/218747 | S/218749 | S/218750 | S/218751 | S/218752 | S/218753 |
| Date Tested : | 15/09/2023 | 15/09/2023 | 15/09/2023 | 15/09/2023 | 15/09/2023 | 15/09/2023 |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| For use as : | General Fill | General Fill | General Fill | General Fill | General Fill | General Fill |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b |
| Time : | 09:30 | 09:45 | 10:00 | 10:15 | 10:30 | 10:45 |
| Lot Number : | - | - | - | - | - | - |
| Location 1 : | E 532827 | E 532830 | E 532836 | E 532827 | E 532838 | E 532839 |
| Location 2 : | N 6899039 | N 6899054 | N 6899078 | N 6899067 | N 6899102 | N 6899120 |
| Location 3 : | RL 62.95 | RL 62.1 | RL 61.3 | RL 61.3 | RL 59.0 | RL 56.31 |
| Location 4 : | - | - | - | - | - | - |
| Test Fraction (mm) : | < 37.5mm | < 37.5mm | < 37.5mm | < 37.5mm | < 37.5mm | < 37.5mm |
| Override Wet : | 11% | 12% | 13% | 12% | 9% | 13% |
| Override Density - Dry (t/m ³) : | 2.51 | 2.50 | 2.49 | 2.37 | 2.39 | 2.38 |
| Assigned MDR (Yes/No) : | No | No | No | No | No | No |
| MDR Sample Number : | S/218747 | S/218749 | S/218750 | S/218751 | S/218752 | S/218753 |
| MDR Test Date : | 28/09/2023 | 28/09/2023 | 28/09/2023 | 28/09/2023 | 28/09/2023 | 28/09/2023 |
| Compaction Type : | Standard | Standard | Standard | Standard | Standard | Standard |
| Soil Description : | SW Clayey Gravelly SAND, Well Graded, Brown, Moist | SW Clayey Gravelly SAND, Well Graded, Brown, Moist | SW Clayey Gravelly SAND, Well Graded, Brown, Moist | SW Clayey Gravelly SAND, Well Graded, Brown, Moist | SW Clayey Gravelly SAND, Well Graded, Brown, Moist | SW Clayey Gravelly SAND, Well Graded, Brown, Moist |
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.22 | 2.21 | 2.21 | 2.21 | 2.21 | 2.23 |
| Moisture Variation : | 1.5% | 1.5% | 1.5% | 1.5% | 1.0% | 1.0% |
| ADJ PCWD (t/m ³) : | 2.25 | 2.24 | 2.24 | 2.23 | 2.23 | 2.25 |
| ADJ Moisture Variation : | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% |
| <i>Moisture Test Results :</i> | | | | | | |
| Field Moisture Content : | 9.0% | 8.0% | 8.5% | 10.5% | 10.5% | 10.5% |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC |
| Variation from OMC : | 1.0% Dry of OMC | 1.0% Dry of OMC | 1.0% Dry of OMC | 1.0% Dry of OMC | 1.0% Dry of OMC | 1.0% Dry of OMC |
| Relative Moisture Ratio (Q250) : | - | - | - | - | - | - |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | N/A |
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.21 | 2.22 | 2.22 | 2.23 | 2.22 | 2.21 |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | 98% |
| Wet Density Ratio : | 98.5% | 99.0% | 99.0% | 100.0% | 99.5% | 98.0% |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | APPROVED SIGNATORY | | |  Nick Dobson - Signatory | | |
| | Document Number: RP1 | | | Date: 4/09/2023 | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|---|---|---|---|---|---|---|
| Client : | Shadforth | | | Report Number : | SR/PTP/12381 - 46/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 29/09/2023 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/219397 | S/219398 | S/219399 | S/219400 | S/219401 | S/219402 |
| Date Tested : | 19/09/2023 | 19/09/2023 | 19/09/2023 | 19/09/2023 | 19/09/2023 | 19/09/2023 |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| For use as : | General Fill | General Fill | General Fill | General Fill | General Fill | General Fill |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b |
| Time : | 09:00 | 09:15 | 09:30 | 09:45 | 10:00 | 10:15 |
| Lot Number : | - | - | - | - | - | - |
| Location 1 : | E 532663 | E 532712 | E 532744 | E 532791 | E 532815 | E 532820 |
| Location 2 : | N 6899027 | N 6899013 | N 6899006 | N 6898996 | N 6898989 | N 6899009 |
| Location 3 : | RL 75.79 | RL 73.88 | RL 71.9 | RL 66.35 | RL 66.67 | RL 65.10 |
| Location 4 : | - | - | - | - | - | - |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm |
| Oversize Wet : | 18% | 17% | 14% | 17% | 16% | 16% |
| Oversize Density - Dry (t/m ³) : | 2.29 | 2.41 | 2.40 | 2.40 | 2.36 | 2.35 |
| Assigned MDR (Yes/No) : | No | No | No | No | No | No |
| MDR Sample Number : | S/219397 | S/219398 | S/219399 | S/219400 | S/219401 | S/219402 |
| MDR Test Date : | 27/09/2023 | 27/09/2023 | 27/09/2023 | 27/09/2023 | 27/09/2023 | 27/09/2023 |
| Compaction Type : | Standard | Standard | Standard | Standard | Standard | Standard |
| Soil Description : | CL Sandy CLAY, Low Plasticity, Brown, Moist | CL Sandy CLAY, Low Plasticity, Brown, Moist | CL Sandy CLAY, Low Plasticity, Brown, Moist | CL Sandy CLAY, Low Plasticity, Brown, Moist | CL Sandy CLAY, Low Plasticity, Brown, Moist | CL Sandy CLAY, Low Plasticity, Brown, Moist |
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.18 | 2.16 | 2.18 | 2.18 | 2.16 | 2.15 |
| Moisture Variation : | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| ADI PCWD (t/m ³) : | 2.20 | 2.20 | 2.21 | 2.22 | 2.19 | 2.18 |
| ADI Moisture Variation : | - | - | - | - | - | - |
| <i>Moisture Test Results</i> | | | | | | |
| Field Moisture Content : | 9.0% | 10.5% | 10.5% | 9.0% | 11.0% | 10.0% |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC |
| Variation from OMC : | At OMC | At OMC | At OMC | At OMC | At OMC | At OMC |
| Relative Moisture Ratio (Q250) : | - | - | - | - | - | - |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | N/A |
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.22 | 2.23 | 2.19 | 2.21 | 2.25 | 2.26 |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | 98% |
| Wet Density Ratio : | 101.0% | 101.5% | 99.5% | 100.0% | 103.0% | 103.5% |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | APPROVED SIGNATORY  Nick Dobson - Signatory | | | | | |
| | Document Number : RF1 | Date : 4/09/2023 | | | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|---|--|--|-----------------|---------------------|--|--|
| Client : | Shadforths | | Report Number : | SR/PTP/12381 - 50/1 | | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | Report Date : | 3/10/2023 | | |
| Project Name : | SkyRidge Development | | Test Request : | - | | |
| Project Number : | PTP/12381 | | Page 1 of 1 | | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/217484 | S/217485 | | | | |
| Date Tested : | 8/09/2023 | 8/09/2023 | | | | |
| Material Source : | Onsite | Onsite | | | | |
| For use as : | General Fill | General Fill | | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | | | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | | |
| Time : | 10:00 | 10:15 | | | | |
| Lot Number : | - | - | | | | |
| Location 1 : | E 532828 | E 532831 | | | | |
| Location 2 : | N 6899048 | N 6899060 | | | | |
| Location 3 : | RL 60.8 | RL 58.8 | | | | |
| Location 4 : | - | - | | | | |
| Test Fraction (mm) : | < 37.5mm | < 37.5mm | | | | |
| Oversize Wet : | 10% | 16% | | | | |
| Oversize Density - Dry (t/m ³) : | 2.44 | 2.55 | | | | |
| Assigned MDR (Yes/No) : | No | No | | | | |
| MDR Sample Number : | S/217484 | S/217485 | | | | |
| MDR Test Date : | 26/09/2023 | 26/09/2023 | | | | |
| Compaction Type : | Standard | Standard | | | | |
| Soil Description : | CL Gravelly Sandy CLAY, Low Plasticity, Brown, Dry | CL Gravelly Sandy CLAY, Low Plasticity, Brown, Dry | | | | |
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.20 | 2.17 | | | | |
| Moisture Variation : | 2.5% | 2.5% | | | | |
| ADJ PCWD (t/m ³) : | 2.22 | 2.22 | | | | |
| ADJ Moisture Variation : | 2.0% | 2.0% | | | | |
| <i>Moisture Test Results</i> | | | | | | |
| Field Moisture Content : | 8.0% | 7.5% | | | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | | | | |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | | | | |
| Relative Moisture Ratio (Q250) : | - | - | | | | |
| Moisture Ratio : | N/A | N/A | | | | |
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.25 | 2.21 | | | | |
| Density Specification : | 98% | 98% | | | | |
| Wet Density Ratio : | 101.5% | 99.5% | | | | |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast</p> <p>Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | APPROVED SIGNATORY | | | | | |
| |  Nick Dobson - Signatory | | | | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|---|---|--|--|--|--|--|
| Client : | Shadforth | | | Report Number : | SR/PTP/12381 - 51/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 3/10/2023 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/220235 | S/220239 | S/220240 | S/220241 | S/220242 | S/220243 |
| Date Tested : | 22/09/2023 | 22/09/2023 | 22/09/2023 | 22/09/2023 | 22/09/2023 | 22/09/2023 |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| For use as : | General Fill | General Fill | General Fill | General Fill | General Fill | General Fill |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b |
| Time : | 07:15 | 07:30 | 07:45 | 08:00 | 08:15 | 08:30 |
| Lot Number : | - | - | - | - | - | - |
| Location 1 : | E 532727 | E 532745 | E 532753 | E 532755 | E 532782 | E 532806 |
| Location 2 : | N 6898911 | N 6898935 | N 6898958 | N 6898968 | N 6899009 | N 6899014 |
| Location 3 : | RL 79.9 | RL 76.4 | RL 75.8 | RL 73.6 | RL 66.2 | RL 64.5 |
| Location 4 : | - | - | - | - | - | - |
| Test Fraction (mm) : | < 37.5mm | < 37.5mm | < 37.5mm | < 37.5mm | < 37.5mm | < 37.5mm |
| Oversize Wet : | 25% | 22% | 13% | 15% | 18% | 11% |
| Oversize Density - Dry (t/m ³) : | 2.42 | 2.55 | 2.36 | 2.31 | 2.44 | 2.30 |
| Assigned MDR (Yes/No) : | No | No | No | No | No | No |
| MDR Sample Number : | S/220235 | S/220239 | S/220240 | S/220241 | S/220242 | S/220243 |
| MDR Test Date : | 3/10/2023 | 3/10/2023 | 3/10/2023 | 3/10/2023 | 3/10/2023 | 3/10/2023 |
| Compaction Type : | Standard | Standard | Standard | Standard | Standard | Standard |
| Soil Description : | CL Sandy Gravelly CLAY, Low Plasticity, Brown, Moist | CL Sandy Gravelly CLAY, Low Plasticity, Brown, Moist | CL Sandy Gravelly CLAY, Low Plasticity, Brown, Moist | CL Sandy Gravelly CLAY, Low Plasticity, Brown, Moist | CL Sandy Gravelly CLAY, Low Plasticity, Brown, Moist | CL Sandy Gravelly CLAY, Low Plasticity, Brown, Moist |
| MDR Test Results | | | | | | |
| PCWD (t/m ³) : | Not Testable using this Method | Not Testable using this Method | 2.23 | 2.24 | 2.21 | 2.23 |
| Moisture Variation : | - | - | 2.5% | 2.5% | 2.5% | 2.5% |
| ADJ PCWD (t/m ³) : | - | - | 2.25 | 2.25 | 2.25 | 2.24 |
| ADJ Moisture Variation : | - | - | 2.0% | 2.0% | 2.0% | 2.0% |
| Moisture Test Results : | | | | | | |
| Field Moisture Content : | 5.5% | 7.0% | 7.0% | 7.0% | 7.0% | 8.5% |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC |
| Variation from OMC : | - | - | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC |
| Relative Moisture Ratio (Q250) : | - | - | - | - | - | - |
| Moisture Ratio : | - | - | N/A | N/A | N/A | N/A |
| Density Test Results | | | | | | |
| Field Wet Density (t/m ³) : | 2.25 | 2.21 | 2.25 | 2.30 | 2.25 | 2.30 |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | 98% |
| Wet Density Ratio : | - | - | 100.0% | 102.0% | 100.0% | 102.5% |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | | | | <p>APPROVED SIGNATORY</p>  <p>Nick Dobson - Signatory</p> | | |
| Document Number : | RF1 | | | Date : | 4/09/2023 | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|---|---|---|-----------------|---------------------|--|--|
| Client : | Shadforths | | Report Number : | SR/PTP/12381 - 52/1 | | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | Report Date : | 3/10/2023 | | |
| Project Name : | SkyRidge Development | | Test Request : | - | | |
| Project Number : | PTP/12381 | | Page 1 of 1 | | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/220246 | S/220247 | | | | |
| Date Tested : | 22/09/2023 | 22/09/2023 | | | | |
| Material Source : | Onsite | Onsite | | | | |
| For use as : | General Fill | General Fill | | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | | | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | | |
| Time : | 10:30 | 10:45 | | | | |
| Lot Number : | - | - | | | | |
| Location 1 : | E 532746 | E 532790 | | | | |
| Location 2 : | N 6899086 | N 6899077 | | | | |
| Location 3 : | RL 62.6 | RL 60.01 | | | | |
| Location 4 : | - | - | | | | |
| Test Fraction (mm) : | < 19mm | < 19mm | | | | |
| Oversize Wet : | 18% | 18% | | | | |
| Oversize Density - Dry (t/m ³) : | 2.33 | 2.29 | | | | |
| Assigned MDR (Yes/No) : | No | No | | | | |
| MDR Sample Number : | S/220246 | S/220247 | | | | |
| MDR Test Date : | 26/09/2023 | 26/09/2023 | | | | |
| Compaction Type : | Standard | Standard | | | | |
| Soil Description : | SP Gravelly SAND trace Silt, Gap Graded, Brown, Moist | SP Gravelly SAND trace Silt, Gap Graded, Brown, Dry | | | | |
| MDR Test Results | | | | | | |
| PCWD (t/m ³) : | 2.14 | 2.14 | | | | |
| Moisture Variation : | 2.5% | 2.5% | | | | |
| ADJ PCWD (t/m ³) : | 2.17 | 2.17 | | | | |
| ADJ Moisture Variation : | 2.0% | 2.0% | | | | |
| Moisture Test Results : | | | | | | |
| Field Moisture Content : | 5.5% | 5.0% | | | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | | | | |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | | | | |
| Relative Moisture Ratio (Q250) : | - | - | | | | |
| Moisture Ratio : | N/A | N/A | | | | |
| Density Test Results | | | | | | |
| Field Wet Density (t/m ³) : | 2.18 | 2.18 | | | | |
| Density Specification : | 98% | 98% | | | | |
| Wet Density Ratio : | 100.5% | 100.5% | | | | |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | APPROVED SIGNATORY  Nick Dobson - Signatory | | | | | |
| | Document Number : RP1 Date : 4/09/2023 | | | | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | | |
|--|---|---|---|--|-----------------|---------------------|--|
| Client : | Shadforths | | | | Report Number : | SR/PTP/12381 - 53/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | | Report Date : | 6/10/2023 | |
| Project Name : | SkyRidge Development | | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | | |
| Sample Number : | S/217993 | S/217996 | S/217997 | S/217998 | | | |
| Date Tested : | 12/09/2023 | 12/09/2023 | 12/09/2023 | 12/09/2023 | | | |
| Material Source : | Onsite | Onsite | Onsite | Onsite | | | |
| For use as : | General Fill | General Fill | General Fill | General Fill | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | |
| Time : | 09:15 | 09:30 | 09:45 | 10:00 | | | |
| Lot Number : | - | - | - | - | | | |
| Location 1 : | E 532759 | E 532779 | E 532810 | E 532287 | | | |
| Location 2 : | N 6899116 | N 6899082 | N 6899099 | N 6899129 | | | |
| Location 3 : | RL 62.01 | RL 60.3 | RL 58.97 | RL 57.0 | | | |
| Location 4 : | - | - | - | - | | | |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | < 19mm | | | |
| Oversize Wet : | 0% | 0% | 0% | 0% | | | |
| Oversize Density - Dry (t/m ³) : | - | - | - | - | | | |
| Assigned MDR (Yes/No) : | No | No | No | No | | | |
| MDR Sample Number : | S/217993 | S/217996 | S/217997 | S/217998 | | | |
| MDR Test Date : | 26/09/2023 | 26/09/2023 | 26/09/2023 | 26/09/2023 | | | |
| Compaction Type : | Standard | Standard | Standard | Standard | | | |
| Soil Description : | SP Gravelly SAND trace Silt, Gap Graded, Brown, Dry | SP Gravelly Clayey SAND, Gap Graded, Brown, Dry | SP Gravelly SAND trace Silt, Gap Graded, Brown, Dry | SP Gravelly Clayey SAND, Gap Graded, Brown, Dry | | | |
| <i>MDR Test Results</i> | | | | | | | |
| PCWD (t/m ³) : | 2.23 | 2.20 | 2.22 | 2.20 | | | |
| Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | | | |
| ADJ PCWD (t/m ³) : | - | - | - | - | | | |
| ADI Moisture Variation : | - | - | - | - | | | |
| <i>Moisture Test Results :</i> | | | | | | | |
| Field Moisture Content : | 6.5% | 6.0% | 6.5% | 6.5% | | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | | | |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | | | |
| Relative Moisture Ratio (Q250) : | - | - | - | - | | | |
| Moisture Ratio : | N/A | N/A | N/A | N/A | | | |
| <i>Density Test Results</i> | | | | | | | |
| Field Wet Density (t/m ³) : | 2.23 | 2.19 | 2.23 | 2.18 | | | |
| Density Specification : | 98% | 98% | 98% | 98% | | | |
| Wet Density Ratio : | 100.0% | 99.5% | 100.0% | 98.5% | | | |
| Remarks : | | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | | | | <p>APPROVED SIGNATORY</p>  <p>Nick Dobson - Signatory</p> | | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|---|--|--|--|---|---------------------|--|
| Client : | Shadforths | | | Report Number : | SR/PTP/12381 - 54/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 6/10/2023 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/218516 | S/218517 | S/218518 | | | |
| Date Tested : | 14/09/2023 | 14/09/2023 | 14/09/2023 | | | |
| Material Source : | Onsite | Onsite | Onsite | | | |
| For use as : | General Fill | General Fill | General Fill | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | |
| Time : | 10:00 | 10:15 | 10:30 | | | |
| Lot Number : | - | - | - | | | |
| Location 1 : | E 532817 | E 532814 | E 532819 | | | |
| Location 2 : | N 6899011 | N 6898993 | N 6899017 | | | |
| Location 3 : | RL 64.81 | RL 66.4 | RL 64.19 | | | |
| Location 4 : | - | - | - | | | |
| Test Fraction (mm) : | < 37.5mm | < 37.5mm | < 37.5mm | | | |
| Oversize Wet : | 16% | 15% | 15% | | | |
| Oversize Density - Dry (t/m ³) : | 2.42 | 2.43 | 2.39 | | | |
| Assigned MDR (Yes/No) : | No | No | No | | | |
| MDR Sample Number : | S/218516 | S/218517 | S/218518 | | | |
| MDR Test Date : | 26/09/2023 | 26/09/2023 | 26/09/2023 | | | |
| Compaction Type : | Standard | Standard | Standard | | | |
| Soil Description : | CL Sandy Gravelly CLAY, Low Plasticity, Brown, Dry | CL Sandy Gravelly CLAY, Low Plasticity, Brown, Dry | CL Sandy Gravelly CLAY, Low Plasticity, Brown, Dry | | | |
| MDR Test Results | | | | | | |
| PCWD (t/m ³) : | 2.18 | 2.20 | 2.18 | | | |
| Moisture Variation : | 1.5% | 1.5% | 1.5% | | | |
| ADJ PCWD (t/m ³) : | 2.22 | 2.23 | 2.21 | | | |
| ADJ Moisture Variation : | 1.5% | 1.5% | 1.5% | | | |
| Moisture Test Results | | | | | | |
| Field Moisture Content : | 18.0% | 7.5% | 8.0% | | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | | | |
| Variation from OMC : | 1.5% Dry of OMC | 1.5% Dry of OMC | 1.5% Dry of OMC | | | |
| Relative Moisture Ratio (Q250) : | - | - | - | | | |
| Moisture Ratio : | N/A | N/A | N/A | | | |
| Density Test Results | | | | | | |
| Field Wet Density (t/m ³) : | 2.20 | 2.19 | 2.22 | | | |
| Density Specification : | 98% | 98% | 98% | | | |
| Wet Density Ratio : | 99.5% | 98.0% | 100.5% | | | |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | | | | APPROVED SIGNATORY  Nick Dobson - Signatory | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|--|---|--|--|--|--|--|
| Client : | Shadforth | | | Report Number : | SR/PTP/12381 - 55/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 6/10/2023 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/219200 | S/219202 | S/219203 | S/219204 | S/219205 | S/219206 |
| Date Tested : | 18/09/2023 | 18/09/2023 | 18/09/2023 | 18/09/2023 | 18/09/2023 | 18/09/2023 |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| For use as : | General Fill | General Fill | General Fill | General Fill | General Fill | General Fill |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b |
| Time : | 09:00 | 09:15 | 09:30 | 09:45 | 10:00 | 10:15 |
| Lot Number : | - | - | - | - | - | - |
| Location 1 : | E 532766 | E 532723 | E 532736 | E 532724 | E 532707 | E 532794 |
| Location 2 : | N 6898928 | N 6898944 | N 6898973 | N 6898981 | N 6898984 | N 6899073 |
| Location 3 : | RL 80.01 | RL 78.7 | RL 76.5 | RL 76.29 | RL 76.29 | RL 60.24 |
| Location 4 : | - | - | - | - | - | - |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm |
| OverSize Wet : | 13% | 17% | 20% | 15% | 18% | 18% |
| OverSize Density - Dry (t/m ³) : | 2.43 | 2.33 | 2.39 | 2.42 | 2.36 | 2.36 |
| Assigned MDR (Yes/No) : | No | No | No | No | No | No |
| MDR Sample Number : | S/219200 | S/219202 | S/219203 | S/219204 | S/219205 | S/219206 |
| MDR Test Date : | 26/09/2023 | 26/09/2023 | 26/09/2023 | 26/09/2023 | 26/09/2023 | 26/09/2023 |
| Compaction Type : | Standard | Standard | Standard | Standard | Standard | Standard |
| Soil Description : | SP Clayey SAND, Gap Graded, Brown, Moist | SP Clayey SAND, Gap Graded, Brown, Moist | SP Clayey SAND, Gap Graded, Brown, Moist | SP Clayey SAND, Gap Graded, Brown, Moist | SP Clayey SAND, Gap Graded, Brown, Moist | SP Clayey SAND, Gap Graded, Brown, Moist |
| MDR Test Results | | | | | | |
| PCWD (t/m ³) : | 2.20 | 2.19 | 2.15 | 2.16 | 2.19 | 2.19 |
| Moisture Variation : | 1.5% | 2.0% | 1.5% | 2.0% | 2.0% | 2.0% |
| ADJ PCWD (t/m ³) : | 2.23 | 2.22 | 2.19 | 2.20 | 2.22 | 2.22 |
| ADJ Moisture Variation : | 1.5% | 1.5% | 1.5% | 1.5% | 1.5% | 1.5% |
| Moisture Test Results : | | | | | | |
| Field Moisture Content : | 9.0% | 8.5% | 9.0% | 7.5% | 8.5% | 9.0% |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC |
| Variation from OMC : | 1.5% Dry of OMC | 1.5% Dry of OMC | 1.5% Dry of OMC | 1.5% Dry of OMC | 1.5% Dry of OMC | 1.5% Dry of OMC |
| Relative Moisture Ratio (Q250) : | - | - | - | - | - | - |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | N/A |
| Density Test Results | | | | | | |
| Field Wet Density (t/m ³) : | 2.18 | 2.19 | 2.21 | 2.20 | 2.19 | 2.19 |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | 98% |
| Wet Density Ratio : | 98.0% | 99.0% | 100.5% | 100.0% | 99.0% | 99.0% |
| Remarks : | | | | | | |
|  Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208 | APPROVED SIGNATORY  Nick Dobson - Signatory | | | | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|---|---|--|--|--|--|---|
| Client : | Shadforths | | | Report Number : | SR/PTP/12381 - 56/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 6/10/2023 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/219653 | S/219654 | S/219655 | S/219656 | S/219657 | S/219658 |
| Date Tested : | 20/09/2023 | 20/09/2023 | 20/09/2023 | 20/09/2023 | 20/09/2023 | 20/09/2023 |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| For use as : | General Fill | General Fill | General Fill | General Fill | General Fill | General Fill |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b |
| Time : | 09:00 | 09:15 | 09:30 | 10:00 | 10:16 | 10:30 |
| Lot Number : | - | - | - | - | - | - |
| Location 1 : | E 532797 | E 532773 | E 532745 | E 532762 | E 532729 | E 532689 |
| Location 2 : | N 6899009 | N 6808997 | N 6898926 | N 6898995 | N 6899009 | N 6899012 |
| Location 3 : | RL 64.9 | RL 68.85 | RL 77.37 | RL 70.8 | RL 73.16 | RL 75.7 |
| Location 4 : | - | - | - | - | - | - |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm |
| Oversize Wet : | 0% | 0% | 17% | 0% | 0% | 14% |
| Oversize Density - Dry (t/m ³) : | - | - | 2.39 | - | - | 2.39 |
| Assigned MDR (Yes/No) : | No | No | No | No | No | No |
| MDR Sample Number : | S/219653 | S/219654 | S/219655 | S/219656 | S/219657 | S/219658 |
| MDR Test Date : | 26/09/2023 | 26/09/2023 | 3/10/2023 | 3/10/2023 | 3/10/2023 | 3/10/2023 |
| Compaction Type : | Standard | Standard | Standard | Standard | Standard | Standard |
| Soil Description : | CL Gravelly Sandy CLAY, Low Plasticity, Brown, Dry | SW Clayey Gravelly SAND, Well Graded, Brown, Moist | SW Clayey Gravelly SAND, Well Graded, Brown, Moist | CL Gravelly Sandy CLAY, Low Plasticity, Brown, Dry | SW Clayey Gravelly SAND, Well Graded, Brown, Moist | SW Gravelly SAND with Clay, Well Graded, Brown, Moist |
| MDR Test Results | | | | | | |
| PCWD (t/m ³) : | 2.23 | 2.30 | 2.28 | 2.23 | 2.30 | 2.36 |
| Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% |
| ADJ PCWD (t/m ³) : | - | - | 2.30 | - | - | 2.36 |
| ADJ Moisture Variation : | - | - | 2.0% | - | - | 2.0% |
| Moisture Test Results | | | | | | |
| Field Moisture Content : | 8.0% | 8.5% | 7.5% | 9.0% | 8.5% | 8.0% |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC |
| Relative Moisture Ratio (Q250) : | - | - | - | - | - | - |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | N/A |
| Density Test Results | | | | | | |
| Field Wet Density (t/m ³) : | 2.23 | 2.31 | 2.30 | 2.18 | 2.27 | 2.38 |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | 98% |
| Wet Density Ratio : | 100.0% | 100.5% | 100.0% | 98.0% | 98.5% | 101.0% |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | APPROVED SIGNATORY | | |  Nick Dobson - Signatory | | |
| | Document Number : RF1 | | | Date : 4/09/2023 | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|---|--|--|--|---|---------------------|--|
| Client : | Shadforths | | | Report Number : | SR/PTP/12381 - 57/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 6/10/2023 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/220796 | S/220797 | S/220798 | | | |
| Date Tested : | 26/09/2023 | 26/09/2023 | 26/09/2023 | | | |
| Material Source : | Onsite | Onsite | Onsite | | | |
| For use as : | General Fill | General Fill | General Fill | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | |
| Time : | 09:30 | 09:45 | 10:00 | | | |
| Lot Number : | - | - | - | | | |
| Location 1 : | E 532703 | E 532745 | E 532772 | | | |
| Location 2 : | N 6899098 | N 6899079 | N 6899072 | | | |
| Location 3 : | RL 65.7 | RL 63.08 | RL 61.2 | | | |
| Location 4 : | - | - | - | | | |
| Test Fraction (mm) : | < 37.5mm | < 37.5mm | < 19mm | | | |
| Oversize Wet : | 11% | 20% | 20% | | | |
| Oversize Density - Dry (t/m ³) : | 2.32 | 2.49 | 2.37 | | | |
| Assigned MDR (Yes/No) : | No | No | No | | | |
| MDR Sample Number : | S/220796 | S/220797 | S/220798 | | | |
| MDR Test Date : | 3/10/2023 | 3/10/2023 | 3/10/2023 | | | |
| Compaction Type : | Standard | Standard | Standard | | | |
| Soil Description : | CL Sandy Gravelly CLAY, Low Plasticity, Brown, Moist | CL Sandy Gravelly CLAY, Low Plasticity, Brown, Moist | CL Sandy Gravelly CLAY, Low Plasticity, Brown, Moist | | | |
| MDR Test Results | | | | | | |
| PCWD (t/m3) : | 2.22 | 2.16 | 2.19 | | | |
| Moisture Variation : | 2.0% | 2.5% | 2.5% | | | |
| ADJ PCWD (t/m3) : | 2.23 | 2.22 | 2.22 | | | |
| ADJ Moisture Variation : | 2.0% | 2.0% | 2.0% | | | |
| Moisture Test Results | | | | | | |
| Field Moisture Content : | 7.5% | 6.0% | 7.0% | | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | | | |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | | | |
| Relative Moisture Ratio (Q250) : | - | - | - | | | |
| Moisture Ratio : | N/A | N/A | N/A | | | |
| Density Test Results | | | | | | |
| Field Wet Density (t/m3) : | 2.20 | 2.23 | 2.22 | | | |
| Density Specification : | 98% | 98% | 98% | | | |
| Wet Density Ratio : | 99.0% | 100.5% | 100.0% | | | |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | | | | APPROVED SIGNATORY  Nick Dobson - Signatory | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|---|--|---|-----------------|---------------------|--|--|
| Client : | Shadforths | | Report Number : | SR/PTP/12381 - 62/1 | | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | Report Date : | 6/10/2023 | | |
| Project Name : | SkyRidge Development | | Test Request : | - | | |
| Project Number : | PTP/12381 | | Page 1 of 1 | | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/220789 | S/220790 | | | | |
| Date Tested : | 26/09/2023 | 26/09/2023 | | | | |
| Material Source : | Onsite | Onsite | | | | |
| For use as : | General Fill | General Fill | | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | | | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | | |
| Time : | 08:30 | 08:45 | | | | |
| Lot Number : | - | - | | | | |
| Location 1 : | E 532710 | E 532750 | | | | |
| Location 2 : | N 6898907 | N 6898977 | | | | |
| Location 3 : | RL 70.9 | RL 74.8 | | | | |
| Location 4 : | - | - | | | | |
| Test Fraction (mm) : | < 37.5mm | < 37.5mm | | | | |
| Oversize Wet : | 19% | 9% | | | | |
| Oversize Density - Dry (t/m ³) : | 2.49 | 2.33 | | | | |
| Assigned MDR (Yes/No) : | No | No | | | | |
| MDR Sample Number : | S/220789 | S/220790 | | | | |
| MDR Test Date : | 3/10/2023 | 3/10/2023 | | | | |
| Compaction Type : | Standard | Standard | | | | |
| Soil Description : | SW Gravelly SAND trace Silt, Well Graded, Light Brown, Moist | SW Gravelly SAND trace Silt, Well Graded, Light Brown, Moist | | | | |
| MDR Test Results | | | | | | |
| PCWD (t/m ³) : | 2.19 | 2.22 | | | | |
| Moisture Variation : | 2.5% | 2.5% | | | | |
| ADJ PCWD (t/m ³) : | 2.24 | 2.23 | | | | |
| ADJ Moisture Variation : | 2.0% | 2.0% | | | | |
| Moisture Test Results : | | | | | | |
| Field Moisture Content : | 7.5% | 6.5% | | | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | | | | |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | | | | |
| Relative Moisture Ratio (Q250) : | - | - | | | | |
| Moisture Ratio : | N/A | N/A | | | | |
| Density Test Results | | | | | | |
| Field Wet Density (t/m ³) : | 2.24 | 2.25 | | | | |
| Density Specification : | 98% | 98% | | | | |
| Wet Density Ratio : | 100.0% | 101.0% | | | | |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | APPROVED SIGNATORY | | | | | |
| |  Nick Dobson - Signatory | | | | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | | | |
|---|---|--|--|--|--|--|-----------------|---------------------|
| Client : | Shadforths | | | | | | Report Number : | SR/PTP/12381 - 63/1 |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | | | | Report Date : | 6/10/2023 |
| Project Name : | SkyRidge Development | | | | | | Test Request : | - |
| Project Number : | PTP/12381 | | | | | | Page 1 of 2 | |
| Location : | Worongary | | | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | | | |
| Sample Number : | S/221049 | S/221050 | S/221051 | S/221052 | S/221053 | S/221054 | | |
| Date Tested : | 27/09/2023 | 27/09/2023 | 27/09/2023 | 27/09/2023 | 27/09/2023 | 27/09/2023 | | |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite | | |
| For use as : | General Fill | General Fill | General Fill | General Fill | General Fill | General Fill | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | |
| Time : | 08:30 | 08:45 | 09:00 | 09:15 | 09:30 | 09:45 | | |
| Lot Number : | - | - | - | - | - | - | | |
| Location 1 : | E 532724 | E 532720 | E 532742 | E 532753 | E 532778 | E 532786 | | |
| Location 2 : | N 6899148 | N 6899135 | N 6899131 | N 6899108 | N 6899101 | N 6899125 | | |
| Location 3 : | RL 67.17 | RL 64.94 | RL 63.09 | RL 62.17 | RL 60.14 | RL 59.56 | | |
| Location 4 : | - | - | - | - | - | - | | |
| Test Fraction (mm) : | < 37.5mm | < 37.5mm | < 19mm | < 19mm | < 37.5mm | < 19mm | | |
| Oversize Wet : | 7% | 7% | 17% | 20% | 5% | 20% | | |
| Oversize Density - Dry (t/m ³) : | 2.53 | 2.55 | 2.47 | 2.54 | 2.45 | 2.32 | | |
| Assigned MDR (Yes/No) : | No | No | No | No | No | No | | |
| MDR Sample Number : | S/221049 | S/221050 | S/221051 | S/221052 | S/221053 | S/221054 | | |
| MDR Test Date : | 4/10/2023 | 4/10/2023 | 4/10/2023 | 4/10/2023 | 4/10/2023 | 4/10/2023 | | |
| Compaction Type : | Standard | Standard | Standard | Standard | Standard | Standard | | |
| Soil Description : | SW Gravelly SAND trace Clay, Well Graded, Brown, Moist | SW Gravelly SAND trace Clay, Well Graded, Brown, Moist | SW Gravelly SAND trace Clay, Well Graded, Brown, Moist | SW Gravelly SAND trace Clay, Well Graded, Brown, Moist | SW Gravelly SAND trace Clay, Well Graded, Brown, Moist | SW Gravelly SAND trace Clay, Well Graded, Brown, Moist | | |
| MDR Test Results | | | | | | | | |
| PCWD (t/m ³) : | 2.26 | 2.26 | 2.25 | 2.23 | 2.27 | 2.27 | | |
| Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.5% | 2.0% | 2.0% | | |
| ADJ PCWD (t/m ³) : | 2.27 | 2.28 | 2.29 | 2.28 | 2.27 | 2.28 | | |
| ADJ Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | | |
| Moisture Test Results : | | | | | | | | |
| Field Moisture Content : | 7.5% | 8.0% | 7.5% | 7.0% | 7.0% | 7.0% | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | | |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | | |
| Relative Moisture Ratio (Q250) : | - | - | - | - | - | - | | |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | N/A | | |
| Density Test Results | | | | | | | | |
| Field Wet Density (t/m ³) : | 2.28 | 2.27 | 2.24 | 2.24 | 2.29 | 2.28 | | |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | 98% | | |
| Wet Density Ratio : | 100.0% | 99.5% | 98.0% | 98.0% | 100.5% | 100.0% | | |
| Remarks : | | | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | APPROVED SIGNATORY  Nick Dobson - Signatory | | | | | | | |
| | Document Number : | RF1 | | | | | | Date : |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|---|---|--|--|-----------------|---------------------|--|
| Client : | Shadforths | | | Report Number : | SR/PTP/12381 - 63/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 6/10/2023 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 2 of 2 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/221055 | S/221056 | S/221057 | | | |
| Date Tested : | 27/09/2023 | 27/09/2023 | 27/09/2023 | | | |
| Material Source : | Onsite | Onsite | Onsite | | | |
| For use as : | General Fill | General Fill | General Fill | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | |
| Time : | 10:00 | 10:15 | 10:30 | | | |
| Lot Number : | - | - | - | | | |
| Location 1 : | E 532739 | E 532784 | E 532776 | | | |
| Location 2 : | N 6899079 | N 6899067 | N 6899078 | | | |
| Location 3 : | RL 62.93 | RL 62.93 | RL 62.93 | | | |
| Location 4 : | - | - | - | | | |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | | | |
| Oversize Wet : | 19% | 15% | 18% | | | |
| Oversize Density - Dry (t/m ³) : | 2.46 | 2.56 | 2.58 | | | |
| Assigned MDR (Yes/No) : | No | No | No | | | |
| MDR Sample Number : | S/221055 | S/221056 | S/221057 | | | |
| MDR Test Date : | 4/10/2023 | 4/10/2023 | 4/10/2023 | | | |
| Compaction Type : | Standard | Standard | Standard | | | |
| Soil Description : | SW Gravelly SAND trace Clay, Well Graded, Brown, Moist | SW Gravelly SAND trace Clay, Well Graded, Brown, Moist | SW Gravelly SAND trace Clay, Well Graded, Brown, Moist | | | |
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.16 | 2.16 | 2.16 | | | |
| Moisture Variation : | 2.5% | 2.5% | 2.5% | | | |
| ADJ PCWD (t/m ³) : | 2.21 | 2.21 | 2.22 | | | |
| ADJ Moisture Variation : | 2.0% | 2.0% | 2.0% | | | |
| <i>Moisture Test Results :</i> | | | | | | |
| Field Moisture Content : | 7.0% | 4.5% | 3.5% | | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | | | |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | | | |
| Relative Moisture Ratio (Q250) : | - | - | - | | | |
| Moisture Ratio : | N/A | N/A | N/A | | | |
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.21 | 2.21 | 2.26 | | | |
| Density Specification : | 98% | 98% | 98% | | | |
| Wet Density Ratio : | 100.0% | 100.0% | 102.0% | | | |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | APPROVED SIGNATORY  Nick Dobson - Signatory | | | | | |
| | Document Number : | RF1 | | | | |
| | | | Date : 4/09/2023 | | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | | |
|---|--|---|--|--|--|---------------------|--|
| Client : | Shadforth | | | | Report Number : | SR/PTP/12381 - 64/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | | Report Date : | 13/10/2023 | |
| Project Name : | SkyRidge Development | | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | | |
| Sample Number : | S/221882 | S/221883 | S/221884 | S/221885 | | | |
| Date Tested : | 3/10/2023 | 3/10/2023 | 3/10/2023 | 3/10/2023 | | | |
| Material Source : | Onsite | Onsite | Onsite | Onsite | | | |
| For use as : | General Fill | General Fill | General Fill | General Fill | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | |
| Time : | 10:30 | 10:45 | 11:00 | 11:15 | | | |
| Lot Number : | - | - | - | - | | | |
| Location 1 : | E 532696 | E 532735 | E 532743 | E 532728 | | | |
| Location 2 : | N 6898995 | N 6898919 | N 6898953 | N 6898961 | | | |
| Location 3 : | RL 78.25 | RL 77.9 | RL 76.5 | RL 75.51 | | | |
| Location 4 : | - | - | - | - | | | |
| Test Fraction (mm) : | < 37.5mm | < 37.5mm | < 37.5mm | < 37.5mm | | | |
| Oversize Wet : | 10% | 10% | 10% | 7% | | | |
| Oversize Density - Dry (t/m ³) : | 2.22 | 2.28 | 2.47 | 2.42 | | | |
| Assigned MDR (Yes/No) : | No | No | No | No | | | |
| MDR Sample Number : | S/221882 | S/221883 | S/221884 | S/221885 | | | |
| MDR Test Date : | 12/10/2023 | 12/10/2023 | 10/10/2023 | 10/10/2023 | | | |
| Compaction Type : | Standard | Standard | Standard | Standard | | | |
| Soil Description : | CL Sandy Gravelly CLAY, Low Plasticity, Grey, Dry | CL Sandy Gravelly CLAY, Low Plasticity, Grey, Dry | GW Sandy GRAVEL trace Silt, Well Graded, Grey, Dry | GW Sandy GRAVEL trace Silt, Well Graded, Grey, Dry | | | |
| MDR Test Results | | | | | | | |
| PCWD (t/m ³) : | 2.23 | 2.23 | 2.28 | 2.28 | | | |
| Moisture Variation : | 2.0% | 2.0% | 2.5% | 2.5% | | | |
| ADJ PCWD (t/m ³) : | 2.23 | 2.24 | 2.30 | 2.29 | | | |
| ADJ Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | | | |
| Moisture Test Results : | | | | | | | |
| Field Moisture Content : | 8.0% | 8.0% | 8.0% | 9.0% | | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | | | |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | | | |
| Relative Moisture Ratio (Q250) : | - | - | - | - | | | |
| Moisture Ratio : | N/A | N/A | N/A | N/A | | | |
| Density Test Results | | | | | | | |
| Field Wet Density (t/m ³) : | 2.23 | 2.22 | 2.28 | 2.30 | | | |
| Density Specification : | 98% | 98% | 98% | 98% | | | |
| Wet Density Ratio : | 100.0% | 99.0% | 99.5% | 100.0% | | | |
| Remarks : | | | | | | | |
|  | Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208 | | | | APPROVED SIGNATORY  Nick Dobson - Signatory | | |
| | Document Number: RP1 | | | | Date: 4/09/2023 | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | | |
|---|---|--|--|--|-----------------|---------------------|--|
| Client : | Shadforth | | | | Report Number : | SR/PTP/12381 - 74/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | | Report Date : | 19/10/2023 | |
| Project Name : | SkyRidge Development | | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | | |
| Sample Number : | S/222239 | S/222240 | S/222241 | S/222242 | | | |
| Date Tested : | 5/10/2023 | 5/10/2023 | 5/10/2023 | 5/10/2023 | | | |
| Material Source : | Onsite | Onsite | Onsite | Onsite | | | |
| For use as : | General Fill | General Fill | General Fill | General Fill | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | |
| Time : | 10:15 | 10:30 | 10:45 | 11:00 | | | |
| Lot Number : | - | - | - | - | | | |
| Location 1 : | E 532724 | E 532767 | E 532810 | E 532746 | | | |
| Location 2 : | N 6899095 | N 6899089 | N 6899073 | N 6899075 | | | |
| Location 3 : | RL 63.97 | RL 61.13 | RL 60.46 | RL 63.2 | | | |
| Location 4 : | - | - | - | - | | | |
| Test Fraction (mm) : | < 37.5mm | < 37.5mm | < 37.5mm | < 37.5mm | | | |
| Oversize Wet : | 15% | 18% | 20% | 8% | | | |
| Oversize Density - Dry (t/m ³) : | 2.27 | 2.26 | 2.26 | 2.12 | | | |
| Assigned MDR (Yes/No) : | No | No | No | No | | | |
| MDR Sample Number : | S/222239 | S/222240 | S/222241 | S/222242 | | | |
| MDR Test Date : | 17/10/2023 | 17/10/2023 | 17/10/2023 | 17/10/2023 | | | |
| Compaction Type : | Standard | Standard | Standard | Standard | | | |
| Soil Description : | SW Gravelly SAND trace Silt, Well Graded, Light Brown, Dry | SW Gravelly SAND trace Silt, Well Graded, Light Brown, Dry | SW Gravelly SAND trace Silt, Well Graded, Light Brown, Dry | SW Gravelly SAND trace Silt, Well Graded, Light Brown, Dry | | | |
| <i>MDR Test Results</i> | | | | | | | |
| PCWD (t/m ³) : | 2.11 | 2.10 | 2.09 | 2.12 | | | |
| Moisture Variation : | 2.0% | 2.5% | 2.0% | 2.0% | | | |
| ADJ PCWD (t/m ³) : | 2.13 | 2.12 | 2.12 | 2.12 | | | |
| ADI Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | | | |
| <i>Moisture Test Results</i> | | | | | | | |
| Field Moisture Content : | 8.5% | 9.0% | 8.5% | 10.0% | | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | | | |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | | | |
| Relative Moisture Ratio (Q250) : | - | - | - | - | | | |
| Moisture Ratio : | N/A | N/A | N/A | N/A | | | |
| <i>Density Test Results</i> | | | | | | | |
| Field Wet Density (t/m ³) : | 2.14 | 2.14 | 2.15 | 2.14 | | | |
| Density Specification : | 98% | 98% | 98% | 98% | | | |
| Wet Density Ratio : | 100.5% | 100.5% | 101.5% | 101.0% | | | |
| Remarks : | | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast</p> <p>Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | APPROVED SIGNATORY  Nick Dobson - Signatory | | | | | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | | |
|--|--|--|--|--|-----------------|---------------------|--|
| Client : | Shadforth | | | | Report Number : | SR/PTP/12381 - 75/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | | Report Date : | 19/10/2023 | |
| Project Name : | SkyRidge Development | | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | | |
| Sample Number : | S/222543 | S/222544 | S/222545 | S/222546 | | | |
| Date Tested : | 6/10/2023 | 6/10/2023 | 6/10/2023 | 6/10/2023 | | | |
| Material Source : | Onsite | Onsite | Onsite | Onsite | | | |
| For use as : | General Fill | General Fill | General Fill | General Fill | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | |
| Time : | 10:00 | 10:15 | 10:30 | 10:45 | | | |
| Lot Number : | - | - | - | - | | | |
| Location 1 : | E 532914 | E 532875 | E 532825 | E 532823 | | | |
| Location 2 : | N 6899293 | N 6899296 | N 6899214 | N 6899181 | | | |
| Location 3 : | RL 50.1 | RL 50.8 | RL 51.0 | RL 51.4 | | | |
| Location 4 : | - | - | - | - | | | |
| Test Fraction (mm) : | < 37.5mm | < 37.5mm | < 37.5mm | < 37.5mm | | | |
| Oversize Wet : | 9% | 9% | 8% | 9% | | | |
| Oversize Density - Dry (t/m ³) : | 2.27 | 2.33 | 2.25 | 2.21 | | | |
| Assigned MDR (Yes/No) : | No | No | No | No | | | |
| MDR Sample Number : | S/222543 | S/222544 | S/222545 | S/222546 | | | |
| MDR Test Date : | 17/10/2023 | 17/10/2023 | 17/10/2023 | 17/10/2023 | | | |
| Compaction Type : | Standard | Standard | Standard | Standard | | | |
| Soil Description : | SW Gravelly SAND trace Silt, Well Graded, Brown, Dry | | | |
| MDR Test Results | | | | | | | |
| PCWD (t/m ³) : | 2.20 | 2.20 | 2.20 | 2.23 | | | |
| Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | | | |
| ADJ PCWD (t/m ³) : | 2.20 | 2.21 | 2.20 | 2.23 | | | |
| ADJ Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | | | |
| Moisture Test Results : | | | | | | | |
| Field Moisture Content : | 8.0% | 9.0% | 10.5% | 9.5% | | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | | | |
| Variation from OMC : | 2.0% Dry of OMC | | | |
| Relative Moisture Ratio (Q250) : | - | - | - | - | | | |
| Moisture Ratio : | N/A | N/A | N/A | N/A | | | |
| Density Test Results | | | | | | | |
| Field Wet Density (t/m ³) : | 2.25 | 2.20 | 2.23 | 2.20 | | | |
| Density Specification : | 98% | 98% | 98% | 98% | | | |
| Wet Density Ratio : | 102.0% | 99.0% | 101.0% | 99.0% | | | |
| Remarks : | | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | | | | <p>APPROVED SIGNATORY</p>  <p>Nick Dobson - Signatory</p> | | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|---|---|--|--|--|---------------------|--|
| Client : | Shadforths | | | Report Number : | SR/PTP/12381 - 79/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 19/10/2023 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/222551 | S/222552 | S/222553 | | | |
| Date Tested : | 6/10/2023 | 6/10/2023 | 6/10/2023 | | | |
| Material Source : | Onsite | Onsite | Onsite | | | |
| For use as : | General Fill | General Fill | General Fill | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | |
| Time : | 11:00 | 11:15 | 11:30 | | | |
| Lot Number : | - | - | - | | | |
| Location 1 : | E 532747 | E 532725 | E 532712 | | | |
| Location 2 : | N 6898933 | N 6898908 | N 6898899 | | | |
| Location 3 : | RL 82.6 | RL 81.5 | RL 80.8 | | | |
| Location 4 : | - | - | - | | | |
| Test Fraction (mm) : | < 37.5mm | < 37.5mm | < 37.5mm | | | |
| Oversize Wet : | 7% | 12% | 9% | | | |
| Oversize Density - Dry (t/m ³) : | 2.26 | 2.33 | 2.45 | | | |
| Assigned MDR (Yes/No) : | No | No | No | | | |
| MDR Sample Number : | S/222551 | S/222552 | S/222553 | | | |
| MDR Test Date : | 17/10/2023 | 17/10/2023 | 17/10/2023 | | | |
| Compaction Type : | Standard | Standard | Standard | | | |
| Soil Description : | SW Gravelly SAND trace Clay, Well Graded, Brown, Moist | SW Gravelly SAND trace Clay, Well Graded, Brown, Moist | SW Gravelly SAND trace Clay, Well Graded, Brown, Moist | | | |
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m3) : | 2.24 | 2.23 | 2.22 | | | |
| Moisture Variation : | 2.5% | 2.5% | 2.5% | | | |
| ADJ PCWD (t/m3) : | 2.24 | 2.24 | 2.24 | | | |
| ADI Moisture Variation : | 2.0% | 2.0% | 2.0% | | | |
| <i>Moisture Test Results :</i> | | | | | | |
| Field Moisture Content : | 10.5% | 9.5% | 11.0% | | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | | | |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | | | |
| Relative Moisture Ratio (Q250) : | - | - | - | | | |
| Moisture Ratio : | N/A | N/A | N/A | | | |
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m3) : | 2.22 | 2.21 | 2.22 | | | |
| Density Specification : | 98% | 98% | 98% | | | |
| Wet Density Ratio : | 99.0% | 98.5% | 99.0% | | | |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | APPROVED SIGNATORY | | | | | |
| | | | |  Nick Dobson - Signatory | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | | |
|---|---|--|--|--|-----------------|---------------------|--|
| Client : | Shadforths | | | | Report Number : | SR/PTP/12381 - 80/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | | Report Date : | 19/10/2023 | |
| Project Name : | SkyRidge Development | | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | | |
| Sample Number : | S/223068 | S/223069 | S/223070 | S/223071 | | | |
| Date Tested : | 10/10/2023 | 10/10/2023 | 10/10/2023 | 10/10/2023 | | | |
| Material Source : | Onsite | Onsite | Onsite | Onsite | | | |
| For use as : | General Fill | General Fill | General Fill | General Fill | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | |
| Time : | 10:15 | 10:30 | 10:45 | 11:00 | | | |
| Lot Number : | - | - | - | - | | | |
| Location 1 : | E 532689 | E 532706 | E 532718 | E 532733 | | | |
| Location 2 : | N 6898883 | N 6898903 | N 6898902 | N 6898914 | | | |
| Location 3 : | RL 84.9 | RL 80.5 | RL 79.6 | RL 76.4 | | | |
| Location 4 : | - | - | - | - | | | |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | < 19mm | | | |
| Oversize Wet : | 15% | 15% | 11% | 16% | | | |
| Oversize Density - Dry (t/m ³) : | 2.16 | 2.28 | 2.23 | 1.66 | | | |
| Assigned MDR (Yes/No) : | No | No | No | No | | | |
| MDR Sample Number : | S/223068 | S/223069 | S/223070 | S/223071 | | | |
| MDR Test Date : | 18/10/2023 | 18/10/2023 | 18/10/2023 | 18/10/2023 | | | |
| Compaction Type : | Standard | Standard | Standard | Standard | | | |
| Soil Description : | SW Gravelly SAND trace Clay, Well Graded, Brown, Moist | SW Gravelly SAND trace Clay, Well Graded, Brown, Moist | SW Clayey Gravelly SAND, Well Graded, Light Brown, Moist | SW Gravelly SAND trace Clay, Well Graded, Brown, Moist | | | |
| MDR Test Results | | | | | | | |
| PCWD (t/m ³) : | 2.18 | 2.17 | 2.27 | 2.32 | | | |
| Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.5% | | | |
| ADJ PCWD (t/m ³) : | 2.17 | 2.18 | 2.26 | 2.19 | | | |
| ADJ Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | | | |
| Moisture Test Results : | | | | | | | |
| Field Moisture Content : | #N/A | #N/A | #N/A | #N/A | | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | | | |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | | | |
| Relative Moisture Ratio (Q250) : | - | - | - | - | | | |
| Moisture Ratio : | N/A | N/A | N/A | N/A | | | |
| Density Test Results | | | | | | | |
| Field Wet Density (t/m ³) : | 2.19 | 2.16 | 2.27 | 2.15 | | | |
| Density Specification : | 98% | 98% | 98% | 98% | | | |
| Wet Density Ratio : | 100.5% | 99.0% | 100.0% | 98.0% | | | |
| Remarks : | | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | APPROVED SIGNATORY | | | | | | |
| | | | |  Nick Dobson - Signatory | | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | | |
|---|---|--|--|---|-----------------|---------------------|--|
| Client : | Shadforths | | | | Report Number : | SR/PTP/12381 - 81/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | | Report Date : | 20/10/2023 | |
| Project Name : | SkyRidge Development | | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | | |
| Sample Number : | S/222828 | S/222829 | S/222830 | S/222831 | | | |
| Date Tested : | 9/10/2023 | 9/10/2023 | 9/10/2023 | 9/10/2023 | | | |
| Material Source : | Onsite | Onsite | Onsite | Onsite | | | |
| For use as : | General Fill | General Fill | General Fill | General Fill | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | |
| Time : | 10:30 | 10:45 | 11:00 | 11:15 | | | |
| Lot Number : | - | - | - | - | | | |
| Location 1 : | E 532836 | E 532826 | E 532819 | E 532826 | | | |
| Location 2 : | N 6899231 | N 6899206 | N 6899196 | N 6899173 | | | |
| Location 3 : | RL 65.9 | RL 56.12 | RL 55.75 | RL 53.12 | | | |
| Location 4 : | - | - | - | - | | | |
| Test Fraction (mm) : | < 37.5mm | < 37.5mm | < 19mm | < 19mm | | | |
| Oversize Wet : | 6% | 9% | 19% | 18% | | | |
| Oversize Density - Dry (t/m ³) : | 2.33 | 2.32 | 2.36 | 2.36 | | | |
| Assigned MDR (Yes/No) : | No | No | No | No | | | |
| MDR Sample Number : | S/222828 | S/222829 | S/222830 | S/222831 | | | |
| MDR Test Date : | 19/10/2023 | 19/10/2023 | 19/10/2023 | 19/10/2023 | | | |
| Compaction Type : | Standard | Standard | Standard | Standard | | | |
| Soil Description : | CL Sandy Gravelly CLAY, Low Plasticity, Brown, Moist | CL Sandy Gravelly CLAY, Low Plasticity, Brown, Moist | CL Sandy Gravelly CLAY, Low Plasticity, Brown, Moist | CL Sandy Gravelly CLAY, Low Plasticity, Brown, Moist | | | |
| MDR Test Results | | | | | | | |
| PCWD (t/m3) : | 2.24 | 2.22 | 2.23 | 2.20 | | | |
| Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | | | |
| ADJ PCWD (t/m3) : | 2.24 | 2.23 | 2.26 | 2.23 | | | |
| ADJ Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | | | |
| Moisture Test Results | | | | | | | |
| Field Moisture Content : | 7.5% | 7.5% | 8.5% | 8.5% | | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | | | |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | | | |
| Relative Moisture Ratio (Q250) : | - | - | - | - | | | |
| Moisture Ratio : | N/A | N/A | N/A | N/A | | | |
| Density Test Results | | | | | | | |
| Field Wet Density (t/m3) : | 2.24 | 2.24 | 2.22 | 2.27 | | | |
| Density Specification : | 98% | 98% | 98% | 98% | | | |
| Wet Density Ratio : | 100.0% | 100.0% | 98.5% | 102.0% | | | |
| Remarks : | | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | | | | APPROVED SIGNATORY  Nick Dobson - Signatory | | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | | |
|---|---|--|--|--|-----------------|---------------------|--|
| Client : | Shadforths | | | | Report Number : | SR/PTP/12381 - 82/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | | Report Date : | 20/10/2023 | |
| Project Name : | SkyRidge Development | | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | | |
| Sample Number : | S/223315 | S/223317 | S/223318 | S/223319 | | | |
| Date Tested : | 11/10/2023 | 11/10/2023 | 11/10/2023 | 11/10/2023 | | | |
| Material Source : | Onsite | Onsite | Onsite | Onsite | | | |
| For use as : | General Fill | General Fill | General Fill | General Fill | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | |
| Time : | 11:00 | 11:15 | 11:00 | 11:45 | | | |
| Lot Number : | - | - | - | - | | | |
| Location 1 : | E 532669 | E 532683 | E 532710 | E 532715 | | | |
| Location 2 : | N 6898874 | N 6898878 | N 6898896 | N 6898908 | | | |
| Location 3 : | RL 88.0 | RL 82.7 | RL 82.5 | RL 82.4 | | | |
| Location 4 : | - | - | - | - | | | |
| Test Fraction (mm) : | < 37.5mm | < 37.5mm | < 37.5mm | < 37.5mm | | | |
| Oversize Wet : | 5% | 6% | 2% | 4% | | | |
| Oversize Density - Dry (t/m ³) : | 2.33 | 2.37 | 2.36 | 2.33 | | | |
| Assigned MDR (Yes/No) : | No | No | No | No | | | |
| MDR Sample Number : | S/223315 | S/223317 | S/223318 | S/223319 | | | |
| MDR Test Date : | 19/10/2023 | 19/10/2023 | 19/10/2023 | 19/10/2023 | | | |
| Compaction Type : | Standard | Standard | Standard | Standard | | | |
| Soil Description : | CL Sandy Gravelly CLAY, Low Plasticity, Brown, Moist | CL Sandy Gravelly CLAY, Low Plasticity, Brown, Moist | CL Sandy Gravelly CLAY, Low Plasticity, Brown, Moist | CL Sandy Gravelly CLAY, Low Plasticity, Brown, Moist | | | |
| <i>MDR Test Results</i> | | | | | | | |
| PCWD (t/m ³) : | 2.27 | 2.26 | 2.27 | 2.26 | | | |
| Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | | | |
| ADJ PCWD (t/m ³) : | 2.27 | 2.27 | 2.28 | 2.26 | | | |
| ADI Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | | | |
| <i>Moisture Test Results :</i> | | | | | | | |
| Field Moisture Content : | 9.0% | 7.5% | 8.5% | 8.5% | | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | | | |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | | | |
| Relative Moisture Ratio (Q250) : | - | - | - | - | | | |
| Moisture Ratio : | N/A | N/A | N/A | N/A | | | |
| <i>Density Test Results</i> | | | | | | | |
| Field Wet Density (t/m ³) : | 2.28 | 2.27 | 2.26 | 2.27 | | | |
| Density Specification : | 98% | 98% | 98% | 98% | | | |
| Wet Density Ratio : | 100.5% | 100.0% | 99.5% | 100.0% | | | |
| Remarks : | | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | APPROVED SIGNATORY | | | | | | |
| | | | |  Nick Dobson - Signatory | | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | | |
|---|--|--|--|--|-----------------|---------------------|--|
| Client : | Shadforths | | | | Report Number : | SR/PTP/12381 - 83/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | | Report Date : | 23/10/2023 | |
| Project Name : | SkyRidge Development | | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | | |
| Sample Number : | S/223073 | S/223074 | S/223075 | S/223076 | | | |
| Date Tested : | 10/10/2023 | 10/10/2023 | 10/10/2023 | 10/10/2023 | | | |
| Material Source : | Onsite | Onsite | Onsite | Onsite | | | |
| For use as : | General Fill | General Fill | General Fill | General Fill | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | |
| Time : | 10:30 | 10:45 | 11:00 | 11:15 | | | |
| Lot Number : | - | - | - | - | | | |
| Location 1 : | E 532817 | E 532844 | E 532833 | E 532854 | | | |
| Location 2 : | N 6899188 | N 6899241 | N 6899224 | N 6899253 | | | |
| Location 3 : | RL 50.0 | RL 50.0 | RL 50.0 | RL 50.0 | | | |
| Location 4 : | - | - | - | - | | | |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | < 19mm | | | |
| Oversize Wet : | 10% | 14% | 18% | 12% | | | |
| Oversize Density - Dry (t/m ³) : | 2.24 | 2.24 | 2.13 | 2.31 | | | |
| Assigned MDR (Yes/No) : | No | No | No | No | | | |
| MDR Sample Number : | S/223073 | S/223074 | S/223075 | S/223076 | | | |
| MDR Test Date : | 20/10/2023 | 20/10/2023 | 20/10/2023 | 20/10/2023 | | | |
| Compaction Type : | Standard | Standard | Standard | Standard | | | |
| Soil Description : | CL Gravelly Sandy CLAY, Low Plasticity, Light Brown, Moist | CL Gravelly Sandy CLAY, Low Plasticity, Light Brown, Moist | CL Gravelly CLAY with Sand, Low Plasticity, Brown, Moist | CL Gravelly Sandy CLAY, Low Plasticity, Light Brown, Moist | | | |
| MDR Test Results | | | | | | | |
| PCWD (t/m ³) : | 2.14 | 2.14 | 2.11 | 2.13 | | | |
| Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | | | |
| ADI PCWD (t/m ³) : | 2.15 | 2.15 | 2.12 | 2.15 | | | |
| ADI Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | | | |
| Moisture Test Results : | | | | | | | |
| Field Moisture Content : | 8.5% | 9.0% | 8.0% | 9.0% | | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | | | |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | | | |
| Relative Moisture Ratio (Q250) : | - | - | - | - | | | |
| Moisture Ratio : | N/A | N/A | N/A | N/A | | | |
| Density Test Results | | | | | | | |
| Field Wet Density (t/m ³) : | 2.15 | 2.15 | 2.10 | 2.19 | | | |
| Density Specification : | 98% | 98% | 98% | 98% | | | |
| Wet Density Ratio : | 100.0% | 100.0% | 99.5% | 102.0% | | | |
| Remarks : | | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | APPROVED SIGNATORY | | | | | | |
| | | | |  Nick Dobson - Signatory | | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | | |
|---|---|--|--|--|-----------------|---------------------|-----------|
| Client : | Shadforth | | | | Report Number : | SR/PTP/12381 - 84/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | | Report Date : | 24/10/2023 | |
| Project Name : | SkyRidge Development | | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | | |
| Sample Number : | S/222836 | S/222837 | S/222838 | S/222839 | | | |
| Date Tested : | 9/10/2023 | 9/10/2023 | 9/10/2023 | 9/10/2023 | | | |
| Material Source : | Onsite | Onsite | Onsite | Onsite | | | |
| For use as : | General Fill | General Fill | General Fill | General Fill | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | |
| Time : | 11:30 | 11:45 | 12:00 | 12:15 | | | |
| Lot Number : | - | - | - | - | | | |
| Location 1 : | E 532679 | E 532701 | E 532722 | E 532695 | | | |
| Location 2 : | N 6898883 | N 6898892 | N 6898904 | N 6898888 | | | |
| Location 3 : | RL 88.90 | RL 85.51 | RL 81.07 | RL 86.89 | | | |
| Location 4 : | - | - | - | - | | | |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | < 19mm | | | |
| Oversize Wet : | 8% | 8% | 11% | 14% | | | |
| Oversize Density - Dry (t/m ³) : | 2.36 | 2.20 | 2.12 | 2.31 | | | |
| Assigned MDR (Yes/No) : | No | No | No | No | | | |
| MDR Sample Number : | S/222836 | S/222837 | S/222838 | S/222839 | | | |
| MDR Test Date : | 23/10/2023 | 23/10/2023 | 23/10/2023 | 23/10/2023 | | | |
| Compaction Type : | Standard | Standard | Standard | Standard | | | |
| Soil Description : | SW Gravelly SAND trace Clay, Well Graded, Brown, Moist | SW Gravelly SAND trace Clay, Well Graded, Brown, Moist | SW Gravelly SAND trace Clay, Well Graded, Brown, Moist | SW Gravelly SAND trace Clay, Well Graded, Brown, Moist | | | |
| MDR Test Results | | | | | | | |
| PCWD (t/m ³) : | 2.22 | 2.21 | 2.25 | 2.23 | | | |
| Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | | | |
| ADJ PCWD (t/m ³) : | 2.23 | 2.21 | 2.23 | 2.24 | | | |
| ADJ Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | | | |
| Moisture Test Results : | | | | | | | |
| Field Moisture Content : | 8.5% | 9.0% | 8.0% | 8.5% | | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | | | |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | | | |
| Relative Moisture Ratio (Q250) : | - | - | - | - | | | |
| Moisture Ratio : | N/A | N/A | N/A | N/A | | | |
| Density Test Results | | | | | | | |
| Field Wet Density (t/m ³) : | 2.21 | 2.22 | 2.20 | 2.20 | | | |
| Density Specification : | 98% | 98% | 98% | 98% | | | |
| Wet Density Ratio : | 99.0% | 100.5% | 98.5% | 98.5% | | | |
| Remarks : | | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | APPROVED SIGNATORY  Nick Dobson - Signatory | | | | | | |
| | Document Number : | RF1 | | | | Date : | 4/09/2023 |

Soil Compaction and Density Tests Report - Compaction Control

| | | | |
|------------------|--|-----------------|---------------------|
| Client : | Shadforth | Report Number : | SR/PTP/12381 - 85/1 |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | Report Date : | 25/10/2023 |
| Project Name : | SkyRidge Development | Test Request : | - |
| Project Number : | PTP/12381 | Page 1 of 1 | |
| Location : | Worongary | | |

| | | | |
|----------------|---|--|--|
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | |
|----------------|---|--|--|

| | | | | | | |
|-----------------------|--------------|--------------|--------------|--|--|--|
| Sample Number : | S/221886 | S/221887 | S/221888 | | | |
| Date Tested : | 3/10/2023 | 3/10/2023 | 3/10/2023 | | | |
| Material Source : | Onsite | Onsite | Onsite | | | |
| For use as : | General Fill | General Fill | General Fill | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | | | |

| | | | | | | |
|-------------------|-----------------------|-----------------------|-----------------------|--|--|--|
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | |
| Time : | 09:00 | 09:15 | 09:30 | | | |
| Lot Number : | - | - | - | | | |
| Location 1 : | E 532761 | E 532791 | E 532761 | | | |
| Location 2 : | N 6899107 | N 6899102 | N 6899140 | | | |
| Location 3 : | RL 61.7 | RL 61.7 | RL 62.7 | | | |
| Location 4 : | - | - | - | | | |

| | | | | | | |
|---------------------------------|---|---|---|--|--|--|
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | | | |
| Oversize Wet : | 0% | 0% | 0% | | | |
| Oversize Density - Dry (t/m³) : | - | - | - | | | |
| Assigned MDR (Yes/No) : | No | No | No | | | |
| MDR Sample Number : | S/221886 | S/221887 | S/221888 | | | |
| MDR Test Date : | 24/10/2023 | 24/10/2023 | 24/10/2023 | | | |
| Compaction Type : | Standard | Standard | Standard | | | |
| Soil Description : | CL, Sandy Gravelly CLAY, Low Plasticity, Brown, Moist | CL Sandy CLAY with Gravel, Low Plasticity, Light Brown, Moist | CL Sandy CLAY with Gravel, Low Plasticity, Light Brown, Moist | | | |

| | | | | | | |
|--------------------------|------|------|------|--|--|--|
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m3) : | 2.36 | 2.32 | 2.31 | | | |
| Moisture Variation : | 2.0% | 2.0% | 2.0% | | | |
| ADJ PCWD (t/m3) : | - | - | - | | | |
| ADJ Moisture Variation : | - | - | - | | | |

| | | | | | | |
|----------------------------------|------------------------|------------------------|------------------------|--|--|--|
| <i>Moisture Test Results :</i> | | | | | | |
| Field Moisture Content : | 5.5% | 5.0% | 6.0% | | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | | | |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | | | |
| Relative Moisture Ratio (Q250) : | - | - | - | | | |
| Moisture Ratio : | N/A | N/A | N/A | | | |

| | | | | | | |
|-----------------------------|---------------|--------------|--------------|--|--|--|
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m3) : | 2.36 | 2.28 | 2.29 | | | |
| Density Specification : | 98% | 98% | 98% | | | |
| Wet Density Ratio : | 100.0% | 98.5% | 99.0% | | | |

| | | | | | | |
|-----------|--|--|--|--|--|--|
| Remarks : | | | | | | |
|-----------|--|--|--|--|--|--|

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|--|---|
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast</p> <p>Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | <p>APPROVED SIGNATORY</p>  <p>Nick Dobson - Signatory</p> |
|--|---|

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | | |
|---|---|---|---|--|-----------------|---------------------|--|
| Client : | Shadforth | | | | Report Number : | SR/PTP/12381 - 87/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | | Report Date : | 25/10/2023 | |
| Project Name : | SkyRidge Development | | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | | |
| Sample Number : | S/223325 | S/223326 | S/223327 | S/223328 | | | |
| Date Tested : | 11/10/2023 | 11/10/2023 | 11/10/2023 | 11/10/2023 | | | |
| Material Source : | Onsite | Onsite | Onsite | Onsite | | | |
| For use as : | General Fill | General Fill | General Fill | General Fill | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | |
| Time : | 07:15 | 07:30 | 07:45 | 08:00 | | | |
| Lot Number : | - | - | - | - | | | |
| Location 1 : | E 532903 | E 532886 | E 532868 | E 532853 | | | |
| Location 2 : | N 6899286 | N 6899286 | N 6899264 | N 6899249 | | | |
| Location 3 : | RL 51.0 | RL 51.01 | RL 50.01 | RL 50.01 | | | |
| Location 4 : | - | - | - | - | | | |
| Test Fraction (mm) : | < 37.5mm | < 19mm | < 37.5mm | < 37.5mm | | | |
| Oversize Wet : | 10% | 18% | 19% | 8% | | | |
| Oversize Density - Dry (t/m ³) : | 2.38 | 2.21 | 2.38 | 2.30 | | | |
| Assigned MDR (Yes/No) : | No | No | No | No | | | |
| MDR Sample Number : | S/223325 | S/223326 | S/223327 | S/223328 | | | |
| MDR Test Date : | 19/10/2023 | 19/10/2023 | 19/10/2023 | 19/10/2023 | | | |
| Compaction Type : | Standard | Standard | Standard | Standard | | | |
| Soil Description : | CL Sandy Gravelly CLAY Low Plasticity, Light Brown, Moist | | | |
| <i>MDR Test Results</i> | | | | | | | |
| PCWD (t/m ³) : | 2.16 | 2.14 | 2.12 | 2.14 | | | |
| Moisture Variation : | 2.0% | 2.5% | 2.0% | 2.0% | | | |
| ADJ PCWD (t/m ³) : | 2.18 | 2.16 | 2.16 | 2.15 | | | |
| ADJ Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | | | |
| <i>Moisture Test Results :</i> | | | | | | | |
| Field Moisture Content : | 10.0% | 7.0% | 7.5% | 9.0% | | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | | | |
| Variation from OMC : | 2.0% Dry of OMC | | | |
| Relative Moisture Ratio (Q250) : | - | - | - | - | | | |
| Moisture Ratio : | N/A | N/A | N/A | N/A | | | |
| <i>Density Test Results</i> | | | | | | | |
| Field Wet Density (t/m ³) : | 2.18 | 2.18 | 2.18 | 2.19 | | | |
| Density Specification : | 98% | 98% | 98% | 98% | | | |
| Wet Density Ratio : | 100.0% | 101.5% | 101.0% | 102.0% | | | |
| Remarks : | | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | | | | <p>APPROVED SIGNATORY</p>  <p>Nick Dobson - Signatory</p> | | | |
| Document Number : | RF1 | | | Date : 4/09/2023 | | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|--|---|---|---|---|---|---|
| Client : | Shadforth | | | | Report Number : | SR/PTP/12381 - 88/1 |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | | Report Date : | 25/10/2023 |
| Project Name : | SkyRidge Development | | | | Test Request : | - |
| Project Number : | PTP/12381 | | | | Page 1 of 2 | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/223690 | S/223691 | S/223692 | S/223693 | S/223694 | S/223695 |
| Date Tested : | 12/10/2023 | 12/10/2023 | 12/10/2023 | 12/10/2023 | 12/10/2023 | 12/10/2023 |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| For use as : | General Fill | General Fill | General Fill | General Fill | General Fill | General Fill |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b |
| Time : | 08:00 | 08:15 | 08:30 | 08:45 | 09:00 | 09:15 |
| Lot Number : | - | - | - | - | - | - |
| Location 1 : | E 532793 | E 532784 | E 532774 | E 532759 | E 532705 | E 532289 |
| Location 2 : | N 6898963 | N 6898951 | N 6898931 | N 6898903 | N 6898892 | N 6898892 |
| Location 3 : | RL 65.0 | RL 65.3 | RL 65.5 | RL 65.7 | RL 81.85 | RL 82.3 |
| Location 4 : | - | - | - | - | - | - |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm |
| Oversize Wet : | 14% | 20% | 20% | 10% | 12% | 12% |
| Oversize Density - Dry (t/m ³) : | 2.24 | 2.09 | 1.90 | 2.22 | 2.28 | 2.31 |
| Assigned MDR (Yes/No) : | No | No | No | No | No | No |
| MDR Sample Number : | S/223690 | S/223691 | S/223692 | S/223693 | S/223694 | S/223695 |
| MDR Test Date : | 24/10/2023 | 24/10/2023 | 24/10/2023 | 24/10/2023 | 24/10/2023 | 24/10/2023 |
| Compaction Type : | Standard | Standard | Standard | Standard | Standard | Standard |
| Soil Description : | CI Gravelly Sandy CLAY, Medium Plasticity, Brown, Moist | CI Gravelly Sandy CLAY, Medium Plasticity, Brown, Moist | CI Gravelly Sandy CLAY, Medium Plasticity, Brown, Moist | CI Gravelly Sandy CLAY, Medium Plasticity, Brown, Moist | CI Gravelly Sandy CLAY, Medium Plasticity, Brown, Moist | CI Gravelly Sandy CLAY, Medium Plasticity, Brown, Moist |
| MDR Test Results | | | | | | |
| PCWD (t/m ³) : | 2.18 | 2.23 | 2.27 | 2.19 | 2.19 | 2.17 |
| Moisture Variation : | 2.0% | 1.5% | 1.5% | 1.5% | 1.5% | 2.0% |
| ADI PCWD (t/m ³) : | 2.19 | 2.20 | 2.19 | 2.19 | 2.20 | 2.19 |
| ADI Moisture Variation : | 1.5% | 1.5% | 1.5% | 1.5% | 1.5% | 1.5% |
| Moisture Test Results | | | | | | |
| Field Moisture Content : | 5.5% | 8.5% | 8.5% | 9.5% | 9.5% | 8.5% |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC |
| Variation from OMC : | 1.5% Dry of OMC | 1.5% Dry of OMC | 1.5% Dry of OMC |
| Relative Moisture Ratio (Q250) : | - | - | - | - | - | - |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | N/A |
| Density Test Results | | | | | | |
| Field Wet Density (t/m ³) : | 2.19 | 2.18 | 2.18 | 2.19 | 2.16 | 2.18 |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | 98% |
| Wet Density Ratio : | 100.0% | 99.0% | 99.5% | 100.0% | 98.5% | 99.5% |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | | | | <p>APPROVED SIGNATORY</p>  Nick Dobson - Signatory | | |
| Document Number : | RF1 | | | | Date : | 4/09/2023 |

Soil Compaction and Density Tests Report - Compaction Control

| | | | |
|---|--|-----------------|---------------------|
| Client : | Shadforths | Report Number : | SR/PTP/12381 - 88/1 |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | Report Date : | 25/10/2023 |
| Project Name : | SkyRidge Development | Test Request : | - |
| Project Number : | PTP/12381 | Page 2 of 2 | |
| Location : | Worongary | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | |
| Sample Number : | S/223696 | | |
| Date Tested : | 12/10/2023 | | |
| Material Source : | Onsite | | |
| For use as : | General Fill | | |
| Test / Layer Depths : | 150 / 175 | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | | |
| Time : | 09:30 | | |
| Lot Number : | - | | |
| Location 1 : | E 532677 | | |
| Location 2 : | N 6898879 | | |
| Location 3 : | RL 85.85 | | |
| Location 4 : | - | | |
| Test Fraction (mm) : | < 19mm | | |
| Oversize Wet : | 5% | | |
| Oversize Density - Dry (t/m ³) : | 2.29 | | |
| Assigned MDR (Yes/No) : | No | | |
| MDR Sample Number : | S/223696 | | |
| MDR Test Date : | 25/10/2023 | | |
| Compaction Type : | Standard | | |
| Soil Description : | CL Sandy Gravelly CLAY, Low Plasticity, Brown, Moist | | |
| <i>MDR Test Results</i> | | | |
| PCWD (t/m ³) : | 2.24 | | |
| Moisture Variation : | 2.0% | | |
| ADJ PCWD (t/m ³) : | 2.24 | | |
| ADJ Moisture Variation : | 2.0% | | |
| <i>Moisture Test Results :</i> | | | |
| Field Moisture Content : | - | | |
| Moisture Specification : | +/-2.0% of OMC | | |
| Variation from OMC : | 2.0% Dry of OMC | | |
| Relative Moisture Ratio (Q250) : | - | | |
| Moisture Ratio : | N/A | | |
| <i>Density Test Results</i> | | | |
| Field Wet Density (t/m ³) : | 2.20 | | |
| Density Specification : | 98% | | |
| Wet Density Ratio : | 98.0% | | |
| Remarks : | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | APPROVED SIGNATORY | | |
| |  Nick Dobson - Signatory | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|---|--|--|--|---|--|--|
| Client : | Shadforths | | | Report Number : | SR/PTP/12381 - 89/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 25/10/2023 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 1 of 2 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/223698 | S/223699 | S/223700 | S/223701 | S/223702 | S/223703 |
| Date Tested : | 12/10/2023 | 12/10/2023 | 12/10/2023 | 12/10/2023 | 12/10/2023 | 12/10/2023 |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| For use as : | General Fill | General Fill | General Fill | General Fill | General Fill | General Fill |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b |
| Time : | 08:45 | 09:00 | 09:15 | 09:30 | 09:45 | 10:00 |
| Lot Number : | - | - | - | - | - | - |
| Location 1 : | E 532823 | E 532814 | E 532810 | E 532825 | E 532811 | E 532813 |
| Location 2 : | N 6899226 | N 6899213 | N 6899201 | N 6899195 | N 6899184 | N 6899174 |
| Location 3 : | RL 51.8 | RL 51.8 | RL 51.8 | RL 51.8 | RL 51.8 | RL 51.8 |
| Location 4 : | - | - | - | - | - | - |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm |
| Oversize Wet : | 17% | 15% | 17% | 15% | 13% | 10% |
| Oversize Density - Dry (t/m ³) : | 2.25 | 2.26 | 2.22 | 2.24 | 2.21 | 2.28 |
| Assigned MDR (Yes/No) : | No | No | No | No | No | No |
| MDR Sample Number : | S/223698 | S/223699 | S/223700 | S/223701 | S/223702 | S/223703 |
| MDR Test Date : | 24/10/2023 | 24/10/2023 | 24/10/2023 | 24/10/2023 | 24/10/2023 | 24/10/2023 |
| Compaction Type : | Standard | Standard | Standard | Standard | Standard | Standard |
| Soil Description : | CL Gravelly Sandy CLAY, Low Plasticity, Light Brown, Moist | CL Gravelly Sandy CLAY, Low Plasticity, Light Brown, Moist | CL Gravelly Sandy CLAY, Low Plasticity, Light Brown, Moist | CL Gravelly Sandy CLAY, Low Plasticity, Light Brown, Moist | CL Gravelly Sandy CLAY, Low Plasticity, Light Brown, Moist | CL Gravelly Sandy CLAY, Low Plasticity, Light Brown, Moist |
| MDR Test Results | | | | | | |
| PCWD (t/m ³) : | 2.16 | 2.15 | 2.15 | 2.14 | 2.16 | 2.15 |
| Moisture Variation : | 2.0% | 1.5% | 2.0% | 2.0% | 2.0% | 2.0% |
| ADJ PCWD (t/m ³) : | 2.17 | 2.16 | 2.16 | 2.15 | 2.16 | 2.16 |
| ADJ Moisture Variation : | 1.5% | 1.5% | 1.5% | 1.5% | 1.5% | 1.5% |
| Moisture Test Results : | | | | | | |
| Field Moisture Content : | 8.5% | 8.0% | 8.5% | 9.0% | 9.0% | 9.0% |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC |
| Variation from OMC : | 1.5% Dry of OMC | 1.5% Dry of OMC | 1.5% Dry of OMC |
| Relative Moisture Ratio (Q250) : | - | - | - | - | - | - |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | N/A |
| Density Test Results | | | | | | |
| Field Wet Density (t/m ³) : | 2.14 | 2.17 | 2.17 | 2.17 | 2.17 | 2.18 |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | 98% |
| Wet Density Ratio : | 98.5% | 100.0% | 100.0% | 100.5% | 100.5% | 101.0% |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | | | | APPROVED SIGNATORY  Nick Dobson - Signatory | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | |
|---|--|---|---------------------|
| Client : | Shadforths | Report Number : | SR/PTP/12381 - 89/1 |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | Report Date : | 25/10/2023 |
| Project Name : | SkyRidge Development | Test Request : | - |
| Project Number : | PTP/12381 | Page 2 of 2 | |
| Location : | Worongary | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | |
| Sample Number : | S/223704 | | |
| Date Tested : | 12/10/2023 | | |
| Material Source : | Onsite | | |
| For use as : | General Fill | | |
| Test / Layer Depths : | 150 / 175 | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | | |
| Time : | 10:15 | | |
| Lot Number : | - | | |
| Location 1 : | E 532811 | | |
| Location 2 : | N 6899176 | | |
| Location 3 : | RL 53.0 | | |
| Location 4 : | - | | |
| Test Fraction (mm) : | < 19mm | | |
| Oversize Wet : | 5% | | |
| Oversize Density - Dry (t/m ³) : | 2.29 | | |
| Assigned MDR (Yes/No) : | No | | |
| MDR Sample Number : | S/223704 | | |
| MDR Test Date : | 25/10/2023 | | |
| Compaction Type : | Standard | | |
| Soil Description : | CL Sandy Gravelly CLAY, Low Plasticity, Brown, Moist | | |
| <i>MDR Test Results</i> | | | |
| PCWD (t/m3) : | 2.17 | | |
| Moisture Variation : | 2.0% | | |
| ADJ PCWD (t/m3) : | 2.18 | | |
| ADJ Moisture Variation : | 2.0% | | |
| <i>Moisture Test Results</i> | | | |
| Field Moisture Content : | - | | |
| Moisture Specification : | +/-2.0% of OMC | | |
| Variation from OMC : | 2.0% Dry of OMC | | |
| Relative Moisture Ratio (Q250) : | - | | |
| Moisture Ratio : | N/A | | |
| <i>Density Test Results</i> | | | |
| Field Wet Density (t/m3) : | 2.18 | | |
| Density Specification : | 98% | | |
| Wet Density Ratio : | 100.0% | | |
| Remarks : | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | | APPROVED SIGNATORY  Nick Dobson - Signatory | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | | |
|---|---|--|--|---|-----------------|---------------------|--|
| Client : | Shadforth | | | | Report Number : | SR/PTP/12381 - 90/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | | Report Date : | 26/10/2023 | |
| Project Name : | SkyRidge Development | | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | | |
| Sample Number : | S/223903 | S/223904 | S/223905 | S/223906 | | | |
| Date Tested : | 13/10/2023 | 13/10/2023 | 13/10/2023 | 13/10/2023 | | | |
| Material Source : | Onsite | Onsite | Onsite | Onsite | | | |
| For use as : | General Fill | General Fill | General Fill | General Fill | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | |
| Time : | 10:00 | 10:15 | 10:30 | 10:45 | | | |
| Lot Number : | - | - | - | - | | | |
| Location 1 : | E 532850 | E 532824 | E 532804 | E 532820 | | | |
| Location 2 : | N 6899248 | N 6899206 | N 6899193 | N 6899175 | | | |
| Location 3 : | RL 53.08 | RL 53.08 | RL 53.08 | RL 53.08 | | | |
| Location 4 : | - | - | - | - | | | |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | < 19mm | | | |
| Oversize Wet : | 17% | 20% | 19% | 19% | | | |
| Oversize Density - Dry (t/m ³) : | 2.30 | 2.31 | 2.35 | 2.25 | | | |
| Assigned MDR (Yes/No) : | No | No | No | No | | | |
| MDR Sample Number : | S/223903 | S/223904 | S/223905 | S/223906 | | | |
| MDR Test Date : | 24/10/2023 | 24/10/2023 | 24/10/2023 | 24/10/2023 | | | |
| Compaction Type : | Standard | Standard | Standard | Standard | | | |
| Soil Description : | GW Clayey Sandy GRAVEL, Well Graded, Grey, Moist | GW Clayey Sandy GRAVEL, Well Graded, Grey, Moist | GW Clayey Sandy GRAVEL, Well Graded, Grey, Moist | GW Clayey Sandy GRAVEL, Well Graded, Grey, Moist | | | |
| <i>MDR Test Results</i> | | | | | | | |
| PCWD (t/m ³) : | 2.13 | 2.13 | 2.13 | 2.14 | | | |
| Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | | | |
| ADJ PCWD (t/m ³) : | 2.16 | 2.16 | 2.16 | 2.16 | | | |
| ADJ Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | | | |
| <i>Moisture Test Results :</i> | | | | | | | |
| Field Moisture Content : | 9.0% | 8.5% | 9.0% | 9.0% | | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | | | |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | | | |
| Relative Moisture Ratio (Q250) : | - | - | - | - | | | |
| Moisture Ratio : | N/A | N/A | N/A | N/A | | | |
| <i>Density Test Results</i> | | | | | | | |
| Field Wet Density (t/m ³) : | 2.13 | 2.17 | 2.20 | 2.16 | | | |
| Density Specification : | 98% | 98% | 98% | 98% | | | |
| Wet Density Ratio : | 98.5% | 100.5% | 102.0% | 100.0% | | | |
| Remarks : | | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast</p> <p>Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | | | | <p>APPROVED SIGNATORY</p>  <p>Nick Dobson - Signatory</p> | | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | | |
|---|---|---|---|--|-----------------|---------------------|--|
| Client : | Shadforths | | | | Report Number : | SR/PTP/12381 - 91/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | | Report Date : | 25/10/2023 | |
| Project Name : | SkyRidge Development | | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | | |
| Sample Number : | S/223907 | S/223943 | S/223944 | S/223945 | | | |
| Date Tested : | 13/10/2023 | 13/10/2023 | 13/10/2023 | 13/10/2023 | | | |
| Material Source : | Onsite | Onsite | Onsite | Onsite | | | |
| For use as : | General Fill | General Fill | General Fill | General Fill | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | |
| Time : | 09:00 | 09:15 | 09:30 | 09:45 | | | |
| Lot Number : | - | - | - | - | | | |
| Location 1 : | E 532747 | E 532723 | E 532709 | E 532802 | | | |
| Location 2 : | N 6898886 | N 6898874 | N 6898866 | N 6898956 | | | |
| Location 3 : | RL 82.1 | RL 84.2 | RL 84.5 | RL 65.01 | | | |
| Location 4 : | - | - | - | - | | | |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | < 19mm | | | |
| Oversize Wet : | 13% | 15% | 15% | 9% | | | |
| Oversize Density - Dry (t/m ³) : | 2.52 | 2.49 | 2.47 | 2.52 | | | |
| Assigned MDR (Yes/No) : | No | No | No | No | | | |
| MDR Sample Number : | S/223907 | S/223943 | S/223944 | S/223945 | | | |
| MDR Test Date : | 25/10/2023 | 25/10/2023 | 25/10/2023 | 25/10/2023 | | | |
| Compaction Type : | Standard | Standard | Standard | Standard | | | |
| Soil Description : | SW Gravelly SAND trace Silt, Well Graded, Grey, Dry | SW Gravelly SAND trace Silt, Well Graded, Grey, Dry | SW Gravelly SAND trace Silt, Well Graded, Grey, Dry | SW Gravelly SAND trace Silt, Well Graded, Grey, Dry | | | |
| MDR Test Results | | | | | | | |
| PCWD (t/m ³) : | 2.15 | 2.14 | 2.11 | 2.18 | | | |
| Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | | | |
| ADJ PCWD (t/m ³) : | 2.20 | 2.18 | 2.15 | 2.21 | | | |
| ADJ Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | | | |
| Moisture Test Results : | | | | | | | |
| Field Moisture Content : | 4.5% | 5.0% | 5.5% | 6.0% | | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | | | |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | | | |
| Relative Moisture Ratio (Q250) : | - | - | - | - | | | |
| Moisture Ratio : | N/A | N/A | N/A | N/A | | | |
| Density Test Results | | | | | | | |
| Field Wet Density (t/m ³) : | 2.17 | 2.19 | 2.21 | 2.16 | | | |
| Density Specification : | 98% | 98% | 98% | 98% | | | |
| Wet Density Ratio : | 98.5% | 100.0% | 102.5% | 98.0% | | | |
| Remarks : | | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | APPROVED SIGNATORY | | | | | | |
| | | | |  Nick Dobson - Signatory | | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | | |
|---|---|--|--|--|--|-----------------|---------------------|
| Client : | Shadforths | | | | | Report Number : | SR/PTP/12381 - 92/1 |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | | | Report Date : | 26/10/2023 |
| Project Name : | SkyRidge Development | | | | | Test Request : | - |
| Project Number : | PTP/12381 | | | | | Page 1 of 1 | |
| Location : | Worongary | | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | | |
| Sample Number : | S/224254 | S/224255 | S/224256 | S/224257 | S/224258 | | |
| Date Tested : | 16/10/2023 | 16/10/2023 | 16/10/2023 | 16/10/2023 | 16/10/2023 | | |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | | |
| For use as : | General Fill | General Fill | General Fill | General Fill | General Fill | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | |
| Time : | 10:00 | 10:15 | 10:30 | 10:45 | 11:00 | | |
| Lot Number : | - | - | - | - | - | | |
| Location 1 : | E 532797 | E 532814 | E 532803 | E 532818 | E 532807 | | |
| Location 2 : | N 6899162 | N 6899167 | N 6899185 | N 6899207 | N 6899173 | | |
| Location 3 : | RL 63.9 | RL 52.5 | RL 53.5 | RL 54.2 | RL 53.1 | | |
| Location 4 : | - | - | - | - | - | | |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm | | |
| Oversize Wet : | 0% | 0% | 0% | 0% | 0% | | |
| Oversize Density - Dry (t/m ³) : | - | - | - | - | - | | |
| Assigned MDR (Yes/No) : | No | No | No | No | No | | |
| MDR Sample Number : | S/224254 | S/224255 | S/224256 | S/224257 | S/224258 | | |
| MDR Test Date : | 25/10/2023 | 25/10/2023 | 25/10/2023 | 25/10/2023 | 25/10/2023 | | |
| Compaction Type : | Standard | Standard | Standard | Standard | Standard | | |
| Soil Description : | CL Sandy Gravelly CLAY, Low Plasticity, Brown, Moist | CL Sandy Gravelly CLAY, Low Plasticity, Brown, Moist | CL Gravelly CLAY with Sand, Low Plasticity, Light Brown, Moist | CL Sandy Gravelly CLAY, Low Plasticity, Brown, Moist | CL Sandy Gravelly CLAY, Low Plasticity, Brown, Moist | | |
| <i>MDR Test Results</i> | | | | | | | |
| PCWD (t/m ³) : | 2.16 | 2.15 | 2.02 | 2.17 | 2.13 | | |
| Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | | |
| ADJ PCWD (t/m ³) : | - | - | - | - | - | | |
| ADJ Moisture Variation : | - | - | - | - | - | | |
| <i>Moisture Test Results :</i> | | | | | | | |
| Field Moisture Content : | 8.0% | 8.0% | 8.0% | 8.0% | 8.5% | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | | |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | | |
| Relative Moisture Ratio (Q250) : | - | - | - | - | - | | |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | | |
| <i>Density Test Results</i> | | | | | | | |
| Field Wet Density (t/m ³) : | 2.15 | 2.17 | 2.03 | 2.15 | 2.18 | | |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | | |
| Wet Density Ratio : | 99.5% | 101.0% | 100.0% | 99.0% | 102.0% | | |
| Remarks : | | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | APPROVED SIGNATORY  Nick Dobson - Signatory | | | | | | |
| | Document Number : RF1 Date : 4/09/2023 | | | | | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|--|---|---|---|---|---|---|
| Client : | Shadforth | | | | Report Number : | SR/PTP/12381 - 102/1 |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | | Report Date : | 2/11/2023 |
| Project Name : | SkyRidge Development | | | | Test Request : | - |
| Project Number : | PTP/12381 | | | | Page 1 of 2 | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/224495 | S/224496 | S/224497 | S/224498 | S/224499 | S/224500 |
| Date Tested : | 17/10/2023 | 17/10/2023 | 17/10/2023 | 17/10/2023 | 17/10/2023 | 17/10/2023 |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| For use as : | General Fill | General Fill | General Fill | General Fill | General Fill | General Fill |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b |
| Time : | 10:00 | 10:15 | 10:30 | 10:45 | 11:00 | 11:15 |
| Lot Number : | - | - | - | - | - | - |
| Location 1 : | E 532697 | E 532710 | E 532730 | E 532748 | E 532766 | E 532661 |
| Location 2 : | N 6899083 | N 6899075 | N 6899072 | E 6899067 | N 6899068 | N 6898871 |
| Location 3 : | RL 62.5 | RL 62.5 | RL 62.5 | RL 62.5 | RL 62.5 | RL 94.7 |
| Location 4 : | - | - | - | - | - | - |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm |
| Oversize Wet : | 15% | 7% | 7% | 8% | 12% | 11% |
| Oversize Density - Dry (t/m ³) : | 2.49 | 2.49 | 2.46 | 2.27 | 2.58 | 2.44 |
| Assigned MDR (Yes/No) : | No | No | No | No | No | No |
| MDR Sample Number : | S/224495 | S/224496 | S/224497 | S/224498 | S/224499 | S/224500 |
| MDR Test Date : | 27/10/2023 | 27/10/2023 | 27/10/2023 | 27/10/2023 | 27/10/2023 | 27/10/2023 |
| Compaction Type : | Standard | Standard | Standard | Standard | Standard | Standard |
| Soil Description : | GW Sandy Clayey GRAVEL, Well Graded, Brown, Moist | GW Sandy Clayey GRAVEL, Well Graded, Brown, Moist | GW Sandy Clayey GRAVEL, Well Graded, Brown, Moist | GW Sandy Clayey GRAVEL, Well Graded, Brown, Moist | GW Sandy Clayey GRAVEL, Well Graded, Brown, Moist | GW Sandy Clayey GRAVEL, Well Graded, Brown, Moist |
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.09 | 2.13 | 2.14 | 2.17 | 2.10 | 2.12 |
| Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.5% | 2.0% | 2.0% |
| ADJ PCWD (t/m ³) : | 2.14 | 2.15 | 2.15 | 2.15 | 2.15 | 2.15 |
| ADJ Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% |
| <i>Moisture Test Results :</i> | | | | | | |
| Field Moisture Content : | 7.0% | 8.5% | 8.0% | 7.0% | 8.5% | 8.5% |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC |
| Relative Moisture Ratio (Q250) : | - | - | - | - | - | - |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | N/A |
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.19 | 2.16 | 2.15 | 2.15 | 2.19 | 2.15 |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | 98% |
| Wet Density Ratio : | 102.0% | 100.5% | 100.0% | 100.0% | 102.0% | 100.0% |
| Remarks : | | | | | | |
|  Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208 | APPROVED SIGNATORY  Nick Dobson - Signatory | | | | | |
| | Document Number : | RF1 | | | | Date : |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | | |
|--|--|---|---|---|-----------------|----------------------|--|
| Client : | Shadforth | | | | Report Number : | SR/PTP/12381 - 102/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | | Report Date : | 2/11/2023 | |
| Project Name : | SkyRidge Development | | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | | Page 2 of 2 | | |
| Location : | Worongary | | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | | |
| Sample Number : | S/224501 | S/224502 | S/224503 | S/224504 | | | |
| Date Tested : | 17/10/2023 | 17/10/2023 | 17/10/2023 | 17/10/2023 | | | |
| Material Source : | Onsite | Onsite | Onsite | Onsite | | | |
| For use as : | General Fill | General Fill | General Fill | General Fill | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | |
| Time : | 11:30 | 11:45 | 12:00 | 12:15 | | | |
| Lot Number : | - | - | - | - | | | |
| Location 1 : | E 532665 | E 532676 | E 532685 | E 532674 | | | |
| Location 2 : | N 6898860 | N 6898876 | N 6898884 | N 6898884 | | | |
| Location 3 : | RL 99.3 | RL 88.1 | RL 85.1 | RL 84.1 | | | |
| Location 4 : | - | - | - | - | | | |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | < 19mm | | | |
| Oversize Wet : | 0% | 0% | 0% | 0% | | | |
| Oversize Density - Dry (t/m ³) : | - | - | - | - | | | |
| Assigned MDR (Yes/No) : | No | No | No | No | | | |
| MDR Sample Number : | S/224501 | S/224502 | S/224503 | S/224504 | | | |
| MDR Test Date : | 25/10/2023 | 25/10/2023 | 25/10/2023 | 25/10/2023 | | | |
| Compaction Type : | Standard | Standard | Standard | Standard | | | |
| Soil Description : | CL Sandy CLAY, Low Plasticity, Brown, Moist | CL Sandy CLAY, Low Plasticity, Brown, Moist | CL Sandy CLAY, Low Plasticity, Brown, Moist | CL Sandy CLAY, Low Plasticity, Brown, Moist | | | |
| MDR Test Results | | | | | | | |
| PCWD (t/m ³) : | 2.14 | 2.15 | 2.16 | 2.14 | | | |
| Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | | | |
| ADJ PCWD (t/m ³) : | - | - | - | - | | | |
| ADJ Moisture Variation : | - | - | - | - | | | |
| Moisture Test Results : | | | | | | | |
| Field Moisture Content : | 13.5% | 10.5% | 10.5% | 10.0% | | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | | | |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | | | |
| Relative Moisture Ratio (Q250) : | - | - | - | - | | | |
| Moisture Ratio : | N/A | N/A | N/A | N/A | | | |
| Density Test Results | | | | | | | |
| Field Wet Density (t/m ³) : | 2.15 | 2.10 | 2.18 | 2.14 | | | |
| Density Specification : | 98% | 98% | 98% | 98% | | | |
| Wet Density Ratio : | 100.5% | 98.0% | 101.0% | 100.0% | | | |
| Remarks : | | | | | | | |
|  Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208 | APPROVED SIGNATORY | | | | | | |
| |  Nick Dobson - Signatory | | | | | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | | |
|---|---|--|--|--|--|--|----------------------|
| Client : | Shadforth | | | | | Report Number : | SR/PTP/12381 - 103/1 |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | | | Report Date : | 2/11/2023 |
| Project Name : | SkyRidge Development | | | | | Test Request : | - |
| Project Number : | PTP/12381 | | | | | Page 1 of 1 | |
| Location : | Worongary | | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | | |
| Sample Number : | S/224800 | S/224801 | S/224802 | S/224803 | S/224804 | S/224805 | |
| Date Tested : | 18/10/2023 | 18/10/2023 | 18/10/2023 | 18/10/2023 | 18/10/2023 | 18/10/2023 | |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite | |
| For use as : | General Fill | General Fill | General Fill | General Fill | General Fill | General Fill | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | |
| Time : | 10:00 | 10:15 | 10:30 | 10:45 | 11:00 | 11:15 | |
| Lot Number : | - | - | - | - | - | - | |
| Location 1 : | E 532816 | E 532809 | E 532799 | E 532776 | E 532745 | E 532711 | |
| Location 2 : | N 6898960 | N 6898933 | N 6898907 | N 6898882 | N 6898858 | N 6898837 | |
| Location 3 : | RL 65.5 | RL 65.8 | RL 66.0 | RL 66.2 | RL 66.5 | RL 67.0 | |
| Location 4 : | - | - | - | - | - | - | |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm | |
| Oversize Wet : | 10% | 11% | 16% | 15% | 14% | 15% | |
| Oversize Density - Dry (t/m ³) : | 2.48 | 2.46 | 2.47 | 2.32 | 2.43 | 2.48 | |
| Assigned MDR (Yes/No) : | No | No | No | No | No | No | |
| MDR Sample Number : | S/224800 | S/224801 | S/224802 | S/224803 | S/224804 | S/224805 | |
| MDR Test Date : | 30/10/2023 | 30/10/2023 | 30/10/2023 | 30/10/2023 | 30/10/2023 | 30/10/2023 | |
| Compaction Type : | Standard | Standard | Standard | Standard | Standard | Standard | |
| Soil Description : | SW Gravelly Clayey SAND, Well Graded, Brown, Moist | SW Gravelly Clayey SAND, Well Graded, Brown, Moist | SW Gravelly Clayey SAND, Well Graded, Brown, Moist | SW Gravelly Clayey SAND, Well Graded, Brown, Moist | SW Gravelly Clayey SAND, Well Graded, Brown, Moist | SW Gravelly Clayey SAND, Well Graded, Brown, Moist | |
| MDR Test Results | | | | | | | |
| PCWD (t/m ³) : | 2.11 | 2.12 | 2.10 | 2.12 | 2.11 | 2.10 | |
| Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | 2.5% | 2.5% | |
| ADJ PCWD (t/m ³) : | 2.14 | 2.16 | 2.15 | 2.15 | 2.15 | 2.15 | |
| ADJ Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | |
| Moisture Test Results : | | | | | | | |
| Field Moisture Content : | 6.0% | 6.5% | 6.0% | 6.0% | 6.0% | 7.0% | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | |
| Relative Moisture Ratio (Q250) : | - | - | - | - | - | - | |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | N/A | |
| Density Test Results | | | | | | | |
| Field Wet Density (t/m ³) : | 2.18 | 2.13 | 2.14 | 2.13 | 2.19 | 2.17 | |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | 98% | |
| Wet Density Ratio : | 101.5% | 99.0% | 99.5% | 99.0% | 102.0% | 101.0% | |
| Remarks : | | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | APPROVED SIGNATORY  Nick Dobson - Signatory | | | | | | |
| | Document Number : | RF1 | | | | | Date : |

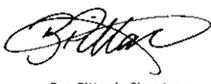
Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | | | |
|---|---|---|---|---|---|---|-----------------|----------------------|
| Client : | Shadforths | | | | | | Report Number : | SR/PTP/12381 - 109/1 |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | | | | Report Date : | 10/11/2023 |
| Project Name : | SkyRidge Development | | | | | | Test Request : | - |
| Project Number : | PTP/12381 | | | | | | Page 1 of 2 | |
| Location : | Worongary | | | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | | | |
| Sample Number : | S/225215 | S/225216 | S/225217 | S/225218 | S/225219 | S/225220 | | |
| Date Tested : | 19/10/2023 | 19/10/2023 | 19/10/2023 | 19/10/2023 | 19/10/2023 | 19/10/2023 | | |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite | | |
| For use as : | General Fill | General Fill | General Fill | General Fill | General Fill | General Fill | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | |
| Time : | 08:00 | 08:15 | 08:30 | 08:45 | 09:00 | 09:15 | | |
| Lot Number : | - | - | - | - | - | - | | |
| Location 1 : | E 532799 | E 532778 | E 532751 | E 532738 | E 532716 | E 532689 | | |
| Location 2 : | N 6899054 | N 6899057 | N 6899059 | N 6899054 | N 6899071 | N 6899064 | | |
| Location 3 : | RL 63.5 | RL 63.5 | RL 63.5 | RL 63.5 | RL 63.5 | RL 63.5 | | |
| Location 4 : | - | - | - | - | - | - | | |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm | | |
| Oversize Wet : | 9% | 7% | 8% | 6% | 13% | 10% | | |
| Oversize Density - Dry (t/m ³) : | 2.55 | 2.47 | 2.52 | 2.49 | 2.36 | 2.58 | | |
| Assigned MDR (Yes/No) : | No | No | No | No | No | No | | |
| MDR Sample Number : | S/225215 | S/225216 | S/225217 | S/225218 | S/225219 | S/225220 | | |
| MDR Test Date : | 31/10/2023 | 31/10/2023 | 31/10/2023 | 31/10/2023 | 31/10/2023 | 31/10/2023 | | |
| Compaction Type : | Standard | Standard | Standard | Standard | Standard | Standard | | |
| Soil Description : | SP Gravelly SAND with Clay, Gap Graded, Orange, Moist | SP Gravelly SAND with Clay, Gap Graded, Orange, Moist | SP Gravelly SAND with Clay, Gap Graded, Orange, Moist | SP Gravelly SAND with Clay, Gap Graded, Orange, Moist | SP Gravelly SAND with Clay, Gap Graded, Orange, Moist | SP Gravelly SAND with Clay, Gap Graded, Orange, Moist | | |
| <i>MDR Test Results</i> | | | | | | | | |
| PCWD (t/m ³) : | 2.13 | 2.11 | 2.15 | 2.19 | 2.19 | 2.16 | | |
| Moisture Variation : | 2.0% | 2.5% | 1.0% | 1.0% | 1.0% | 2.0% | | |
| ADJ PCWD (t/m ³) : | 2.16 | 2.14 | 2.18 | 2.20 | 2.21 | 2.20 | | |
| ADI Moisture Variation : | 2.0% | 2.0% | 1.0% | 1.0% | 1.0% | 2.0% | | |
| <i>Moisture Test Results</i> | | | | | | | | |
| Field Moisture Content : | 7.5% | 7.0% | 8.0% | 8.5% | 7.5% | 6.0% | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | | |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | 1.0% Dry of OMC | 1.0% Dry of OMC | 1.0% Dry of OMC | 2.0% Dry of OMC | | |
| Relative Moisture Ratio (Q250) : | - | - | - | - | - | - | | |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | N/A | | |
| <i>Density Test Results</i> | | | | | | | | |
| Field Wet Density (t/m ³) : | 2.20 | 2.18 | 2.21 | 2.19 | 2.19 | 2.17 | | |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | 98% | | |
| Wet Density Ratio : | 101.5% | 102.0% | 101.5% | 99.5% | 99.0% | 98.5% | | |
| Remarks : | | | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | APPROVED SIGNATORY  Nick Dobson - Signatory | | | | | | | |

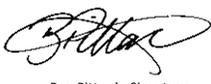
Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|---|---|--|--|--|---|--|
| Client : | Shadforth | | | | Report Number : | SR/PTP/12381 - 109/1 |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | | Report Date : | 10/11/2023 |
| Project Name : | SkyRidge Development | | | | Test Request : | - |
| Project Number : | PTP/12381 | | | | Page 2 of 2 | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/225221 | S/225222 | S/225223 | S/225224 | S/225225 | S/225226 |
| Date Tested : | 19/10/2023 | 19/10/2023 | 19/10/2023 | 19/10/2023 | 19/10/2023 | 19/10/2023 |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| For use as : | General Fill | General Fill | General Fill | General Fill | General Fill | General Fill |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b |
| Time : | 09:30 | 09:45 | 10:00 | 10:15 | 10:30 | 10:45 |
| Lot Number : | - | - | - | - | - | - |
| Location 1 : | E 532798 | E 532774 | E 532815 | E 532788 | E 532758 | E 532772 |
| Location 2 : | N 6898941 | N 6898940 | N 6898910 | N 6898919 | N 6898920 | N 6898907 |
| Location 3 : | RL 69.1 | RL 70.2 | RL 70.5 | RL 70.9 | RL 72.1 | RL 72.5 |
| Location 4 : | - | - | - | - | - | - |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm |
| Oversize Wet : | 6% | 0% | 6% | 0% | 11% | 0% |
| Oversize Density - Dry (t/m ³) : | 2.51 | - | 2.48 | - | 2.42 | - |
| Assigned MDR (Yes/No) : | No | No | No | No | No | No |
| MDR Sample Number : | S/225221 | S/225222 | S/225223 | S/225224 | S/225225 | S/225226 |
| MDR Test Date : | 31/10/2023 | 31/10/2023 | 31/10/2023 | 31/10/2023 | 31/10/2023 | 31/10/2023 |
| Compaction Type : | Standard | Standard | Standard | Standard | Standard | Standard |
| Soil Description : | SW Gravelly Clayey SAND, Well Graded, Brown, Moist | SW Gravelly Clayey SAND, Well Graded, Brown, Moist | SW Gravelly Clayey SAND, Well Graded, Brown, Moist | SW Gravelly Clayey SAND, Well Graded, Brown, Moist | SW Gravelly Clayey SAND, Well Graded, Brown, Moist | SW Gravelly Clayey SAND, Well Graded, Brown, Moist |
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.16 | 2.18 | 2.17 | 2.17 | 2.15 | 2.18 |
| Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% |
| ADJ PCWD (t/m ³) : | 2.18 | - | 2.18 | - | 2.18 | - |
| ADJ Moisture Variation : | 2.0% | - | 2.0% | - | 2.0% | - |
| <i>Moisture Test Results</i> | | | | | | |
| Field Moisture Content : | 8.5% | 10.0% | 9.5% | 9.5% | 7.5% | 9.0% |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC |
| Relative Moisture Ratio (Q250) : | - | - | - | - | - | - |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | N/A |
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.19 | 2.17 | 2.18 | 2.20 | 2.16 | 2.15 |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | 98% |
| Wet Density Ratio : | 100.5% | 99.5% | 100.0% | 101.0% | 99.0% | 98.5% |
| Remarks : | | | | | | |
|  NATA <small>WORLD RECOGNISED ACCREDITATION</small> | Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208 | | | | APPROVED SIGNATORY  Nick Dobson - Signatory | |
| | Document Number : | RF1 | | | | Date : |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|---|---|------------------------------|------------------------------|--|------------------------------|------------------------------|
| Client : | Shadforth | | | Report Number : | SR/PTP/12381 - 110/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 10/11/2023 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 1 of 2 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/225415 | S/225416 | S/225417 | S/225418 | S/225419 | S/225420 |
| Date Tested : | 20/10/2023 | 20/10/2023 | 20/10/2023 | 20/10/2023 | 20/10/2023 | 20/10/2023 |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| For use as : | General Fill | General Fill | General Fill | General Fill | General Fill | General Fill |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b |
| Time : | 06:30 | 06:45 | 07:00 | 07:15 | 07:30 | 07:45 |
| Lot Number : | - | - | - | - | - | - |
| Location 1 : | E 532789 | E 532773 | E 532780 | E 532764 | E 532778 | E 532961 |
| Location 2 : | N 6898948 | N 6898959 | N 6898932 | N 6898935 | N 6898921 | N 6898924 |
| Location 3 : | RL 71.0 | RL 71.4 | RL 71.6 | RL 71.6 | RL 71.8 | RL 71.8 |
| Location 4 : | - | - | - | - | - | - |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm |
| Override Wet : | 12% | 19% | 12% | 11% | 15% | 16% |
| Override Density - Dry (t/m ³) : | 2.29 | 2.48 | 2.11 | 2.33 | 2.35 | 2.38 |
| Assigned MDR (Yes/No) : | No | No | No | No | No | No |
| MDR Sample Number : | S/225415 | S/225416 | S/225417 | S/225418 | S/225419 | S/225420 |
| MDR Test Date : | 1/11/2023 | 1/11/2023 | 1/11/2023 | 1/11/2023 | 1/11/2023 | 1/11/2023 |
| Compaction Type : | Standard | Standard | Standard | Standard | Standard | Standard |
| Soil Description : | Gravelly Clayey SAND - Brown | Gravelly Clayey SAND - Brown | Gravelly Clayey SAND - Brown | Gravelly Clayey SAND - Brown | Gravelly Clayey SAND - Brown | Gravelly Clayey SAND - Brown |
| MDR Test Results | | | | | | |
| PCWD (t/m ³) : | 2.13 | 2.08 | 2.13 | 2.14 | 2.14 | 2.12 |
| Moisture Variation : | 2.0% | 2.0% | 2.5% | 2.0% | 2.0% | 2.0% |
| ADJ PCWD (t/m ³) : | 2.15 | 2.15 | 2.13 | 2.16 | 2.17 | 2.16 |
| ADJ Moisture Variation : | 2.0% | 1.5% | 2.0% | 2.0% | 2.0% | 1.5% |
| Moisture Test Results : | | | | | | |
| Field Moisture Content : | 8.0% | 7.0% | 6.0% | 7.0% | 7.0% | 6.0% |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC |
| Variation from OMC : | 2.0% Dry of OMC | 1.5% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 1.5% Dry of OMC |
| Relative Moisture Ratio (Q250) : | - | - | - | - | - | - |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | N/A |
| Density Test Results | | | | | | |
| Field Wet Density (t/m ³) : | 2.13 | 2.12 | 2.13 | 2.13 | 2.13 | 2.12 |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | 98% |
| Wet Density Ratio : | 99.0% | 98.5% | 100.0% | 98.5% | 98.0% | 98.0% |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | | | | <p>APPROVED SIGNATORY</p>  Ben Pittard - Signatory | | |
| Document Number : | RF1 | | | | Date : | 29/09/2023 |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|---|---|------------------------------|------------------------------|--|------------------------------|------------------------------|
| Client : | Shadforth | | | Report Number : | SR/PTP/12381 - 110/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 10/11/2023 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 2 of 2 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/225421 | S/225422 | S/225423 | S/225424 | S/225425 | S/225426 |
| Date Tested : | 20/10/2023 | 20/10/2023 | 20/10/2023 | 20/10/2023 | 20/10/2023 | 20/10/2023 |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| For use as : | General Fill | General Fill | General Fill | General Fill | General Fill | General Fill |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b |
| Time : | 08:00 | 08:15 | 08:30 | 08:45 | 09:00 | 09:15 |
| Lot Number : | - | - | - | - | - | - |
| Location 1 : | E 532763 | E 532750 | E 532750 | E 532754 | E 532734 | E 532719 |
| Location 2 : | N 6898906 | N 6898907 | N 6898907 | N 6898886 | N 6898894 | N 6898883 |
| Location 3 : | RL 73.1 | RL 73.5 | RL 74.0 | RL 77.1 | RL 78.6 | RL 82.2 |
| Location 4 : | - | - | - | - | - | - |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm |
| Oversize Wet : | 12% | 11% | 17% | 17% | 13% | 19% |
| Oversize Density - Dry (t/m ³) : | 2.29 | 2.27 | 2.42 | 2.62 | 2.26 | 2.23 |
| Assigned MDR (Yes/No) : | No | No | No | No | No | No |
| MDR Sample Number : | S/225421 | S/225422 | S/225423 | S/225424 | S/225425 | S/225426 |
| MDR Test Date : | 3/11/2023 | 3/11/2023 | 3/11/2023 | 3/11/2023 | 3/11/2023 | 3/11/2023 |
| Compaction Type : | Standard | Standard | Standard | Standard | Standard | Standard |
| Soil Description : | Gravelly Clayey SAND - Brown | Gravelly Clayey SAND - Brown | Gravelly Clayey SAND - Brown | Gravelly Clayey SAND - Brown | Gravelly Clayey SAND - Brown | Gravelly Clayey SAND - Brown |
| MDR Test Results | | | | | | |
| PCWD (t/m ³) : | 2.14 | 2.19 | 2.13 | 2.12 | 2.13 | 2.20 |
| Moisture Variation : | 1.0% | 1.0% | 1.0% | 0.5% | 2.0% | 1.0% |
| ADJ PCWD (t/m ³) : | 2.16 | 2.20 | 2.17 | 2.19 | 2.14 | 2.21 |
| ADJ Moisture Variation : | 1.0% | 1.0% | 1.0% | 0.5% | 1.5% | 1.0% |
| Moisture Test Results : | | | | | | |
| Field Moisture Content : | 7.5% | 8.0% | 7.0% | 7.0% | 7.0% | 6.0% |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC |
| Variation from OMC : | 1.0% Dry of OMC | 1.0% Dry of OMC | 1.0% Dry of OMC | 0.5% Dry of OMC | 1.5% Dry of OMC | 1.0% Dry of OMC |
| Relative Moisture Ratio (Q250) : | - | - | - | - | - | - |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | N/A |
| Density Test Results | | | | | | |
| Field Wet Density (t/m ³) : | 2.13 | 2.21 | 2.13 | 2.16 | 2.13 | 2.16 |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | 98% |
| Wet Density Ratio : | 99.0% | 100.0% | 98.0% | 98.5% | 99.5% | 98.0% |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | | | | <p>APPROVED SIGNATORY</p>  <p>Ben Pittard - Signatory</p> | | |
| Document Number : | RF1 | | | | Date : | 29/09/2023 |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | | |
|---|---|--|--|--|--|-----------------|----------------------|
| Client : | Shadforth | | | | | Report Number : | SR/PTP/12381 - 116/1 |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | | | Report Date : | 20/11/2023 |
| Project Name : | SkyRidge Development | | | | | Test Request : | - |
| Project Number : | PTP/12381 | | | | | Page 1 of 1 | |
| Location : | Worongary | | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | | |
| Sample Number : | S/224274 | S/224275 | S/224276 | S/224277 | S/224278 | | |
| Date Tested : | 16/10/2023 | 16/10/2023 | 16/10/2023 | 16/10/2023 | 16/10/2023 | | |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | | |
| For use as : | General Fill | General Fill | General Fill | General Fill | General Fill | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | |
| Time : | 09:00 | 09:15 | 09:30 | 09:45 | 10:00 | | |
| Lot Number : | - | - | - | - | - | | |
| Location 1 : | E 532674 | E 532702 | E 532766 | E 532790 | E 532777 | | |
| Location 2 : | N 6898858 | N 6898860 | N 6898898 | N 6898936 | N 6898981 | | |
| Location 3 : | RL 90.0 | RL 89.1 | RL 77.3 | RL 70.8 | RL 66.5 | | |
| Location 4 : | - | - | - | - | - | | |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm | | |
| Oversize Wet : | 15% | 15% | 17% | 17% | 15% | | |
| Oversize Density - Dry (t/m ³) : | 2.39 | 2.38 | 2.40 | 2.38 | 2.41 | | |
| Assigned MDR (Yes/No) : | No | No | No | No | No | | |
| MDR Sample Number : | S/224274 | S/224275 | S/224276 | S/224277 | S/224278 | | |
| MDR Test Date : | 18/10/2023 | 17/10/2023 | 19/10/2023 | 17/10/2023 | 19/10/2023 | | |
| Compaction Type : | Standard | Standard | Standard | Standard | Standard | | |
| Soil Description : | CL Gravelly Sandy CLAY, Low Plasticity, Light Brown, Moist | CL Gravelly Sandy CLAY, Low Plasticity, Light Brown, Moist | CL Gravelly Sandy CLAY, Low Plasticity, Light Brown, Moist | CL Gravelly Sandy CLAY, Low Plasticity, Light Brown, Moist | CL Gravelly Sandy CLAY, Low Plasticity, Light Brown, Moist | | |
| MDR Test Results | | | | | | | |
| PCWD (t/m ³) : | 2.16 | 2.12 | 2.10 | 2.19 | 2.18 | | |
| Moisture Variation : | 0.5% | 0.5% | 2.0% | 0.0% | 1.0% | | |
| ADJ PCWD (t/m ³) : | 2.19 | 2.16 | 2.15 | 2.22 | 2.22 | | |
| ADJ Moisture Variation : | 0.5% | 0.5% | 2.0% | 0.0% | 0.5% | | |
| Moisture Test Results : | | | | | | | |
| Field Moisture Content : | 5.5% | 5.5% | 5.0% | 5.5% | 5.5% | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | | |
| Variation from OMC : | 0.5% Dry of OMC | 0.5% Dry of OMC | 2.0% Dry of OMC | 0.0% Dry of OMC | 0.5% Dry of OMC | | |
| Relative Moisture Ratio (Q250) : | - | - | - | - | - | | |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | | |
| Density Test Results | | | | | | | |
| Field Wet Density (t/m ³) : | 2.17 | 2.13 | 2.14 | 2.17 | 2.19 | | |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | | |
| Wet Density Ratio : | 99.0% | 98.5% | 99.5% | 98.0% | 98.5% | | |
| Remarks : | | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | APPROVED SIGNATORY  Ben Pittard - Signatory | | | | | | |
| | Document Number : | RP1 | | | Date : | 4/09/2023 | |

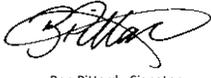
Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|---|---|---|---|---|---|---|
| Client : | Shadforth | | | Report Number : | SR/PTP/12381 - 117/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 21/11/2023 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/226149 | S/226150 | S/226151 | S/226152 | S/226153 | S/226154 |
| Date Tested : | 24/10/2023 | 24/10/2023 | 24/10/2023 | 24/10/2023 | 24/10/2023 | 24/10/2023 |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| For use as : | General Fill | General Fill | General Fill | General Fill | General Fill | General Fill |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b |
| Time : | 10:00 | 10:15 | 10:30 | 10:45 | 11:00 | 11:30 |
| Lot Number : | - | - | - | - | - | - |
| Location 1 : | E 532782 | E 532806 | E 532774 | E 532808 | E 532783 | E 532793 |
| Location 2 : | N 6898941 | N 6898945 | N 6898946 | N 6898951 | N 6898963 | N 6898972 |
| Location 3 : | RL 74.02 | RL 74.02 | RL 74.02 | RL 74.02 | RL 74.02 | RL 74.02 |
| Location 4 : | - | - | - | - | - | - |
| Test Fraction (mm) : | < 37.5mm | < 37.5mm | < 37.5mm | < 37.5mm | < 37.5mm | < 37.5mm |
| Override Wet : | 9% | 7% | 10% | 8% | 12% | 10% |
| Override Density - Dry (t/m ³) : | 2.48 | 2.49 | 2.48 | 2.48 | 2.48 | 2.53 |
| Assigned MDR (Yes/No) : | No | No | No | No | No | No |
| MDR Sample Number : | S/226149 | S/226150 | S/226151 | S/226152 | S/226153 | S/226154 |
| MDR Test Date : | 9/11/2023 | 9/11/2023 | 9/11/2023 | 9/11/2023 | 9/11/2023 | 9/11/2023 |
| Compaction Type : | Standard | Standard | Standard | Standard | Standard | Standard |
| Soil Description : | CL Sandy Gavelly CLAY, Low Plasticity, Light Brown, Moist | CL Sandy Gavelly CLAY, Low Plasticity, Light Brown, Moist | CL Sandy Gavelly CLAY, Low Plasticity, Light Brown, Moist | CL Sandy Gavelly CLAY, Low Plasticity, Light Brown, Moist | CL Sandy Gavelly CLAY, Low Plasticity, Light Brown, Moist | CL Sandy Gavelly CLAY, Low Plasticity, Light Brown, Moist |
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.14 | 2.13 | 2.28 | 2.29 | 2.12 | 2.12 |
| Moisture Variation : | 2.0% | 1.5% | 1.5% | 1.5% | 2.0% | 1.5% |
| ADI PCWD (t/m ³) : | 2.16 | 2.16 | 2.30 | 2.30 | 2.16 | 2.16 |
| ADI Moisture Variation : | 1.5% | 1.5% | 1.0% | 1.5% | 2.0% | 1.0% |
| <i>Moisture Test Results :</i> | | | | | | |
| Field Moisture Content : | 7.0% | 6.0% | 6.0% | 6.5% | 7.0% | 5.0% |
| Moisture Specification : | ±2% of OMC | ±2% of OMC | ±2% of OMC | ±2% of OMC | ±2% of OMC | ±2% of OMC |
| Variation from OMC : | 1.5% Dry of OMC | 1.5% Dry of OMC | 1.0% Dry of OMC | 1.5% Dry of OMC | 2.0% Dry of OMC | 1.0% Dry of OMC |
| Relative Moisture Ratio (Q250) : | - | - | - | - | - | - |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | N/A |
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.13 | 2.13 | 2.33 | 2.34 | 2.14 | 2.13 |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | 98% |
| Wet Density Ratio : | 99.0% | 99.0% | 101.5% | 101.5% | 99.0% | 99.0% |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | APPROVED SIGNATORY  Nick Dobson - Signatory | | | | | |
| | Document Number : RFL Date : 29/09/2023 | | | | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|---|---|---|---|---|---|---|
| Client : | Shadforth | | | Report Number : | SR/PTP/12381 - 118/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 21/11/2023 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 1 of 2 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/226312 | S/226313 | S/226314 | S/226315 | S/226316 | S/226317 |
| Date Tested : | 25/10/2023 | 25/10/2023 | 25/10/2023 | 25/10/2023 | 25/10/2023 | 25/10/2023 |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| For use as : | General Fill | General Fill | General Fill | General Fill | General Fill | General Fill |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b |
| Time : | 06:30 | 06:45 | 07:00 | 07:15 | 07:30 | 07:45 |
| Lot Number : | - | - | - | - | - | - |
| Location 1 : | E 532811 | E 532787 | E 532797 | E 532767 | E 532764 | E 532756 |
| Location 2 : | N 6898968 | N 6898956 | N 6898933 | N 6898938 | N 6898927 | N 6898925 |
| Location 3 : | RL 71.29 | RL 71.29 | RL 71.29 | RL 71.5 | RL 71.5 | RL 71.5 |
| Location 4 : | - | - | - | - | - | - |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm |
| Override Wet : | 9% | 16% | 19% | 12% | 17% | 10% |
| Override Density - Dry (t/m ³) : | 2.41 | 2.33 | 2.42 | 2.39 | 2.42 | 2.38 |
| Assigned MDR (Yes/No) : | No | No | No | No | No | No |
| MDR Sample Number : | S/226312 | S/226313 | S/226314 | S/226315 | S/226316 | S/226317 |
| MDR Test Date : | 8/11/2023 | 8/11/2023 | 8/11/2023 | 8/11/2023 | 8/11/2023 | 8/11/2023 |
| Compaction Type : | Standard | Standard | Standard | Standard | Standard | Standard |
| Soil Description : | CL, Sandy Gravelly CLAY, Low Plasticity, Brown, Dry | CL, Sandy Gravelly CLAY, Low Plasticity, Brown, Dry | CL, Sandy Gravelly CLAY, Low Plasticity, Brown, Dry | CL, Sandy Gravelly CLAY, Low Plasticity, Brown, Dry | CL, Sandy Gravelly CLAY, Low Plasticity, Brown, Dry | CL, Sandy Gravelly CLAY, Low Plasticity, Brown, Dry |
| MDR Test Results | | | | | | |
| PCWD (t/m ³) : | 2.13 | 2.08 | 2.08 | 2.08 | 2.10 | 2.11 |
| Moisture Variation : | 2.0% | 2.5% | 2.5% | 2.0% | 2.0% | 2.0% |
| ADJ PCWD (t/m ³) : | 2.15 | 2.12 | 2.14 | 2.12 | 2.14 | 2.13 |
| ADJ Moisture Variation : | 1.5% | 2.0% | 2.0% | 1.5% | 1.5% | 1.5% |
| Moisture Test Results : | | | | | | |
| Field Moisture Content : | 8.0% | 7.0% | 7.0% | 8.0% | 7.5% | 7.0% |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC |
| Variation from OMC : | 1.5% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 1.5% Dry of OMC | 1.5% Dry of OMC | 1.5% Dry of OMC |
| Relative Moisture Ratio (Q250) : | - | - | - | - | - | - |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | N/A |
| Density Test Results | | | | | | |
| Field Wet Density (t/m ³) : | 2.15 | 2.13 | 2.13 | 2.14 | 2.15 | 2.14 |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | 98% |
| Wet Density Ratio : | 100.0% | 101.0% | 99.5% | 101.0% | 100.5% | 100.5% |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | APPROVED SIGNATORY  Ben Pittard - Signatory | | | | | |
| | Document Number : | RF1 | | | | |
| | | | | Date : | 29/09/2023 | |

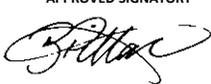
Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|---|---|---|--|----------------------|--|--|
| Client : | Shadforth | | Report Number : | SR/PTP/12381 - 118/1 | | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | Report Date : | 21/11/2023 | | |
| Project Name : | SkyRidge Development | | Test Request : | - | | |
| Project Number : | PTP/12381 | | Page 2 of 2 | | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/226318 | S/226319 | | | | |
| Date Tested : | 25/10/2023 | 25/10/2023 | | | | |
| Material Source : | Onsite | Onsite | | | | |
| For use as : | General Fill | General Fill | | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | | | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | | |
| Time : | 08:00 | 08:15 | | | | |
| Lot Number : | - | - | | | | |
| Location 1 : | E 532738 | E 532735 | | | | |
| Location 2 : | N 6898896 | N 6898877 | | | | |
| Location 3 : | RL 71.8 | RL 71.8 | | | | |
| Location 4 : | - | - | | | | |
| Test Fraction (mm) : | < 19mm | < 19mm | | | | |
| Oversize Wet : | 12% | 12% | | | | |
| Oversize Density - Dry (t/m ³) : | 2.41 | 2.41 | | | | |
| Assigned MDR (Yes/No) : | No | No | | | | |
| MDR Sample Number : | S/226318 | S/226319 | | | | |
| MDR Test Date : | 8/11/2023 | 8/11/2023 | | | | |
| Compaction Type : | Standard | Standard | | | | |
| Soil Description : | CL, Sandy Gravelly CLAY, Low Plasticity, Brown, Dry | CL, Sandy Gravelly CLAY, Low Plasticity, Brown, Dry | | | | |
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.14 | 2.14 | | | | |
| Moisture Variation : | 2.0% | 1.5% | | | | |
| ADJ PCWD (t/m ³) : | 2.17 | 2.17 | | | | |
| ADJ Moisture Variation : | 1.5% | 1.5% | | | | |
| <i>Moisture Test Results :</i> | | | | | | |
| Field Moisture Content : | 7.0% | 7.5% | | | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | | | | |
| Variation from OMC : | 1.5% Dry of OMC | 1.5% Dry of OMC | | | | |
| Relative Moisture Ratio (Q250) : | - | - | | | | |
| Moisture Ratio : | N/A | N/A | | | | |
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.14 | 2.16 | | | | |
| Density Specification : | 98% | 98% | | | | |
| Wet Density Ratio : | 98.5% | 99.5% | | | | |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | | | <p>APPROVED SIGNATORY</p>  <p>Ben Pittard - Signatory</p> | | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|--|---|--|--|--|--|--|
| Client : | Shadforth | | | Report Number : | SR/PTP/12381 - 119/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 21/11/2023 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 1 of 2 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/227298 | S/227299 | S/227300 | S/227301 | S/227302 | S/227303 |
| Date Tested : | 30/10/2023 | 30/10/2023 | 30/10/2023 | 30/10/2023 | 30/10/2023 | 30/10/2023 |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| For use as : | General Fill | General Fill | General Fill | General Fill | General Fill | General Fill |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b |
| Time : | 08:45 | 09:00 | 10:00 | 10:15 | 10:30 | 10:45 |
| Lot Number : | - | - | - | - | - | - |
| Location 1 : | E 532831 | E 532834 | E 532839 | E 532828 | E 532842 | E 532843 |
| Location 2 : | N 6898964 | N 6898985 | N 6898995 | N 6899001 | N 6899002 | N 6899010 |
| Location 3 : | RL 64.4 | RL 63.2 | RL 62.8 | RL 62.7 | RL 62.4 | RL 62.2 |
| Location 4 : | - | - | - | - | - | - |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm |
| Oversize Wet : | 2% | 4% | 9% | 3% | 16% | 6% |
| Oversize Density - Dry (t/m ³) : | 2.46 | 2.65 | 2.36 | 2.55 | 2.58 | 2.48 |
| Assigned MDR (Yes/No) : | No | No | No | No | No | No |
| MDR Sample Number : | S/227298 | S/227299 | S/227300 | S/227301 | S/227302 | S/227303 |
| MDR Test Date : | 10/11/2023 | 10/11/2023 | 10/11/2023 | 10/11/2023 | 10/11/2023 | 10/11/2023 |
| Compaction Type : | Standard | Standard | Standard | Standard | Standard | Standard |
| Soil Description : | CL Gravelly Sandy CLAY, Low Plasticity, Brown, Moist | CL Gravelly Sandy CLAY, Low Plasticity, Brown, Moist | CL Gravelly Sandy CLAY, Low Plasticity, Brown, Moist | CL Gravelly Sandy CLAY, Low Plasticity, Brown, Moist | CL Gravelly Sandy CLAY, Low Plasticity, Brown, Moist | CL Gravelly Sandy CLAY, Low Plasticity, Brown, Moist |
| MDR Test Results | | | | | | |
| PCWD (t/m ³) : | 2.18 | 2.12 | 2.11 | 2.08 | 2.06 | 2.13 |
| Moisture Variation : | 2.0% | 2.5% | 2.0% | 2.0% | 2.0% | 2.0% |
| ADJ PCWD (t/m ³) : | 2.19 | 2.14 | 2.13 | 2.10 | 2.12 | 2.15 |
| ADJ Moisture Variation : | 2.0% | 2.0% | 1.5% | 2.0% | 2.0% | 2.0% |
| Moisture Test Results : | | | | | | |
| Field Moisture Content : | 6.5% | 6.5% | 6.0% | 6.5% | 6.0% | 7.0% |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | 1.5% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC |
| Relative Moisture Ratio (Q250) : | - | - | - | - | - | - |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | N/A |
| Density Test Results | | | | | | |
| Field Wet Density (t/m ³) : | 2.19 | 2.13 | 2.14 | 2.12 | 2.16 | 2.14 |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | 98% |
| Wet Density Ratio : | 100.0% | 100.0% | 100.5% | 101.0% | 101.5% | 99.5% |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | | | | <p>APPROVED SIGNATORY</p>  <p>Ben Pittard - Signatory</p> | | |

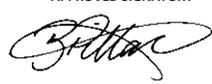
Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|--|---|--|--|--|--|--|
| Client : | Shadforth | | | Report Number : | SR/PTP/12381 - 119/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 21/11/2023 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 2 of 2 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/227304 | S/227305 | S/227306 | S/227307 | S/227308 | S/227309 |
| Date Tested : | 30/10/2023 | 30/10/2023 | 30/10/2023 | 30/10/2023 | 30/10/2023 | 30/10/2023 |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| For use as : | General Fill | General Fill | General Fill | General Fill | General Fill | General Fill |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b |
| Time : | 11:00 | 11:15 | 11:30 | 11:45 | 12:00 | 12:15 |
| Lot Number : | - | - | - | - | - | - |
| Location 1 : | E 532828 | E 532839 | E 532846 | E 532834 | E 532848 | E 532838 |
| Location 2 : | N 6899012 | N 6899017 | N 6899019 | N 6899021 | N 6899028 | N 6899030 |
| Location 3 : | RL 60.9 | RL 60.5 | RL 60.0 | RL 60.1 | RL 59.8 | RL 59.8 |
| Location 4 : | - | - | - | - | - | - |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm |
| Override Wet : | 14% | 8% | 0% | 0% | 0% | 0% |
| Override Density - Dry (t/m ³) : | 2.46 | 2.48 | - | - | - | - |
| Assigned MDR (Yes/No) : | No | No | No | No | No | No |
| MDR Sample Number : | S/227304 | S/227305 | S/227306 | S/227307 | S/227308 | S/227309 |
| MDR Test Date : | 14/11/2023 | 14/11/2023 | 14/11/2023 | 14/11/2023 | 14/11/2023 | 14/11/2023 |
| Compaction Type : | Standard | Standard | Standard | Standard | Standard | Standard |
| Soil Description : | CL Gravelly Sandy CLAY, Low Plasticity, Brown, Moist | CL Gravelly Sandy CLAY, Low Plasticity, Brown, Moist | CL Gravelly Sandy CLAY, Low Plasticity, Brown, Moist | CL Gravelly Sandy CLAY, Low Plasticity, Brown, Moist | CL Gravelly Sandy CLAY, Low Plasticity, Brown, Moist | CL Gravelly Sandy CLAY, Low Plasticity, Brown, Moist |
| MDR Test Results | | | | | | |
| PCWD (t/m ³) : | 2.08 | 2.12 | 2.15 | 2.17 | 2.14 | 2.13 |
| Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% |
| ADJ PCWD (t/m ³) : | 2.12 | 2.15 | - | - | - | - |
| ADI Moisture Variation : | 1.5% | 2.0% | - | - | - | - |
| Moisture Test Results : | | | | | | |
| Field Moisture Content : | 6.5% | 7.0% | 8.5% | 8.0% | 8.0% | 7.5% |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC |
| Variation from OMC : | 1.5% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC |
| Relative Moisture Ratio (Q250) : | - | - | - | - | - | - |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | N/A |
| Density Test Results | | | | | | |
| Field Wet Density (t/m ³) : | 2.18 | 2.15 | 2.12 | 2.24 | 2.16 | 2.16 |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | 98% |
| Wet Density Ratio : | 102.5% | 100.0% | 99.0% | 103.0% | 101.0% | 102.0% |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | | | | <p>APPROVED SIGNATORY</p>  <p>Ben Pittard - Signatory</p> | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | | | |
|---|---|---|---|---|---|---|-----------------|----------------------|
| Client : | Shadforths | | | | | | Report Number : | SR/PTP/12381 - 120/1 |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | | | | Report Date : | 21/11/2023 |
| Project Name : | SkyRidge Development | | | | | | Test Request : | - |
| Project Number : | PTP/12381 | | | | | | Page 1 of 2 | |
| Location : | Worongary | | | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | | | |
| Sample Number : | S/227951 | S/227952 | S/227953 | S/227954 | S/227955 | S/227956 | | |
| Date Tested : | 1/11/2023 | 1/11/2023 | 1/11/2023 | 1/11/2023 | 1/11/2023 | 1/11/2023 | | |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite | | |
| For use as : | General Fill | General Fill | General Fill | General Fill | General Fill | General Fill | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | |
| Time : | 07:30 | 07:45 | 08:00 | 08:15 | 08:30 | 08:45 | | |
| Lot Number : | - | - | - | - | - | - | | |
| Location 1 : | E 532732 | E 532751 | E 532755 | E 532761 | E 532770 | E 532773 | | |
| Location 2 : | N 6899148 | N 6899126 | N 6899138 | N 6899149 | N 6899124 | N 6899134 | | |
| Location 3 : | RL 61.1 | RL 58.6 | RL 58.6 | RL 59.0 | RL 57.4 | RL 57.5 | | |
| Location 4 : | - | - | - | - | - | - | | |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm | | |
| Oversize Wet : | 3% | 2% | 10% | 4% | 6% | 10% | | |
| Oversize Density - Dry (t/m ³) : | 2.39 | 2.28 | 2.48 | 2.58 | 2.51 | 2.42 | | |
| Assigned MDR (Yes/No) : | No | No | No | No | No | No | | |
| MDR Sample Number : | S/227951 | S/227952 | S/227953 | S/227954 | S/227955 | S/227956 | | |
| MDR Test Date : | 14/11/2023 | 14/11/2023 | 14/11/2023 | 14/11/2023 | 14/11/2023 | 14/11/2023 | | |
| Compaction Type : | Standard | Standard | Standard | Standard | Standard | Standard | | |
| Soil Description : | CL Sandy Gravelly CLAY, Medium Plasticity, Brown, Moist | CL Sandy Gravelly CLAY, Medium Plasticity, Brown, Moist | CL Sandy Gravelly CLAY, Medium Plasticity, Brown, Moist | CL Sandy Gravelly CLAY, Medium Plasticity, Brown, Moist | CL Sandy Gravelly CLAY, Medium Plasticity, Brown, Moist | CL Sandy Gravelly CLAY, Medium Plasticity, Brown, Moist | | |
| <i>MDR Test Results</i> | | | | | | | | |
| PCWD (t/m ³) : | 2.20 | 2.15 | 2.14 | 2.21 | 2.18 | 2.12 | | |
| Moisture Variation : | 1.5% | 2.0% | 1.5% | 1.5% | 1.5% | 2.0% | | |
| ADJ PCWD (t/m ³) : | 2.21 | 2.15 | 2.17 | 2.22 | 2.20 | 2.14 | | |
| ADJ Moisture Variation : | 1.5% | 2.0% | 1.0% | 1.5% | 1.5% | 2.0% | | |
| <i>Moisture Test Results</i> | | | | | | | | |
| Field Moisture Content : | 8.0% | 8.0% | 8.0% | 7.5% | 8.0% | 7.5% | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | | |
| Variation from OMC : | 1.5% Dry of OMC | 2.0% Dry of OMC | 1.0% Dry of OMC | 1.5% Dry of OMC | 1.5% Dry of OMC | 2.0% Dry of OMC | | |
| Relative Moisture Ratio (Q250) : | - | - | - | - | - | - | | |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | N/A | | |
| <i>Density Test Results</i> | | | | | | | | |
| Field Wet Density (t/m ³) : | 2.25 | 2.21 | 2.19 | 2.23 | 2.22 | 2.15 | | |
| Density Specification : | 100% | 100% | 100% | 100% | 100% | 100% | | |
| Wet Density Ratio : | 102.0% | 102.5% | 101.0% | 100.0% | 101.0% | 100.5% | | |
| Remarks : | | | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | APPROVED SIGNATORY  Ben Pittard - Signatory | | | | | | | |
| | Document Number : | RF1 | | | | | | Date : |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|---|---|---|---|---|---|---|
| Client : | Shadforth | | | Report Number : | SR/PTP/12381 - 120/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 21/11/2023 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 2 of 2 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/227957 | S/227958 | S/227959 | S/227960 | S/227961 | S/227962 |
| Date Tested : | 1/11/2023 | 1/11/2023 | 1/11/2023 | 1/11/2023 | 1/11/2023 | 1/11/2023 |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| For use as : | General Fill | General Fill | General Fill | General Fill | General Fill | General Fill |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b |
| Time : | 09:00 | 09:15 | 09:30 | 09:45 | 10:00 | 10:15 |
| Lot Number : | - | - | - | - | - | - |
| Location 1 : | E 532785 | E 532787 | E 532798 | E 532802 | E 532803 | E 532810 |
| Location 2 : | N 6899116 | N 6899133 | N 6899109 | N 6899121 | N 6899130 | N 6899105 |
| Location 3 : | RL 55.7 | RL 55.6 | RL 54.7 | RL 53.9 | RL 53.3 | RL 54.4 |
| Location 4 : | - | - | - | - | - | - |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | < 19mm | < 37.5mm | < 19mm |
| Oversize Wet : | 12% | 16% | 16% | 18% | 11% | 16% |
| Oversize Density - Dry (t/m ³) : | 2.47 | 2.42 | 2.47 | 2.52 | 2.46 | 2.47 |
| Assigned MDR (Yes/No) : | No | No | No | No | No | No |
| MDR Sample Number : | S/227957 | S/227958 | S/227959 | S/227960 | S/227961 | S/227962 |
| MDR Test Date : | 14/11/2023 | 14/11/2023 | 14/11/2023 | 14/11/2023 | 14/11/2023 | 14/11/2023 |
| Compaction Type : | Standard | Standard | Standard | Standard | Standard | Standard |
| Soil Description : | CL Sandy Gravelly CLAY, Medium Plasticity, Brown, Moist | CL Sandy Gravelly CLAY, Medium Plasticity, Brown, Moist | CL Sandy Gravelly CLAY, Medium Plasticity, Brown, Moist | CL Sandy Gravelly CLAY, Medium Plasticity, Brown, Moist | CL Sandy Gravelly CLAY, Medium Plasticity, Brown, Moist | CL Sandy Gravelly CLAY, Medium Plasticity, Brown, Moist |
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.13 | 2.16 | 2.08 | 2.09 | 2.12 | 2.18 |
| Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% |
| ADJ PCWD (t/m ³) : | 2.17 | 2.20 | 2.13 | 2.15 | 2.15 | 2.22 |
| ADJ Moisture Variation : | 2.0% | 2.0% | 1.5% | 2.0% | 1.5% | 2.0% |
| <i>Moisture Test Results :</i> | | | | | | |
| Field Moisture Content : | 7.5% | 7.0% | 7.0% | 8.0% | 7.0% | 8.0% |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | 1.5% Dry of OMC | 2.0% Dry of OMC | 1.5% Dry of OMC | 2.0% Dry of OMC |
| Relative Moisture Ratio (Q250) : | - | - | - | - | - | - |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | N/A |
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.19 | 2.22 | 2.14 | 2.16 | 2.15 | 2.26 |
| Density Specification : | 100% | 100% | 100% | 100% | 100% | 100% |
| Wet Density Ratio : | 101.0% | 101.0% | 100.5% | 100.5% | 100.0% | 102.0% |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | APPROVED SIGNATORY  Ben Pittard - Signatory | | | | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|---|---|--|--|--|--|--|
| Client : | Shadforths | | | Report Number : | SR/PTP/12381 - 121/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 21/11/2023 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 1 of 2 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/228490 | S/228491 | S/228492 | S/228493 | S/228494 | S/228495 |
| Date Tested : | 3/11/2023 | 3/11/2023 | 3/11/2023 | 3/11/2023 | 3/11/2023 | 3/11/2023 |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| For use as : | General Fill | General Fill | General Fill | General Fill | General Fill | General Fill |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b |
| Time : | 07:00 | 07:15 | 07:30 | 07:45 | 08:00 | 08:15 |
| Lot Number : | - | - | - | - | - | - |
| Location 1 : | E 532670 | E 532670 | E 532690 | E 532695 | E 532706 | E 532713 |
| Location 2 : | N 6899038 | N 6899059 | N 6899032 | N 6899051 | N 6899035 | N 6899045 |
| Location 3 : | RL 69.2 | RL 68.8 | RL 68.9 | RL 67.9 | RL 68.9 | RL 66.03 |
| Location 4 : | - | - | - | - | - | - |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm |
| Oversize Wet : | 0% | 3% | 20% | 10% | 18% | 17% |
| Oversize Density - Dry (t/m ³) : | - | 2.36 | 2.30 | 2.38 | 2.37 | 2.29 |
| Assigned MDR (Yes/No) : | No | No | No | No | No | No |
| MDR Sample Number : | S/228490 | S/228491 | S/228492 | S/228493 | S/228494 | S/228495 |
| MDR Test Date : | 16/11/2023 | 16/11/2023 | 16/11/2023 | 16/11/2023 | 16/11/2023 | 16/11/2023 |
| Compaction Type : | Standard | Standard | Standard | Standard | Standard | Standard |
| Soil Description : | CL Sandy CLAY trace Gravel, Low Plasticity, Brown, Dry | CL Sandy Gravelly CLAY, Low Plasticity, Brown, Dry | CL Sandy Gravelly CLAY, Low Plasticity, Brown, Dry | CL Sandy Gravelly CLAY, Low Plasticity, Brown, Dry | CL Sandy Gravelly CLAY, Low Plasticity, Brown, Dry | CL Sandy Gravelly CLAY, Low Plasticity, Brown, Dry |
| MDR Test Results | | | | | | |
| PCWD (t/m ³) : | 2.09 | 2.08 | 2.07 | 2.13 | 2.17 | 2.18 |
| Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% |
| ADJ PCWD (t/m ³) : | - | 2.09 | 2.11 | 2.15 | 2.21 | 2.20 |
| ADJ Moisture Variation : | - | 2.0% | 2.0% | 2.0% | 1.5% | 1.5% |
| Moisture Test Results | | | | | | |
| Field Moisture Content : | 8.5% | 8.0% | 7.0% | 7.5% | 7.0% | 8.5% |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 1.5% Dry of OMC | 1.5% Dry of OMC |
| Relative Moisture Ratio (Q250) : | - | - | - | - | - | - |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | N/A |
| Density Test Results | | | | | | |
| Field Wet Density (t/m ³) : | 2.12 | 2.14 | 2.12 | 2.14 | 2.23 | 2.21 |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | 98% |
| Wet Density Ratio : | 101.5% | 102.0% | 100.0% | 99.5% | 101.0% | 100.5% |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | APPROVED SIGNATORY | | |  Ben Pittard - Signatory | | |
| | | | | | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|--|--|--|--|----------------------|--|--|
| Client : | Shadforth | | Report Number : | SR/PTP/12381 - 121/1 | | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | Report Date : | 21/11/2023 | | |
| Project Name : | SkyRidge Development | | Test Request : | - | | |
| Project Number : | PTP/12381 | | Page 2 of 2 | | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/228496 | S/228497 | | | | |
| Date Tested : | 3/11/2023 | 3/11/2023 | | | | |
| Material Source : | Onsite | Onsite | | | | |
| For use as : | General Fill | General Fill | | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | | | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | | |
| Time : | 08:30 | 08:45 | | | | |
| Lot Number : | - | - | | | | |
| Location 1 : | E 532785 | E 532795 | | | | |
| Location 2 : | N 6899014 | N 6899027 | | | | |
| Location 3 : | RL 61.2 | RL 59.8 | | | | |
| Location 4 : | - | - | | | | |
| Test Fraction (mm) : | < 19mm | < 19mm | | | | |
| Oversize Wet : | 5% | 3% | | | | |
| Oversize Density - Dry (t/m ³) : | 2.36 | 2.27 | | | | |
| Assigned MDR (Yes/No) : | No | No | | | | |
| MDR Sample Number : | S/228496 | S/228497 | | | | |
| MDR Test Date : | 15/11/2023 | 15/11/2023 | | | | |
| Compaction Type : | Standard | Standard | | | | |
| Soil Description : | CL Sandy Gravelly CLAY, Low Plasticity, Brown, Dry | CL Sandy Gravelly CLAY, Low Plasticity, Brown, Dry | | | | |
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.20 | 2.20 | | | | |
| Moisture Variation : | 2.5% | 2.0% | | | | |
| ADJ PCWD (t/m ³) : | 2.20 | 2.20 | | | | |
| ADJ Moisture Variation : | 2.0% | 2.0% | | | | |
| <i>Moisture Test Results :</i> | | | | | | |
| Field Moisture Content : | 8.0% | 8.5% | | | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | | | | |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | | | | |
| Relative Moisture Ratio (Q250) : | - | - | | | | |
| Moisture Ratio : | N/A | N/A | | | | |
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.21 | 2.22 | | | | |
| Density Specification : | 98% | 98% | | | | |
| Wet Density Ratio : | 100.5% | 100.5% | | | | |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | | | <p>APPROVED SIGNATORY</p>  <p>Ben Pittard - Signatory</p> | | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|---|---|--|--|--|---|---|
| Client : | Shadforths | | | Report Number : | SR/PTP/12381 - 126/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 22/11/2023 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/227604 | S/227605 | S/227606 | S/227607 | S/227608 | S/227609 |
| Date Tested : | 31/10/2023 | 31/10/2023 | 31/10/2023 | 31/10/2023 | 31/10/2023 | 31/10/2023 |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| For use as : | General Fill | General Fill | General Fill | General Fill | General Fill | General Fill |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b |
| Time : | 10:00 | 10:15 | 10:30 | 10:45 | 11:00 | 11:15 |
| Lot Number : | - | - | - | - | - | - |
| Location 1 : | E 532780 | E 532789 | E 532754 | E 532756 | E 532860 | E 532771 |
| Location 2 : | N 6899013 | N 6899028 | N 6899018 | N 6899034 | N 6899025 | N 6899034 |
| Location 3 : | RL 64.5 | RL 63.8 | RL 66.0 | RL 63.5 | RL 64.0 | RL 63.2 |
| Location 4 : | - | - | - | - | - | - |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | < 37.5mm | < 19mm | < 19mm |
| Oversize Wet : | 13% | 15% | 14% | 15% | 9% | 19% |
| Oversize Density - Dry (t/m ³) : | 2.32 | 2.57 | 2.57 | 2.51 | 2.58 | 2.51 |
| Assigned MDR (Yes/No) : | No | No | No | No | No | No |
| MDR Sample Number : | S/227604 | S/227605 | S/227606 | S/227607 | S/227608 | S/227609 |
| MDR Test Date : | 21/11/2023 | 21/11/2023 | 21/11/2023 | 21/11/2023 | 21/11/2023 | 21/11/2023 |
| Compaction Type : | Standard | Standard | Standard | Standard | Standard | Standard |
| Soil Description : | SW Gravelly SAND trace Clay, Well Graded, Light Brown, Dry | SW Gravelly SAND trace Clay, Well Graded, Light Brown, Dry | SW Gravelly SAND trace Clay, Well Graded, Light Brown, Dry | SW Gravelly SAND trace Clay, Well Graded, Light Brown, Dry | SW Gravelly SAND with Clay, Well Graded, Light Brown, Dry | SW Gravelly SAND with Clay, Well Graded, Light Brown, Dry |
| MDR Test Results | | | | | | |
| PCWD (t/m ³) : | 2.09 | 2.10 | 2.08 | 2.11 | 2.14 | 2.07 |
| Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | 1.0% | 0.0% |
| ADI PCWD (t/m ³) : | 2.12 | 2.16 | 2.14 | 2.16 | 2.18 | 2.14 |
| ADI Moisture Variation : | 2.0% | 1.5% | 2.0% | 2.0% | 0.5% | 0.0% |
| Moisture Test Results : | | | | | | |
| Field Moisture Content : | 5.0% | 5.0% | 4.0% | 4.0% | 9.5% | 9.0% |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC |
| Variation from OMC : | 2.0% Dry of OMC | 1.5% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 0.5% Dry of OMC | 0.0% Dry of OMC |
| Relative Moisture Ratio (Q250) : | - | - | - | - | - | - |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | N/A |
| Density Test Results | | | | | | |
| Field Wet Density (t/m ³) : | 2.16 | 2.18 | 2.18 | 2.13 | 2.16 | 2.17 |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | 98% |
| Wet Density Ratio : | 102.0% | 101.0% | 102.0% | 98.5% | 99.5% | 101.0% |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | APPROVED SIGNATORY  Ben Pittard - Signatory | | | | | |
| | Document Number : | RF1 | | | | |
| | | | | Date : | 29/09/2023 | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|--|---|---|---|--|---|---|
| Client : | Shadforths | | | Report Number : | SR/PTP/12381 - 130/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 23/11/2023 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 1 of 2 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/229832 | S/229834 | S/229835 | S/229836 | S/229837 | S/229838 |
| Date Tested : | 10/11/2023 | 10/11/2023 | 10/11/2023 | 10/11/2023 | 10/11/2023 | 10/11/2023 |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| For use as : | General Fill | General Fill | General Fill | General Fill | General Fill | General Fill |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b |
| Time : | 08:00 | 08:15 | 08:30 | 08:45 | 09:00 | 09:15 |
| Lot Number : | - | - | - | - | - | - |
| Location 1 : | E 532771 | E 532794 | E 532816 | E 532825 | E 532820 | E 532804 |
| Location 2 : | N 6899094 | N 6899094 | N 6899087 | N 6899103 | N 6899113 | N 6899110 |
| Location 3 : | RL 60.56 | RL 59.05 | RL 60.04 | RL 58.6 | RL 57.14 | RL 58.3 |
| Location 4 : | - | - | - | - | - | - |
| Test Fraction (mm) : | < 37.5mm | < 37.5mm | < 37.5mm | < 37.5mm | < 37.5mm | < 37.5mm |
| Oversize Wet : | 13% | 18% | 19% | 19% | 19% | 15% |
| Oversize Density - Dry (t/m ³) : | 2.43 | 2.60 | 2.43 | 2.46 | 2.43 | 2.46 |
| Assigned MDR (Yes/No) : | No | No | No | No | No | No |
| MDR Sample Number : | S/229832 | S/229834 | S/229835 | S/229836 | S/229837 | S/229838 |
| MDR Test Date : | 21/11/2023 | 21/11/2023 | 21/11/2023 | 21/11/2023 | 21/11/2023 | 21/11/2023 |
| Compaction Type : | Standard | Standard | Standard | Standard | Standard | Standard |
| Soil Description : | GP Clayey GRAVEL with Sand, Grey Mottled Brown, Moist | GP Clayey GRAVEL with Sand, Grey Mottled Brown, Moist | GP Clayey GRAVEL with Sand, Grey Mottled Brown, Moist | GP Clayey GRAVEL with Sand, Grey Mottled Brown, Moist | GP Clayey GRAVEL with Sand, Grey Mottled Brown, Moist | GP Clayey GRAVEL with Sand, Grey Mottled Brown, Moist |
| MDR Test Results | | | | | | |
| PCWD (t/m ³) : | 2.18 | 2.15 | 2.20 | 2.25 | 2.26 | 2.29 |
| Moisture Variation : | 2.5% | 2.5% | 2.0% | 2.0% | 1.5% | 2.0% |
| ADJ PCWD (t/m ³) : | 2.21 | 2.22 | 2.24 | 2.29 | 2.29 | 2.32 |
| ADI Moisture Variation : | 2.0% | 2.0% | 1.5% | 2.0% | 1.0% | 1.5% |
| Moisture Test Results | | | | | | |
| Field Moisture Content : | 8.0% | 7.0% | 8.0% | 7.0% | 7.0% | 7.0% |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | 1.5% Dry of OMC | 2.0% Dry of OMC | 1.0% Dry of OMC | 1.5% Dry of OMC |
| Relative Moisture Ratio (Q250) : | - | - | - | - | - | - |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | N/A |
| Density Test Results | | | | | | |
| Field Wet Density (t/m ³) : | 2.23 | 2.21 | 2.24 | 2.32 | 2.30 | 2.35 |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | 98% |
| Wet Density Ratio : | 100.5% | 99.5% | 100.0% | 101.5% | 100.0% | 101.5% |
| Remarks : | | | | | | |
|  Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208 | APPROVED SIGNATORY | | |  Nick Dobson - Signatory | | |
| | Document Number : RF1 | | | | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | |
|---|--|-----------------|---|
| Client : | Shadforth | Report Number : | SR/PTP/12381 - 130/1 |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | Report Date : | 23/11/2023 |
| Project Name : | SkyRidge Development | Test Request : | - |
| Project Number : | PTP/12381 | Page 2 of 2 | |
| Location : | Worongary | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | |
| Sample Number : | S/229839 | | |
| Date Tested : | 10/11/2023 | | |
| Material Source : | Onsite | | |
| For use as : | General Fill | | |
| Test / Layer Depths : | 150 / 175 | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | | |
| Time : | 09:30 | | |
| Lot Number : | - | | |
| Location 1 : | E 532777 | | |
| Location 2 : | N 6899121 | | |
| Location 3 : | RL 60.6 | | |
| Location 4 : | - | | |
| Test Fraction (mm) : | < 37.5mm | | |
| Oversize Wet : | 19% | | |
| Oversize Density - Dry (t/m ³) : | 2.46 | | |
| Assigned MDR (Yes/No) : | No | | |
| MDR Sample Number : | S/229839 | | |
| MDR Test Date : | 21/11/2023 | | |
| Compaction Type : | Standard | | |
| Soil Description : | GP Clayey Sandy GRAVEL, Brown, Moist | | |
| <i>MDR Test Results</i> | | | |
| PCWD (t/m ³) : | 2.22 | | |
| Moisture Variation : | 2.0% | | |
| ADJ PCWD (t/m ³) : | 2.26 | | |
| ADJ Moisture Variation : | 1.5% | | |
| <i>Moisture Test Results :</i> | | | |
| Field Moisture Content : | 7.5% | | |
| Moisture Specification : | +/-2.0% of OMC | | |
| Variation from OMC : | 1.5% Dry of OMC | | |
| Relative Moisture Ratio (Q250) : | - | | |
| Moisture Ratio : | N/A | | |
| <i>Density Test Results</i> | | | |
| Field Wet Density (t/m ³) : | 2.21 | | |
| Density Specification : | 98% | | |
| Wet Density Ratio : | 98.0% | | |
| Remarks : | | | |
|  | Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208 | | APPROVED SIGNATORY  Nick Dobson - Signatory |
| | Document Number : RP1 | | Date : 29/09/2023 |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|---|---|--|--|--|--|--|
| Client : | Shadforths | | | Report Number : | SR/PTP/12381 - 131/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 24/11/2023 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 1 of 2 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/226783 | S/226790 | S/226791 | S/226792 | S/226793 | S/226794 |
| Date Tested : | 27/10/2023 | 27/10/2023 | 27/10/2023 | 27/10/2023 | 27/10/2023 | 27/10/2023 |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| For use as : | General Fill | General Fill | General Fill | General Fill | General Fill | General Fill |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b |
| Time : | 08:30 | 08:45 | 09:00 | 09:15 | 09:30 | 09:45 |
| Lot Number : | - | - | - | - | - | - |
| Location 1 : | E 532674 | E 532683 | E 532695 | E 532693 | E 532717 | E 532703 |
| Location 2 : | N 6898845 | N 6898844 | N 6898496 | N 6898865 | N 6898860 | N 6898875 |
| Location 3 : | RL 94.5 | RL 94.0 | RL 93.5 | RL 93.0 | RL 92.5 | RL 92.0 |
| Location 4 : | - | - | - | - | - | - |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm |
| Oversize Wet : | 5% | 12% | 12% | 4% | 11% | 12% |
| Oversize Density - Dry (t/m ³) : | 2.46 | 2.49 | 2.55 | 2.45 | 2.45 | 2.55 |
| Assigned MDR (Yes/No) : | No | No | No | No | No | No |
| MDR Sample Number : | S/226783 | S/226790 | S/226791 | S/226792 | S/226793 | S/226794 |
| MDR Test Date : | 28/10/2023 | 30/10/2023 | 29/10/2023 | 28/10/2023 | 28/10/2023 | 30/10/2023 |
| Compaction Type : | Standard | Standard | Standard | Standard | Standard | Standard |
| Soil Description : | CL, Sandy Gravelly CLAY, Medium Plasticity, Brown, Moist | CL, Sandy Gravelly CLAY, Medium Plasticity, Brown, Moist | CL, Sandy Gravelly CLAY, Medium Plasticity, Brown, Moist | CL, Sandy Gravelly CLAY, Medium Plasticity, Brown, Moist | CL, Sandy Gravelly CLAY, Medium Plasticity, Brown, Moist | CL, Sandy Gravelly CLAY, Medium Plasticity, Brown, Moist |
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.14 | 2.17 | 2.15 | 2.19 | 2.15 | 2.16 |
| Moisture Variation : | 2.0% | -0.5% | 0.0% | 0.0% | 0.5% | 0.5% |
| ADJ PCWD (t/m ³) : | 2.15 | 2.21 | 2.19 | 2.20 | 2.18 | 2.20 |
| ADJ Moisture Variation : | 2.0% | -0.5% | 0.0% | 0.0% | 0.5% | 0.5% |
| <i>Moisture Test Results</i> | | | | | | |
| Field Moisture Content : | 7.0% | 6.5% | 6.5% | 7.0% | 6.5% | 7.0% |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC |
| Variation from OMC : | 2.0% Dry of OMC | 0.5% Wet of OMC | 0.0% Dry of OMC | 0.0% Dry of OMC | 0.5% Dry of OMC | 0.5% Dry of OMC |
| Relative Moisture Ratio (Q250) : | - | - | - | - | - | - |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | N/A |
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.19 | 2.17 | 2.17 | 2.19 | 2.17 | 2.18 |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | 98% |
| Wet Density Ratio : | 102.0% | 98.0% | 99.0% | 99.5% | 99.0% | 99.0% |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | APPROVED SIGNATORY  Ben Pittard - Signatory | | | | | |
| | Document Number : | RF1 | | | | |
| | | | Date : 29/09/2023 | | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|---|--|--|--|--|--|--|
| Client : | Shadforths | | | Report Number : | SR/PTP/12381 - 131/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 24/11/2023 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 2 of 2 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/226795 | S/226796 | S/226797 | S/226798 | S/226799 | S/226800 |
| Date Tested : | 27/10/2023 | 27/10/2023 | 27/10/2023 | 27/10/2023 | 27/10/2023 | 27/10/2023 |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| For use as : | General Fill | General Fill | General Fill | General Fill | General Fill | General Fill |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b |
| Time : | 10:00 | 10:15 | 10:30 | 10:45 | 11:00 | 11:15 |
| Lot Number : | - | - | - | - | - | - |
| Location 1 : | E 532727 | E 532703 | E 532729 | E 532727 | E 532736 | E 532742 |
| Location 2 : | N 6898864 | N 6898876 | N 6898869 | N 6898883 | N 6898885 | N 6898890 |
| Location 3 : | RL 91.5 | RL 90.0 | RL 90.0 | RL 89.5 | RL 89.0 | RL 88.5 |
| Location 4 : | - | - | - | - | - | - |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm |
| Oversize Wet : | 5% | 3% | 10% | 7% | 6% | 5% |
| Oversize Density - Dry (t/m ³) : | 2.53 | 2.53 | 2.46 | 2.49 | 2.52 | 2.47 |
| Assigned MDR (Yes/No) : | No | No | No | No | No | No |
| MDR Sample Number : | S/226795 | S/226796 | S/226797 | S/226798 | S/226799 | S/226800 |
| MDR Test Date : | 28/10/2023 | 29/10/2023 | 30/10/2023 | 29/10/2023 | 30/10/2023 | 28/10/2023 |
| Compaction Type : | Standard | Standard | Standard | Standard | Standard | Standard |
| Soil Description : | CL, Sandy Gravelly CLAY, Medium Plasticity, Brown, Moist | CL, Sandy Gravelly CLAY, Medium Plasticity, Brown, Moist | CL, Sandy Gravelly CLAY, Medium Plasticity, Brown, Moist | CL, Sandy Gravelly CLAY, Medium Plasticity, Brown, Moist | CL, Sandy Gravelly CLAY, Medium Plasticity, Brown, Moist | CL, Sandy Gravelly CLAY, Medium Plasticity, Brown, Moist |
| MDR Test Results | | | | | | |
| PCWD (t/m ³) : | 2.17 | 2.19 | 2.17 | 2.17 | 2.19 | 2.19 |
| Moisture Variation : | 0.5% | 0.0% | -0.5% | 0.0% | 0.5% | 2.0% |
| ADJ PCWD (t/m ³) : | 2.18 | 2.20 | 2.20 | 2.19 | 2.21 | 2.20 |
| ADI Moisture Variation : | 0.5% | 0.0% | -0.5% | - | 0.5% | 2.0% |
| Moisture Test Results | | | | | | |
| Field Moisture Content : | 7.0% | 7.0% | 6.5% | 6.5% | 7.0% | 7.0% |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC |
| Variation from OMC : | 0.5% Dry of OMC | 0.0% Dry of OMC | 0.5% Wet of OMC | At OMC | 0.5% Dry of OMC | 2.0% Dry of OMC |
| Relative Moisture Ratio (Q250) : | - | - | - | - | - | - |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | N/A |
| Density Test Results | | | | | | |
| Field Wet Density (t/m ³) : | 2.18 | 2.17 | 2.18 | 2.17 | 2.17 | 2.16 |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | 98% |
| Wet Density Ratio : | 100.0% | 99.0% | 99.0% | 99.0% | 98.5% | 98.5% |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | APPROVED SIGNATORY | | |  Ben Pittard - Signatory | | |
| | | | | | | |

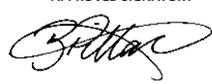
Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|---|---|--|---|--|---|---|
| Client : | Shadforth | | | Report Number : | SR/PTP/12381 - 132/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 24/11/2023 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 1 of 2 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/230255 | S/230256 | S/230257 | S/230258 | S/230259 | S/230260 |
| Date Tested : | 13/11/2023 | 13/11/2023 | 13/11/2023 | 13/11/2023 | 13/11/2023 | 13/11/2023 |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| For use as : | General Fill | General Fill | General Fill | General Fill | General Fill | General Fill |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b |
| Time : | 08:00 | 08:15 | 08:30 | 08:45 | 09:00 | 09:15 |
| Lot Number : | - | - | - | - | - | - |
| Location 1 : | E 532760 | E 532791 | E 532716 | E 532707 | E 532708 | E 532720 |
| Location 2 : | N 6899317 | N 6899313 | N 6899147 | N 6899131 | N 6899111 | N 6899100 |
| Location 3 : | RL 68.3 | RL 72.0 | RL 66.0 | RL 65.0 | RL 67.0 | RL 73.0 |
| Location 4 : | - | - | - | - | - | - |
| Test Fraction (mm) : | < 37.5mm | < 37.5mm | < 19mm | < 19mm | < 19mm | < 19mm |
| Override Wet : | 25% | 22% | 6% | 7% | 17% | 6% |
| Override Density - Dry (t/m ³) : | 2.38 | 2.39 | 2.29 | 2.44 | 2.36 | 2.18 |
| Assigned MDR (Yes/No) : | No | No | No | No | No | No |
| MDR Sample Number : | S/230255 | S/230256 | S/230257 | S/230258 | S/230259 | S/230260 |
| MDR Test Date : | 22/11/2023 | 22/11/2023 | 22/11/2023 | 22/11/2023 | 22/11/2023 | 22/11/2023 |
| Compaction Type : | Standard | Standard | Standard | Standard | Standard | Standard |
| Soil Description : | GW Sandy GRAVEL, Well Graded, Brown, Dry | GW Sandy GRAVEL, Well Graded, Brown, Dry | CL Sandy CLAY, Low Plasticity, Brown, Moist | CL Sandy CLAY, Low Plasticity, Brown, Moist | CL Sandy CLAY, Low Plasticity, Brown, Moist | CL Sandy CLAY, Low Plasticity, Brown, Moist |
| MDR Test Results | | | | | | |
| PCWD (t/m ³) : | Not Testable using this Method | Not Testable using this Method | 2.13 | 2.13 | 2.08 | 2.14 |
| Moisture Variation : | - | - | 2.0% | 2.0% | 2.0% | 2.0% |
| ADJ PCWD (t/m ³) : | - | - | 2.14 | 2.14 | 2.13 | 2.14 |
| ADJ Moisture Variation : | - | - | 1.5% | 2.0% | 1.5% | 1.5% |
| Moisture Test Results : | | | | | | |
| Field Moisture Content : | - | - | 11.0% | 10.0% | 10.5% | 10.5% |
| Moisture Specification : | ±2% of OMC | ±2% of OMC | ±2% of OMC | ±2% of OMC | ±2% of OMC | ±2% of OMC |
| Variation from OMC : | - | - | 1.5% Dry of OMC | 2.0% Dry of OMC | 1.5% Dry of OMC | 1.5% Dry of OMC |
| Relative Moisture Ratio (Q250) : | - | - | - | - | - | - |
| Moisture Ratio : | - | - | N/A | N/A | N/A | N/A |
| Density Test Results | | | | | | |
| Field Wet Density (t/m ³) : | 2.22 | 2.23 | 2.20 | 2.21 | 2.22 | 2.21 |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | 98% |
| Wet Density Ratio : | - | - | 103.0% | 103.0% | 104.0% | 103.5% |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO / IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | | | | <p>APPROVED SIGNATORY</p>  <p>Nick Dobson - Signatory</p> | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|---|--|--|-----------------|--|--|--|
| Client : | Shadforths | | Report Number : | SR/PTP/12381 - 132/1 | | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | Report Date : | 24/11/2023 | | |
| Project Name : | SkyRidge Development | | Test Request : | - | | |
| Project Number : | PTP/12381 | | Page 2 of 2 | | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/230261 | S/230262 | | | | |
| Date Tested : | 13/11/2023 | 13/11/2023 | | | | |
| Material Source : | Onsite | Onsite | | | | |
| For use as : | General Fill | General Fill | | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | | | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | | |
| Time : | 09:30 | 09:45 | | | | |
| Lot Number : | - | - | | | | |
| Location 1 : | E 532732 | E 532737 | | | | |
| Location 2 : | N 6899125 | N 6899136 | | | | |
| Location 3 : | RL 63.0 | RL 63.0 | | | | |
| Location 4 : | - | - | | | | |
| Test Fraction (mm) : | < 19mm | < 19mm | | | | |
| Oversize Wet : | 7% | 10% | | | | |
| Oversize Density - Dry (t/m ³) : | 2.53 | 2.43 | | | | |
| Assigned MDR (Yes/No) : | No | No | | | | |
| MDR Sample Number : | S/230261 | S/230262 | | | | |
| MDR Test Date : | 22/11/2023 | 22/11/2023 | | | | |
| Compaction Type : | Standard | Standard | | | | |
| Soil Description : | SC Clayey SAND trace Gravel, Well Graded, Brown, Dry | SC Clayey SAND trace Gravel, Well Graded, Brown, Dry | | | | |
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.18 | 2.16 | | | | |
| Moisture Variation : | 0.0% | 0.0% | | | | |
| ADJ PCWD (t/m ³) : | 2.20 | 2.19 | | | | |
| ADI Moisture Variation : | - | 0.0% | | | | |
| <i>Moisture Test Results</i> | | | | | | |
| Field Moisture Content : | 10.0% | 9.0% | | | | |
| Moisture Specification : | - | - | | | | |
| Variation from OMC : | At OMC | 0.0% Dry of OMC | | | | |
| Relative Moisture Ratio (Q250) : | - | - | | | | |
| Moisture Ratio : | N/A | N/A | | | | |
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.21 | 2.26 | | | | |
| Density Specification : | 98% | 98% | | | | |
| Wet Density Ratio : | 100.5% | 103.5% | | | | |
| Remarks : | | | | | | |
|  | Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208 | | | APPROVED SIGNATORY  Nick Dobson - Signatory | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|---|---|---|---|---|---|---|
| Client : | Shadforths | | | Report Number : | SR/PTP/12381 - 133/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 24/11/2023 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 1 of 2 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/230514 | S/230515 | S/230516 | S/230517 | S/230518 | S/230519 |
| Date Tested : | 14/11/2023 | 14/11/2023 | 14/11/2023 | 14/11/2023 | 14/11/2023 | 14/11/2023 |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| For use as : | General Fill | General Fill | General Fill | General Fill | General Fill | General Fill |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b |
| Time : | 08:00 | 08:15 | 08:30 | 08:45 | 09:00 | 09:15 |
| Lot Number : | - | - | - | - | - | - |
| Location 1 : | E 532673 | E 532666 | E 532680 | E 532678 | E 532739 | E 532734 |
| Location 2 : | N 6899044 | N 6899062 | N 6899043 | N 6899053 | N 6899027 | N 6899040 |
| Location 3 : | RL 68.0 | RL 67.3 | RL 67.4 | RL 64.5 | RL 66.0 | RL 64.0 |
| Location 4 : | - | - | - | - | - | - |
| Test Fraction (mm) : | < 37.5mm | < 37.5mm | < 37.5mm | < 37.5mm | < 19mm | < 19mm |
| Oversize Wet : | 11% | 15% | 15% | 7% | 14% | 16% |
| Oversize Density - Dry (t/m ³) : | 2.55 | 2.50 | 2.51 | 2.55 | 2.48 | 2.44 |
| Assigned MDR (Yes/No) : | No | No | No | No | No | No |
| MDR Sample Number : | S/230514 | S/230515 | S/230516 | S/230517 | S/230518 | S/230519 |
| MDR Test Date : | 23/11/2023 | 23/11/2023 | 23/11/2023 | 23/11/2023 | 23/11/2023 | 23/11/2023 |
| Compaction Type : | Standard | Standard | Standard | Standard | Standard | Standard |
| Soil Description : | SC, Clayey SAND trace Gravel, Well Graded, Brown, Moist | SC, Clayey SAND trace Gravel, Well Graded, Brown, Moist | SC, Clayey SAND trace Gravel, Well Graded, Brown, Moist | SC, Clayey SAND trace Gravel, Well Graded, Brown, Moist | SC, Clayey SAND trace Gravel, Well Graded, Brown, Moist | SC, Clayey SAND trace Gravel, Well Graded, Brown, Moist |
| MDR Test Results | | | | | | |
| PCWD (t/m ³) : | 2.24 | 2.22 | 2.18 | 2.28 | 2.27 | 2.25 |
| Moisture Variation : | 0.0% | 0.0% | 0.5% | 0.5% | 2.0% | 2.0% |
| ADJ PCWD (t/m ³) : | 2.27 | 2.25 | 2.23 | 2.29 | 2.30 | 2.28 |
| ADJ Moisture Variation : | 0.0% | 0.0% | 0.5% | 0.5% | 2.0% | 2.0% |
| Moisture Test Results : | | | | | | |
| Field Moisture Content : | 6.0% | 6.5% | 9.5% | 11.0% | 5.5% | 4.5% |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC |
| Variation from OMC : | 0.0% Dry of OMC | 0.0% Dry of OMC | 0.5% Dry of OMC | 0.5% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC |
| Relative Moisture Ratio (Q250) : | - | - | - | - | - | - |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | N/A |
| Density Test Results | | | | | | |
| Field Wet Density (t/m ³) : | 2.33 | 2.33 | 2.34 | 2.25 | 2.27 | 2.28 |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | 98% |
| Wet Density Ratio : | 102.5% | 103.5% | 105.0% | 98.0% | 99.0% | 100.0% |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | APPROVED SIGNATORY  Ben Pittard - Signatory | | | | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|---|---|---|-----------------|--|--|--|
| Client : | Shadforths | | Report Number : | SR/PTP/12381 - 133/1 | | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | Report Date : | 24/11/2023 | | |
| Project Name : | SkyRidge Development | | Test Request : | - | | |
| Project Number : | PTP/12381 | | Page 2 of 2 | | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/230520 | S/230521 | | | | |
| Date Tested : | 14/11/2023 | 14/11/2023 | | | | |
| Material Source : | Onsite | Onsite | | | | |
| For use as : | General Fill | General Fill | | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | | | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | | |
| Time : | 09:30 | 09:45 | | | | |
| Lot Number : | - | - | | | | |
| Location 1 : | E 532755 | E 532769 | | | | |
| Location 2 : | N 6899021 | N 6899019 | | | | |
| Location 3 : | RL 64.5 | RL 62.0 | | | | |
| Location 4 : | - | - | | | | |
| Test Fraction (mm) : | < 19mm | < 19mm | | | | |
| Oversize Wet : | 14% | 9% | | | | |
| Oversize Density - Dry (t/m ³) : | 2.44 | 2.50 | | | | |
| Assigned MDR (Yes/No) : | No | No | | | | |
| MDR Sample Number : | S/230520 | S/230521 | | | | |
| MDR Test Date : | 23/11/2023 | 23/11/2023 | | | | |
| Compaction Type : | Standard | Standard | | | | |
| Soil Description : | SC, Clayey SAND trace Gravel, Well Graded, Brown, Moist | SC, Clayey SAND trace Gravel, Well Graded, Brown, Moist | | | | |
| MDR Test Results | | | | | | |
| PCWD (t/m ³) : | 2.16 | 2.21 | | | | |
| Moisture Variation : | 2.0% | 2.0% | | | | |
| ADJ PCWD (t/m ³) : | 2.19 | 2.23 | | | | |
| ADJ Moisture Variation : | 1.5% | 2.0% | | | | |
| Moisture Test Results : | | | | | | |
| Field Moisture Content : | 8.0% | 9.5% | | | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | | | | |
| Variation from OMC : | 1.5% Dry of OMC | 2.0% Dry of OMC | | | | |
| Relative Moisture Ratio (Q250) : | - | - | | | | |
| Moisture Ratio : | N/A | N/A | | | | |
| Density Test Results | | | | | | |
| Field Wet Density (t/m ³) : | 2.27 | 2.26 | | | | |
| Density Specification : | 98% | 98% | | | | |
| Wet Density Ratio : | 103.5% | 101.5% | | | | |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | APPROVED SIGNATORY | | |  Ben Pittard - Signatory | | |
| | | | | | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | |
|------------------|--|-----------------|----------------------|
| Client : | Shadforth | Report Number : | SR/PTP/12381 - 137/1 |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | Report Date : | 13/12/2023 |
| Project Name : | SkyRidge Development | Test Request : | - |
| Project Number : | PTP/12381 | Page 1 of 1 | |
| Location : | Worongary | | |

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|----------------|---|--|--|--|--|
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | |
|----------------|---|--|--|--|--|

| | | | | | | |
|-----------------------|--------------|--------------|--------------|--------------|--|--|
| Sample Number : | S/233499 | S/233500 | S/233501 | S/233502 | | |
| Date Tested : | 6/12/2023 | 6/12/2023 | 6/12/2023 | 6/12/2023 | | |
| Material Source : | Onsite | Onsite | Onsite | Onsite | | |
| For use as : | General Fill | General Fill | General Fill | General Fill | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | | |

| | | | | | | |
|-------------------|-----------------------|-----------------------|-----------------------|-----------------------|--|--|
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | |
| Time : | 09:00 | 09:15 | 09:39 | 09:45 | | |
| Lot Number : | - | - | - | - | | |
| Location 1 : | E 532772 | E 532781 | E 532795 | E 532816 | | |
| Location 2 : | N 6899127 | N 6899127 | N 6899122 | N 6899117 | | |
| Location 3 : | RL 61.18 | RL 60.09 | RL 58.5 | RL 56.0 | | |
| Location 4 : | - | - | - | - | | |

| | | | | | | |
|--|---|---|---|---|--|--|
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | < 19mm | | |
| Oversize Wet : | 6% | 5% | 4% | 0% | | |
| Oversize Density - Dry (t/m ³) : | 2.44 | 2.41 | 2.42 | - | | |
| Assigned MDR (Yes/No) : | No | No | No | No | | |
| MDR Sample Number : | S/233499 | S/233500 | S/233501 | S/233502 | | |
| MDR Test Date : | 8/12/2023 | 8/12/2023 | 8/12/2023 | 8/12/2023 | | |
| Compaction Type : | Standard | Standard | Standard | Standard | | |
| Soil Description : | (CL) Gravelly Sandy CLAY, Low Plasticity, Pale Brown, Moist | (CL) Gravelly Sandy CLAY, Low Plasticity, Pale Brown, Moist | (CL) Gravelly Sandy CLAY, Low Plasticity, Pale Brown, Moist | (CL) Sandy CLAY with Gravel, Low Plasticity, Brown, Moist | | |

| | | | | | | |
|--------------------------------|------|------|------|------|--|--|
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.22 | 2.24 | 2.24 | 2.16 | | |
| Moisture Variation : | 2.0% | 2.0% | 2.0% | 0.0% | | |
| ADJ PCWD (t/m ³) : | 2.23 | 2.24 | 2.25 | - | | |
| ADJ Moisture Variation : | 2.0% | 2.0% | 2.0% | - | | |

| | | | | | | |
|----------------------------------|------------------------|------------------------|------------------------|----------------|--|--|
| <i>Moisture Test Results</i> | | | | | | |
| Field Moisture Content : | 10.0% | 10.5% | 10.0% | 11.5% | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | | |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | At OMC | | |
| Relative Moisture Ratio (Q250) : | - | - | - | - | | |
| Moisture Ratio : | N/A | N/A | N/A | N/A | | |

| | | | | | | |
|---|---------------|---------------|--------------|---------------|--|--|
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.28 | 2.24 | 2.21 | 2.16 | | |
| Density Specification : | 98% | 98% | 98% | 98% | | |
| Wet Density Ratio : | 102.0% | 100.0% | 98.0% | 100.0% | | |

| | | | | | | |
|------------------------------------|--|--|--|--|--|--|
| Soil Particle Density (APD) Date : | | | | | | |
| Remarks : | | | | | | |

| | | | | | |
|---|---|--|--|--|--|
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | APPROVED SIGNATORY  Nick Dobson - Signatory | | | | |
| | Document Number : RFL Date : 17/12/2023 | | | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | | |
|---|---|--|--|--|-----------------|----------------------|--|
| Client : | Shadforth | | | | Report Number : | SR/PTP/12381 - 138/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | | Report Date : | 13/12/2023 | |
| Project Name : | SkyRidge Development | | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | | |
| Sample Number : | S/233503 | S/233504 | S/233505 | S/233506 | | | |
| Date Tested : | 6/12/2023 | 6/12/2023 | 6/12/2023 | 6/12/2023 | | | |
| Material Source : | Onsite | Onsite | Onsite | Onsite | | | |
| For use as : | General Fill | General Fill | General Fill | General Fill | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | |
| Time : | 10:00 | 10:15 | 10:30 | 10:45 | | | |
| Lot Number : | - | - | - | - | | | |
| Location 1 : | E 532722 | E 532746 | E 532759 | E 532771 | | | |
| Location 2 : | N 6899034 | N 6899039 | N 6899022 | N 6899024 | | | |
| Location 3 : | RL 70.94 | RL 70.3 | RL 70.71 | RL 79.9 | | | |
| Location 4 : | - | - | - | - | | | |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | < 19mm | | | |
| Override Wet : | 0% | 0% | 6% | 8% | | | |
| Override Density - Dry (t/m ³) : | - | - | 2.39 | 2.52 | | | |
| Assigned MDR (Yes/No) : | No | No | No | No | | | |
| MDR Sample Number : | S/233503 | S/233504 | S/233505 | S/233506 | | | |
| MDR Test Date : | 8/12/2023 | 8/12/2023 | 8/12/2023 | 8/12/2023 | | | |
| Compaction Type : | Standard | Standard | Standard | Standard | | | |
| Soil Description : | (Cl) Gravelly Sandy CLAY, Medium Plasticity, Brown, Moist | (CL) Sandy CLAY with Gravel, Low Plasticity, Pale Brown, Moist | (CL) Sandy CLAY with Gravel, Low Plasticity, Pale Brown, Moist | (Cl) Gravelly Sandy CLAY, Medium Plasticity, Brown, Moist | | | |
| <i>MDR Test Results</i> | | | | | | | |
| PCWD (t/m ³) : | 2.22 | 2.09 | 2.09 | 2.18 | | | |
| Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | | | |
| ADJ PCWD (t/m ³) : | - | - | 2.10 | 2.20 | | | |
| ADJ Moisture Variation : | - | - | 2.0% | 2.0% | | | |
| <i>Moisture Test Results :</i> | | | | | | | |
| Field Moisture Content : | 12.5% | 12.0% | 11.5% | 11.0% | | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | | | |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | | | |
| Relative Moisture Ratio (Q250) : | - | - | - | - | | | |
| Moisture Ratio : | N/A | N/A | N/A | N/A | | | |
| <i>Density Test Results</i> | | | | | | | |
| Field Wet Density (t/m ³) : | 2.22 | 2.11 | 2.10 | 2.22 | | | |
| Density Specification : | 98% | 98% | 98% | 98% | | | |
| Wet Density Ratio : | 100.0% | 101.0% | 100.0% | 100.5% | | | |
| Soil Particle Density (APD) Date : | | | | | | | |
| Remarks : | | | | | | | |
|  <p>Accredited for Compliance with ISO/IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | | | | <p>APPROVED SIGNATORY</p>  <p>Nick Dobson - Signatory</p> | | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | | |
|---|---|---|---|---|-----------------|----------------------|--|
| Client : | Shadforth | | | | Report Number : | SR/PTP/12381 - 142/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | | Report Date : | 15/12/2023 | |
| Project Name : | SkyRidge Development | | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | | |
| Sample Number : | S/233905 | S/233906 | S/233907 | S/233908 | | | |
| Date Tested : | 8/12/2023 | 8/12/2023 | 8/12/2023 | 8/12/2023 | | | |
| Material Source : | Onsite | Onsite | Onsite | Onsite | | | |
| For use as : | General Fill | General Fill | General Fill | General Fill | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | |
| Time : | 08:30 | 08:45 | 09:00 | 09:15 | | | |
| Lot Number : | - | - | - | - | | | |
| Location 1 : | E 532768 | E 532791 | E 532802 | E 532817 | | | |
| Location 2 : | N 6899101 | N 6899112 | N 6899092 | N 6890989 | | | |
| Location 3 : | RL 60.0 | RL 58.0 | RL 59.37 | RL 59.99 | | | |
| Location 4 : | - | - | - | - | | | |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | < 19mm | | | |
| Upsize Wet : | 0% | 6% | 3% | 6% | | | |
| Upsize Density - Dry (t/m ³) : | - | 2.51 | 2.39 | 2.43 | | | |
| Assigned MDR (Yes/No) : | No | No | No | No | | | |
| MDR Sample Number : | S/233905 | S/233906 | S/233907 | S/233908 | | | |
| MDR Test Date : | 13/12/2023 | 13/12/2023 | 13/12/2023 | 13/12/2023 | | | |
| Compaction Type : | Standard | Standard | Standard | Standard | | | |
| Soil Description : | (SW) Clayey Gravelly SAND, Well Graded, Pale Brown, Moist | (SW) Clayey Gravelly SAND, Well Graded, Pale Brown, Moist | (SW) Clayey Gravelly SAND, Well Graded, Pale Brown, Moist | (SW) Clayey Gravelly SAND, Well Graded, Pale Brown, Moist | | | |
| <i>MDR Test Results</i> | | | | | | | |
| PCWD (t/m ³) : | 2.18 | 2.17 | 2.20 | 2.19 | | | |
| Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | | | |
| ADJ PCWD (t/m ³) : | - | 2.19 | 2.21 | 2.21 | | | |
| ADJ Moisture Variation : | - | 2.0% | 2.0% | 2.0% | | | |
| <i>Moisture Test Results :</i> | | | | | | | |
| Field Moisture Content : | 9.5% | 9.0% | 9.0% | 9.0% | | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | | | |
| Variation from OMC : | 2.0% Dry of OMC | | | |
| Relative Moisture Ratio (Q250) : | - | - | - | - | | | |
| Moisture Ratio : | N/A | N/A | N/A | N/A | | | |
| <i>Density Test Results</i> | | | | | | | |
| Field Wet Density (t/m ³) : | 2.20 | 2.19 | 2.16 | 2.16 | | | |
| Density Specification : | 98% | 98% | 98% | 98% | | | |
| Wet Density Ratio : | 100.5% | 100.0% | 98.0% | 98.0% | | | |
| Soil Particle Density (APD) Date : | | | | | | | |
| Remarks : | | | | | | | |
|  <p>Accredited for Compliance with ISO/IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | | | | <p>APPROVED SIGNATORY</p>  <p>Nick Dobson - Signatory</p> | | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | |
|------------------|--|-----------------|----------------------|
| Client : | Shadforth | Report Number : | SR/PTP/12381 - 143/1 |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | Report Date : | 15/12/2023 |
| Project Name : | SkyRidge Development | Test Request : | - |
| Project Number : | PTP/12381 | Page 1 of 1 | |
| Location : | Worongary | | |

| | | | | | | |
|----------------|---|--|--|--|--|--|
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
|----------------|---|--|--|--|--|--|

| | | | | | | |
|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Sample Number : | S/233910 | S/233911 | S/233912 | S/233913 | S/233914 | S/233915 |
| Date Tested : | 8/12/2023 | 8/12/2023 | 8/12/2023 | 8/12/2023 | 8/12/2023 | 8/12/2023 |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| For use as : | General Fill |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 |

| | | | | | | |
|-------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Sampling Method : | AS1289.1.2.1 - cl6.4b |
| Time : | 10:00 | 10:15 | 10:30 | 10:45 | 11:00 | 11:15 |
| Lot Number : | - | - | - | - | - | - |
| Location 1 : | E 532668 | E 532822 | E 532693 | E 532706 | E 532691 | E 532712 |
| Location 2 : | N 6899045 | N 6899040 | N 6899036 | N 6899041 | N 6898885 | N 6898866 |
| Location 3 : | RL 73.16 | RL 72.32 | RL 72.0 | RL 71.35 | RL 94.96 | RL 91.36 |
| Location 4 : | - | - | - | - | - | - |

| | | | | | | |
|--|--|--|--|--|--|--|
| Test Fraction (mm) : | < 19mm | < 37.5mm | < 19mm | < 19mm | < 19mm | < 19mm |
| Oversize Wet : | 5% | 16% | 13% | 17% | 16% | 18% |
| Oversize Density - Dry (t/m ³) : | 2.45 | 2.35 | 2.41 | 2.42 | 2.24 | 2.39 |
| Assigned MDR (Yes/No) : | No | No | No | No | No | No |
| MDR Sample Number : | S/233910 | S/233911 | S/233912 | S/233913 | S/233914 | S/233915 |
| MDR Test Date : | 13/12/2023 | 13/12/2023 | 13/12/2023 | 13/12/2023 | 13/12/2023 | 13/12/2023 |
| Compaction Type : | Standard | Standard | Standard | Standard | Standard | Standard |
| Soil Description : | (CL) Gravelly Sandy CLAY, Low Plasticity, Brown, Moist | (CL) Gravelly Sandy CLAY, Low Plasticity, Brown, Moist | (CL) Gravelly Sandy CLAY, Low Plasticity, Brown, Moist | (CL) Gravelly Sandy CLAY, Low Plasticity, Brown, Moist | (CL) Gravelly Sandy CLAY, Low Plasticity, Brown, Moist | (CL) Gravelly Sandy CLAY, Low Plasticity, Brown, Moist |

| | | | | | | |
|--------------------------------|------|------|------|------|------|------|
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.15 | 2.13 | 2.15 | 2.11 | 2.14 | 2.11 |
| Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% |
| ADJ PCWD (t/m ³) : | 2.16 | 2.16 | 2.18 | 2.15 | 2.16 | 2.16 |
| ADJ Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% |

| | | | | | | |
|----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| <i>Moisture Test Results :</i> | | | | | | |
| Field Moisture Content : | 10.0% | 9.5% | 9.0% | 8.5% | 9.0% | 8.0% |
| Moisture Specification : | +/-2.0% of OMC |
| Variation from OMC : | 2.0% Dry of OMC |
| Relative Moisture Ratio (Q250) : | - | - | - | - | - | - |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | N/A |

| | | | | | | |
|---|---------------|---------------|--------------|---------------|---------------|---------------|
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.16 | 2.17 | 2.15 | 2.22 | 2.20 | 2.19 |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | 98% |
| Wet Density Ratio : | 100.0% | 100.5% | 99.0% | 103.0% | 102.0% | 101.5% |

| | |
|------------------------------------|--|
| Soil Particle Density (APD) Date : | |
| Remarks : | |

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|---|---|
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | APPROVED SIGNATORY  Nick Dobson - Signatory |
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Soil Compaction and Density Tests Report - Compaction Control

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|--|--|---|---|---|---|---|
| Client : | Shadforth | | | Report Number : | SR/PTP/12381 - 144/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 15/12/2023 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/234274 | S/234275 | S/234276 | S/234277 | S/234278 | S/234279 |
| Date Tested : | 11/12/2023 | 11/12/2023 | 11/12/2023 | 11/12/2023 | 11/12/2023 | 11/12/2023 |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| For use as : | General Fill | General Fill | General Fill | General Fill | General Fill | General Fill |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b |
| Time : | 11:00 | 11:15 | 11:30 | 11:45 | 12:00 | 12:15 |
| Lot Number : | - | - | - | - | - | - |
| Location 1 : | E 532674 | E 532684 | E 532694 | E 532711 | E 532727 | E 532757 |
| Location 2 : | N 6899052 | N 6899050 | N 6899074 | N 6899049 | N 6899042 | N 6899035 |
| Location 3 : | RL 71.82 | RL 70.92 | RL 70.8 | RL 70.0 | RL 68.0 | RL 68.0 |
| Location 4 : | - | - | - | - | - | - |
| Test Fraction (mm) : | < 37.5mm | < 37.5mm | < 37.5mm | < 37.5mm | < 37.5mm | < 37.5mm |
| Oversize Wet : | 5% | 11% | 8% | 12% | 8% | 6% |
| Oversize Density - Dry (t/m ³) : | 2.35 | 2.28 | 2.35 | 2.35 | 2.41 | 2.47 |
| Assigned MDR (Yes/No) : | No | No | No | No | No | No |
| MDR Sample Number : | S/234274 | S/234275 | S/234276 | S/234277 | S/234278 | S/234279 |
| MDR Test Date : | 13/12/2023 | 13/12/2023 | 13/12/2023 | 13/12/2023 | 13/12/2023 | 13/12/2023 |
| Compaction Type : | Standard | Standard | Standard | Standard | Standard | Standard |
| Soil Description : | (SW) Clayey Gravelly SAND, Well Graded, Pale Grey, Mottled White, Dry | (SW) Clayey Gravelly SAND, Well Graded, Pale Grey, Mottled White, Dry | (SW) Clayey Gravelly SAND, Well Graded, Pale Grey, Mottled White, Dry | (SW) Clayey Gravelly SAND, Well Graded, Pale Grey, Mottled White, Dry | (SW) Clayey Gravelly SAND, Well Graded, Pale Grey, Mottled White, Dry | (SW) Clayey Gravelly SAND, Well Graded, Pale Grey, Mottled White, Dry |
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.15 | 2.13 | 2.13 | 2.12 | 2.14 | 2.12 |
| Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.5% | 2.0% | 2.0% |
| ADJ PCWD (t/m ³) : | 2.15 | 2.14 | 2.15 | 2.14 | 2.16 | 2.13 |
| ADJ Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% |
| <i>Moisture Test Results :</i> | | | | | | |
| Field Moisture Content : | 9.0% | 8.5% | 10.0% | 7.5% | 8.5% | 7.5% |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC |
| Relative Moisture Ratio (Q250) : | - | - | - | - | - | - |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | N/A |
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.12 | 2.14 | 2.14 | 2.14 | 2.13 | 2.15 |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | 98% |
| Wet Density Ratio : | 98.5% | 100.0% | 99.5% | 99.5% | 99.0% | 101.0% |
| Soil Particle Density (APD) Date : | | | | | | |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | APPROVED SIGNATORY | | | | | |
| |  Nick Dobson - Signatory | | | | | |

Soil Compaction and Density Tests Report - Compaction Control

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|--|---|--|--|--|--|--|--------|
| Client : | Shadforth | | | Report Number : | SR/PTP/12381 - 153/1 | | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 23/01/2024 | | |
| Project Name : | SkyRidge Development | | | Test Request : | - | | |
| Project Number : | PTP/12381 | | | Page 1 of 1 | | | |
| Location : | Worongary | | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | | |
| Sample Number : | S/235004 | S/235005 | S/235006 | S/235007 | S/235008 | S/235009 | |
| Date Tested : | 14/12/2023 | 14/12/2023 | 14/12/2023 | 14/12/2023 | 14/12/2023 | 14/12/2023 | |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite | |
| For use as : | General Fill | General Fill | General Fill | General Fill | General Fill | General Fill | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | |
| Time : | 10:30 | 10:45 | 11:00 | 11:15 | 11:30 | 11:04 | |
| Lot Number : | - | - | - | - | - | - | |
| Location 1 : | E 532667 | E 532674 | E 532683 | E 532700 | E 532716 | E 532730 | |
| Location 2 : | N 6899059 | N 6899047 | N 6899043 | N 6899045 | N 6899042 | N 6899033 | |
| Location 3 : | RL 70.8 | RL 70.8 | RL 68.5 | RL 65.5 | RL 63.8 | RL 63.5 | |
| Location 4 : | - | - | - | - | - | - | |
| Test Fraction (mm) : | < 19mm | < 37.5mm | |
| OverSize Wet : | 19% | 10% | 13% | 5% | 6% | 9% | |
| OverSize Density - Dry (t/m ³) : | 2.47 | 2.43 | 2.35 | 2.46 | 2.49 | 2.44 | |
| Assigned MDR (Yes/No) : | No | No | No | No | No | No | |
| MDR Sample Number : | S/235004 | S/235005 | S/235006 | S/235007 | S/235008 | S/235009 | |
| MDR Test Date : | 19/01/2024 | 19/01/2024 | 19/01/2024 | 19/01/2024 | 19/01/2024 | 19/01/2024 | |
| Compaction Type : | Standard | Standard | Standard | Standard | Standard | Standard | |
| Soil Description : | (CL, SP) Clayey Gravelly SAND, Low Plasticity, Well Graded, Grey, Dry | (SW) Gravelly SAND, Well Graded, Grey, Moist | |
| <i>MDR Test Results</i> | | | | | | | |
| PCWD (t/m ³) : | 1.97 | 2.14 | 2.13 | 2.15 | 2.14 | 2.13 | |
| Moisture Variation : | 4.5% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | |
| ADJ PCWD (t/m ³) : | 2.05 | 2.17 | 2.16 | 2.16 | 2.16 | 2.16 | |
| ADJ Moisture Variation : | 4.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | |
| <i>Moisture Test Results :</i> | | | | | | | |
| Field Moisture Content : | 6.0% | 6.0% | 6.0% | 6.5% | 6.0% | 6.5% | |
| Moisture Specification : | - | - | - | - | - | - | |
| Variation from OMC : | 4.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | |
| Relative Moisture Ratio (Q250) : | - | - | - | - | - | - | |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | N/A | |
| <i>Density Test Results</i> | | | | | | | |
| Field Wet Density (t/m ³) : | 2.08 | 2.15 | 2.15 | 2.15 | 2.15 | 2.16 | |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | 98% | |
| Wet Density Ratio : | 101.5% | 99.0% | 99.5% | 99.5% | 99.5% | 100.0% | |
| Soil Particle Density (APD) Date : | | | | | | | |
| Remarks : | | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast</p> <p>Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | APPROVED SIGNATORY  Nick Dobson - Signatory | | | | | | |
| | Document Number : | RF1 | | | | | Date : |

Soil Compaction and Density Tests Report - Compaction Control

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|------------------|--|-----------------|----------------------|
| Client : | Shadforth | Report Number : | SR/PTP/12381 - 154/1 |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | Report Date : | 25/01/2024 |
| Project Name : | SkyRidge Development | Test Request : | - |
| Project Number : | PTP/12381 | Page 1 of 1 | |
| Location : | Worongary | | |

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|----------------|---|--|--|--|--|
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | |
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|-----------------------|--------------|--------------|--------------|--------------|--|--|
| Sample Number : | S/235510 | S/235511 | S/235512 | S/235513 | | |
| Date Tested : | 18/12/2023 | 18/12/2023 | 18/12/2023 | 18/12/2023 | | |
| Material Source : | Onsite | Onsite | Onsite | Onsite | | |
| For use as : | General Fill | General Fill | General Fill | General Fill | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | | |

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|-------------------|-----------------------|-----------------------|-----------------------|-----------------------|--|--|
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | |
| Time : | 10:00 | 10:15 | 10:30 | 10:45 | | |
| Lot Number : | - | - | - | - | | |
| Location 1 : | E 532679 | E 532727 | E 532747 | E 532764 | | |
| Location 2 : | N 6898834 | N 6898872 | N 6898878 | N 6898901 | | |
| Location 3 : | RL 100.0 | RL 87.0 | RL 84.0 | RL 77.6 | | |
| Location 4 : | - | - | - | - | | |

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|--|--|--|--|--|--|--|
| Test Fraction (mm) : | < 19mm | < 37.5mm | < 19mm | < 19mm | | |
| Oversize Wet : | 19% | 8% | 14% | 13% | | |
| Oversize Density - Dry (t/m ³) : | 2.67 | 2.56 | 6.92 | 15.59 | | |
| Assigned MDR (Yes/No) : | No | No | No | No | | |
| MDR Sample Number : | S/235510 | S/235511 | S/235512 | S/235513 | | |
| MDR Test Date : | 24/01/2024 | 24/01/2024 | 24/01/2024 | 24/01/2024 | | |
| Compaction Type : | Standard | Standard | Standard | Standard | | |
| Soil Description : | (CL) Gravelly CLAY with Sand, Low Plasticity, Brown, Moist | (CL) Gravelly CLAY with Sand, Low Plasticity, Brown, Moist | (CL) Sandy Gravelly CLAY, Low Plasticity, Brown, Moist | (CL) Sandy Gravelly CLAY, Low Plasticity, Brown, Moist | | |

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| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.14 | 2.17 | 2.08 | 2.05 | | |
| Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.5% | | |
| ADJ PCWD (t/m ³) : | 2.22 | 2.20 | 2.32 | 2.32 | | |
| ADJ Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | | |

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| <i>Moisture Test Results :</i> | | | | | | |
| Field Moisture Content : | 6.0% | 6.5% | 6.5% | 6.0% | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | | |
| Variation from OMC : | 2.0% Dry of OMC | | |
| Relative Moisture Ratio (Q250) : | - | - | - | - | | |
| Moisture Ratio : | N/A | N/A | N/A | N/A | | |

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| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.25 | 2.20 | 2.36 | 2.37 | | |
| Density Specification : | 98% | 98% | 98% | 98% | | |
| Wet Density Ratio : | 101.5% | 100.0% | 101.5% | 102.0% | | |

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| Soil Particle Density (APD) Date : | | | | | | |
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| Remarks : | | | | | | |
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|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | APPROVED SIGNATORY  Nick Dobson - Signatory | | | | |
| | Document Number : RF-1 Date : 7/12/2023 | | | | |

Soil Compaction and Density Tests Report - Compaction Control

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|------------------|--|-----------------|----------------------|
| Client : | Shadforth | Report Number : | SR/PTP/12381 - 155/1 |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | Report Date : | 25/01/2024 |
| Project Name : | SkyRidge Development | Test Request : | - |
| Project Number : | PTP/12381 | Page 1 of 2 | |
| Location : | Worongary | | |

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|----------------|---|--|--|--|--|--|
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
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|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Sample Number : | S/235674 | S/235675 | S/235676 | S/235677 | S/235678 | S/235679 |
| Date Tested : | 19/12/2023 | 19/12/2023 | 19/12/2023 | 19/12/2023 | 19/12/2023 | 19/12/2023 |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| For use as : | General Fill |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 |

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|-------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Sampling Method : | AS1289.1.2.1 - cl6.4b |
| Time : | 10:00 | 10:15 | 10:30 | 10:45 | 11:00 | 11:15 |
| Lot Number : | - | - | - | - | - | - |
| Location 1 : | E 532695 | E 532707 | E 532721 | E 532722 | E 532733 | E 532737 |
| Location 2 : | N 6899669 | N 6899077 | N 6899058 | N 6899069 | N 6899053 | N 6899063 |
| Location 3 : | RL 77.9 | RL 77.7 | RL 77.5 | RL 77.3 | RL 77.1 | RL 76.9 |
| Location 4 : | - | - | - | - | - | - |

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|--|--|--|--|--|--|--|
| Test Fraction (mm) : | < 37.5mm |
| Oversize Wet : | 13% | 11% | 16% | 14% | 8% | 11% |
| Oversize Density - Dry (t/m ³) : | 2.40 | 2.36 | 2.45 | 2.49 | 2.42 | 2.43 |
| Assigned MDR (Yes/No) : | No | No | No | No | No | No |
| MDR Sample Number : | S/235674 | S/235675 | S/235676 | S/235677 | S/235678 | S/235679 |
| MDR Test Date : | 24/01/2024 | 24/01/2024 | 24/01/2024 | 24/01/2024 | 24/01/2024 | 24/01/2024 |
| Compaction Type : | Standard | Standard | Standard | Standard | Standard | Standard |
| Soil Description : | (CL) Sandy Gravelly CLAY, Low Plasticity, Brown, Moist | (CL) Sandy Gravelly CLAY, Low Plasticity, Brown, Moist | (CL) Sandy Gravelly CLAY, Low Plasticity, Brown, Moist | (CL) Sandy Gravelly CLAY, Low Plasticity, Brown, Moist | (CL) Sandy Gravelly CLAY, Low Plasticity, Brown, Moist | (CL) Sandy Gravelly CLAY, Low Plasticity, Brown, Moist |

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| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.11 | 2.14 | 2.12 | 2.11 | 2.12 | 2.12 |
| Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% |
| ADJ PCWD (t/m ³) : | 2.14 | 2.16 | 2.16 | 2.15 | 2.14 | 2.15 |
| ADJ Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% |

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|----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| <i>Moisture Test Results :</i> | | | | | | |
| Field Moisture Content : | 7.5% | 7.0% | 7.0% | 8.0% | 7.5% | 7.5% |
| Moisture Specification : | +/-2.0% of OMC |
| Variation from OMC : | 2.0% Dry of OMC |
| Relative Moisture Ratio (Q250) : | - | - | - | - | - | - |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | N/A |

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|---|---------------|--------------|--------------|---------------|---------------|---------------|
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.19 | 2.14 | 2.14 | 2.16 | 2.16 | 2.15 |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | 98% |
| Wet Density Ratio : | 102.0% | 99.0% | 99.0% | 100.5% | 101.0% | 100.0% |

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| Soil Particle Density (APD) Date : | | | | | | |
| Remarks : | | | | | | |

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| <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | <p>APPROVED SIGNATORY</p> <p>Nick Dobson - Signatory</p> |
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Soil Compaction and Density Tests Report - Compaction Control

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|------------------|--|-----------------|----------------------|
| Client : | Shadforth | Report Number : | SR/PTP/12381 - 155/1 |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | Report Date : | 25/01/2024 |
| Project Name : | SkyRidge Development | Test Request : | - |
| Project Number : | PTP/12381 | Page 2 of 2 | |
| Location : | Worongary | | |

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|----------------|---|--|--|
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | |
|----------------|---|--|--|

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|-----------------------|--------------|--------------|--|--|--|--|
| Sample Number : | S/235680 | S/235681 | | | | |
| Date Tested : | 19/12/2023 | 19/12/2023 | | | | |
| Material Source : | Onsite | Onsite | | | | |
| For use as : | General Fill | General Fill | | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | | | | |

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|-------------------|-----------------------|-----------------------|--|--|--|--|
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | | |
| Time : | 11:30 | 11:45 | | | | |
| Lot Number : | - | - | | | | |
| Location 1 : | E 532746 | E 532761 | | | | |
| Location 2 : | N 6899053 | N 6899048 | | | | |
| Location 3 : | RL 76.9 | RL 76.7 | | | | |
| Location 4 : | - | - | | | | |

| | | | | | | |
|--|--|--|--|--|--|--|
| Test Fraction (mm) : | < 37.5mm | < 37.5mm | | | | |
| Override Wet : | 11% | 14% | | | | |
| Override Density - Dry (t/m ³) : | 2.40 | 2.36 | | | | |
| Assigned MDR (Yes/No) : | No | No | | | | |
| MDR Sample Number : | S/235680 | S/235681 | | | | |
| MDR Test Date : | 23/01/2024 | 23/01/2024 | | | | |
| Compaction Type : | Standard | Standard | | | | |
| Soil Description : | (CL) Sandy Gravelly CLAY, Low Plasticity, Brown, Moist | (CL) Sandy Gravelly CLAY, Low Plasticity, Brown, Moist | | | | |

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|--------------------------------|------|------|--|--|--|--|
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.10 | 2.12 | | | | |
| Moisture Variation : | 2.0% | 2.0% | | | | |
| ADJ PCWD (t/m ³) : | 2.13 | 2.15 | | | | |
| ADJ Moisture Variation : | 2.0% | 2.0% | | | | |

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|----------------------------------|------------------------|------------------------|--|--|--|--|
| <i>Moisture Test Results</i> | | | | | | |
| Field Moisture Content : | 8.0% | 7.0% | | | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | | | | |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | | | | |
| Relative Moisture Ratio (Q250) : | - | - | | | | |
| Moisture Ratio : | N/A | N/A | | | | |

| | | | | | | |
|---|---------------|--------------|--|--|--|--|
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.14 | 2.13 | | | | |
| Density Specification : | 98% | 98% | | | | |
| Wet Density Ratio : | 100.5% | 99.0% | | | | |

| | | | | | | |
|------------------------------------|--|--|--|--|--|--|
| Soil Particle Density (APD) Date : | | | | | | |
| Remarks : | | | | | | |

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|--|---|
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | <p>APPROVED SIGNATORY</p>  <p>Nick Dobson - Signatory</p> |
|--|---|

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|---|--|--|--|----------------------|--|--|
| Client : | Shadforth | | Report Number : | SR/PTP/12381 - 157/1 | | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | Report Date : | 19/02/2024 | | |
| Project Name : | SkyRidge Development | | Test Request : | - | | |
| Project Number : | PTP/12381 | | Page 1 of 1 | | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/237649 | S/237650 | | | | |
| Date Tested : | 24/01/2024 | 24/01/2024 | | | | |
| Material Source : | Onsite | Onsite | | | | |
| For use as : | General Fill | General Fill | | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | | | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4a | AS1289.1.2.1 - cl6.4a | | | | |
| Time : | 11:45 | 12:15 | | | | |
| Lot Number : | - | - | | | | |
| Location 1 : | E 532063 | E 532731 | | | | |
| Location 2 : | N 6898839 | N 6888856 | | | | |
| Location 3 : | RL 100.0 | RL 95.0 | | | | |
| Location 4 : | - | - | | | | |
| Test Fraction (mm) : | < 37.5mm | < 37.5mm | | | | |
| Oversize Wet : | 19% | 30% | | | | |
| Oversize Density - Dry (t/m ³) : | 2.26 | 2.29 | | | | |
| Assigned MDR (Yes/No) : | No | No | | | | |
| MDR Sample Number : | S/237649 | S/237650 | | | | |
| MDR Test Date : | 12/02/2024 | 12/02/2024 | | | | |
| Compaction Type : | Standard | Standard | | | | |
| Soil Description : | (CL) Sandy Gravelly CLAY, Low Plasticity, Brown, Moist | (CL) Sandy Gravelly CLAY, Low Plasticity, Brown, Moist | | | | |
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.33 | Not Testable using this Method | | | | |
| Moisture Variation : | 2.0% | - | | | | |
| ADJ PCWD (t/m ³) : | 2.31 | - | | | | |
| ADJ Moisture Variation : | 1.5% | - | | | | |
| <i>Moisture Test Results :</i> | | | | | | |
| Field Moisture Content : | 4.5% | 4.5% | | | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | | | | |
| Variation from OMC : | 1.5% Dry of OMC | - | | | | |
| Relative Moisture Ratio (Q250) : | - | - | | | | |
| Moisture Ratio : | N/A | - | | | | |
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.34 | 2.41 | | | | |
| Density Specification : | 98% | 98% | | | | |
| Wet Density Ratio : | 101.5% | - | | | | |
| Soil Particle Density (APD) Date : | | | | | | |
| Remarks : | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, ORMEAU, QLD 4208</p> | | | <p>APPROVED SIGNATORY</p>  <p>Nick Dobson - Signatory</p> | | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | |
|------------------|--|-----------------|----------------------|
| Client : | Shadforth | Report Number : | SR/PTP/12381 - 159/1 |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | Report Date : | 17/04/2024 |
| Project Name : | SkyRidge Development | Test Request : | - |
| Project Number : | PTP/12381 | Page 1 of 1 | |
| Location : | Worongary | | |

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|----------------|---|--|--|--|--|
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | |
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|-----------------------|------------|------------|------------|------------|--|--|
| Sample Number : | S/247188 | S/247189 | S/247190 | S/247191 | | |
| Date Tested : | 10/04/2024 | 10/04/2024 | 10/04/2024 | 10/04/2024 | | |
| Material Source : | Onsite | Onsite | Onsite | Onsite | | |
| For use as : | Capping | Capping | Capping | Capping | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | | |

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|-------------------|-------------------------|-------------------------|-------------------------|-------------------------|--|--|
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | |
| Time : | 07:30 | 07:45 | 08:00 | 08:15 | | |
| Lot Number : | - | - | - | - | | |
| Location 1 : | Lot 1142 | Lot 1135 | Lot 1136 | Lot 1141 | | |
| Location 2 : | Centre of Lot | Centre of Lot | Centre of Lot | Centre of Lot | | |
| Location 3 : | 0.3m Below Finish Level | | |
| Location 4 : | - | - | - | - | | |

| | | | | | | |
|--|--|--|--|--|--|--|
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | < 19mm | | |
| Oversize Wet : | 0% | 13% | 16% | 9% | | |
| Oversize Density - Dry (t/m ³) : | - | 2.18 | 2.26 | 2.24 | | |
| Assigned MDR (Yes/No) : | No | No | No | No | | |
| MDR Sample Number : | S/247188 | S/247189 | S/247190 | S/247191 | | |
| MDR Test Date : | 16/04/2024 | 16/04/2024 | 16/04/2024 | 16/04/2024 | | |
| Compaction Type : | HILF-STD | HILF-STD | HILF-STD | HILF-STD | | |
| Soil Description : | (SC, CL) Gravelly Sandy CLAY, Low Plasticity, Fine Grained, Brown, Moist | (SC, CL) Gravelly Sandy CLAY, Low Plasticity, Fine Grained, Brown, Moist | (SC, CL) Gravelly Sandy CLAY, Low Plasticity, Fine Grained, Brown, Moist | (SC, CL) Gravelly Sandy CLAY, Low Plasticity, Fine Grained, Brown, Moist | | |

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|--------------------------------|------|------|------|------|--|--|
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.11 | 2.14 | 2.11 | 2.11 | | |
| Moisture Variation : | 0.0% | 0.0% | 0.0% | 0.0% | | |
| ADJ PCWD (t/m ³) : | - | 2.15 | 2.13 | 2.12 | | |
| ADJ Moisture Variation : | - | 0.0% | 0.0% | 0.0% | | |

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|--------------------------------|-----------------|-----------------|-----------------|-----------------|--|--|
| <i>Moisture Test Results :</i> | | | | | | |
| Field Moisture Content : | 12.0% | 11.5% | 11.0% | 12.0% | | |
| Moisture Specification : | - | - | - | - | | |
| Variation from OMC : | 0.0% Wet of OMC | | |
| Moisture Ratio : | N/A | N/A | N/A | N/A | | |

| | | | | | | |
|---|--------|--------|--------|--------|--|--|
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.15 | 2.15 | 2.14 | 2.15 | | |
| Density Specification : | 98% | 98% | 98% | 98% | | |
| Wet Density Ratio : | 102.0% | 100.0% | 100.5% | 101.0% | | |

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|-----------|--|--|--|--|--|--|
| Remarks : | | | | | | |
|-----------|--|--|--|--|--|--|

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|  <p>World Recognised Accreditation</p> | <p>Note: The results contained in this report relate only to the item/s that were tested/sampled</p> <p>Accredited for Compliance with ISO/ IEC 17025 - Testing</p> <p>Protest Engineering (Gold Coast) Accreditation Number - 19667</p> <p>Base Laboratory Site Number - 22838 - Gold Coast</p> <p>Base Laboratory Address - 8/36 Blanck Street, Ormeau, 4208, QLD</p> | <p>APPROVED SIGNATORY</p>  <p>Joshua Andres - Signatory</p> |
| | Document Number : RF1 | Date : 13/03/2024 |

Soil Compaction and Density Tests Report - Compaction Control

| | | | |
|------------------|--|-----------------|----------------------|
| Client : | Shadforths | Report Number : | SR/PTP/12381 - 164/1 |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | Report Date : | 26/04/2024 |
| Project Name : | SkyRidge Development | Test Request : | - |
| Project Number : | PTP/12381 | Page 1 of 1 | |
| Location : | Worongary | | |

| | |
|----------------|---|
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, |
|----------------|---|

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|-----------------------|------------|------------|------------|------------|------------|--|
| Sample Number : | S/248311 | S/248312 | S/248313 | S/248314 | S/248315 | |
| Date Tested : | 17/04/2024 | 17/04/2024 | 17/04/2024 | 17/04/2024 | 17/04/2024 | |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | |
| For use as : | Capping | Capping | Capping | Capping | Capping | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | |

| | | | | | | |
|-------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--|
| Sampling Method : | AS1289.1.2.1 - cl6.4b | |
| Time : | 10:30 | 10:45 | 11:00 | 11:15 | 11:45 | |
| Lot Number : | - | - | - | - | - | |
| Location 1 : | Lot 1133 | Lot 1134 | Lot 1143 | Lot 1140 | Lot 1131 | |
| Location 2 : | Centre of Lot | |
| Location 3 : | 0.3m Below Finish Level | |
| Location 4 : | - | - | - | - | - | |

| | | | | | | |
|--|---|---|---|---|---|--|
| Test Fraction (mm) : | < 19mm | |
| Oversize Wet : | 13% | 4% | 12% | 6% | 11% | |
| Oversize Density - Dry (t/m ³) : | 2.35 | 2.44 | 2.44 | 2.25 | 2.34 | |
| Assigned MDR (Yes/No) : | No | No | No | No | No | |
| MDR Sample Number : | S/248311 | S/248312 | S/248313 | S/248314 | S/248315 | |
| MDR Test Date : | 26/04/2024 | 26/04/2024 | 26/04/2024 | 26/04/2024 | 26/04/2024 | |
| Compaction Type : | HILF-STD | HILF-STD | HILF-STD | HILF-STD | HILF-STD | |
| Soil Description : | (SC, CL) Sandy CLAY, Low Plasticity, Fine Grained, Brown, Moist | (SC, CL) Sandy CLAY, Low Plasticity, Fine Grained, Brown, Moist | (SC, CL) Sandy CLAY, Low Plasticity, Fine Grained, Brown, Moist | (SC, CL) Sandy CLAY, Low Plasticity, Fine Grained, Brown, Moist | (SC, CL) Sandy CLAY, Low Plasticity, Fine Grained, Brown, Moist | |

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|--------------------------------|------|------|------|------|------|--|
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.08 | 2.08 | 2.08 | 2.08 | 2.09 | |
| Moisture Variation : | 0.5% | 0.0% | 0.5% | 0.0% | 0.5% | |
| ADJ PCWD (t/m ³) : | 2.11 | 2.10 | 2.12 | 2.09 | 2.11 | |
| ADJ Moisture Variation : | 0.5% | 0.0% | 0.5% | 0.0% | 0.5% | |

| | | | | | | |
|------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|--|
| <i>Moisture Test Results</i> | | | | | | |
| Field Moisture Content : | 9.0% | 10.5% | 9.0% | 10.5% | 8.5% | |
| Moisture Specification : | - | - | - | - | - | |
| Variation from OMC : | 0.5% Dry of OMC | 0.0% Dry of OMC | 0.5% Dry of OMC | 0.0% Dry of OMC | 0.5% Dry of OMC | |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | |

| | | | | | | |
|---|--------|--------|--------|--------|--------|--|
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.12 | 2.13 | 2.11 | 2.14 | 2.15 | |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | |
| Wet Density Ratio : | 100.0% | 101.5% | 100.0% | 102.5% | 101.5% | |

| | |
|-----------|--|
| Remarks : | |
|-----------|--|

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|  <p>WORLD RECOGNISED ACCREDITATION</p> | <p>Note: The results contained in this report relate only to the item/s that were tested/sampled</p> <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast</p> <p>Base Laboratory Address - 8/36 Blanck Street, Ormeau, 4208, QLD</p> | <p>APPROVED SIGNATORY</p>  <p>Joshua Andres - Signatory</p> |
| | <p>Document Number : RF1</p> | <p>Date : 13/03/2024</p> |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|--|---|--|--|-----------------|----------------------|--|
| Client : | Shadforth | | | Report Number : | SR/PTP/12381 - 166/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 3/05/2024 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/249364 | S/249365 | S/249366 | | | |
| Date Tested : | 24/04/2024 | 24/04/2024 | 24/04/2024 | | | |
| Material Source : | Onsite | Onsite | Onsite | | | |
| For use as : | Capping | Capping | Capping | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | |
| Time : | 10:30 | 10:45 | 11:00 | | | |
| Lot Number : | - | - | - | | | |
| Location 1 : | E 532885 | E 532895 | E 532808 | | | |
| Location 2 : | N 689933 | N 6879325 | N 6899306 | | | |
| Location 3 : | 0.4m Below Finish Level | 0.4m Below Finish Level | 0.4m Below Finish Level | | | |
| Location 4 : | - | - | - | | | |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | | | |
| Oversize Wet : | 18% | 10% | 10% | | | |
| Oversize Density - Dry (t/m ³) : | 2.47 | 2.22 | 2.43 | | | |
| Assigned MDR (Yes/No) : | No | No | No | | | |
| MDR Sample Number : | S/249364 | S/249365 | S/249366 | | | |
| MDR Test Date : | 1/05/2024 | 1/05/2024 | 1/05/2024 | | | |
| Compaction Type : | HILF-STD | HILF-STD | HILF-STD | | | |
| Soil Description : | (SC,CI) Sandy CLAY with Gravel, Medium Plasticity, Fine Grained, Grey, Moist | (SC,CI) Sandy CLAY with Gravel, Medium Plasticity, Fine Grained, Grey, Moist | (SC,CI) Sandy CLAY with Gravel, Medium Plasticity, Fine Grained, Grey, Moist | | | |
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.12 | 2.21 | 2.22 | | | |
| Moisture Variation : | 0.0% | 0.0% | 0.0% | | | |
| ADJ PCWD (t/m ³) : | 2.18 | 2.21 | 2.24 | | | |
| ADJ Moisture Variation : | 0.0% | 0.0% | 0.0% | | | |
| <i>Moisture Test Results :</i> | | | | | | |
| Field Moisture Content : | 14.5% | 14.0% | 13.5% | | | |
| Moisture Specification : | - | - | - | | | |
| Variation from OMC : | 0.0% Dry of OMC | 0.0% Dry of OMC | 0.0% Dry of OMC | | | |
| Moisture Ratio : | N/A | N/A | N/A | | | |
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.23 | 2.23 | 2.29 | | | |
| Density Specification : | 98% | 98% | 98% | | | |
| Wet Density Ratio : | 102.5% | 101.5% | 102.5% | | | |
| Remarks : | | | | | | |
|  <p>Note: The results contained in this report relate only to the Item/s that were tested/sampled</p> <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast</p> <p>Base Laboratory Address - 8/36 Blanck Street, Ormeau, 4208, QLD</p> | APPROVED SIGNATORY  Joshua Andres - Signatory | | | | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | | |
|--|---|--|--|--|-----------------|----------------------|--|
| Client : | Shadforth | | | | Report Number : | SR/PTP/12381 - 167/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | | Report Date : | 3/05/2024 | |
| Project Name : | SkyRidge Development | | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | | |
| Sample Number : | S/249603 | S/249604 | S/249605 | S/249606 | | | |
| Date Tested : | 29/04/2024 | 29/04/2024 | 29/04/2024 | 29/04/2024 | | | |
| Material Source : | Onsite | Onsite | Onsite | Onsite | | | |
| For use as : | Capping | Capping | Capping | Capping | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | |
| Time : | 10:00 | 10:15 | 10:30 | 11:30 | | | |
| Lot Number : | - | - | - | - | | | |
| Location 1 : | Lot 1127 | Lot 1128 | Lot 1129 | Lot 1130 | | | |
| Location 2 : | E 532596 | E 532710 | E 532728 | E 532474 | | | |
| Location 3 : | N 6898822 | N 6898838 | N 6898846 | N 6898850 | | | |
| Location 4 : | 0.4m Below Finish Level | 0.4m Below Finish Level | 0.4m Below Finish Level | 0.4m Below Finish Level | | | |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | < 19mm | | | |
| Oversize Wet : | 16% | 20% | 13% | 16% | | | |
| Oversize Density - Dry (t/m ³) : | 2.08 | 2.05 | 2.14 | 2.12 | | | |
| Assigned MDR (Yes/No) : | No | No | No | No | | | |
| MDR Sample Number : | S/249603 | S/249604 | S/249605 | S/249606 | | | |
| MDR Test Date : | 2/05/2024 | 2/05/2024 | 2/05/2024 | 2/05/2024 | | | |
| Compaction Type : | HILF-STD | HILF-STD | HILF-STD | HILF-STD | | | |
| Soil Description : | (SC, CL) Sandy CLAY trace Gravel, Low Plasticity, Fine Grained, Brown, Mottled Orange, Moist | (SM, GW) Silty Sandy GRAVEL, Coarse Grained, Pale Brown, Mottled Orange, Moist | (SM, GW) Silty Sandy GRAVEL, Coarse Grained, Pale Brown, Mottled Orange, Moist | (SM, GW) Silty Sandy GRAVEL, Coarse Grained, Pale Brown, Mottled Orange, Moist | | | |
| MDR Test Results | | | | | | | |
| PCWD (t/m ³) : | 2.18 | 2.18 | 2.22 | 2.19 | | | |
| Moisture Variation : | 2.5% | 2.5% | 2.5% | 2.5% | | | |
| ADJ PCWD (t/m ³) : | 2.16 | 2.15 | 2.21 | 2.18 | | | |
| ADJ Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.5% | | | |
| Moisture Test Results : | | | | | | | |
| Field Moisture Content : | 10.5% | 7.0% | 7.5% | 7.5% | | | |
| Moisture Specification : | - | - | - | - | | | |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.5% Dry of OMC | | | |
| Moisture Ratio : | N/A | N/A | N/A | N/A | | | |
| Density Test Results | | | | | | | |
| Field Wet Density (t/m ³) : | 2.24 | 2.24 | 2.21 | 2.22 | | | |
| Density Specification : | 98% | 98% | 98% | 98% | | | |
| Wet Density Ratio : | 104.0% | 104.0% | 100.5% | 102.0% | | | |
| Remarks : | | | | | | | |
|  <p>Note: The results contained in this report relate only to the Item/s that were tested/sampled</p> <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast</p> <p>Base Laboratory Address - 8/36 Blanck Street, Ormeau, 4208, QLD</p> | <p>APPROVED SIGNATORY</p>  <p>Joshua Andres - Signatory</p> | | | | | | |
| | | | | <p>Document Number : RF1</p> <p>Date : 13/03/2024</p> | | | |

Soil Compaction and Density Tests Report - Compaction Control

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|------------------|--|-----------------|----------------------|
| Client : | Shadforth | Report Number : | SR/PTP/12381 - 168/1 |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | Report Date : | 8/05/2024 |
| Project Name : | SkyRidge Development | Test Request : | - |
| Project Number : | PTP/12381 | Page 1 of 1 | |
| Location : | Worongary | | |

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|----------------|---|--|--|
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | |
|----------------|---|--|--|

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|-----------------------|--------------|--------------|--|--|--|--|
| Sample Number : | S/249601 | S/249602 | | | | |
| Date Tested : | 29/04/2024 | 29/04/2024 | | | | |
| Material Source : | Onsite | Onsite | | | | |
| For use as : | General Fill | General Fill | | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | | | | |

| | | | | | | |
|-------------------|----------------------------|----------------------------|--|--|--|--|
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | | |
| Time : | 11:00 | 11:15 | | | | |
| Lot Number : | - | - | | | | |
| Location 1 : | Lots 1027 - 1033 Extend | Lots 1027 - 1033 Extend | | | | |
| Location 2 : | E 532955 | E 532961 | | | | |
| Location 3 : | N 6899323 | N 6899305 | | | | |
| Location 4 : | 1.5m Below Finish Level | 1m Below Finish Level | | | | |

| | | | | | | |
|---------------------------------|--|---|--|--|--|--|
| Test Fraction (mm) : | < 37.5mm | < 19mm | | | | |
| Oversize Wet : | 18% | 12% | | | | |
| Oversize Density - Dry (t/m³) : | 2.47 | 2.41 | | | | |
| Assigned MDR (Yes/No) : | No | No | | | | |
| MDR Sample Number : | S/249601 | S/249602 | | | | |
| MDR Test Date : | 3/05/2024 | 3/05/2024 | | | | |
| Compaction Type : | HILF-STD | HILF-STD | | | | |
| Soil Description : | (SC, CL) Gravelly Sandy CLAY, Low Plasticity, Fine Grained, Brown, Moist | (SC, CL) Sandy CLAY with Gravel, Low Plasticity, Fine Grained, Brown, Moist | | | | |

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|--------------------------|------|------|--|--|--|--|
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m3) : | 2.12 | 2.16 | | | | |
| Moisture Variation : | 0.0% | 0.0% | | | | |
| ADJ PCWD (t/m3) : | 2.17 | 2.19 | | | | |
| ADJ Moisture Variation : | 0.0% | 0.0% | | | | |

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|--------------------------------|-----------------|-----------------|--|--|--|--|
| <i>Moisture Test Results :</i> | | | | | | |
| Field Moisture Content : | 11.0% | 11.5% | | | | |
| Moisture Specification : | - | - | | | | |
| Variation from OMC : | 0.0% Dry of OMC | 0.0% Dry of OMC | | | | |
| Moisture Ratio : | N/A | N/A | | | | |

| | | | | | | |
|-----------------------------|-------|-------|--|--|--|--|
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m3) : | 2.15 | 2.15 | | | | |
| Density Specification : | 98% | 98% | | | | |
| Wet Density Ratio : | 99.0% | 98.5% | | | | |

| | | | | | | |
|-----------|--|--|--|--|--|--|
| Remarks : | | | | | | |
|-----------|--|--|--|--|--|--|

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|---|--|--|--|---|-------------------|--|
|  <p>WORLD RECOGNISED ACCREDITATION</p> | <p>Note: The results contained in this report relate only to the item/s that were tested/sampled</p> <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast</p> <p>Base Laboratory Address - 8/36 Blanck Street, Ormeau, 4208, QLD</p> | | | <p>APPROVED SIGNATORY</p>  <p>Joshua Andres - Signatory</p> | | |
| | Document Number : RF1 | | | | Date : 13/03/2024 | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | |
|------------------|--|-----------------|----------------------|
| Client : | Shadforth | Report Number : | SR/PTP/12381 - 182/1 |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | Report Date : | 31/05/2024 |
| Project Name : | SkyRidge Development | Test Request : | - |
| Project Number : | PTP/12381 | Page 1 of 1 | |
| Location : | Worongary | | |

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|----------------|---|--|--|--|--|--|
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
|----------------|---|--|--|--|--|--|

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|-----------------------|------------|------------|------------|------------|------------|------------|
| Sample Number : | S/252270 | S/252275 | S/252276 | S/252277 | S/252278 | S/252279 |
| Date Tested : | 20/05/2024 | 20/05/2024 | 20/05/2024 | 20/05/2024 | 20/05/2024 | 20/05/2024 |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| For use as : | Capping | Capping | Capping | Capping | Capping | Capping |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 |

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|-------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Sampling Method : | AS1289.1.2.1 - cl6.4b |
| Time : | 08:00 | 08:15 | 08:30 | 08:45 | 09:00 | 09:15 |
| Lot Number : | - | - | - | - | - | - |
| Location 1 : | Lot 1014 | Lot 1022 | Lot 1021 | Lot 1020 | Lot 1019 | Lot 1015 |
| Location 2 : | E 532868 | E 532877 | E 532883 | E 532893 | E 532886 | E 532857 |
| Location 3 : | N 6899358 | N 6899346 | N 6939333 | N 6939319 | N 6899303 | N 6898335 |
| Location 4 : | 0.1m Below Finish Level |

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|--|--|--|--|--|--|--|
| Test Fraction (mm) : | < 19mm | < 37.5mm | < 19mm | < 19mm | < 19mm | < 19mm |
| Oversize Wet : | 16% | 22% | 16% | 18% | 17% | 13% |
| Oversize Density - Dry (t/m ³) : | 2.53 | 2.57 | 2.49 | 2.60 | 2.50 | 2.54 |
| Assigned MDR (Yes/No) : | No | No | No | No | No | No |
| MDR Sample Number : | S/252270 | S/252275 | S/252276 | S/252277 | S/252278 | S/252279 |
| MDR Test Date : | 28/05/2024 | 28/05/2024 | 28/05/2024 | 28/05/2024 | 28/05/2024 | 28/05/2024 |
| Compaction Type : | HILF-STD | HILF-STD | HILF-STD | HILF-STD | HILF-STD | HILF-STD |
| Soil Description : | (GW) Sandy GRAVEL, Coarse-Grained, Grey, Moist |

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|--------------------------------|------|--------------------------------|------|------|------|------|
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.34 | Not Testable using this Method | 2.36 | 2.32 | 2.34 | 2.34 |
| Moisture Variation : | 0.0% | - | 0.0% | 0.0% | 0.0% | 0.0% |
| ADJ PCWD (t/m ³) : | 2.37 | - | 2.38 | 2.37 | 2.36 | 2.36 |
| ADJ Moisture Variation : | 0.0% | - | 0.0% | 0.0% | 0.0% | 0.0% |

| | | | | | | |
|--------------------------------|-----------------|------|-----------------|-----------------|-----------------|-----------------|
| <i>Moisture Test Results :</i> | | | | | | |
| Field Moisture Content : | 7.0% | 6.5% | 7.5% | 7.0% | 6.5% | 7.5% |
| Moisture Specification : | - | - | - | - | - | - |
| Variation from OMC : | 0.0% Dry of OMC | - | 0.0% Dry of OMC |
| Moisture Ratio : | N/A | - | N/A | N/A | N/A | N/A |

| | | | | | | |
|---|--------|------|--------|--------|--------|--------|
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.41 | 2.38 | 2.41 | 2.41 | 2.40 | 2.41 |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | 98% |
| Wet Density Ratio : | 102.0% | - | 101.5% | 102.0% | 101.5% | 102.0% |

| | |
|-----------|--|
| Remarks : | |
|-----------|--|

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|---|--|---|
|  <p>World Heilaccredited ACCREDITATION</p> | <p>Note: The results contained in this report relate only to the Item/s that were tested/sampled</p> <p>Accredited for Compliance with ISO/ IEC 17025 - Testing</p> <p>Protest Engineering (Gold Coast) Accreditation Number - 19667</p> <p>Base Laboratory Site Number - 22838 - Gold Coast</p> <p>Base Laboratory Address - 8/36 Blanck Street, Ormeau, 4208, QLD</p> | <p>APPROVED SIGNATORY</p>  <p>Joshua Andres - Signatory</p> |
| | Document Number : RF1 | Date : 13/03/2024 |

Soil Compaction and Density Tests Report - Compaction Control

| | | | |
|------------------|--|-----------------|----------------------|
| Client : | Shadforth | Report Number : | SR/PTP/12381 - 203/1 |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | Report Date : | 11/06/2024 |
| Project Name : | SkyRidge Development | Test Request : | - |
| Project Number : | PTP/12381 | Page 1 of 1 | |
| Location : | Worongary | | |

| | |
|----------------|---|
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, |
|----------------|---|

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|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Sample Number : | S/254687 | S/254688 | S/254689 | S/254690 | S/254691 | S/254692 |
| Date Tested : | 4/06/2024 | 4/06/2024 | 4/06/2024 | 4/06/2024 | 4/06/2024 | 4/06/2024 |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| For use as : | General Fill |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 |

| | | | | | | |
|-------------------|--|--|--|--|--|--|
| Sampling Method : | AS1289.1.2.1 - cl6.4b |
| Time : | 09:00 | 09:15 | 09:30 | 09:45 | 10:00 | 10:15 |
| Lot Number : | - | - | - | - | - | - |
| Location 1 : | Stage 10/11 - Lot 1068 - Remediation Works | Stage 10/11 - Lot 1069 - Remediation Works | Stage 10/11 - Lot 1070 - Remediation Works | Stage 10/11 - Lot 1071 - Remediation Works | Stage 10/11 - Lot 1068 - Remediation Works | Stage 10/11 - Lot 1069 - Remediation Works |
| Location 2 : | E 532866 | E 532865 | E 532858 | E 532856 | E 5328691 | E 532869 |
| Location 3 : | N 6899060 | N 6899044 | N 6899021 | N 6889006 | N 6899064 | N 6899964 |
| Location 4 : | 0.6m Below Finish Level | 0.3m Below Finish Level | 0.3m Below Finish Level |

| | | | | | | |
|--|---|---|---|---|---|---|
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | < 37.5mm | < 19mm | < 19mm |
| Oversize Wet : | 15% | 20% | 14% | 18% | 17% | 14% |
| Oversize Density - Dry (t/m ³) : | 2.13 | 2.08 | 2.03 | 2.13 | 2.02 | 2.08 |
| Assigned MDR (Yes/No) : | No | No | No | No | No | No |
| MDR Sample Number : | S/254687 | S/254688 | S/254689 | S/254690 | S/254691 | S/254692 |
| MDR Test Date : | 11/06/2024 | 11/06/2024 | 11/06/2024 | 11/06/2024 | 11/06/2024 | 11/06/2024 |
| Compaction Type : | HILF-STD | HILF-STD | HILF-STD | HILF-STD | HILF-STD | HILF-STD |
| Soil Description : | (CL) Sandy CLAY with Gravel, Low Plasticity, Brown, Moist | (CL) Sandy CLAY with Gravel, Low Plasticity, Brown, Moist | (CL) Sandy CLAY with Gravel, Low Plasticity, Brown, Moist | (CL) Sandy CLAY with Gravel, Low Plasticity, Brown, Moist | (CL) Sandy CLAY with Gravel, Low Plasticity, Brown, Moist | (CL) Sandy CLAY with Gravel, Low Plasticity, Brown, Moist |

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|--------------------------------|------|------|------|------|------|------|
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.14 | 2.17 | 2.13 | 2.13 | 2.12 | 2.12 |
| Moisture Variation : | 0.5% | 2.0% | 0.5% | 2.0% | 2.0% | 2.0% |
| ADJ PCWD (t/m ³) : | 2.14 | 2.13 | 2.12 | 2.13 | 2.10 | 2.11 |
| ADJ Moisture Variation : | 0.5% | 1.5% | 0.5% | 1.5% | 1.5% | 1.5% |

| | | | | | | |
|--------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| <i>Moisture Test Results :</i> | | | | | | |
| Field Moisture Content : | 9.5% | 8.0% | 10.0% | 8.5% | 8.0% | 8.5% |
| Moisture Specification : | - | - | - | - | - | - |
| Variation from OMC : | 0.5% Dry of OMC | 1.5% Dry of OMC | 0.5% Dry of OMC | 1.5% Dry of OMC | 1.5% Dry of OMC | 1.5% Dry of OMC |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | N/A |

| | | | | | | |
|---|--------|--------|--------|--------|--------|--------|
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.18 | 2.17 | 2.16 | 2.15 | 2.16 | 2.15 |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | 98% |
| Wet Density Ratio : | 102.0% | 102.5% | 102.0% | 101.0% | 103.0% | 102.0% |

| | |
|-----------|--|
| Remarks : | |
|-----------|--|

| | | |
|---|--|---|
|  <p>World Recognized Accreditation</p> | <p>Note: The results contained in this report relate only to the item/s that were tested/sampled</p> <p>Accredited for Compliance with ISO/ IEC 17025 - Testing</p> <p>Protest Engineering (Gold Coast) Accreditation Number - 19667</p> <p>Base Laboratory Site Number - 22838 - Gold Coast</p> <p>Base Laboratory Address - 8/36 Blanck Street, Ormeau, 4208, QLD</p> | <p>APPROVED SIGNATORY</p>  <p>Joshua Andres - Signatory</p> |
| | Document Number : RF1 | Date : 13/03/2024 |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|--|---|---|---|----------------------|--|--|
| Client : | Shadforth | | Report Number : | SR/PTP/12381 - 204/1 | | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | Report Date : | 11/06/2024 | | |
| Project Name : | SkyRidge Development | | Test Request : | - | | |
| Project Number : | PTP/12381 | | Page 1 of 1 | | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/254693 | S/254694 | | | | |
| Date Tested : | 4/06/2024 | 4/06/2024 | | | | |
| Material Source : | Onsite | Onsite | | | | |
| For use as : | General Fill | General Fill | | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | | | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | | |
| Time : | 10:30 | 10:45 | | | | |
| Lot Number : | - | - | | | | |
| Location 1 : | Stage 10/11 - Lot 1070 - Remediation Works E 532858 | Stage 10/11 - Lot 1071 - Remediation Works E 532850 | | | | |
| Location 2 : | E 532858 | E 532850 | | | | |
| Location 3 : | N 68990240. | N 6899008 | | | | |
| Location 4 : | 0.3m Below Finish Level | 0.3m Below Finish Level | | | | |
| Test Fraction (mm) : | < 19mm | < 19mm | | | | |
| Oversize Wet : | 18% | 20% | | | | |
| Oversize Density - Dry (t/m ³) : | 2.20 | 2.02 | | | | |
| Assigned MDR (Yes/No) : | No | No | | | | |
| MDR Sample Number : | S/254693 | S/254694 | | | | |
| MDR Test Date : | 10/06/2024 | 10/06/2024 | | | | |
| Compaction Type : | HILF-STD | HILF-STD | | | | |
| Soil Description : | (CL) Sandy CLAY with Gravel, Low Plasticity, Brown, Moist | (CL) Sandy CLAY with Gravel, Low Plasticity, Brown, Moist | | | | |
| MDR Test Results | | | | | | |
| PCWD (t/m ³) : | 2.10 | 2.15 | | | | |
| Moisture Variation : | 2.0% | 2.5% | | | | |
| ADJ PCWD (t/m ³) : | 2.12 | 2.12 | | | | |
| ADJ Moisture Variation : | 1.5% | 2.0% | | | | |
| Moisture Test Results | | | | | | |
| Field Moisture Content : | 8.0% | 7.5% | | | | |
| Moisture Specification : | - | - | | | | |
| Variation from OMC : | 1.5% Dry of OMC | 2.0% Dry of OMC | | | | |
| Moisture Ratio : | N/A | N/A | | | | |
| Density Test Results | | | | | | |
| Field Wet Density (t/m ³) : | 2.17 | 2.16 | | | | |
| Density Specification : | 98% | 98% | | | | |
| Wet Density Ratio : | 102.0% | 102.0% | | | | |
| Remarks : | | | | | | |
|  <p>Note: The results contained in this report relate only to the item/s that were tested/sampled Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, Ormeau, 4208, QLD</p> | | | <p>APPROVED SIGNATORY</p>  Joshua Andres - Signatory | | | |

Soil Compaction and Density Tests Report - Compaction Control

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|--|---|--|--|--|--|--|----------------------|
| Client : | Shadforth | | | | | Report Number : | SR/PTP/12381 - 207/1 |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | | | Report Date : | 20/06/2024 |
| Project Name : | SkyRidge Development | | | | | Test Request : | - |
| Project Number : | PTP/12381 | | | | | Page 1 of 1 | |
| Location : | Worongary | | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | | |
| Sample Number : | S/255021 | S/255022 | S/255023 | S/255024 | S/255025 | S/255026 | |
| Date Tested : | 5/06/2024 | 5/06/2024 | 5/06/2024 | 5/06/2024 | 5/06/2024 | 5/06/2024 | |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite | |
| For use as : | Capping | Capping | Capping | Capping | Capping | Capping | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | |
| Time : | 07:15 | 07:30 | 07:45 | 08:00 | 08:15 | 08:30 | |
| Lot Number : | - | - | - | - | - | - | |
| Location 1 : | Stage 10 / Lot 1029 | Stage 10 / Lot 1030 | Stage 10 / Lot 1031 | Stage 10 / Lot 1032 | Stage 10 / Lot 1033 | Stage 10 / Lot 1044 | |
| Location 2 : | E 532957 | E 532956 | E 532956 | E 532954 | E 532955 | E 532803 | |
| Location 3 : | N 6899342 | N 6899332 | N 68993323 | N 6899308 | N 6899293 | N 6899175 | |
| Location 4 : | RL 53.0 | RL 52.0 | RL 50.0 | RL 48.0 | RL 46.0 | RL 52.0 | |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm | |
| Override Wet : | 14% | 11% | 11% | 11% | 12% | 12% | |
| Override Density - Dry (t/m ³) : | 2.06 | 2.00 | 2.12 | 2.09 | 2.04 | 2.08 | |
| Assigned MDR (Yes/No) : | No | No | No | No | No | No | |
| MDR Sample Number : | S/255021 | S/255022 | S/255023 | S/255024 | S/255025 | S/255026 | |
| MDR Test Date : | 11/06/2024 | 11/06/2024 | 11/06/2024 | 11/06/2024 | 11/06/2024 | 11/06/2024 | |
| Compaction Type : | HILF-STD | HILF-STD | HILF-STD | HILF-STD | HILF-STD | HILF-STD | |
| Soil Description : | (CL) Gravelly CLAY, Low Plasticity, Brown, Moist | (CL) Gravelly CLAY, Low Plasticity, Brown, Moist | (CL) Gravelly CLAY, Low Plasticity, Brown, Moist | (CL) Gravelly CLAY, Low Plasticity, Brown, Moist | (CL) Gravelly CLAY, Low Plasticity, Brown, Moist | (CL) Gravelly CLAY, Low Plasticity, Brown, Moist | |
| MDR Test Results | | | | | | | |
| PCWD (t/m ³) : | 2.27 | 2.27 | 2.27 | 2.30 | 2.29 | 2.29 | |
| Moisture Variation : | 2.5% | 2.5% | 2.5% | 2.5% | 2.5% | 2.5% | |
| ADJ PCWD (t/m ³) : | 2.24 | 2.24 | 2.25 | 2.27 | 2.26 | 2.27 | |
| ADJ Moisture Variation : | 2.5% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | |
| Moisture Test Results | | | | | | | |
| Field Moisture Content : | 6.0% | 7.0% | 6.5% | 7.0% | 7.0% | 7.0% | |
| Moisture Specification : | - | - | - | - | - | - | |
| Variation from OMC : | 2.5% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | N/A | |
| Density Test Results | | | | | | | |
| Field Wet Density (t/m ³) : | 2.28 | 2.29 | 2.30 | 2.30 | 2.31 | 2.30 | |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | 98% | |
| Wet Density Ratio : | 102.0% | 102.5% | 102.0% | 101.0% | 102.0% | 101.5% | |
| Remarks : | | | | | | | |
|  <p>Note: The results contained in this report relate only to the item/s that were tested/sampled</p> <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast</p> <p>Base Laboratory Address - 8/36 Blanck Street, Ormeau, 4208, QLD</p> | APPROVED SIGNATORY  Joshua Andres - Signatory | | | | | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|--|---|--|--|-----------------|----------------------|--|
| Client : | Shadforths | | | Report Number : | SR/PTP/12381 - 208/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 20/06/2024 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/255027 | S/255028 | S/255029 | | | |
| Date Tested : | 5/06/2024 | 5/06/2024 | 5/06/2024 | | | |
| Material Source : | Onsite | Onsite | Onsite | | | |
| For use as : | Capping | Capping | Capping | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | |
| Time : | 08:45 | 09:00 | 09:15 | | | |
| Lot Number : | - | - | - | | | |
| Location 1 : | Stage 10 / Lot 1041 | Stage 10 / Lot 1042 | Lot 1043 | | | |
| Location 2 : | E 532792 | E 532778 | E 532759 | | | |
| Location 3 : | N 6899182 | N 6899186 | N 6899185 | | | |
| Location 4 : | RL 54.0 | RL 58.0 | RL 59 | | | |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | | | |
| Oversize Wet : | 11% | 12% | 14% | | | |
| Oversize Density - Dry (t/m ³) : | 2.00 | 2.04 | 2.05 | | | |
| Assigned MDR (Yes/No) : | No | No | No | | | |
| MDR Sample Number : | S/255027 | S/255028 | S/255029 | | | |
| MDR Test Date : | 12/06/2024 | 12/06/2024 | 12/06/2024 | | | |
| Compaction Type : | HILF-STD | HILF-STD | HILF-STD | | | |
| Soil Description : | (CL) Gravelly CLAY, Low Plasticity, Brown, Moist | (CL) Gravelly CLAY, Low Plasticity, Brown, Moist | (CL) Gravelly CLAY, Low Plasticity, Brown, Moist | | | |
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.29 | 2.28 | 2.28 | | | |
| Moisture Variation : | 1.5% | 2.5% | 2.5% | | | |
| ADJ PCWD (t/m ³) : | 2.25 | 2.25 | 2.24 | | | |
| ADJ Moisture Variation : | 1.5% | 2.0% | 2.0% | | | |
| <i>Moisture Test Results</i> | | | | | | |
| Field Moisture Content : | 8.0% | 7.0% | 7.0% | | | |
| Moisture Specification : | - | - | - | | | |
| Variation from OMC : | 1.5% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | | | |
| Moisture Ratio : | N/A | N/A | N/A | | | |
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.30 | 2.29 | 2.28 | | | |
| Density Specification : | 98% | 98% | 98% | | | |
| Wet Density Ratio : | 102.5% | 102.0% | 101.5% | | | |
| Remarks : | | | | | | |
|  <p>Note: The results contained in this report relate only to the item/s that were tested/sampled Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, Ormeau, 4208, QLD</p> | APPROVED SIGNATORY  Joshua Andres - Signatory | | | | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | |
|------------------|--|-----------------|----------------------|
| Client : | Shadforth | Report Number : | SR/PTP/12381 - 212/1 |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | Report Date : | 21/06/2024 |
| Project Name : | SkyRidge Development | Test Request : | - |
| Project Number : | PTP/12381 | Page 1 of 1 | |
| Location : | Worongary | | |

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|----------------|---|
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, |
|----------------|---|

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|-----------------------|------------|------------|------------|------------|------------|--|
| Sample Number : | S/256965 | S/256966 | S/256967 | S/256968 | S/256969 | |
| Date Tested : | 14/06/2024 | 14/06/2024 | 14/06/2024 | 14/06/2024 | 14/06/2024 | |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | |
| For use as : | Capping | Capping | Capping | Capping | Capping | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | |

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|-------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--|
| Sampling Method : | AS1289.1.2.1 - cl6.4b | |
| Time : | 10:00 | 10:15 | 10:30 | 10:45 | 11:00 | |
| Lot Number : | - | - | - | - | - | |
| Location 1 : | Stage 10 | |
| Location 2 : | Lot 1058 | Lot 1057 | Lot 10556 | Lot 1055 | Lot 1054 | |
| Location 3 : | Centre of Lot | |
| Location 4 : | Finish Level | |

| | | | | | | |
|---------------------------------|---|---|---|---|---|--|
| Test Fraction (mm) : | < 37.5mm | < 37.5mm | < 19mm | < 19mm | < 19mm | |
| Oversize Wet : | 0% | 1% | 16% | 15% | 15% | |
| Oversize Density - Dry (t/m³) : | - | 2.81 | 2.60 | 2.46 | 2.57 | |
| Assigned MDR (Yes/No) : | No | No | No | No | No | |
| MDR Sample Number : | S/256965 | S/256966 | S/256967 | S/256968 | S/256969 | |
| MDR Test Date : | 21/06/2024 | 21/06/2024 | 21/06/2024 | 21/06/2024 | 21/06/2024 | |
| Compaction Type : | HILF-STD | HILF-STD | HILF-STD | HILF-STD | HILF-STD | |
| Soil Description : | (GW) Sandy GRAVEL with Clay, Coarse-Grained, Brown, Moist | (GW) Sandy GRAVEL with Clay, Coarse-Grained, Brown, Moist | (GW) Sandy GRAVEL with Clay, Coarse-Grained, Brown, Moist | (GW) Sandy GRAVEL with Clay, Coarse-Grained, Brown, Moist | (GW) Sandy GRAVEL with Clay, Coarse-Grained, Brown, Moist | |

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| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m3) : | 2.27 | 2.29 | 2.26 | 2.31 | 2.25 | |
| Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | |
| ADJ PCWD (t/m3) : | 2.27 | 2.29 | 2.31 | 2.33 | 2.29 | |
| ADJ Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | |

| | | | | | | |
|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--|
| <i>Moisture Test Results</i> | | | | | | |
| Field Moisture Content : | 7.5% | 7.5% | 6.5% | 6.5% | 6.0% | |
| Moisture Specification : | +/-2.0% of OMC | |
| Variation from OMC : | 2.0% Dry of OMC | |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | |

| | | | | | | |
|-----------------------------|---------------|---------------|---------------|---------------|---------------|--|
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m3) : | 2.35 | 2.34 | 2.35 | 2.36 | 2.34 | |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | |
| Wet Density Ratio : | 103.0% | 102.0% | 102.0% | 101.0% | 102.0% | |

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| Remarks : | |
|-----------|--|

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|  <p>Note: The results contained in this report relate only to the item/s that were tested/sampled</p> <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast</p> <p>Base Laboratory Address - 8/36 Blanck Street, Ormeau, 4208, QLD</p> | <p>APPROVED SIGNATORY</p>  <p>Joshua Andres - Signatory</p> |
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Soil Compaction and Density Tests Report - Compaction Control

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|------------------|--|-----------------|----------------------|
| Client : | Shadforth | Report Number : | SR/PTP/12381 - 217/1 |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | Report Date : | 23/06/2024 |
| Project Name : | SkyRidge Development | Test Request : | - |
| Project Number : | PTP/12381 | Page 1 of 1 | |
| Location : | Worongary | | |

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|----------------|---|
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, |
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|-----------------------|------------|------------|------------|------------|------------|--|
| Sample Number : | S/257349 | S/257350 | S/257351 | S/257352 | S/257353 | |
| Date Tested : | 18/06/2024 | 18/06/2024 | 18/06/2024 | 18/06/2024 | 18/06/2024 | |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | |
| For use as : | Capping | Capping | Capping | Capping | Capping | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | |

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|-------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--|
| Sampling Method : | AS1289.1.2.1 - cl6.4b | |
| Time : | 07:15 | 07:30 | 08:00 | 08:15 | 08:30 | |
| Lot Number : | - | - | - | - | - | |
| Location 1 : | Stage 10 | Stage 10 | Stage 10 | Stage 10 | Stage 11 | |
| Location 2 : | Lot 1059 | Lot 1060 | Lot 1061 | Lot 1062 | Lot 1105 | |
| Location 3 : | Centre of Lot | |
| Location 4 : | Finish Level | |

| | | | | | | |
|--|--|--|--|--|--|--|
| Test Fraction (mm) : | < 19mm | |
| Oversize Wet : | 12% | 11% | 13% | 13% | 12% | |
| Oversize Density - Dry (t/m ³) : | 2.39 | 2.68 | 2.60 | 2.42 | 2.50 | |
| Assigned MDR (Yes/No) : | No | No | No | No | No | |
| MDR Sample Number : | S/257349 | S/257350 | S/257351 | S/257352 | S/257353 | |
| MDR Test Date : | 21/06/2024 | 21/06/2024 | 21/06/2024 | 21/06/2024 | 21/06/2024 | |
| Compaction Type : | HILF-STD | HILF-STD | HILF-STD | HILF-STD | HILF-STD | |
| Soil Description : | (GW) Sandy GRAVEL, Coarse-Grained, Grey, Moist | |

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|--------------------------------|------|------|------|------|------|--|
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.23 | 2.35 | 2.29 | 2.31 | 2.24 | |
| Moisture Variation : | 2.5% | 2.0% | 2.5% | 2.0% | 2.5% | |
| ADJ PCWD (t/m ³) : | 2.25 | 2.38 | 2.32 | 2.33 | 2.26 | |
| ADJ Moisture Variation : | 2.0% | 2.0% | 2.5% | 2.0% | 2.5% | |

| | | | | | | |
|--------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|--|
| <i>Moisture Test Results :</i> | | | | | | |
| Field Moisture Content : | 5.0% | 5.0% | 4.0% | 5.0% | 4.0% | |
| Moisture Specification : | - | - | - | - | - | |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.5% Dry of OMC | 2.0% Dry of OMC | 2.5% Dry of OMC | |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | |

| | | | | | | |
|---|--------|--------|--------|--------|--------|--|
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.30 | 2.42 | 2.33 | 2.34 | 2.31 | |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | |
| Wet Density Ratio : | 102.0% | 101.5% | 100.0% | 100.5% | 102.0% | |

| | |
|-----------|--|
| Remarks : | |
|-----------|--|

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|  <p>World Wide Accredited</p> | <p>Note: The results contained in this report relate only to the item/s that were tested/sampled</p> <p>Accredited for Compliance with ISO/ IEC 17025 - Testing</p> <p>Protest Engineering (Gold Coast) Accreditation Number - 19667</p> <p>Base Laboratory Site Number - 22838 - Gold Coast</p> <p>Base Laboratory Address - 8/36 Blanck Street, Ormeau, 4208, QLD</p> | <p>APPROVED SIGNATORY</p>  <p>Joshua Andres - Signatory</p> |
| | Document Number : RF1 | Date : 6/06/2024 |

Soil Compaction and Density Tests Report - Compaction Control

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|--|--|--|--|--|-----------------|----------------------|--|
| Client : | Shadforth | | | | Report Number : | SR/PTP/12381 - 247/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | | Report Date : | 24/07/2024 | |
| Project Name : | SkyRidge Development | | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | | |
| Sample Number : | S/261513 | S/261514 | S/261515 | S/261516 | | | |
| Date Tested : | 19/07/2024 | 19/07/2024 | 19/07/2024 | 19/07/2024 | | | |
| Material Source : | Onsite | Onsite | Onsite | Onsite | | | |
| For use as : | General Fill | General Fill | General Fill | General Fill | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | |
| Time : | 10:00 | 10:15 | 10:30 | 10:45 | | | |
| Lot Number : | - | - | - | - | | | |
| Location 1 : | Stage 10 - Lot 1050 | Stage 10 - Lot 1051 | Stage 10 - Lot 1052 | Stage 10 - Lot 1053 | | | |
| Location 2 : | E 532783 | E 532797 | E 532819 | E 532768 | | | |
| Location 3 : | N 6899125 | N 6899125 | N 6899118 | N 6899131 | | | |
| Location 4 : | 1m Below Finish Level | 1m Below Finish Level | 1m Below Finish Level | 1m Below Finish Level | | | |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | < 37.5mm | | | |
| Oversize Wet : | 17% | 17% | 17% | 18% | | | |
| Oversize Density - Dry (t/m ³) : | 2.46 | 2.52 | 2.19 | 2.44 | | | |
| Assigned MDR (Yes/No) : | No | No | No | No | | | |
| MDR Sample Number : | S/261513 | S/261514 | S/261515 | S/261516 | | | |
| MDR Test Date : | 23/07/2024 | 23/07/2024 | 23/07/2024 | 23/07/2024 | | | |
| Compaction Type : | Hilf-Std | Hilf-Std | Hilf-Std | Hilf-Std | | | |
| Soil Description : | (CL) Sandy CLAY trace Gravel, Low Plasticity, Brown, Moist | (CL) Sandy CLAY trace Gravel, Low Plasticity, Brown, Moist | (CL) Sandy CLAY trace Gravel, Low Plasticity, Brown, Moist | (CL) Sandy CLAY trace Gravel, Low Plasticity, Brown, Moist | | | |
| MDR Test Results | | | | | | | |
| PCWD (t/m ³) : | 2.16 | 2.03 | 2.24 | 2.18 | | | |
| Moisture Variation : | 2.0% | 2.5% | 2.0% | 2.0% | | | |
| ADJ PCWD (t/m ³) : | 2.21 | 2.10 | 2.23 | 2.22 | | | |
| ADJ Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | | | |
| Moisture Test Results : | | | | | | | |
| Field Moisture Content : | 7.0% | 7.0% | 6.5% | 7.0% | | | |
| Moisture Specification : | - | - | - | - | | | |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | | | |
| Moisture Ratio : | N/A | N/A | N/A | N/A | | | |
| Density Test Results | | | | | | | |
| Field Wet Density (t/m ³) : | 2.24 | 2.13 | 2.28 | 2.27 | | | |
| Density Specification : | 98% | 98% | 98% | 98% | | | |
| Wet Density Ratio : | 101.5% | 101.5% | 102.5% | 102.0% | | | |
| Remarks : | | | | | | | |
|  <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, Ormeau, 4208, QLD</p> | <p>Note: The results contained in this report relate only to the item/s that were tested/sampled</p> <p style="text-align: right;">APPROVED SIGNATORY</p> <p style="text-align: center;"></p> <p style="text-align: center;">Joshua Andres - Signatory</p> | | | | | | |
| | Document Number : NF1 | Date : 15/07/2024 | | | | | |

Soil Compaction and Density Tests Report - Compaction Control

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|------------------|--|-----------------|----------------------|
| Client : | Shadforth | Report Number : | SR/PTP/12381 - 252/1 |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | Report Date : | 25/07/2024 |
| Project Name : | SkyRidge Development | Test Request : | - |
| Project Number : | PTP/12381 | Page 1 of 1 | |
| Location : | Worongary | | |

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| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, |
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|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Sample Number : | S/261844 | S/261845 | S/261846 | S/261847 | S/261848 | S/261849 |
| Date Tested : | 23/07/2024 | 23/07/2024 | 23/07/2024 | 23/07/2024 | 23/07/2024 | 23/07/2024 |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| For use as : | General Fill |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 |

| | | | | | | |
|-------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Sampling Method : | AS1289.1.2.1 - cl6.4b |
| Time : | 09:45 | 10:00 | 10:15 | 10:30 | 10:45 | 10:57 |
| Lot Number : | - | - | - | - | - | - |
| Location 1 : | Lot 1023 | Lot 1024 | Lot 1025 | Lot 1026 | Lot 1027 | Lot 1028 |
| Location 2 : | E 532877 | E 532899 | E 532948 | E 532948 | E 532948 | E 532951 |
| Location 3 : | N 6899377 | N 6899385 | N 6899408 | N 6899385 | N 6899371 | N 6899359 |
| Location 4 : | Finish Level |

| | | | | | | |
|--|--|--|--|--|--|--|
| Test Fraction (mm) : | < 19mm |
| Oversize Wet : | 9% | 10% | 15% | 12% | 12% | 16% |
| Oversize Density - Dry (t/m ³) : | 2.39 | 2.47 | 2.47 | 2.44 | 2.44 | 2.43 |
| Assigned MDR (Yes/No) : | No | No | No | No | No | No |
| MDR Sample Number : | S/261844 | S/261845 | S/261846 | S/261847 | S/261848 | S/261849 |
| MDR Test Date : | 24/07/2024 | 24/07/2024 | 24/07/2024 | 24/07/2024 | 24/07/2024 | 24/07/2024 |
| Compaction Type : | Hilf-Std | Hilf-Std | Hilf-Std | Hilf-Std | Hilf-Std | Hilf-Std |
| Soil Description : | (CL) Sandy CLAY trace Gravel, Low Plasticity, Brown, Moist |

| | | | | | | |
|--------------------------------|------|------|------|------|------|------|
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.15 | 2.12 | 2.12 | 2.15 | 2.16 | 2.25 |
| Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% |
| ADJ PCWD (t/m ³) : | 2.17 | 2.16 | 2.17 | 2.18 | 2.19 | 2.27 |
| ADJ Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 1.5% |

| | | | | | | |
|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| <i>Moisture Test Results :</i> | | | | | | |
| Field Moisture Content : | 8.0% | 8.0% | 7.5% | 8.0% | 7.5% | 7.0% |
| Moisture Specification : | +/-2.0% of OMC |
| Variation from OMC : | 2.0% Dry of OMC | 1.5% Dry of OMC |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | N/A |

| | | | | | | |
|---|---------------|---------------|---------------|---------------|---------------|---------------|
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.24 | 2.23 | 2.20 | 2.23 | 2.24 | 2.30 |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | 98% |
| Wet Density Ratio : | 103.5% | 103.5% | 101.5% | 102.0% | 102.5% | 101.0% |

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| Remarks : | |
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|  <p style="font-size: small;">Note: The results contained in this report relate only to the item/s that were tested/sampled</p> <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast</p> <p>Base Laboratory Address - 8/36 Blanck Street, Ormeau, 4208, QLD</p> | <p>APPROVED SIGNATORY</p>  <p>Joshua Andres - Signatory</p> |
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Soil Compaction and Density Tests Report - Compaction Control

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|------------------|--|-----------------|----------------------|
| Client : | Shadforth | Report Number : | SR/PTP/12381 - 259/1 |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | Report Date : | 8/08/2024 |
| Project Name : | SkyRidge Development | Test Request : | - |
| Project Number : | PTP/12381 | Page 1 of 1 | |
| Location : | Worongary | | |

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|----------------|---|--|--|--|--|--|
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
|----------------|---|--|--|--|--|--|

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|-----------------------|--------------|--------------|--------------|--------------|--------------|--|
| Sample Number : | S/262059 | S/262060 | S/262061 | S/262062 | S/262063 | |
| Date Tested : | 24/07/2024 | 24/07/2024 | 24/07/2024 | 24/07/2024 | 24/07/2024 | |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | |
| For use as : | General Fill | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | |

| | | | | | | |
|-------------------|-----------------------|-------------------------|-----------------------|-----------------------|-----------------------|--|
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | |
| Time : | 08:30 | 08:45 | 09:00 | 09:15 | 09:30 | |
| Lot Number : | - | - | - | - | - | |
| Location 1 : | Lot 1051 | Lot 1050 | Lot 1052 | 1050 | Lot 1053 | |
| Location 2 : | E 532784 | E 532787 | E 532799 | E 532763 | E 532813 | |
| Location 3 : | N 6899128 | N 6899144 | N 6899140 | N 6899141 | N 6899120 | |
| Location 4 : | Finish Level | 0.3m Below Finish Level | Finish Level | Finish Level | Finish Level | |

| | | | | | | |
|---------------------------------|---|---|---|---|---|--|
| Test Fraction (mm) : | < 19mm | |
| Override Wet : | 12% | 12% | 18% | 11% | 16% | |
| Override Density - Dry (t/m³) : | 2.46 | 2.44 | 2.46 | 2.46 | 2.47 | |
| Assigned MDR (Yes/No) : | No | No | No | No | No | |
| MDR Sample Number : | S/262059 | S/262060 | S/262061 | S/262062 | S/262063 | |
| MDR Test Date : | 30/07/2024 | 30/07/2024 | 30/07/2024 | 30/07/2024 | 30/07/2024 | |
| Compaction Type : | Hilf-Std | Hilf-Std | Hilf-Std | Hilf-Std | Hilf-Std | |
| Soil Description : | (CL) Sandy CLAY, Low Plasticity, Brown, Moist | |

| | | | | | | |
|--------------------------|------|------|------|------|------|--|
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m3) : | 2.21 | 2.16 | 2.22 | 2.31 | 2.27 | |
| Moisture Variation : | 2.0% | 2.5% | 2.0% | 2.0% | 2.5% | |
| ADJ PCWD (t/m3) : | 2.24 | 2.19 | 2.26 | 2.32 | 2.30 | |
| ADJ Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | |

| | | | | | | |
|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--|
| <i>Moisture Test Results :</i> | | | | | | |
| Field Moisture Content : | 8.5% | 8.5% | 8.0% | 8.5% | 8.0% | |
| Moisture Specification : | +/-2.0% of OMC | |
| Variation from OMC : | 2.0% Dry of OMC | |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | |

| | | | | | | |
|-----------------------------|---------------|---------------|---------------|---------------|---------------|--|
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m3) : | 2.30 | 2.22 | 2.31 | 2.39 | 2.35 | |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | |
| Wet Density Ratio : | 103.0% | 101.5% | 102.0% | 103.0% | 102.5% | |

| | | | | | | |
|-----------|--|--|--|--|--|--|
| Remarks : | | | | | | |
|-----------|--|--|--|--|--|--|

| | |
|---|---|
|  <p style="font-size: small;">Note: The results contained in this report relate only to the item/s that were tested/sampled Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, Ormeau, 4208, QLD</p> | <p>APPROVED SIGNATORY</p>  <p>Joshua Andres - Signatory</p> |
|---|---|

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | | |
|---|--|-------------------------------|-------------------------------|-------------------------------|--|----------------------|--|
| Client : | Shadforth | | | | Report Number : | SR/PTP/12381 - 364/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | | Report Date : | 23/10/2024 | |
| Project Name : | SkyRidge Development | | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | | |
| Sample Number : | S/271909 | S/271910 | S/271911 | S/271912 | | | |
| Date Tested : | 3/10/2024 | 3/10/2024 | 3/10/2024 | 3/10/2024 | | | |
| Material Source : | Onsite | Onsite | Onsite | Onsite | | | |
| For use as : | General Fill | General Fill | General Fill | General Fill | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | |
| Time : | 13:30 | 13:45 | 14:00 | 14:15 | | | |
| Lot Number : | - | - | - | - | | | |
| Location 1 : | Lot 1037 | Lot 1037 | Lot 1045 | Lot 1045 | | | |
| Location 2 : | E 532763 | E 532763 | E 532759 | E 532760 | | | |
| Location 3 : | N 6899220 | N 6899220 | N 6899196 | N 6899197 | | | |
| Location 4 : | 0.5m Below Finish Level | Finish Level | 0.5m Below Finish Level | Finish Level | | | |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | < 19mm | | | |
| Oversize Wet : | 11% | 0% | 9% | 0% | | | |
| Oversize Density - Dry (t/m ³) : | 2.45 | - | 2.43 | - | | | |
| Assigned MDR (Yes/No) : | No | No | No | No | | | |
| MDR Sample Number : | S/271909 | S/271910 | S/271911 | S/271912 | | | |
| MDR Test Date(s) : | 03/10/2024 - 23/10/2024 | 03/10/2024 - 23/10/2024 | 03/10/2024 - 23/10/2024 | 03/10/2024 - 23/10/2024 | | | |
| Compaction Type : | Hilf-Std | Hilf-Std | Hilf-Std | Hilf-Std | | | |
| Soil Description : | (CL, CI) - Sandy CLAY - Briwn | (CL, CI) - Sandy CLAY - Briwn | (CL, CI) - Sandy CLAY - Briwn | (CL, CI) - Sandy CLAY - Briwn | | | |
| MDR Test Results | | | | | | | |
| PCWD (t/m ³) : | 2.19 | 2.23 | 2.07 | 2.14 | | | |
| Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | | | |
| ADJ PCWD (t/m ³) : | 2.22 | - | 2.10 | - | | | |
| ADJ Moisture Variation : | 2.0% | - | 2.0% | - | | | |
| Moisture Test Results : | | | | | | | |
| Field Moisture Content : | 6.0% | 8.0% | 6.5% | 8.0% | | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | | | |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | | | |
| Moisture Ratio : | N/A | N/A | N/A | N/A | | | |
| Density Test Results | | | | | | | |
| Field Wet Density (t/m ³) : | 2.22 | 2.24 | 2.16 | 2.17 | | | |
| Density Specification : | 98% | 98% | 98% | 98% | | | |
| Wet Density Ratio : | 100.5% | 100.5% | 103.0% | 101.5% | | | |
| Remarks : | | | | | | | |
|  <small>WORLD-LEADING ACCREDITATION</small> | <small>Note: The results contained in this report relate only to the item/s that were tested/sampled</small> Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Darra) Accreditation Number - 2851 Base Laboratory Site Number - 2844 - Darra Base Laboratory Address - 1-2/35 Limestone Street, Darra, 4076, QLD | | | | APPROVED SIGNATORY  Timothy Watson - Signatory | | |
| | Document Number : RF01_HILF Date : 10/10/2024 | | | | | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|--|--|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Client : | Shadforth | | | Report Number : | SR/PTP/12381 - 365/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 23/10/2024 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1, | | | | | |
| Sample Number : | S/271901 | S/271904 | S/271905 | S/271906 | S/271907 | S/271908 |
| Date Tested : | 3/10/2024 | 3/10/2024 | 3/10/2024 | 3/10/2024 | 3/10/2024 | 3/10/2024 |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| For use as : | General Fill | General Fill | General Fill | General Fill | General Fill | General Fill |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b |
| Time : | 12:00 | 12:15 | 12:30 | 12:45 | 13:00 | 13:15 |
| Lot Number : | - | - | - | - | - | - |
| Location 1 : | Lot 1040 | Lot 1040 | Lot 1039 | Lot 1039 | Lot 1038 | Lot 1038 |
| Location 2 : | E 532811 | E 532812 | E 532795 | E 532796 | E 532778 | E 532779 |
| Location 3 : | N 6899207 | N 6899207 | N 6899215 | N 6899215 | N 6899217 | N 6899217 |
| Location 4 : | 0.5m Below Finish Level | Finish Level | 0.5m Below Finish Level | Finish Level | 0.5m Below Finish Level | Finish Level |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm |
| Oversize Wet : | 0% | 0% | 0% | 0% | 15% | 11% |
| Oversize Density - Dry (t/m ³) : | - | - | - | - | 2.41 | 2.44 |
| Assigned MDR (Yes/No) : | No | No | No | No | No | No |
| MDR Sample Number : | S/271901 | S/271904 | S/271905 | S/271906 | S/271907 | S/271908 |
| MDR Test Date(s) : | 03/10/2024 - 23/10/2024 | 03/10/2024 - 23/10/2024 | 03/10/2024 - 23/10/2024 | 03/10/2024 - 23/10/2024 | 03/10/2024 - 23/10/2024 | 03/10/2024 - 23/10/2024 |
| Compaction Type : | Hilf-Std | Hilf-Std | Hilf-Std | Hilf-Std | Hilf-Std | Hilf-Std |
| Soil Description : | (CL, CI) - Sandy CLAY - Briwn | (CL, CI) - Sandy CLAY - Briwn | (CL, CI) - Sandy CLAY - Briwn | (CL, CI) - Sandy CLAY - Briwn | (CL, CI) - Sandy CLAY - Briwn | (CL, CI) - Sandy CLAY - Briwn |
| MDR Test Results | | | | | | |
| PCWD (t/m ³) : | 2.16 | 2.14 | 2.13 | 2.15 | 2.09 | 2.12 |
| Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% |
| ADJ PCWD (t/m ³) : | - | - | - | - | 2.13 | 2.15 |
| ADJ Moisture Variation : | - | - | - | - | 1.5% | 2.0% |
| Moisture Test Results : | | | | | | |
| Field Moisture Content : | 8.5% | 8.0% | 8.0% | 8.0% | 6.0% | 5.5% |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 1.5% Dry of OMC | 2.0% Dry of OMC |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | N/A |
| Density Test Results | | | | | | |
| Field Wet Density (t/m ³) : | 2.15 | 2.16 | 2.16 | 2.15 | 2.09 | 2.14 |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | 98% |
| Wet Density Ratio : | 99.5% | 101.0% | 101.5% | 100.0% | 98.0% | 99.5% |
| Remarks : | | | | | | |
|  <p>Note: The results contained in this report relate only to the item/s that were tested/sampled</p> <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Darra) Accreditation Number - 2851 Base Laboratory Site Number - 2844 - Darra</p> <p>Base Laboratory Address - 1-2/35 Limestone Street, Darra, 4076, QLD</p> | APPROVED SIGNATORY  Timothy Watson - Signatory | | | | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | |
|------------------|--|-----------------|----------------------|
| Client : | Shadforth | Report Number : | SR/PTP/12381 - 446/1 |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | Report Date : | 21/11/2024 |
| Project Name : | SkyRidge Development | Test Request : | - |
| Project Number : | PTP/12381 | Page 1 of 1 | |
| Location : | Worongary | | |

| | |
|----------------|--|
| Test Methods : | AS1289.5.8.1, AS1289.5.7.1, AS1289.5.4.1, AS1289.2.1.1 |
|----------------|--|

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|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Sample Number : | S/274687 | S/274688 | S/274689 | S/274690 | S/274691 | S/274692 |
| Date Tested : | 24/10/2024 | 24/10/2024 | 24/10/2024 | 24/10/2024 | 24/10/2024 | 24/10/2024 |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| For use as : | General Fill |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 | 150 / 175 |

| | | | | | | |
|-------------------|-------------------------|-------------------------|-------------------------|-----------------------|-----------------------|-----------------------|
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b |
| Time : | 09:30 | 09:40 | 09:50 | 10:00 | 10:10 | 10:20 |
| Lot Number : | - | - | - | - | - | - |
| Location 1 : | Lot 1002 | Lot 1003 | Lot 1004 | Lot 1002 | Lot 1003 | Lot 1004 |
| Location 2 : | E 532768 | E 532790 | E 532801 | E 532783 | E 532797 | E 532808 |
| Location 3 : | N 6899267 | N 6899271 | N 6899263 | N 6899284 | N 6899275 | N 689808 |
| Location 4 : | 0.5m Below Finish Level | 0.5m Below Finish Level | 0.5m Below Finish Level | Finish Level | Finish Level | Finish Level |

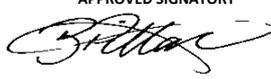
| | | | | | | |
|--|---|---|---|---|---|---|
| Test Fraction (mm) : | < 19mm |
| Oversize Wet : | 4% | 11% | 11% | 16% | 15% | 6% |
| Oversize Density - Dry (t/m ³) : | 2.43 | 2.43 | 2.31 | 2.67 | 2.32 | 2.31 |
| Assigned MDR (Yes/No) : | No | No | No | No | No | No |
| MDR Sample Number : | S/274687 | S/274688 | S/274689 | S/274690 | S/274691 | S/274692 |
| MDR Test Date(s) : | 24/10/2024 - 21/11/2024 | 24/10/2024 - 21/11/2024 | 24/10/2024 - 21/11/2024 | 24/10/2024 - 21/11/2024 | 24/10/2024 - 21/11/2024 | 24/10/2024 - 21/11/2024 |
| Compaction Type : | Hilf-Std | Hilf-Std | Hilf-Std | Hilf-Std | Hilf-Std | Hilf-Std |
| Soil Description : | (CL) Sandy CLAY with Gravel, Low Plasticity, Brown, Moist | (CL) Sandy CLAY with Gravel, Low Plasticity, Brown, Moist | (CL) Sandy CLAY with Gravel, Low Plasticity, Brown, Moist | (CL) Sandy CLAY with Gravel, Low Plasticity, Brown, Moist | (CL) Sandy CLAY with Gravel, Low Plasticity, Brown, Moist | (CL) Sandy CLAY with Gravel, Low Plasticity, Brown, Moist |

| | | | | | | |
|--------------------------------|------|------|------|------|------|------|
| MDR Test Results | | | | | | |
| PCWD (t/m ³) : | 2.12 | 2.07 | 2.10 | 2.07 | 2.06 | 2.04 |
| Moisture Variation : | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 1.5% |
| ADJ PCWD (t/m ³) : | 2.13 | 2.11 | 2.12 | 2.15 | 2.10 | 2.05 |
| ADJ Moisture Variation : | 2.0% | 2.0% | 1.5% | 1.5% | 2.0% | 1.5% |

| | | | | | | |
|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| Moisture Test Results : | | | | | | |
| Field Moisture Content : | 4.5% | 5.5% | 6.0% | 5.5% | 5.5% | 4.5% |
| Moisture Specification : | - | - | - | - | - | - |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | 1.5% Dry of OMC | 1.5% Dry of OMC | 2.0% Dry of OMC | 1.5% Dry of OMC |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | N/A |

| | | | | | | |
|---|--------------|---------------|---------------|--------------|---------------|---------------|
| Density Test Results | | | | | | |
| Field Wet Density (t/m ³) : | 2.11 | 2.15 | 2.14 | 2.13 | 2.13 | 2.12 |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | 98% |
| Wet Density Ratio : | 99.0% | 102.0% | 101.0% | 99.5% | 101.5% | 103.0% |

| | |
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| Remarks : | |
|-----------|--|

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|  <p>WORLD RECOGNISED ACCREDITATION</p> | <p>Note: The results contained in this report relate only to the item/s that were tested/sampled</p> <p>Accredited for Compliance with ISO/ IEC 17025 - Testing</p> <p>Protest Engineering (Gold Coast) Accreditation Number - 19667</p> <p>Base Laboratory Site Number - 22838 - Gold Coast</p> <p>Base Laboratory Address - 8/36 Blanck Street, Ormeau, 4208, QLD</p> | <p>APPROVED SIGNATORY</p>  <p>Ben Pittard - Signatory</p> |
| | <p>Document Number : RF01_HILF</p> | <p>Date : 17/10/2024</p> |

Soil Compaction and Density Tests Report - Compaction Control

| | | | |
|------------------|--|-----------------|----------------------|
| Client : | Shadforth | Report Number : | SR/PTP/12381 - 447/1 |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | Report Date : | 21/11/2024 |
| Project Name : | SkyRidge Development | Test Request : | - |
| Project Number : | PTP/12381 | Page 1 of 1 | |
| Location : | Worongary | | |

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|----------------|--|--|--|
| Test Methods : | AS1289.5.8.1, AS1289.5.7.1, AS1289.5.4.1, AS1289.2.1.1 | | |
|----------------|--|--|--|

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|-----------------------|--------------|--------------|--|--|--|--|
| Sample Number : | S/274694 | S/274695 | | | | |
| Date Tested : | 24/10/2024 | 24/10/2024 | | | | |
| Material Source : | Onsite | Onsite | | | | |
| For use as : | General Fill | General Fill | | | | |
| Test / Layer Depths : | 225 / 250 | 225 / 250 | | | | |

| | | | | | | |
|-------------------|-------------------------|-----------------------|--|--|--|--|
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | | |
| Time : | 10:41 | 10:46 | | | | |
| Lot Number : | - | - | | | | |
| Location 1 : | Lot 1005 | Lot 1005 | | | | |
| Location 2 : | E 532828 | E 532825 | | | | |
| Location 3 : | N 6899238 | N 6899238 | | | | |
| Location 4 : | 0.5m Below Finish Level | Finish Level | | | | |

| | | | | | | |
|--|--|--|--|--|--|--|
| Test Fraction (mm) : | < 37.5mm | < 37.5mm | | | | |
| Oversize Wet : | 28% | 29% | | | | |
| Oversize Density - Dry (t/m ³) : | 2.40 | 2.43 | | | | |
| Assigned MDR (Yes/No) : | No | No | | | | |
| MDR Sample Number : | S/274694 | S/274695 | | | | |
| MDR Test Date(s) : | 24/10/2024 - 21/11/2024 | 24/10/2024 - 21/11/2024 | | | | |
| Compaction Type : | Hilf-Std | Hilf-Std | | | | |
| Soil Description : | (GM) Sandy GRAVEL trace Clay, Medium Grained, Brown, Mottled Grey, Moist | (GM) Sandy GRAVEL trace Clay, Medium Grained, Brown, Mottled Grey, Moist | | | | |

| | | | | | | |
|--------------------------------|--------------------------------|--------------------------------|--|--|--|--|
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | Not Testable using this Method | Not Testable using this Method | | | | |
| Moisture Variation : | - | - | | | | |
| ADJ PCWD (t/m ³) : | - | - | | | | |
| ADJ Moisture Variation : | - | - | | | | |

| | | | | | | |
|--------------------------------|----------------|----------------|--|--|--|--|
| <i>Moisture Test Results :</i> | | | | | | |
| Field Moisture Content : | 10.0% | 10.5% | | | | |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | | | | |
| Variation from OMC : | - | - | | | | |
| Moisture Ratio : | - | - | | | | |

| | | | | | | |
|---|------|------|--|--|--|--|
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.29 | 2.30 | | | | |
| Density Specification : | 98% | 98% | | | | |
| Wet Density Ratio : | - | - | | | | |

| | |
|-----------|--|
| Remarks : | |
|-----------|--|

| | | |
|---|---|---|
|  | <p>Note: The results contained in this report relate only to the item/s that were tested/sampled</p> <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast</p> | <p style="text-align: center;">APPROVED SIGNATORY</p>  <p style="text-align: center;">Ben Pittard - Signatory</p> |
| | <p>Base Laboratory Address - 8/36 Blanck Street, Ormeau, 4208, QLD</p> | |

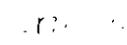
Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|--|---|---|---|---|---|---|
| Client : | Shadforth | | | Report Number : | SR/PTP/12381 - 518/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 23/01/2025 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 1 of 1 | | |
| Location : | Worongary | | | | | |
| Test Methods : | AS1289.5.8.1, AS1289.5.7.1, AS1289.2.1.1 | | | | | |
| Sample Number : | S/283395 | S/283396 | S/283397 | S/283398 | S/283399 | S/283400 |
| Date/s Tested : | 17/01/2025 - 23/01/2025 | 17/01/2025 - 23/01/2025 | 17/01/2025 - 23/01/2025 | 17/01/2025 - 23/01/2025 | 17/01/2025 - 23/01/2025 | 17/01/2025 - 23/01/2025 |
| Material Source : | Onsite | Onsite | Onsite | Onsite | Onsite | Onsite |
| For use as : | General Fill | General Fill | General Fill | General Fill | General Fill | General Fill |
| Test / Layer Depths : | 275 / 300 | 275 / 300 | 275 / 300 | 275 / 300 | 275 / 300 | 275 / 300 |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b |
| Time : | 10:00 | 10:10 | 10:20 | 10:30 | 10:40 | 10:50 |
| Lot Number : | - | - | - | - | - | - |
| Location 1 : | E 532305 | E 532285 | E 532311 | E 532311 | E 53200 | E 53216 |
| Location 2 : | N 6898752 | N 6898762 | N 6898736 | N 6898736 | N 6898710 | N 6898716 |
| Location 3 : | 0.96m Below Finish Level | 0.95m Below Finish Level | 0.97m Below Finish Level | 0.96m Below Finish Level | 0.98m Below Finish Level | 0.9m Below Finish Level |
| Location 4 : | - | - | - | - | - | - |
| Test Fraction (mm) : | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm | < 19mm |
| Oversize Wet : | 0% | 0% | 0% | 0% | 0% | 0% |
| Oversize Density - Dry (t/m ³) : | - | - | - | - | - | - |
| Assigned MDR (Yes/No) : | No | No | No | No | No | No |
| MDR Sample Number : | S/283395 | S/283396 | S/283397 | S/283398 | S/283399 | S/283400 |
| MDR Test Date(s) : | 17/01/2025 - 23/01/2025 | 17/01/2025 - 23/01/2025 | 17/01/2025 - 23/01/2025 | 17/01/2025 - 23/01/2025 | 17/01/2025 - 23/01/2025 | 17/01/2025 - 23/01/2025 |
| Compaction Type : | Hilf-Std | Hilf-Std | Hilf-Std | Hilf-Std | Hilf-Std | Hilf-Std |
| Soil Description : | (CL) Sandy CLAY with Gravel, Low Plasticity, Brown, Moist | (CL) Sandy CLAY with Gravel, Low Plasticity, Brown, Moist | (CL) Sandy CLAY with Gravel, Low Plasticity, Brown, Moist | (CL) Sandy CLAY with Gravel, Low Plasticity, Brown, Moist | (CL) Sandy CLAY with Gravel, Low Plasticity, Brown, Moist | (CL) Sandy CLAY with Gravel, Low Plasticity, Brown, Moist |
| MDR Test Results | | | | | | |
| PCWD (t/m ³) : | 2.24 | 2.27 | 2.15 | 2.12 | 2.25 | 2.19 |
| Moisture Variation : | 1.5% | 2.0% | 2.0% | 1.5% | 2.0% | 2.0% |
| ADJ PCWD (t/m ³) : | - | - | - | - | - | - |
| ADJ Moisture Variation : | - | - | - | - | - | - |
| Moisture Test Results : | | | | | | |
| Field Moisture Content : | 9.0% | 8.0% | 8.0% | 9.5% | 8.0% | 7.5% |
| Moisture Specification : | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC | +/-2.0% of OMC |
| Variation from OMC : | 1.5% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC | 1.5% Dry of OMC | 2.0% Dry of OMC | 2.0% Dry of OMC |
| Moisture Ratio : | N/A | N/A | N/A | N/A | N/A | N/A |
| Density Test Results | | | | | | |
| Field Wet Density (t/m ³) : | 2.28 | 2.30 | 2.15 | 2.14 | 2.29 | 2.23 |
| Density Specification : | 98% | 98% | 98% | 98% | 98% | 98% |
| Wet Density Ratio : | 102.0% | 101.5% | 100.0% | 101.0% | 101.5% | 102.0% |
| Remarks : | | | | | | |
|  Note: The results contained in this report relate only to the item/s that were tested/sampled Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast Base Laboratory Address - 8/36 Blanck Street, Ormeau, 4208, QLD | APPROVED SIGNATORY  Joshua Andres - Signatory | | | | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|---|--|--|--|---|----------------------|--|
| Client : | Shadforth | | | Report Number : | SR/PTP/12381 - 789/1 | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | | Report Date : | 4/08/2025 | |
| Project Name : | SkyRidge Development | | | Test Request : | - | |
| Project Number : | PTP/12381 | | | Page 1 of 1 | | |
| Location : | 331 Hinkler Drive, Worongary, QLD, 4213 | | | | | |
| Test Methods : | AS1289.5.8.1, AS1289.5.7.1, AS1289.2.1.1 | | | | | |
| Sample Number : | S/308298 | S/308299 | S/308300 | | | |
| Date/s Tested : | 16/07/2025 - 04/08/2025 | 16/07/2025 - 04/08/2025 | 16/07/2025 - 04/08/2025 | | | |
| Material Source : | Onsite | Onsite | Onsite | | | |
| For use as : | General Fill | General Fill | General Fill | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | 150 / 175 | | | |
| Sampling Location : | Random | Random | Random | | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | |
| Time : | 06:55 | 07:05 | 07:10 | | | |
| Lot Number : | - | - | - | | | |
| Location 1 : | Stage 10 Basin Wall | Stage 10 Basin Wall | Stage 10 Basin Wall | | | |
| Location 2 : | E 532900 | E 532875 | E 532870 | | | |
| Location 3 : | N 6899185 | N 6899185 | N 6899189 | | | |
| Location 4 : | RL 48.8 | RL 49.3 | RL 50.2 | | | |
| Test Fraction (mm) : | < 19mm | < 37.5mm | < 37.5mm | | | |
| Oversize Wet : | 19% | 2% | 4% | | | |
| Oversize Density - Dry (t/m ³) : | 2.60 | 2.45 | 2.56 | | | |
| MDR Sample Number : | S/308298 | S/308299 | S/308300 | | | |
| MDR Test Date(s) : | 16/07/2025 - 04/08/2025 | 16/07/2025 - 04/08/2025 | 16/07/2025 - 04/08/2025 | | | |
| Compaction Type : | Hilf-Std | Hilf-Std | Hilf-Std | | | |
| Soil Description : | (CL) Gravelly Sandy CLAY, Low Plasticity, Brown, Moist | (CL) Gravelly Sandy CLAY, Low Plasticity, Brown, Moist | (CL) Gravelly Sandy CLAY, Low Plasticity, Brown, Moist | | | |
| MDR Test Results | | | | | | |
| PCWD (t/m ³) : | 2.07 | 2.23 | 2.18 | | | |
| Moisture Variation : | 3.0% | 1.5% | 2.0% | | | |
| ADJ PCWD (t/m ³) : | 2.16 | 2.24 | 2.19 | | | |
| ADJ Moisture Variation : | 2.5% | 1.5% | 2.0% | | | |
| Moisture Test Results | | | | | | |
| Field Moisture Content : | 6.5% | 7.5% | 7.0% | | | |
| Moisture Specification : | - | - | - | | | |
| Variation from OMC : | 2.5% Dry of OMC | 1.5% Dry of OMC | 2.0% Dry of OMC | | | |
| Moisture Ratio : | N/A | N/A | N/A | | | |
| Density Test Results | | | | | | |
| Field Wet Density (t/m ³) : | 2.20 | 2.30 | 2.21 | | | |
| Density Specification : | 98% | 98% | 98% | | | |
| Wet Density Ratio : | 102.0% | 102.5% | 100.5% | | | |
| Remarks : | | | | | | |
|  <p>Note: The results contained in this report relate only to the item/s that were tested/sampled</p> <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast</p> <p>Base Laboratory Address - 8/36 Blanck Street, Ormeau, 4208, QLD</p> | APPROVED SIGNATORY | | | | | |
| | | | |  Brandon Parrella - Signatory | | |

Soil Compaction and Density Tests Report - Compaction Control

| | | | | | | |
|--|---|--|-----------------|----------------------|--|--|
| Client : | Shadforths | | Report Number : | SR/PTP/12381 - 790/1 | | |
| Client Address : | 99 Sandalwood Lane, Forest Glen, 4556, QLD | | Report Date : | 4/08/2025 | | |
| Project Name : | SkyRidge Development | | Test Request : | - | | |
| Project Number : | PTP/12381 | | Page 1 of 1 | | | |
| Location : | 331 Hinkler Drive, Worongary, QLD, 4213 | | | | | |
| Test Methods : | AS1289.5.8.1, AS1289.5.7.1, AS1289.2.1.1 | | | | | |
| Sample Number : | S/309002 | S/309003 | | | | |
| Date/s Tested : | 21/07/2025 - 04/08/2025 | 21/07/2025 - 04/08/2025 | | | | |
| Material Source : | Onsite | Onsite | | | | |
| For use as : | General Fill | General Fill | | | | |
| Test / Layer Depths : | 150 / 175 | 150 / 175 | | | | |
| Sampling Location : | Random | Random | | | | |
| Sampling Method : | AS1289.1.2.1 - cl6.4b | AS1289.1.2.1 - cl6.4b | | | | |
| Time : | 07:00 | 07:15 | | | | |
| Lot Number : | - | - | | | | |
| Location 1 : | Stage 10 Basin Wall | Stage 10 Basin Wall | | | | |
| Location 2 : | E 532910 | E 532886 | | | | |
| Location 3 : | N 6899177 | N 6899186 | | | | |
| Location 4 : | RL 49.7 | RL 49.4 | | | | |
| Test Fraction (mm) : | < 19mm | < 19mm | | | | |
| Oversize Wet : | 6% | 9% | | | | |
| Oversize Density - Dry (t/m ³) : | 2.42 | 2.47 | | | | |
| MDR Sample Number : | S/309002 | S/309003 | | | | |
| MDR Test Date(s) : | 21/07/2025 - 04/08/2025 | 21/07/2025 - 04/08/2025 | | | | |
| Compaction Type : | Hilf-Std | Hilf-Std | | | | |
| Soil Description : | (CL) Sandy Gravelly CLAY, Low Plasticity, Brown, Mottled Orange, Moist | (CL) Sandy Gravelly CLAY, Low Plasticity, Brown, Mottled Orange, Moist | | | | |
| <i>MDR Test Results</i> | | | | | | |
| PCWD (t/m ³) : | 2.07 | 2.04 | | | | |
| Moisture Variation : | 2.0% | 2.0% | | | | |
| ADJ PCWD (t/m ³) : | 2.09 | 2.08 | | | | |
| ADJ Moisture Variation : | 2.0% | 2.0% | | | | |
| <i>Moisture Test Results</i> | | | | | | |
| Field Moisture Content : | 11.0% | 11.0% | | | | |
| Moisture Specification : | - | - | | | | |
| Variation from OMC : | 2.0% Dry of OMC | 2.0% Dry of OMC | | | | |
| Moisture Ratio : | N/A | N/A | | | | |
| <i>Density Test Results</i> | | | | | | |
| Field Wet Density (t/m ³) : | 2.13 | 2.13 | | | | |
| Density Specification : | 98% | 98% | | | | |
| Wet Density Ratio : | 102.0% | 102.5% | | | | |
| Remarks : | | | | | | |
|  <p>Note: The results contained in this report relate only to the Item/s that were tested/sampled</p> <p>Accredited for Compliance with ISO/ IEC 17025 - Testing Protest Engineering (Gold Coast) Accreditation Number - 19667 Base Laboratory Site Number - 22838 - Gold Coast</p> <p>Base Laboratory Address - 8/36 Blanck Street, Ormeau, 4208, QLD</p> | APPROVED SIGNATORY | | | | | |
| |  Brandon Parrella - Signatory | | | | | |

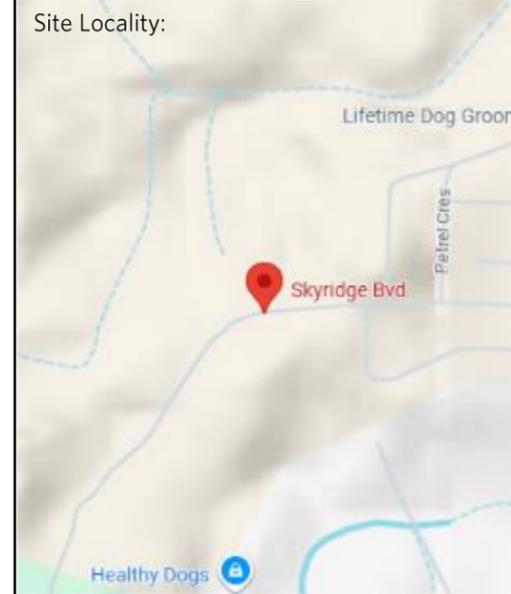
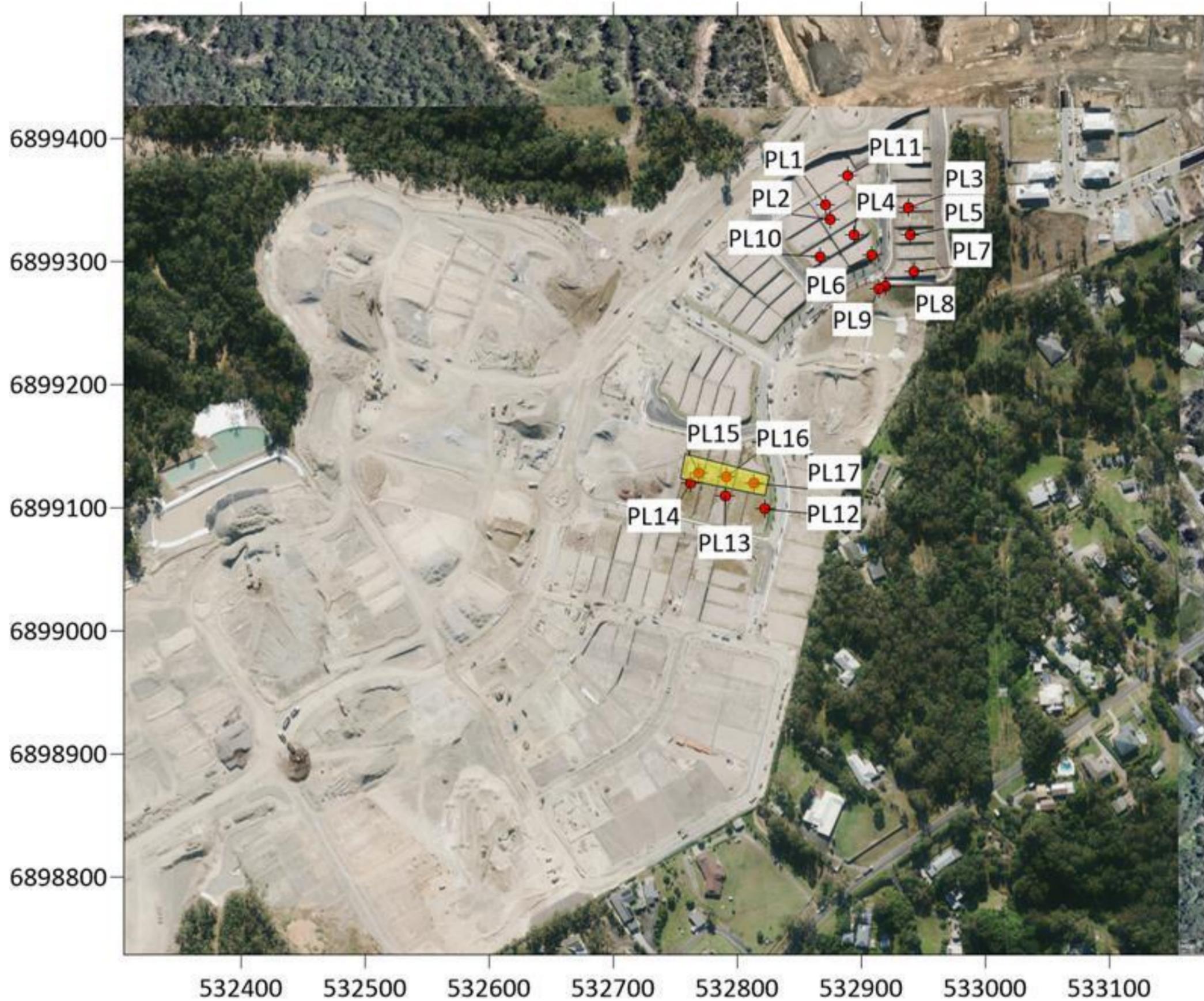
03



Appendix C Plate Load Test Reports



North



Legend:

- Approximate test location and sample number



Client: Shadforth's

Site: Skyridge Estate - Stage 10

Title: Plate Load Location Plan

| | | |
|-----------|-------------|----------|
| Date: | Drawn: | Checked: |
| 02/09/25 | NA | JN |
| Project: | Drawing No: | Revision |
| PTP/12381 | 2 | 0 |

Easting

Plate Load Test Results

| | | | |
|------------------|----------------------|---------------------|---------------|
| Client: | Shadforth Civil | Test No.: | 1 |
| Project: | Skyridge | Date Tested: | 11 April 2024 |
| Location: | E: 532871 N: 6899346 | Tested by: | TH |

| Plate Diameter (mm) | 0.76 | | | |
|------------------------|------------------------------|------------------------------|------------------------------|-------------------------|
| Bearing Pressure (kPa) | Dial 1 Final Settlement (mm) | Dial 2 Final Settlement (mm) | Dial 3 Final Settlement (mm) | Average Settlement (mm) |
| 0 | 0 | 0.00 | 0.00 | 0.00 |
| 150 | 1.75 | 2.03 | 2.01 | 1.93 |
| 300 | 3.07 | 3.64 | 3.33 | 3.35 |
| 450 | 4.64 | 5.03 | 4.69 | 4.79 |
| 600 | 4.76 | 5.12 | 4.78 | 4.89 |
| 0 | 3.64 | 3.50 | 3.46 | 3.53 |
| 150 | 4.17 | 4.36 | 4.04 | 4.19 |
| 300 | 4.65 | 4.96 | 4.63 | 4.75 |
| 450 | 5.05 | 5.35 | 4.71 | 5.04 |
| 600 | 5.06 | 5.36 | 4.95 | 5.12 |
| 0 | 4.06 | 3.94 | 3.85 | 3.95 |
| 150 | 4.51 | 4.67 | 4.30 | 4.49 |
| 300 | 4.88 | 5.14 | 4.71 | 4.91 |
| 450 | 5.2 | 5.47 | 5.06 | 5.24 |
| 600 | 5.21 | 5.47 | 5.08 | 5.25 |
| 0 | 3.98 | 3.69 | 3.64 | 3.77 |

Plate Load Test Results

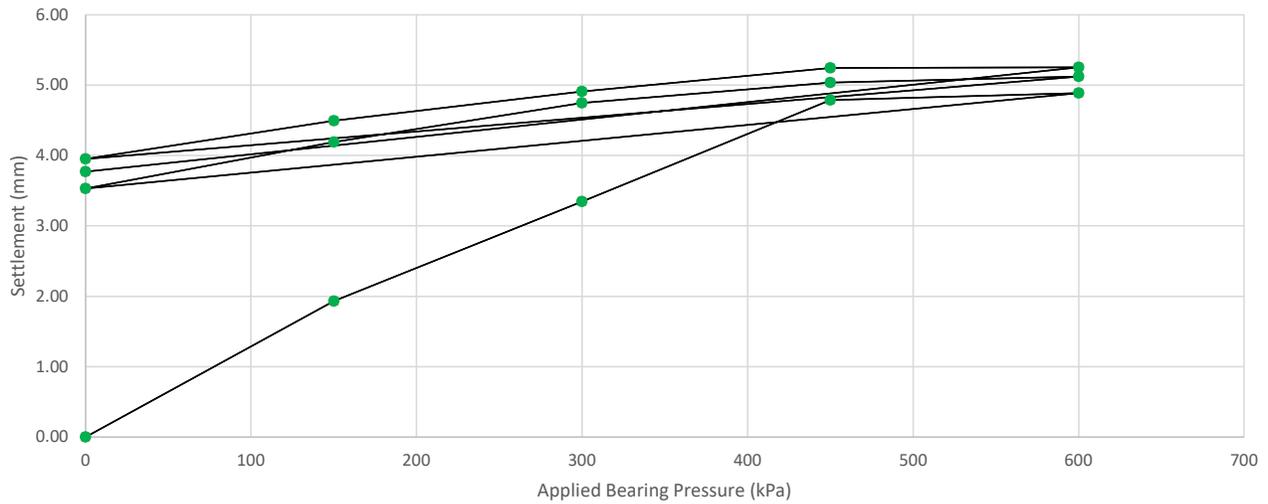


Plate Load Test Results

| | | | |
|------------------|----------------------|---------------------|---------------|
| Client: | Shadforth Civil | Test No.: | 2 |
| Project: | Skyridge | Date Tested: | 11 April 2024 |
| Location: | E: 532875 N: 6899334 | Tested by: | TH |

| Plate Diameter (mm) | 0.76 | | | | Unable to Test at 600kpa due to Extention of Jack |
|------------------------|------------------------------|------------------------------|------------------------------|-------------------------|---|
| Bearing Pressure (kPa) | Dial 1 Final Settlement (mm) | Dial 2 Final Settlement (mm) | Dial 3 Final Settlement (mm) | Average Settlement (mm) | |
| 0 | 0 | 0.00 | 0.00 | 0.00 | |
| 150 | 3.85 | 2.80 | 3.27 | 3.31 | |
| 300 | 6.02 | 5.44 | 6.27 | 5.91 | |
| 450 | 6.97 | 6.39 | 6.05 | 6.47 | |
| | | | | #DIV/0! | |
| 0 | 5.48 | 4.86 | 4.82 | 5.05 | |
| 150 | 6.26 | 5.62 | 5.45 | 5.78 | |
| 300 | 6.75 | 6.22 | 5.92 | 6.30 | |
| 450 | 7.39 | 6.86 | 6.42 | 6.89 | |
| 600 | 7.42 | 6.88 | 6.43 | 6.91 | |
| 0 | 6.05 | 5.58 | 5.36 | 5.66 | |
| 150 | 6.74 | 6.29 | 5.91 | 6.31 | |
| 300 | 7.3 | 6.77 | 6.29 | 6.79 | |
| 450 | 7.59 | 7.14 | 6.58 | 7.10 | |
| 600 | 7.64 | 7.18 | 6.60 | 7.14 | |
| 0 | 6.13 | 5.60 | 5.33 | #REF! | |

Plate Load Test Results

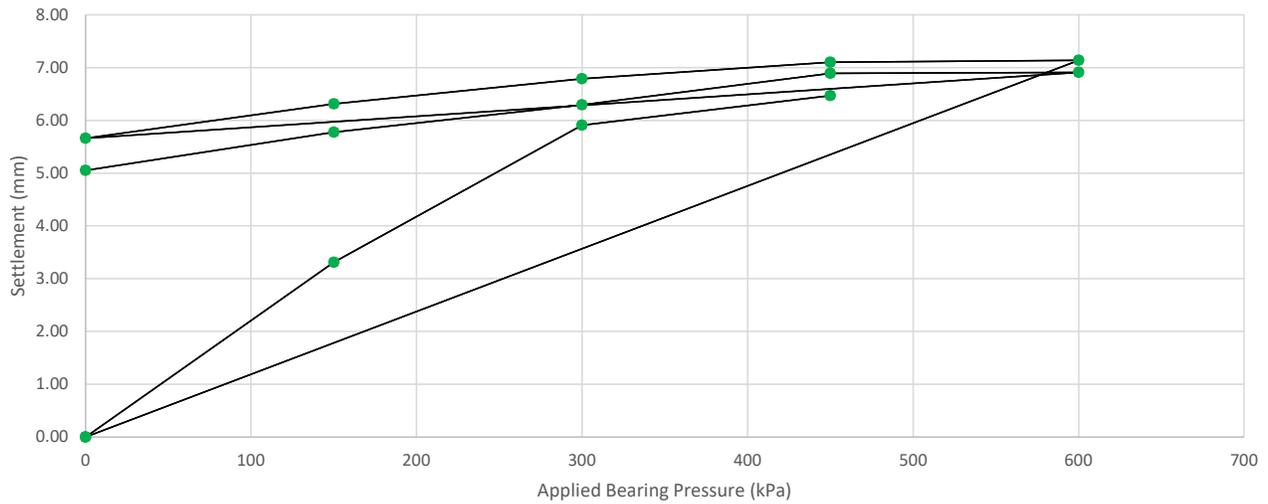


Plate Load Test Results

| | | | |
|------------------|----------------------|---------------------|---------------|
| Client: | Shadforth Civil | Test No.: | 3 |
| Project: | Skyridge | Date Tested: | 11 April 2024 |
| Location: | E: 532938 N: 6899344 | Tested by: | TH |

| Plate Diameter (mm) | 0.76 | | | |
|------------------------|------------------------------|------------------------------|------------------------------|-------------------------|
| Bearing Pressure (kPa) | Dial 1 Final Settlement (mm) | Dial 2 Final Settlement (mm) | Dial 3 Final Settlement (mm) | Average Settlement (mm) |
| 0 | 0 | 0.00 | 0.00 | 0.00 |
| 150 | 2.48 | 2.46 | 3.25 | 2.73 |
| 300 | 4.02 | 4.06 | 5.35 | 4.48 |
| 450 | 5.76 | 5.37 | 7.20 | 6.11 |
| 600 | 6.11 | 5.93 | 7.72 | 6.59 |
| 0 | 4.25 | 3.69 | 3.19 | 3.71 |
| 150 | 5.21 | 4.39 | 6.04 | 5.21 |
| 300 | 5.7 | 4.91 | 6.62 | 5.74 |
| 450 | 6.52 | 5.54 | 6.94 | 6.33 |
| 600 | 6.96 | 6.26 | 7.61 | 6.94 |
| 0 | 5.23 | 4.51 | 5.63 | 5.12 |
| 150 | 6 | 5.16 | 8.41 | 6.52 |
| 300 | 6.41 | 5.57 | 6.89 | 6.29 |
| 450 | 6.72 | 5.84 | 7.03 | 6.53 |
| 600 | 8.5 | 9.78 | 10.45 | 9.58 |
| 0 | 5.54 | 3.99 | 5.55 | #REF! |

Plate Load Test Results

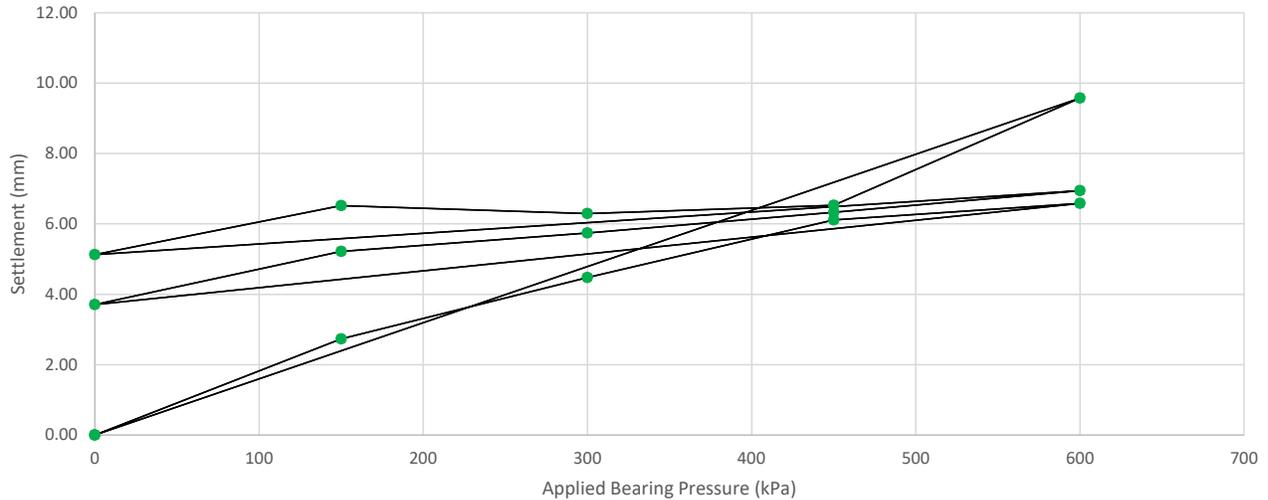


Plate Load Test Results

| | | | |
|------------------|----------------------|---------------------|---------------|
| Client: | Shadforth Civil | Test No.: | 4 |
| Project: | Skyridge | Date Tested: | 11 April 2024 |
| Location: | E: 532894 N: 6899322 | Tested by: | TH |

| Plate Diameter (mm) | 0.76 | | | |
|------------------------|------------------------------|------------------------------|------------------------------|-------------------------|
| Bearing Pressure (kPa) | Dial 1 Final Settlement (mm) | Dial 2 Final Settlement (mm) | Dial 3 Final Settlement (mm) | Average Settlement (mm) |
| 0 | 0 | 0.00 | 0.00 | 0.00 |
| 150 | 3.81 | 3.39 | 3.75 | 3.65 |
| 300 | 6.31 | 6.01 | 6.46 | 6.26 |
| 450 | 7.07 | 8.04 | 7.78 | 7.63 |
| 600 | 7.09 | 8.38 | 7.96 | 7.81 |
| 0 | 5.34 | 6.31 | 6.20 | 5.95 |
| 150 | 6.4 | 7.28 | 7.11 | 6.93 |
| 300 | 7 | 7.89 | 7.66 | 7.52 |
| 450 | 7.42 | 8.84 | 8.23 | 8.16 |
| 600 | 7.43 | 8.87 | 8.24 | 8.18 |
| 0 | 5.49 | 6.78 | 6.44 | 6.24 |
| 150 | 6.73 | 7.14 | 7.43 | 7.10 |
| 300 | 7.07 | 8.22 | 7.78 | 7.69 |
| 450 | 7.64 | 9.17 | 8.45 | 8.42 |
| 600 | 7.65 | 8.23 | 8.46 | 8.11 |
| 0 | 5.71 | 7.16 | 6.64 | #REF! |

Plate Load Test Results

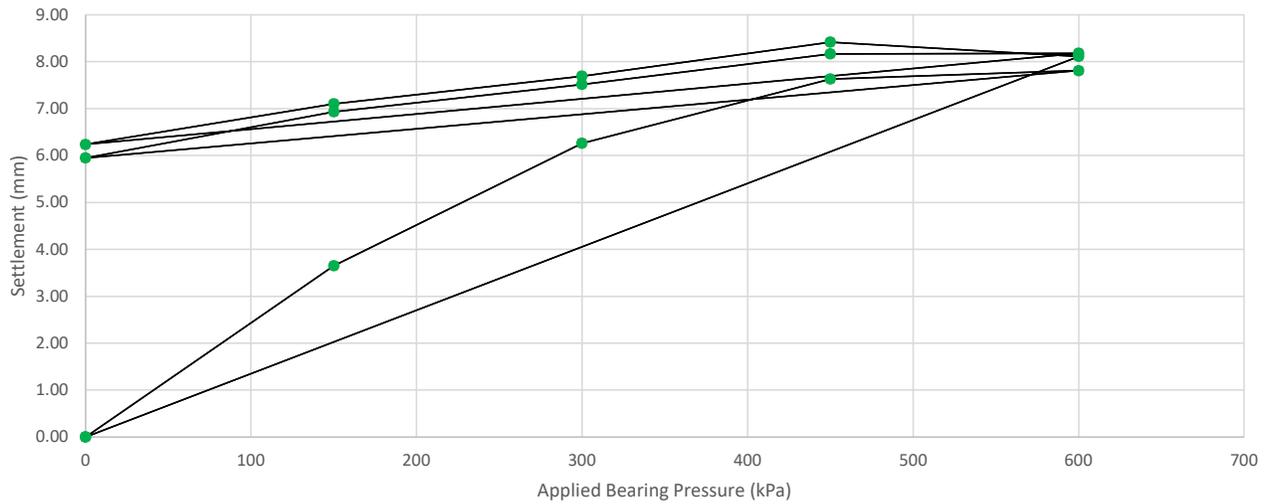


Plate Load Test Results

| | | | | | |
|-------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------------|--|
| Client: | Shadforth Civil | | Test No. | 6 | |
| Project: | Skyridge | | Date Tested: | 12 April 2024 | |
| Location: | E: 532908 N: 6899305 | | Tested by: | TH | |
| Plate Diameter (mm) | 0.76 | 100 mm Layer of capping present | | | |
| Bearing Pressure (kPa) | Dial 1 Final Settlement (mm) | Dial 2 Final Settlement (mm) | Dial 3 Final Settlement (mm) | Average Settlement (mm) | |
| 0 | 0 | 0 | 0 | 0.00 | |
| 150 | 9.17 | 6.97 | 6.93 | 7.69 | |
| 300 | 11.78 | 9.26 | 10.11 | 10.38 | |
| 450 | 14.07 | 11.54 | 13.17 | 12.93 | |
| 550 | 14.87 | 12.23 | 15.24 | 14.11 | |
| 0 | 12.64 | 10.35 | 12.52 | 11.84 | |
| 150 | 13.79 | 11.01 | 13.42 | 12.74 | |
| 300 | 14.62 | 11.80 | 14.33 | 13.58 | |
| 450 | 15.07 | 12.28 | 14.95 | 14.10 | |
| 550 | 15.25 | 12.55 | 15.58 | 14.46 | |
| 0 | 13.25 | 10.67 | 13.25 | 12.39 | |
| 150 | 14.33 | 11.35 | 14.08 | 13.25 | |
| 300 | 14.96 | 11.96 | 14.71 | 13.88 | |
| 450 | 15.36 | 12.44 | 15.32 | 14.37 | |
| 550 | 15.33 | 12.72 | 15.92 | 14.66 | |
| 0 | 13.58 | 10.99 | 13.56 | 12.71 | |

Plate Load Test Results

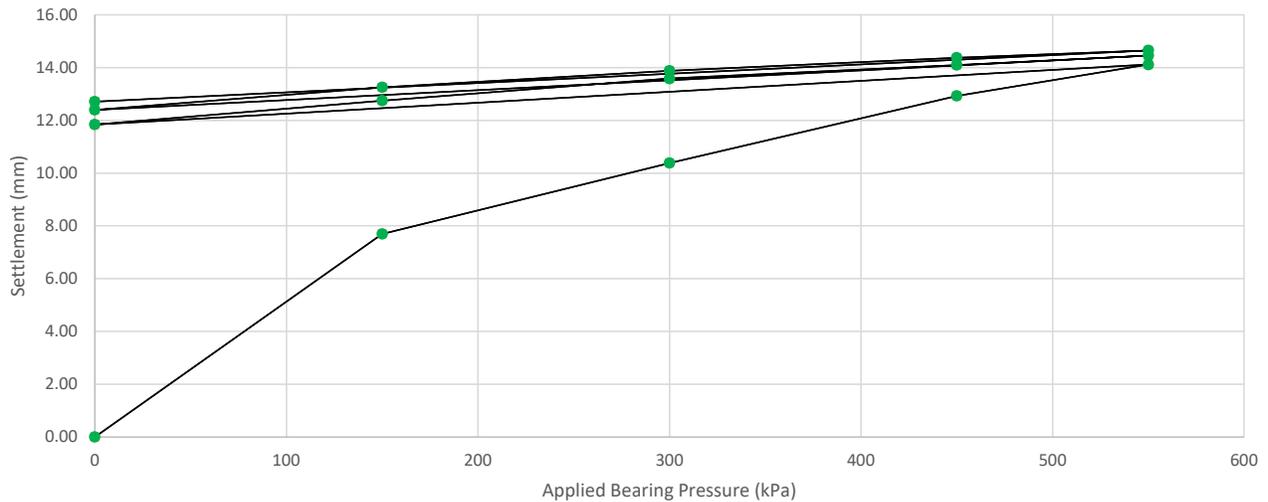


Plate Load Test Results

| | | | |
|------------------|----------------------|---------------------|---------------|
| Client: | Shadforth Civil | Test No. | 7 |
| Project: | Skyridge | Date Tested: | 12 April 2024 |
| Location: | E: 532942 N: 6899292 | Tested by: | TH |

| Plate Diameter (mm) | 0.76 | | | |
|------------------------|------------------------------|------------------------------|------------------------------|-------------------------|
| Bearing Pressure (kPa) | Dial 1 Final Settlement (mm) | Dial 2 Final Settlement (mm) | Dial 3 Final Settlement (mm) | Average Settlement (mm) |
| 0 | 0 | 0 | 0 | 0.00 |
| 150 | 4.74 | 4.29 | 4.61 | 4.55 |
| 300 | 7.61 | 7.91 | 8.58 | 8.03 |
| 450 | 11.1 | 11.63 | 12.83 | 11.85 |
| 550 | 14.75 | 15.27 | 17.61 | 15.88 |
| 0 | 5.8 | 6.53 | 7.67 | 6.67 |
| 150 | 9.67 | 10.30 | 12.03 | 10.67 |
| 300 | 12.97 | 13.05 | 15.74 | 13.92 |
| 450 | 14.92 | 15.60 | 18.00 | 16.17 |
| 550 | 16.37 | 17.18 | 19.97 | 17.84 |
| 0 | 8.56 | 9.60 | 11.40 | 9.85 |
| 150 | 13.41 | 14.47 | 16.91 | 14.93 |
| 300 | 15.35 | 16.41 | 19.08 | 16.95 |
| 450 | 16.19 | 17.23 | 19.92 | 17.78 |
| 550 | 19.68 | 20.75 | 24.40 | 21.61 |
| 0 | 10.26 | 11.64 | 13.99 | 11.96 |

Plate Load Test Results

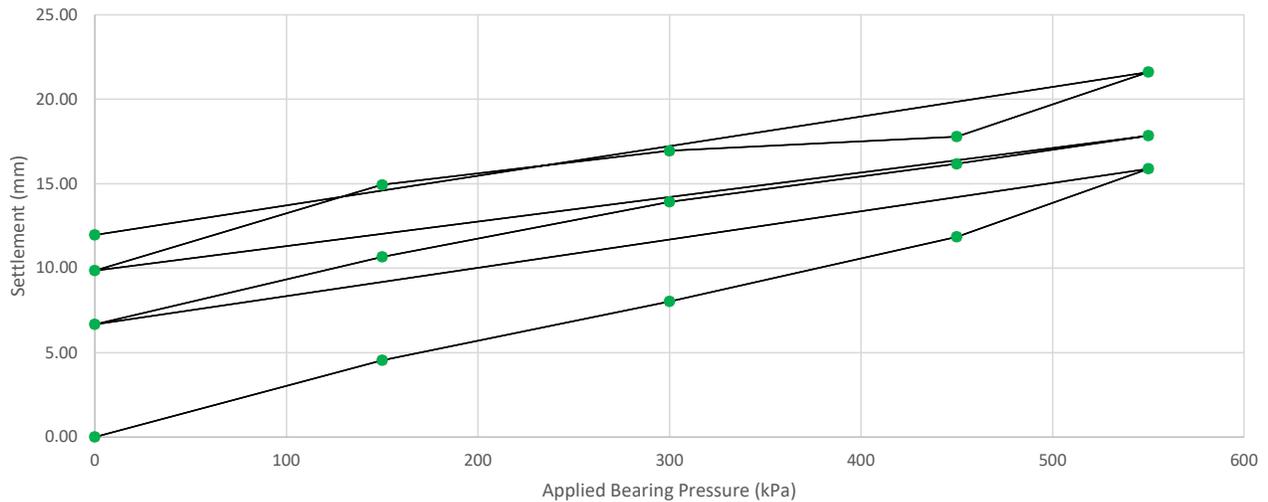


Plate Load Test Results

| | | | |
|------------------|----------------------|---------------------|---------------|
| Client: | Shadforth Civil | Test No.: | 8 |
| Project: | Skyridge | Date Tested: | 12 April 2024 |
| Location: | E: 532919 N: 6899280 | Tested by: | TH |

| Plate Diameter (mm) | 0.76 | | | | |
|------------------------|------------------------------|------------------------------|------------------------------|-------------------------|--|
| Bearing Pressure (kPa) | Dial 1 Final Settlement (mm) | Dial 2 Final Settlement (mm) | Dial 3 Final Settlement (mm) | Average Settlement (mm) | |
| 0 | 0 | 0 | 0 | 0.00 | |
| 150 | 3.18 | 3.20 | 4.40 | 3.59 | |
| 300 | 4.52 | 4.39 | 5.45 | 4.79 | |
| 450 | 5.65 | 5.31 | 6.19 | 5.72 | |
| 550 | 6.64 | 6.05 | 6.60 | 6.43 | |
| 0 | 5 | 4.66 | 5.00 | 4.89 | |
| 150 | 5.87 | 5.58 | 6.23 | 5.89 | |
| 300 | 6.21 | 5.83 | 6.50 | 6.18 | |
| 450 | 6.62 | 6.08 | 6.77 | 6.49 | |
| 550 | 6.97 | 6.31 | 6.93 | 6.74 | |
| 0 | 5.32 | 4.92 | 5.33 | 5.19 | |
| 150 | 5.91 | 5.61 | 6.29 | 5.94 | |
| 300 | 6.51 | 6.02 | 6.72 | 6.42 | |
| 450 | 6.86 | 6.24 | 6.94 | 6.68 | |
| 550 | 7.16 | 6.43 | 7.09 | 6.89 | |
| 0 | 5.48 | 5.03 | 5.46 | 5.32 | |

Plate Load Test Results

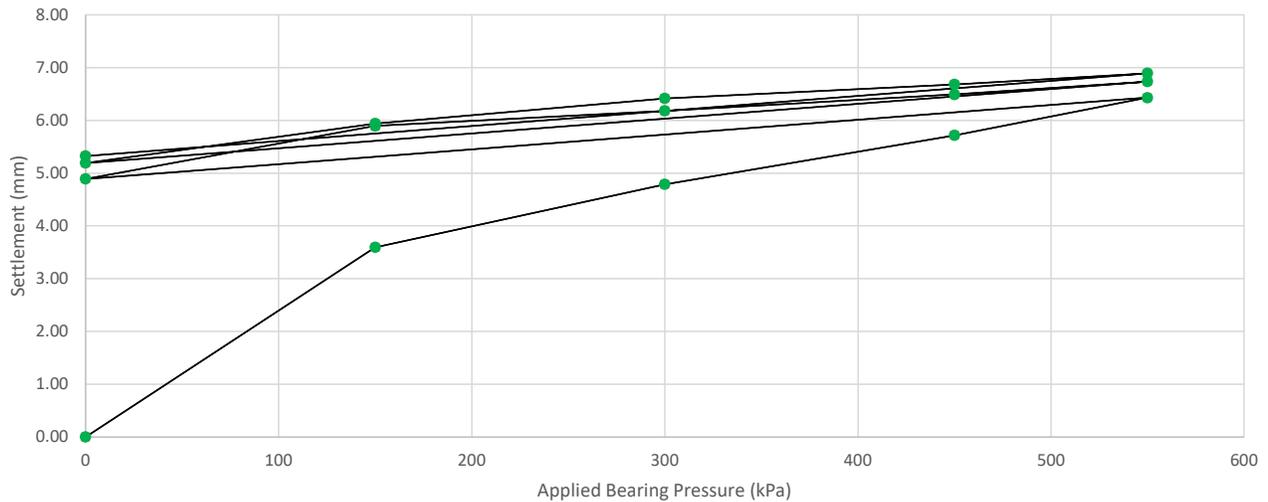


Plate Load Test Results

| | | | |
|------------------|----------------------|---------------------|---------------|
| Client: | Shadforth Civil | Test No.: | 9 |
| Project: | Skyridge | Date Tested: | 12 April 2024 |
| Location: | E: 532914 N: 6899278 | Tested by: | TH |

| Plate Diameter (mm) | 0.76 | | | |
|------------------------|------------------------------|------------------------------|------------------------------|-------------------------|
| Bearing Pressure (kPa) | Dial 1 Final Settlement (mm) | Dial 2 Final Settlement (mm) | Dial 3 Final Settlement (mm) | Average Settlement (mm) |
| 0 | 0 | 0 | 0 | 0.00 |
| 150 | 3.75 | 3.85 | 4.90 | 4.17 |
| 300 | 6.54 | 6.56 | 7.60 | 6.90 |
| 450 | 8.53 | 8.48 | 9.41 | 8.81 |
| 550 | 10.15 | 9.61 | 10.63 | 10.13 |
| 0 | 8.33 | 7.96 | 7.77 | 8.02 |
| 150 | 9.47 | 8.89 | 9.68 | 9.35 |
| 300 | 9.92 | 9.24 | 10.10 | 9.75 |
| 450 | 10.51 | 9.68 | 10.68 | 10.29 |
| 550 | 11.05 | 10.01 | 11.13 | 10.73 |
| 0 | 9.25 | 8.53 | 8.43 | 8.74 |
| 150 | 10.3 | 9.36 | 10.18 | 9.95 |
| 300 | 10.73 | 9.70 | 10.59 | 10.34 |
| 450 | 11.19 | 10.06 | 11.00 | 10.75 |
| 550 | 11.59 | 10.35 | 11.39 | 11.11 |
| 0 | 9.7 | 8.71 | 8.72 | 9.04 |

Plate Load Test Results

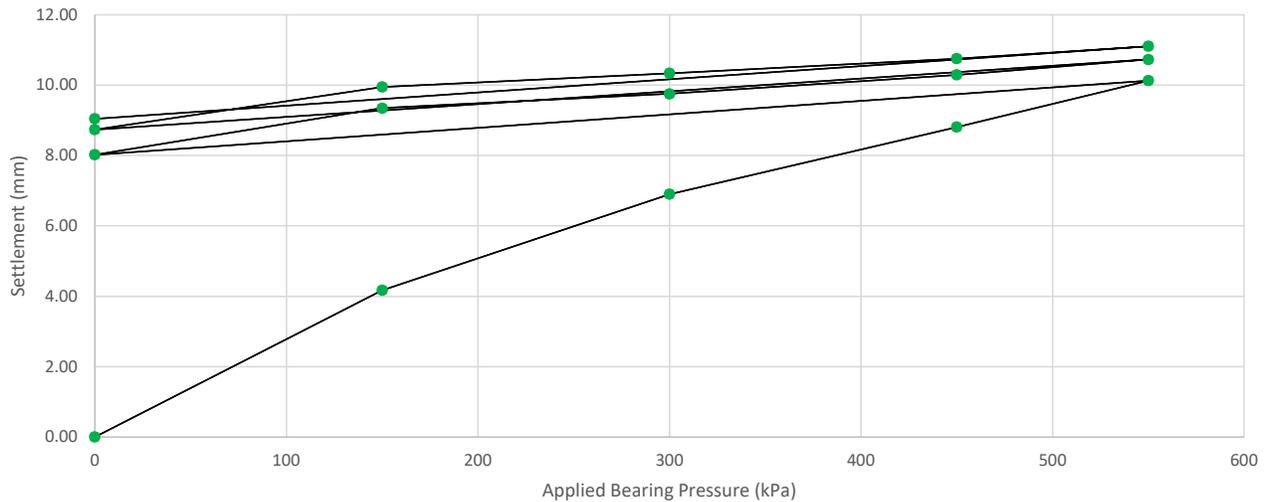


Plate Load Test Results

| | | | |
|------------------|----------------------|---------------------|---------------|
| Client: | Shadforth Civil | Test No.: | 10 |
| Project: | Skyridge | Date Tested: | 12 April 2024 |
| Location: | E: 532867 N: 6899304 | Tested by: | TH |

| Plate Diameter (mm) | 0.76 | | | |
|------------------------|------------------------------|------------------------------|------------------------------|-------------------------|
| Bearing Pressure (kPa) | Dial 1 Final Settlement (mm) | Dial 2 Final Settlement (mm) | Dial 3 Final Settlement (mm) | Average Settlement (mm) |
| 0 | 0 | 0 | 0 | 0.00 |
| 150 | 3.81 | 5.05 | 4.54 | 4.47 |
| 300 | 5.21 | 7.06 | 5.89 | 6.05 |
| 450 | 6.44 | 8.30 | 6.85 | 7.20 |
| 550 | 7.19 | 8.56 | 7.17 | 7.64 |
| 0 | 5.45 | 5.92 | 4.48 | 5.28 |
| 150 | 6.53 | 8.13 | 6.35 | 7.00 |
| 300 | 6.9 | 8.64 | 6.82 | 7.45 |
| 450 | 7.3 | 9.03 | 7.20 | 7.84 |
| 550 | 7.58 | 9.13 | 7.44 | 8.05 |
| 0 | 5.9 | 6.46 | 4.90 | 5.75 |
| 150 | 7.13 | 8.83 | 6.83 | 7.60 |
| 300 | 7.27 | 9.03 | 7.03 | 7.78 |
| 450 | 7.3 | 9.07 | 7.05 | 7.81 |
| 550 | 7.84 | 9.46 | 7.63 | 8.31 |
| 0 | 6.22 | 6.86 | 5.18 | 6.09 |

Plate Load Test Results

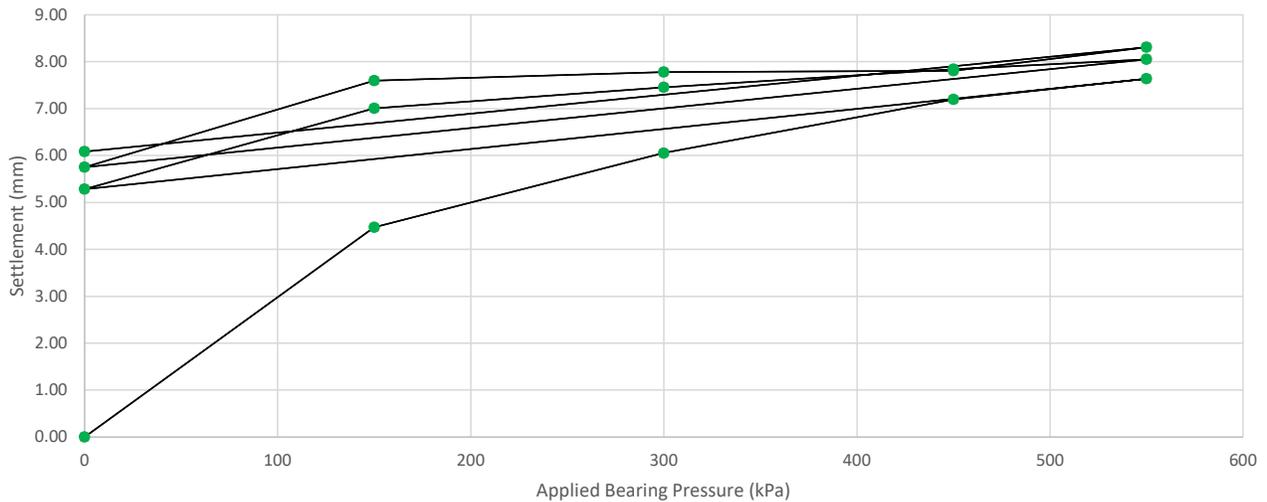


Plate Load Test Results

| | | | |
|------------------|----------------------|---------------------|---------------|
| Client: | Shadforth Civil | Test No.: | 11 |
| Project: | Skyridge | Date Tested: | 12 April 2024 |
| Location: | E: 532889 N: 6899370 | Tested by: | TH |

| Plate Diameter (mm) | 0.76 | | | |
|------------------------|------------------------------|------------------------------|------------------------------|-------------------------|
| Bearing Pressure (kPa) | Dial 1 Final Settlement (mm) | Dial 2 Final Settlement (mm) | Dial 3 Final Settlement (mm) | Average Settlement (mm) |
| 0 | 0 | 0 | 0 | 0.00 |
| 150 | 1.76 | 2.13 | 3.52 | 2.47 |
| 300 | 2.5 | 2.80 | 4.31 | 3.20 |
| 450 | 3.32 | 3.36 | 4.97 | 3.88 |
| 550 | 3.93 | 3.67 | 3.35 | 3.65 |
| 0 | 1.77 | 1.84 | 3.32 | 2.31 |
| 150 | 3.17 | 3.22 | 4.85 | 3.75 |
| 300 | 3.54 | 3.56 | 5.26 | 4.12 |
| 450 | 3.85 | 3.75 | 4.57 | 4.06 |
| 550 | 4.17 | 3.94 | 6.69 | 4.93 |
| 0 | 2.09 | 2.14 | 3.72 | 2.65 |
| 150 | 3.47 | 3.49 | 5.18 | 4.05 |
| 300 | 3.75 | 3.79 | 5.52 | 4.35 |
| 450 | 4.09 | 3.97 | 6.36 | 4.81 |
| 550 | 4.34 | 4.09 | 5.90 | 4.78 |
| 0 | 2.23 | 2.28 | 3.93 | 2.81 |

Plate Load Test Results

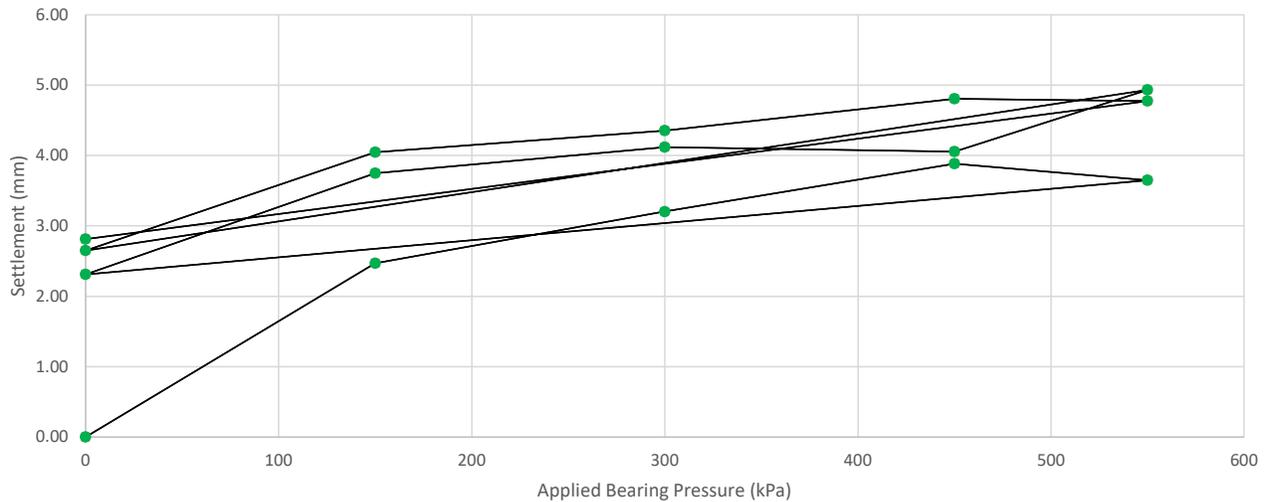


Plate Load Test Results

| | | | |
|------------------|----------------------|---------------------|---------------|
| Client: | Shadforth Civil | Test No.: | 12 |
| Project: | Skyridge | Date Tested: | 15 April 2024 |
| Location: | E: 532822 N: 6899099 | Tested by: | TH |

| Plate Diameter (mm) | 0.76 | | | |
|------------------------|------------------------------|------------------------------|------------------------------|-------------------------|
| Bearing Pressure (kPa) | Dial 1 Final Settlement (mm) | Dial 2 Final Settlement (mm) | Dial 3 Final Settlement (mm) | Average Settlement (mm) |
| 0 | 0 | 0 | 0 | 0.00 |
| 150 | 3.69 | 3.50 | 3.85 | 3.68 |
| 300 | 5.97 | 5.95 | 5.89 | 5.94 |
| 450 | 7.44 | 7.65 | 6.69 | 7.26 |
| 550 | 8.45 | 8.71 | 7.41 | 8.19 |
| 0 | 6.19 | 6.87 | 4.82 | 5.96 |
| 150 | 7.3 | 7.61 | 6.50 | 7.14 |
| 300 | 7.89 | 8.21 | 6.99 | 7.70 |
| 450 | 8.43 | 8.77 | 7.39 | 8.20 |
| 550 | 8.83 | 9.10 | 7.76 | 8.56 |
| 0 | 6.63 | 7.31 | 5.23 | 6.39 |
| 150 | 7.63 | 8.07 | 6.85 | 7.52 |
| 300 | 8.2 | 8.65 | 7.35 | 8.07 |
| 450 | 8.77 | 9.21 | 7.74 | 8.57 |
| 550 | 9.15 | 9.51 | 8.06 | 8.91 |
| 0 | 7.02 | 7.77 | 6.04 | 6.94 |

Plate Load Test Results

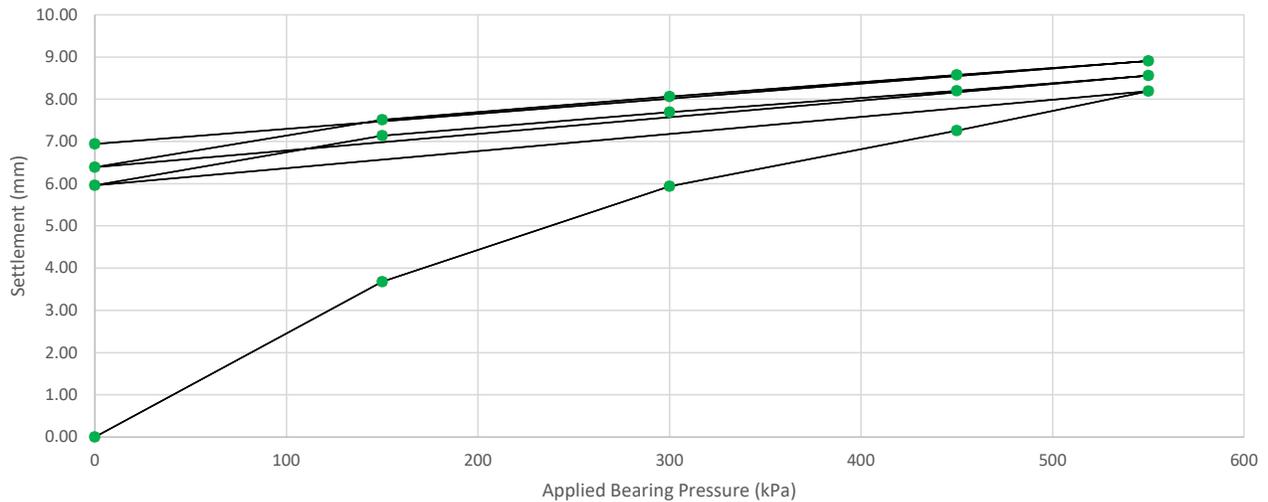


Plate Load Test Results

| | | | |
|------------------|----------------------|---------------------|---------------|
| Client: | Shadforth Civil | Test No.: | 13 |
| Project: | Skyridge | Date Tested: | 15 April 2024 |
| Location: | E: 532790 N: 6899110 | Tested by: | TH |

| Plate Diameter (mm) | 0.76 | | | | |
|------------------------|------------------------------|------------------------------|------------------------------|-------------------------|--|
| Bearing Pressure (kPa) | Dial 1 Final Settlement (mm) | Dial 2 Final Settlement (mm) | Dial 3 Final Settlement (mm) | Average Settlement (mm) | |
| 0 | 0 | 0 | 0 | 0.00 | |
| 150 | 3.2 | 0.00 | 2.62 | 1.94 | |
| 300 | 5.38 | 1.21 | 3.90 | 3.50 | |
| 450 | 7.02 | 2.85 | 4.95 | 4.94 | |
| 550 | 8.03 | 3.89 | 5.86 | 5.93 | |
| 0 | 5.53 | 2.13 | 4.45 | 4.04 | |
| 150 | 7.12 | 3.10 | 5.42 | 5.21 | |
| 300 | 7.55 | 3.46 | 5.68 | 5.56 | |
| 450 | 8.14 | 4.01 | 5.98 | 6.04 | |
| 550 | 5.54 | 4.38 | 6.19 | 5.37 | |
| 0 | 6.09 | 2.74 | 4.89 | 4.57 | |
| 150 | 7.34 | 3.41 | 5.62 | 5.46 | |
| 300 | 8 | 3.95 | 6.00 | 5.98 | |
| 450 | 8.46 | 4.31 | 6.25 | 6.34 | |
| 550 | 8.8 | 4.65 | 6.46 | 6.64 | |
| 0 | 6.42 | 3.00 | 5.11 | 4.84 | |

Plate Load Test Results

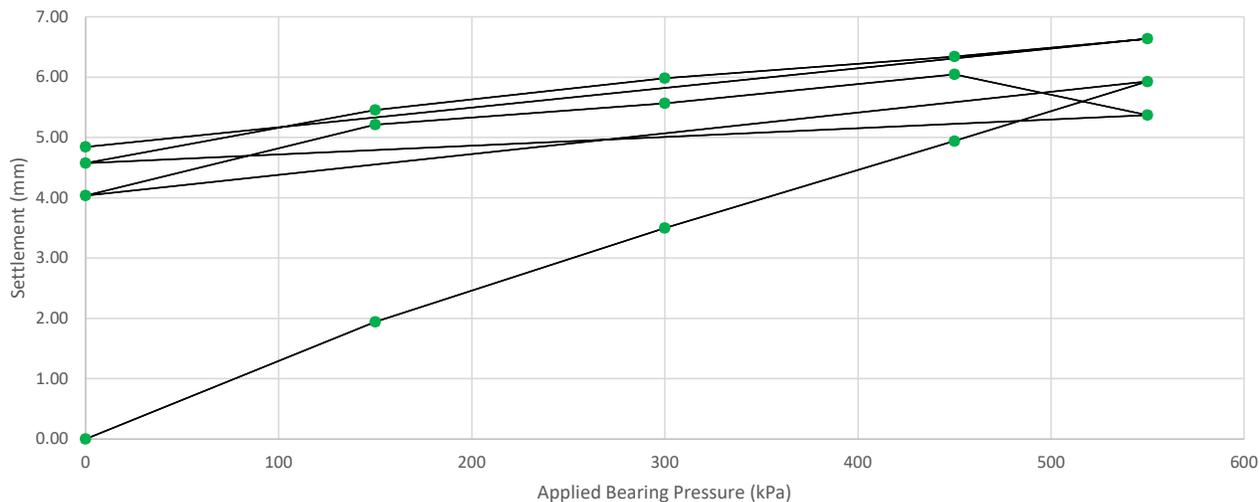


Plate Load Test Results

| | | | |
|------------------|----------------------|---------------------|---------------|
| Client: | Shadforth Civil | Test No.: | 14 |
| Project: | Skyridge | Date Tested: | 15 April 2024 |
| Location: | E: 532762 N: 6899120 | Tested by: | TH |

| Plate Diameter (mm) | 0.76 | | | |
|------------------------|------------------------------|------------------------------|------------------------------|-------------------------|
| Bearing Pressure (kPa) | Dial 1 Final Settlement (mm) | Dial 2 Final Settlement (mm) | Dial 3 Final Settlement (mm) | Average Settlement (mm) |
| 0 | 0 | 0 | 0 | 0.00 |
| 150 | 4.7 | 5.71 | 4.17 | 4.86 |
| 300 | 7.4 | 8.27 | 6.54 | 7.40 |
| 450 | 9.03 | 8.41 | 8.08 | 8.51 |
| 550 | 10.15 | 8.47 | 9.15 | 9.26 |
| 0 | 7.67 | 5.32 | 6.70 | 6.56 |
| 150 | 9.07 | 7.13 | 8.07 | 8.09 |
| 300 | 9.69 | 7.79 | 8.62 | 8.70 |
| 450 | 10.21 | 8.31 | 9.06 | 9.19 |
| 550 | 10.65 | 8.70 | 9.48 | 9.61 |
| 0 | 8.27 | 5.74 | 7.20 | 7.07 |
| 150 | 9.67 | 7.49 | 8.49 | 8.55 |
| 300 | 10.23 | 8.15 | 9.00 | 9.13 |
| 450 | 10.62 | 8.56 | 9.35 | 9.51 |
| 550 | 10.95 | 7.83 | 9.65 | 9.48 |
| 0 | 8.6 | 5.02 | 7.42 | 7.01 |

Plate Load Test Results

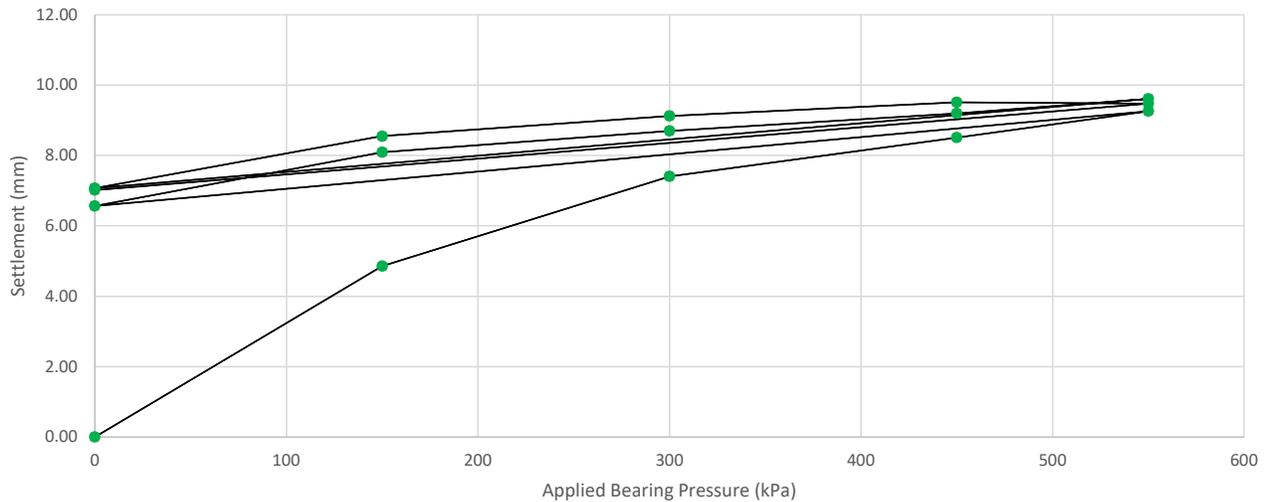
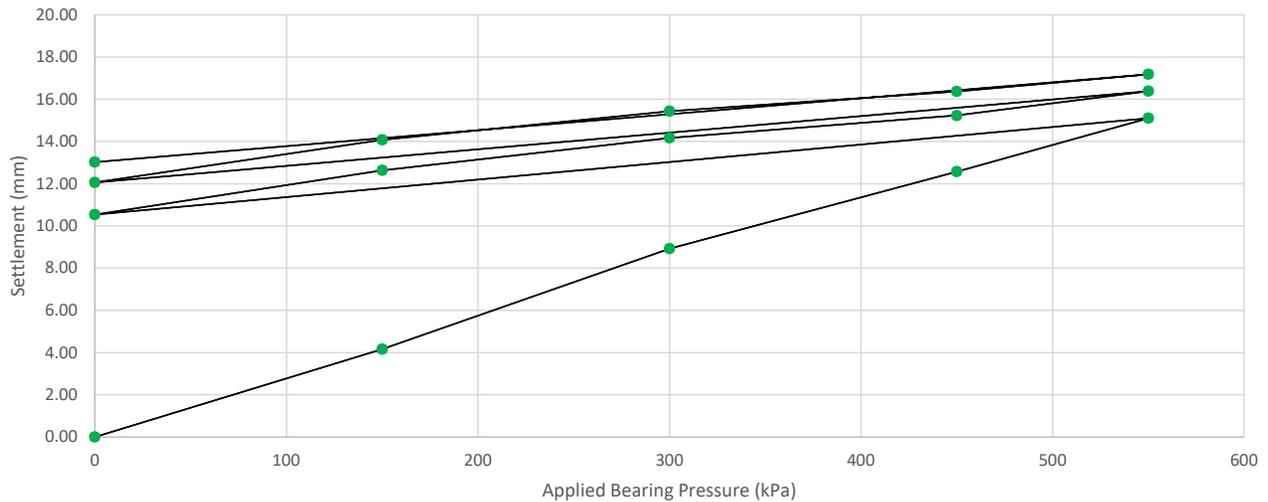
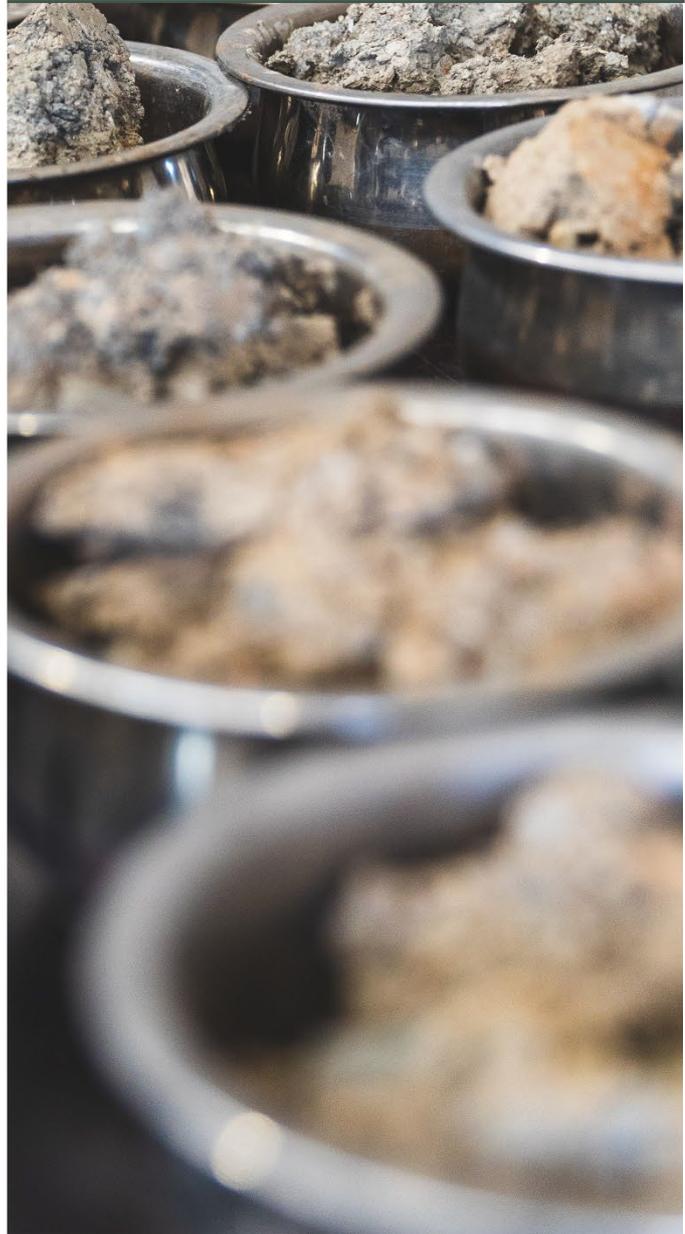
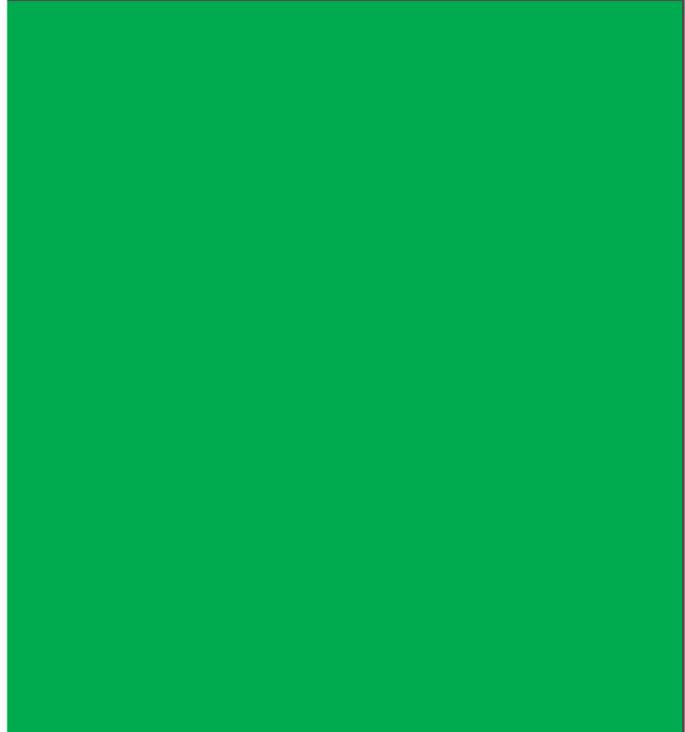


Plate Load Test Results

| | | | | |
|-------------------------------|-------------------------------------|---|-------------------------------------|--------------------------------|
| Client: | Shadforth Civil | Test No. | 15 | |
| Project: | Skyridge | Date Tested: | 15 April 2024 | |
| Location: | E: 532769 N: 6899128 | Tested by: | TH | |
| Plate Diameter (mm) | 0.76 | Large amounts of differential settlement | | |
| Bearing Pressure (kPa) | Dial 1 Final Settlement (mm) | Dial 2 Final Settlement (mm) | Dial 3 Final Settlement (mm) | Average Settlement (mm) |
| 0 | 0 | 0 | 0 | 0.00 |
| 150 | 6.57 | 0.00 | 5.92 | 4.16 |
| 300 | 12.8 | 2.25 | 11.72 | 8.92 |
| 450 | 16.2 | 6.12 | 15.38 | 12.57 |
| 550 | 18.74 | 8.55 | 18.01 | 15.10 |
| 0 | 14.46 | 3.75 | 13.39 | 10.53 |
| 150 | 16.2 | 5.82 | 15.89 | 12.64 |
| 300 | 17.61 | 7.41 | 17.50 | 14.17 |
| 450 | 18.53 | 8.48 | 18.68 | 15.23 |
| 550 | 19.56 | 9.64 | 19.95 | 16.38 |
| 0 | 15.6 | 5.04 | 15.53 | 12.06 |
| 150 | 17.33 | 7.02 | 17.87 | 14.07 |
| 300 | 18.54 | 8.49 | 19.28 | 15.44 |
| 450 | 19.41 | 9.46 | 20.25 | 16.37 |
| 550 | 20.08 | 10.29 | 21.18 | 17.18 |
| 0 | 16.33 | 5.94 | 16.80 | 13.02 |

Plate Load Test Results





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