

Prepared for: Shadforth Civil

Level 1 Earthworks Report SkyRidge Development - Stage 11

12 September 2025 | PTP/12381 - 0016 - Rev0



REPORT DETAILS

Unique Document Identification

Item	Description
Document Title	Level 1 Earthworks Report
Project Number	PTP/12381
Document ID	PTP/12381 – 0016 - Rev0
Client	Shadforth Civil
Client Contact	Tinashe Nyambiya

Protest Office Details

Item	Description
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Revision Details

Revision No.	Date	Comments
0	12/09/2025	Final Report Issued

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 11 project undertaken between 17/07/2023 to 19/05/2025. 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-PO310-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	≥95%

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.*

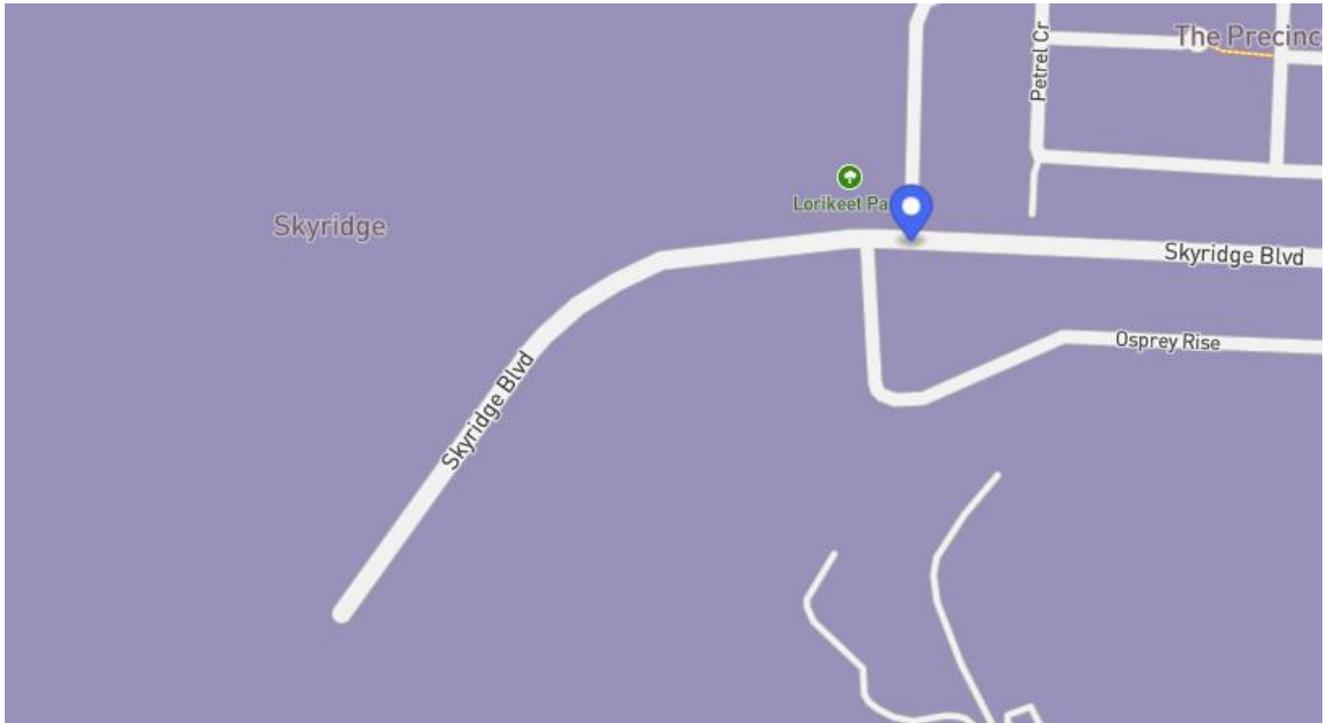


Figure 2: Geological formations map (Image extracted from qgd.org.au)

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: “Filling Operation” – (17/10/2023)

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 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
- » Water Carts
- » Dozers
- » Excavators
- » Dump Trucks
- » 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 10 plate load tests were undertaken within this stage of works, with the results attached.

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: "Filling Operation" – (02/11/2023)



Figure 5: “Filling Operation” – (11/03/2024)

4 FILL THICKNESS GREATER THAN 5M

Fill thicknesses of greater than 5m and locally up to approximately 10m have been constructed at Skyridge – Stage 11. 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 11 by Shadforth Civil between 17/07/2023 to 19/05/2025 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 11 between 17/07/2023 to 19/05/2025 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 19/05/2025. 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; and
- » Any variation in filling depth or extent of areas that is not noted within this report or on the individual test report sheets.
- » 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 11. 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.

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

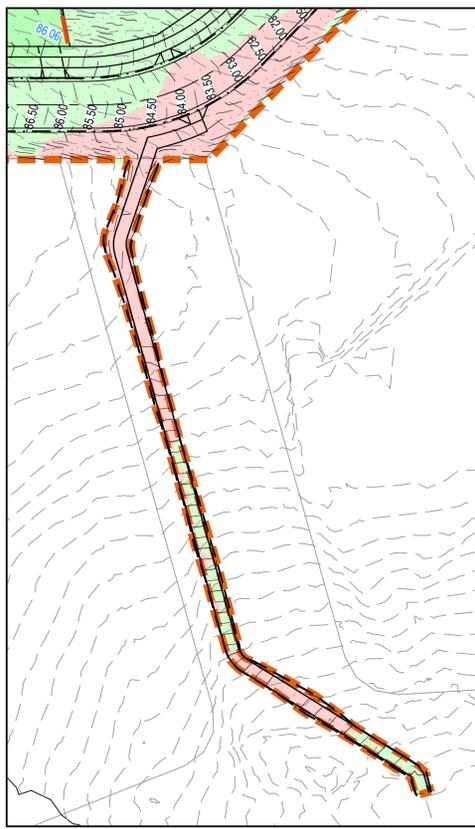


Appendix A Site Plan & Testing Locations



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 WORK.
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 UNDERTAKEN 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 DISH AND POSSED 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.1289 (MODIFIED COMPACTION). THE CONTRACTOR SHALL SUPPLY TO THE ENGINEER CERTIFICATION OF THE COMPACTION ACHIEVED.
11. ALL EARTHWORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH AS3798 UNDER LEVEL 1 SUPERVISION.
12. ALL FILL PLACED ON THE SITE IS TO COMPRISE OF ONLY NATURAL SAND 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 CONTOURS. SPOT 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 (1.5m DEPTH) TO BE PLACED AND COMPACTED IN ACCORDANCE WITH GEOTECHNICAL ENGINEER ADVICE AND SPECIFICATIONS.



CUT FILL DEPTH RANGE

Lower_value	Upper_value	Colour
-99999	to -14	m
-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

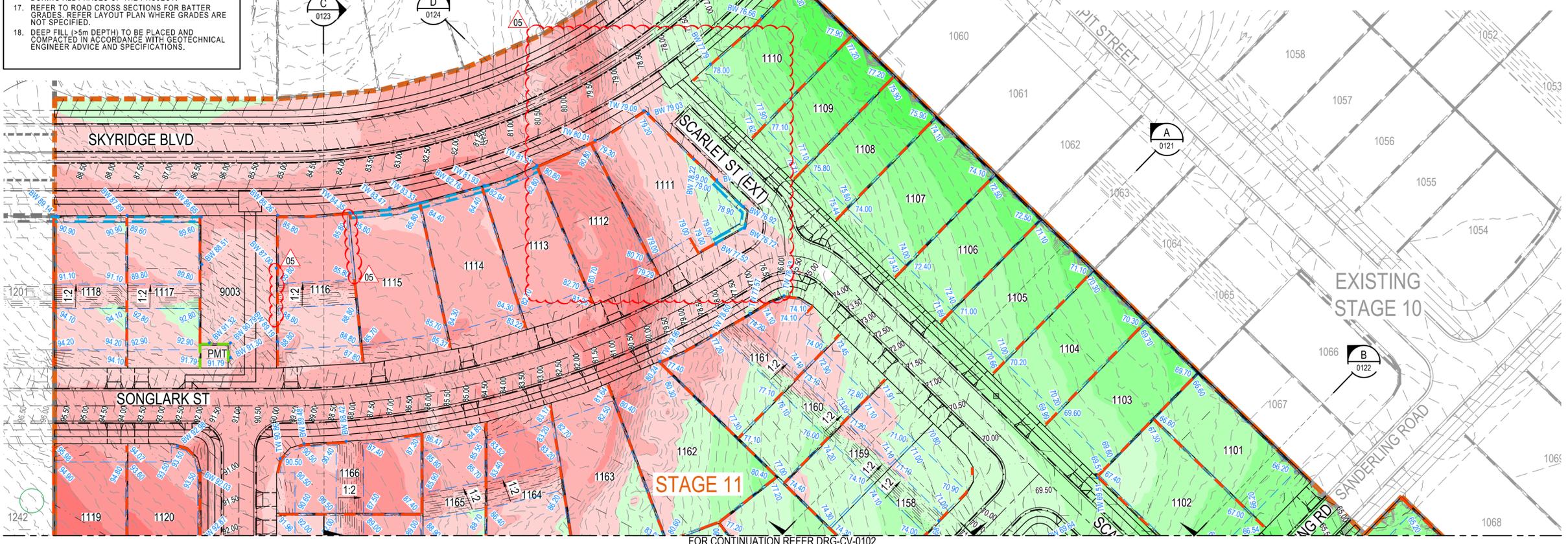
TOTAL EW VOLUME

TOTAL CUT	-66065.096m ³
TOTAL FILL	162338.123m ³
TOTAL BALANCE	96273.027m ³

ie excess of fill over cut

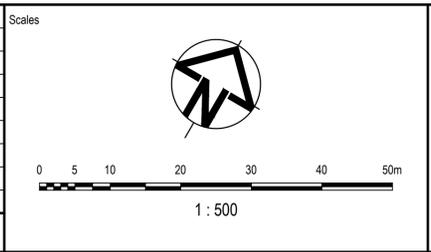
LEGEND

- EXTENT OF WORKS BOUNDARY
- FUTURE STAGE BOUNDARY
- EXISTING STAGES EXTENT OF WORKS BOUNDARY
- 50.0 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
- >1.5m 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



FOR CONTINUATION REFER DRG-CV-0102

Issue	Description	DR	CH	VE	Date
05	RETAINING WALL AMENDMENT	B.M.	E.A.	M.W.	15.10.24
04	GRADING, RETAINING WALL AND PLANTER BOX AMENDMENTS	B.M.	E.A.	M.W.	18.07.24
03	GRADING AND RETAINING WALL AMENDMENTS	B.M.	E.A.	M.W.	26.03.24
02	COUNCIL RFI AMENDMENTS	B.M.	E.A.	M.W.	04.09.23
01	ORIGINAL ISSUE	E.P.	E.A.	M.W.	04.07.23



Surveyor

Client

Status

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CONSTRUCTION SUBJECT TO APPROVAL

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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 11
INTERNAL WORKS

Title

BULK EARTHWORKS
LAYOUT PLAN SHEET 1

Project

SKYRIDGE STAGE 11
INTERNAL WORKS

Title

BULK EARTHWORKS
LAYOUT PLAN SHEET 1

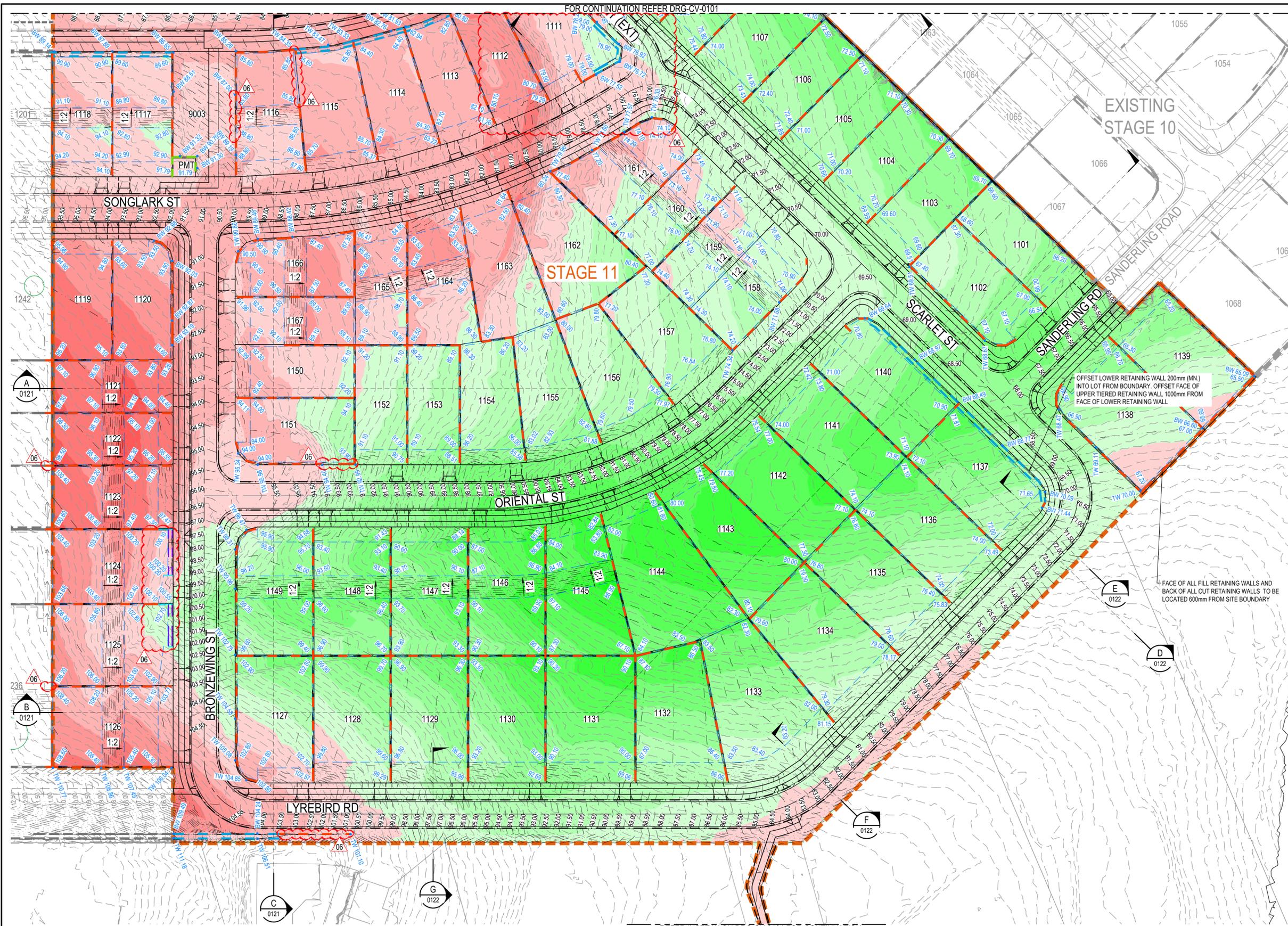
Arcadis Australia Pacific Pty Limited
Level 7, Seabank Building, 12-14 Marine Parade
SOUTHPORT QLD 4215
ABN 76 104 485 289
Tel No: +61 7 5503 4800
www.arcadis.com/au

Project Number: 30062655

Issue: 05

Drawing No: SRE-AAP-DD-P0311-DRG-CV-0101

FOR CONTINUATION REFER DRG-CV-0101

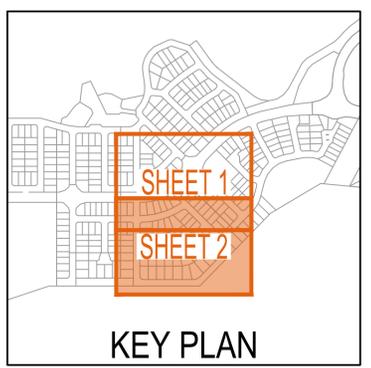


LEGEND

- EXTENT OF WORKS BOUNDARY
- FUTURE STAGE BOUNDARY
- EXISTING STAGES EXTENT OF WORKS BOUNDARY
- 50.0 PROPOSED SURFACE CONTOURS
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- EXISTING TREES

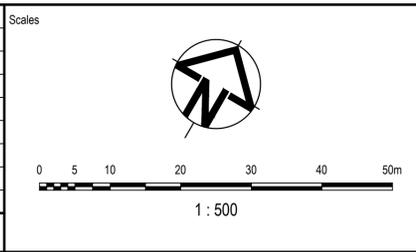
REFER TO DRG-CV-0101 FOR NOTES, CUT AND FILL DEPTH RANGE LEGEND.

TOTAL EW VOLUME	
TOTAL CUT	-66065.096m ³
TOTAL FILL	162338.123m ³
TOTAL BALANCE	96273.027m ³
*excess of fill over cut	



REFER INSET 'A' ON DRG-CV-0101 FOR CONTINUATION

Issue	Description	DR	CH	VE	Date
06	RETAINING WALL AMENDMENT	B.M.	E.A.	M.W.	15.10.24
05	GRADING, RETAINING WALL AND PLANTER BOX AMENDMENTS	B.M.	E.A.	M.W.	18.07.24
04	SPOT LEVEL AMENDED AND CALLOUTS ADDED	B.M.	E.A.	M.W.	22.04.24
03	GRADING AND RETAINING WALL AMENDMENTS	B.M.	E.A.	M.W.	26.03.24
02	COUNCIL RFI AMENDMENTS	B.M.	E.A.	M.W.	04.09.23
01	ORIGINAL ISSUE	E.P.	E.A.	M.W.	04.07.23



Surveyor

Client

Status

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Drawn	E. PON	Height Datum	AHD
Designed	E. ANLANCAN	Grid	LOCAL
Project Manager	M. WENZEL		
Verified	M. WENZEL		

Project

SKYRIDGE STAGE 11
INTERNAL WORKS

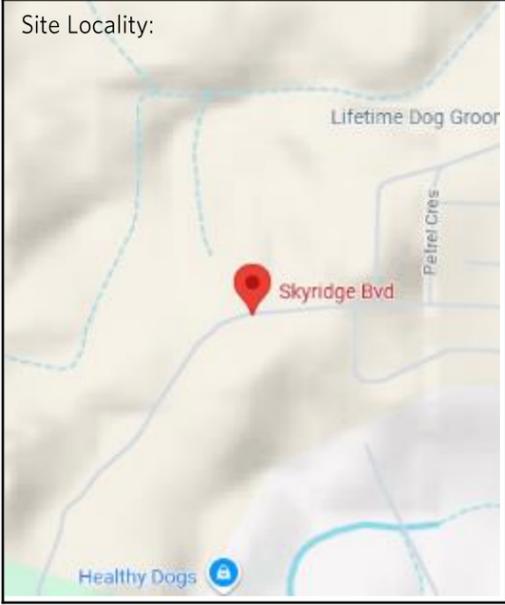
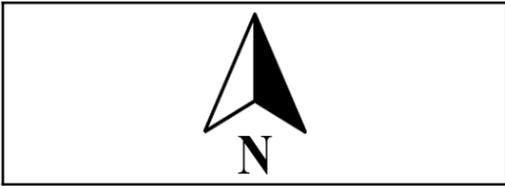
Title

BULK EARTHWORKS
LAYOUT PLAN SHEET 2

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	06

Drawing No: SRE-AAP-DD-P0311-DRG-CV-0102



Legend:

- Approximate test location and sample number



Client: Shadforth's

Site: Skyridge Estate - Stage 11

Title: Test Location Plan

Date: 02/09/25	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 :						
 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 - 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 :						
 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: 27/06/2023		

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 :						
 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 - 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

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>				<p>APPROVED SIGNATORY</p>  <p>Nick Dobson - Signatory</p>		

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 :						
 <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 :	Shadforths	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		

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					

<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%

<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%

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

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

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>	APPROVED SIGNATORY  Nick Dobson - Signatory						
	Document Number :	RF1					Date :

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

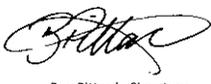
Soil Compaction and Density Tests Report - Compaction Control

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>  Nick Dobson - Signatory		

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 :						
 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 - 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					Date :	4/09/2023

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 :						
 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 - 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 :						
 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 - 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="margin: 0;">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 style="margin: 0;">APPROVED SIGNATORY</p>  <p style="margin: 0;">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
MDR Test Results						
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%
Moisture Test Results :						
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
Density Test Results						
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 : RF1					

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>	<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 - 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			

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) :	-	-	-	-		
ADJ 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 :						
 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 - 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		

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				
<i>MDR Test Results</i>						
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%				
<i>Moisture Test Results :</i>						
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				
<i>Density Test Results</i>						
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							

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		

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 :	Shadforths				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			
MDR Test Results							
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%			
Moisture Test Results :							
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						
Relative Moisture Ratio (Q250) :	-	-	-	-			
Moisture Ratio :	N/A	N/A	N/A	N/A			
Density Test Results							
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	SW Gravelly SAND trace Silt, Well Graded, Brown, Dry	SW Gravelly SAND trace Silt, Well Graded, Brown, Dry	SW Gravelly SAND trace Silt, Well Graded, Brown, Dry			
<i>MDR Test Results</i>							
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%			
<i>Moisture Test Results :</i>							
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	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) :	2.25	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</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 - 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/m ³) :	2.24	2.23	2.22			
Moisture Variation :	2.5%	2.5%	2.5%			
ADJ PCWD (t/m ³) :	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/m ³) :	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						
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						
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>				<p>APPROVED SIGNATORY</p>  <p>Nick Dobson - Signatory</p>			

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 :					
	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 - 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,				
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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		

<i>MDR Test Results</i>						
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%		

<i>Moisture Test Results :</i>						
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					
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) :	2.21	2.22	2.20	2.20		
Density Specification :	98%	98%	98%	98%		
Wet Density Ratio :	99.0%	100.5%	98.5%	98.5%		

Remarks :						
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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>	APPROVED SIGNATORY  Nick Dobson - Signatory					
	Document Number : RF1					

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,		
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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>
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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>  <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 - 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/m ³) :	2.17		
Moisture Variation :	2.0%		
ADJ PCWD (t/m ³) :	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/m ³) :	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		
	Document Number :	RF1	Date :

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			
Document Number :	RF1			Date : 4/09/2023			

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						

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 :						
 <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 :	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 :

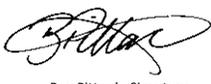
Soil Compaction and Density Tests Report - Compaction Control

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							
MDR Test Results													
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%							
Moisture Test Results :													
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							
Density Test Results													
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>				<p style="text-align: center;">APPROVED SIGNATORY</p> <div style="text-align: center;">  Nick Dobson - Signatory </div>									

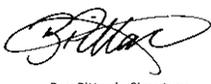
Soil Compaction and Density Tests Report - Compaction Control

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
MDR Test Results						
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%	-
Moisture Test Results :						
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
Density Test Results						
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 :						
 <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 :	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 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>  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 - 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 :	RF1					Date :

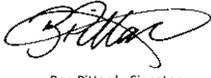
Soil Compaction and Density Tests Report - Compaction Control

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 :						
	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  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>			

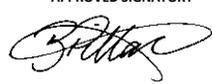
Soil Compaction and Density Tests Report - Compaction Control

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 :						
 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  Ben Pittard - Signatory					
	Document Number : RP1			Date : 29/09/2023		

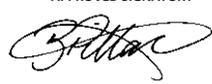
Soil Compaction and Density Tests Report - Compaction Control

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 style="margin: 0;">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 style="margin: 0;">APPROVED SIGNATORY</p>  <p style="margin: 0;">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 :	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 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					
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%					
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					

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 :			
 <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: 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	Test / Layer Depths :	150 / 175	150 / 175	150 / 175	150 / 175	150 / 175	150 / 175
Sampling Method :	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	MDR Test Results						
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	Moisture Test Results :						
ADJ Moisture Variation :	2.0%	-0.5%	0.0%	0.0%	0.5%	0.5%	Field Moisture Content :	7.0%	6.5%	6.5%	7.0%	6.5%	7.0%
Moisture Specification :	+/-2.0% of OMC	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	Density Test Results						
Field Wet Density (t/m ³) :	2.19	2.17	2.17	2.19	2.17	2.18	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%	Density Specification :	98%	98%	98%	98%	98%	98%
Wet Density Ratio :	102.0%	98.0%	99.0%	99.5%	99.0%	99.0%	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 : RFI												
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
<i>MDR Test Results</i>						
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%
<i>Moisture Test Results :</i>						
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
<i>Density Test Results</i>						
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 :						
 <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 - 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</p> <p>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		

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/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		

MDR Test Results						
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%	-		

Moisture Test Results :						
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		

Density Test Results						
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		
Override Wet :	0%	6%	3%	6%		
Override 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	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) :	2.20	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>	APPROVED SIGNATORY  Nick Dobson - Signatory					
	Document Number :	RF1				Date :

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	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 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	+/-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) :	2.16	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 :						
 <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 :	RF-1			Date :	7/12/2023	

Soil Compaction and Density Tests Report - Compaction Control

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
MDR Test Results						
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%
Moisture Test Results :						
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
Density Test Results						
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

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 Base Laboratory Address - 8/36 Bianc Street, ORMEAU, QLD 4208</p>	APPROVED SIGNATORY  Nick Dobson - Signatory					
	Document Number : RP1 Date : 7/12/2023					

Soil Compaction and Density Tests Report - Compaction Control

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		

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		

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 :	-	-	-	-		

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		

<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%		

<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		

<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%		

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

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					
Test Methods :	AS1289.5.4.1, AS1289.5.8.1, AS1289.2.1.1, AS1289.5.7.1,					
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	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 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 :	-	-	-	-	-	-
Test Fraction (mm) :	< 37.5mm	< 37.5mm	< 37.5mm	< 37.5mm	< 37.5mm	< 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
<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%
<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	+/-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	2.14	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%
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>		
Document Number :	RF-1			Date :	7/12/2023	

Soil Compaction and Density Tests Report - Compaction Control

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		

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				

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				

<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%				

<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 :						

 <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

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>	APPROVED SIGNATORY					
	 Nick Dobson - Signatory					

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		

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		

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		

<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%		

<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%		

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	

<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</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>
	<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>	APPROVED SIGNATORY  Joshua Andres - Signatory					

Soil Compaction and Density Tests Report - Compaction Control

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		

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				

<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%				

<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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	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		
	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		

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

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					

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					

MDR Test Results						
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%

Moisture Test Results :						
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

Density Test Results						
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

<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 :	
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 <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>APPROVED SIGNATORY</p>  <p>Joshua Andres - 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 - 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

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,					
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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					
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					
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					

<i>MDR Test Results</i>						
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%

<i>Moisture Test Results :</i>						
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				
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) :	2.28	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 :	
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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 style="text-align: center;">APPROVED SIGNATORY</p>  <p style="text-align: center;">Joshua Andres - Signatory</p>
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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		

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	

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	

<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%	

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>

Soil Compaction and Density Tests Report - Compaction Control

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		

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	

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					

<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

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						
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						
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>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 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 - 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		

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	Finish Level	Finish Level	Finish Level	Finish Level	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					
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					
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					

<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%					
Wet Density Ratio :	103.5%	103.5%	101.5%	102.0%	102.5%	101.0%

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 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>
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Soil Compaction and Density Tests Report - Compaction Control

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		

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				
Oversize Wet :	12%	12%	18%	11%	16%
Oversize 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 :	
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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 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>
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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		

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					
	Document Number : RF01_HILF	Date : 10/10/2024				

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%

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		

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 :	
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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 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>	

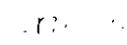
Soil Compaction and Density Tests Report - Compaction Control

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
Upsize Wet :	0%	0%	0%	0%	0%	0%
Upsize 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					
Document Number :	RF01_HILF			Date : 20/12/2024		

Soil Compaction and Density Tests Report - Compaction Control

Client :	Shadforths			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 Base Laboratory Address - 8/36 Blanck Street, Ormeau, 4208, QLD</p>	APPROVED SIGNATORY					
	 Brandon Parrella - Signatory					

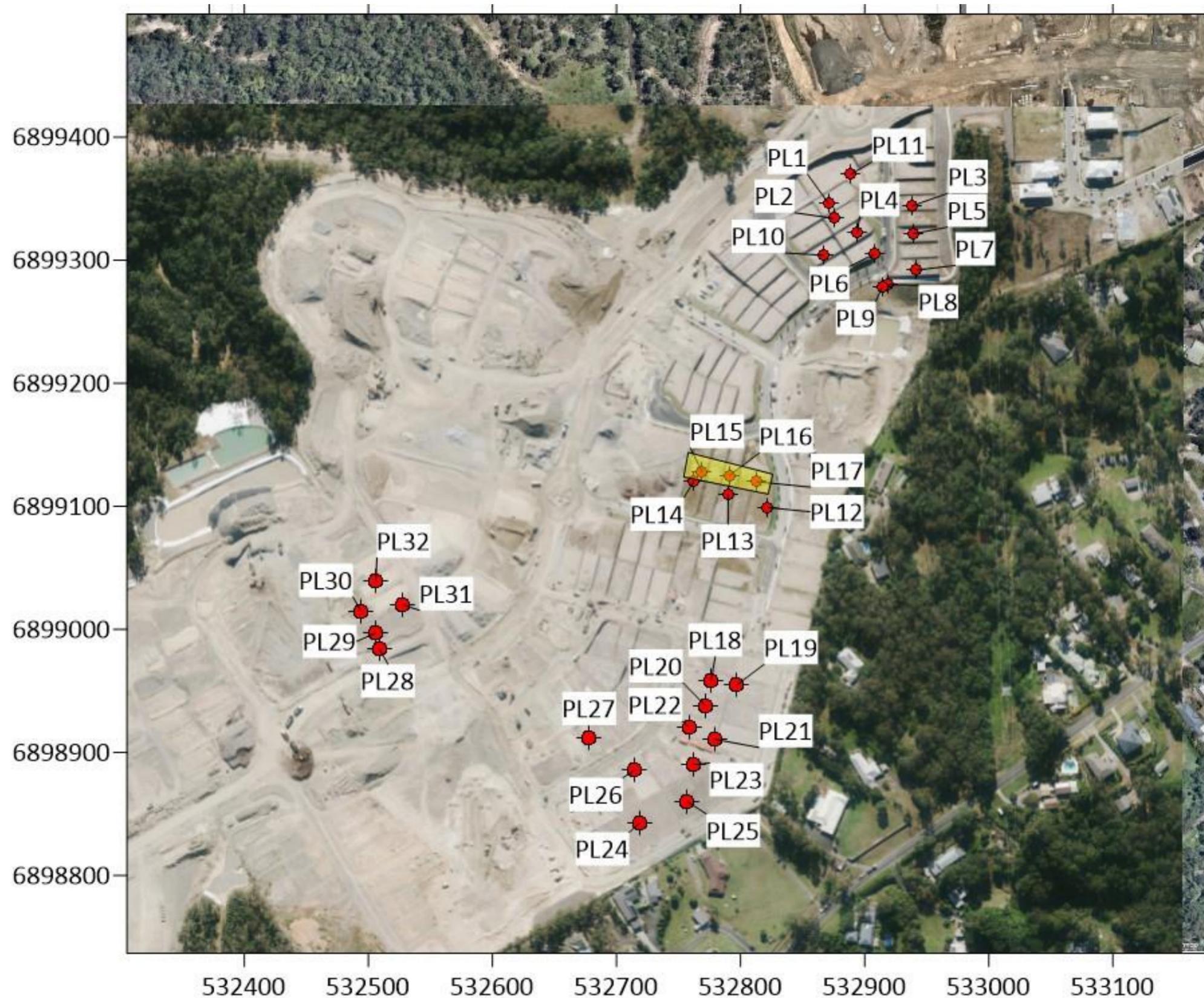
03



Appendix C Plate Load Test Reports



North



Legend:

-  Approximate test location



Client: Shadforth Civil

Site: SkyRidge Estate - Stage 11

Title: Plate Load Location Plan

Date:	Drawn:	Checked:
04/09/25	NA	ND
Project:	Drawing No:	Revision
PTP/12381	3	0

Easting

Plate Load Test Results

Client:	Shadforth Civil	Test No.:	18
Project:	Skyridge	Date Tested:	19 April 2024
Location:	E: 532776 N: 6898959	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	1.56	2.65	4.36	2.86
300	2.32	3.49	5.94	3.92
450	2.95	4.28	6.84	4.69
600	3.78	5.25	7.85	5.63
0	1.65	2.77	4.71	3.04
150	2.66	4.26	6.54	4.49
300	3.15	4.85	7.35	5.12
450	3.48	5.22	7.85	5.52
600	3.93	5.71	8.52	6.05
0	2.02	3.38	5.52	3.64
150	3.01	4.75	7.12	4.96
300	3.45	5.24	7.85	5.51
450	3.8	6.89	8.37	6.35
600	4.15	5.96	8.92	6.34
0	1.86	3.30	5.71	3.62

Plate Load Test Results

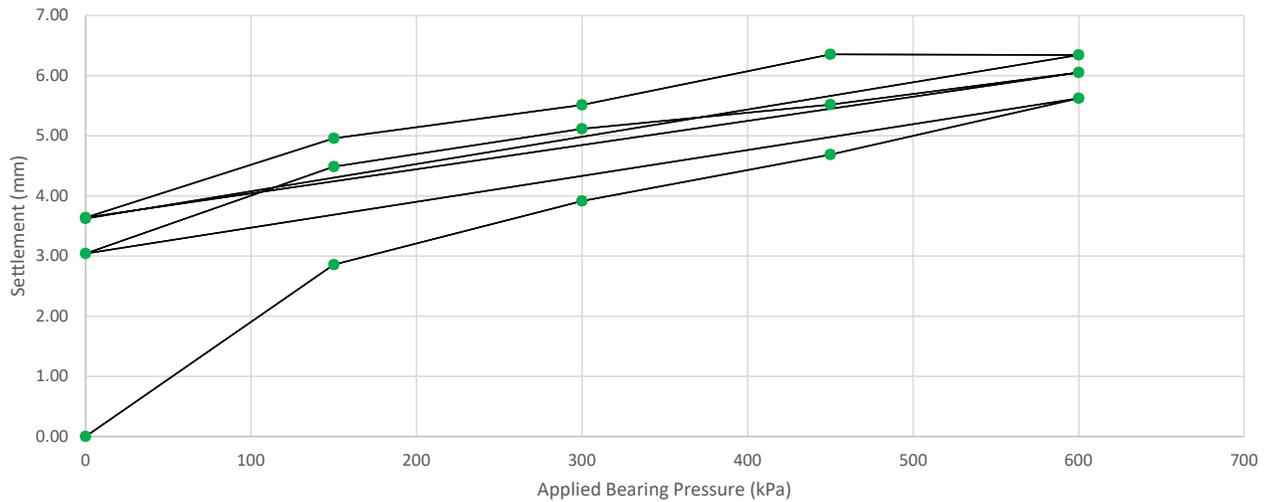


Plate Load Test Results

Client:	Shadforth Civil	Test No.:	19
Project:	Skyridge	Date Tested:	19 April 2024
Location:	E: 532796 N: 6898954	Tested by:	TH

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	5.42	1.52	4.77	3.90
300	6.59	2.94	6.97	5.50
450	8.35	4.24	8.75	7.11
600	10.35	5.73	10.69	8.92
0	7.66	2.92	7.73	6.10
150	8.89	4.21	9.09	7.40
300	9.6	4.90	8.85	7.78
450	10.25	5.53	10.53	8.77
600	11.27	6.42	11.50	9.73
0	8.55	3.64	8.58	6.92
150	9.69	4.73	9.86	8.09
300	10.39	5.44	10.60	8.81
450	10.99	6.04	11.22	9.42
600	11.65	6.64	11.97	10.09
0	8.95	3.97	8.49	7.14

Plate Load Test Results

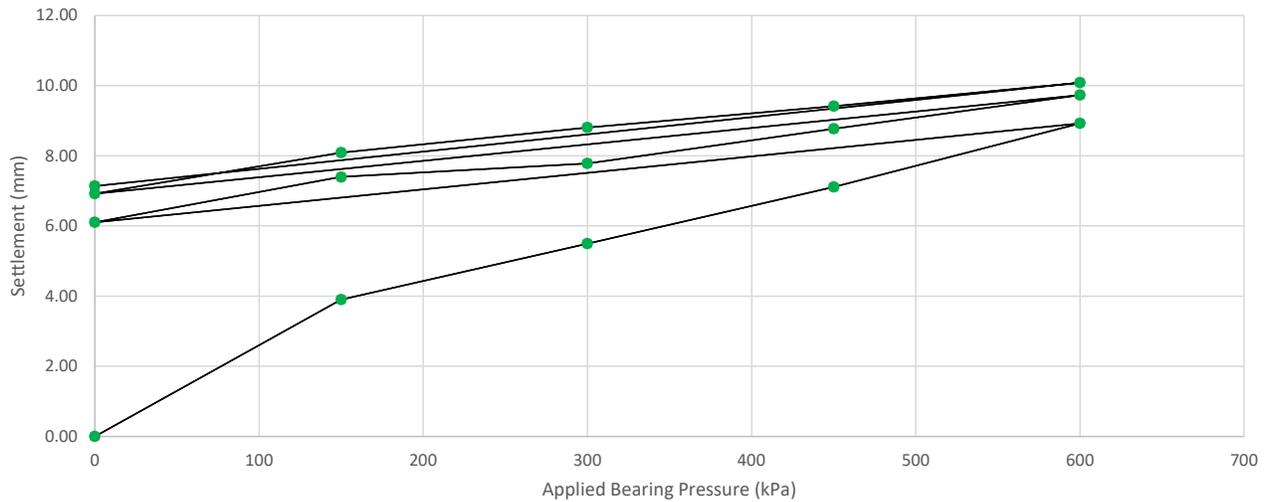


Plate Load Test Results

Client:	Shadforth Civil	Test No.:	20
Project:	Skyridge	Date Tested:	19 April 2024
Location:	E: 532772 N: 6898937	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	5.45	4.21	3.21	4.29
300	8.51	7.53	5.50	7.18
450	11.15	10.59	8.01	9.92
600	13.28	13.40	10.05	12.24
0	9.06	9.51	6.20	8.26
150	11.11	11.43	8.23	10.26
300	12.27	12.52	9.26	11.35
450	13.09	13.29	9.96	12.11
600	13.28	14.39	10.67	12.78
0	9.1	10.59	7.01	8.90
150	10.9	12.27	8.83	10.67
300	12	13.34	9.84	11.73
450	12.72	14.02	10.43	12.39
600	13.45	14.72	10.94	13.04
0	9.5	11.18	7.56	9.41

Plate Load Test Results

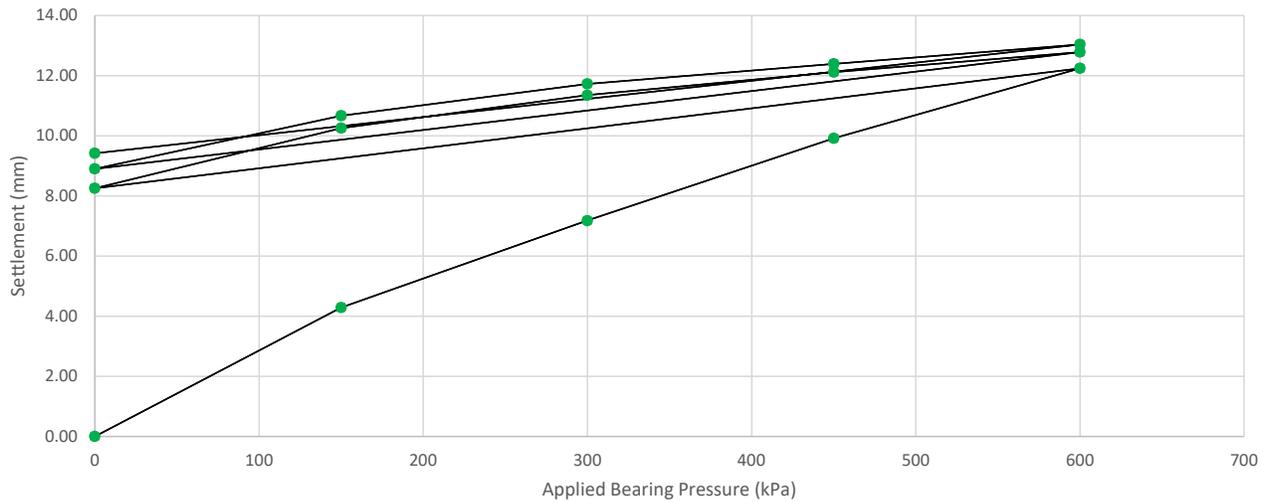


Plate Load Test Results

Client:	Shadforth Civil	Test No.:	21
Project:	Skyridge	Date Tested:	19 April 2024
Location:	E: 532778 N: 6898910	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	2.78	2.44	3.17	2.80
300	4.55	4.13	3.64	4.11
450	5.81	5.45	4.70	5.32
600	6.8	6.56	5.61	6.32
0	3.81	4.52	3.55	3.96
150	5.51	5.41	4.51	5.14
300	6.14	5.95	5.04	5.71
450	6.6	6.39	5.47	6.15
600	7.17	6.97	6.01	6.72
0	4.28	4.99	3.89	4.39
150	5.93	5.91	4.83	5.56
300	6.54	6.43	5.35	6.11
450	7	6.88	5.78	6.55
600	7.41	7.30	6.17	6.96
0	4.54	5.26	4.06	4.62

Plate Load Test Results

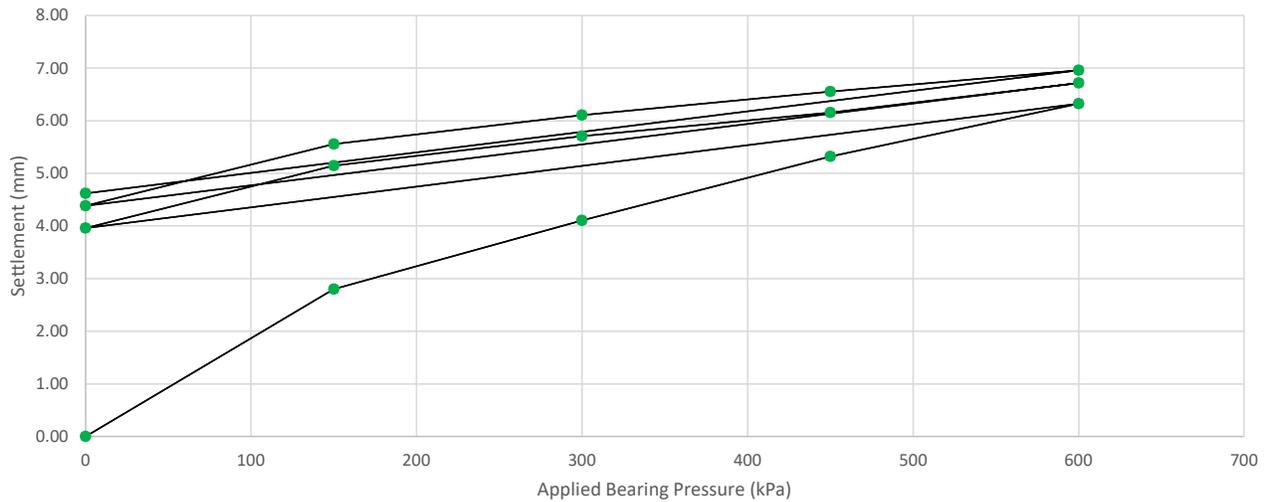


Plate Load Test Results

Client:	Shadforth Civil	Test No.:	22
Project:	Skyridge	Date Tested:	19 April 2024
Location:	E: 532758 N: 6898920	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	4.25	5.92	6.86	5.68	
300	6.2	9.10	10.80	8.70	
450	7.61	11.04	13.25	10.63	
600	8.74	12.44	13.02	11.40	
0	7.52	9.64	12.84	10.00	
150	8.15	11.27	14.16	11.19	
300	8.47	11.90	14.67	11.68	
450	8.81	12.40	15.13	12.11	
600	9.2	12.94	15.80	12.65	
0	8.03	10.29	13.63	10.65	
150	5.59	11.82	14.85	10.75	
300	8.95	12.44	15.34	12.24	
450	9.2	12.84	15.70	12.58	
600	9.44	13.13	16.18	12.92	
0	8.27	10.56	14.02	10.95	

Plate Load Test Results

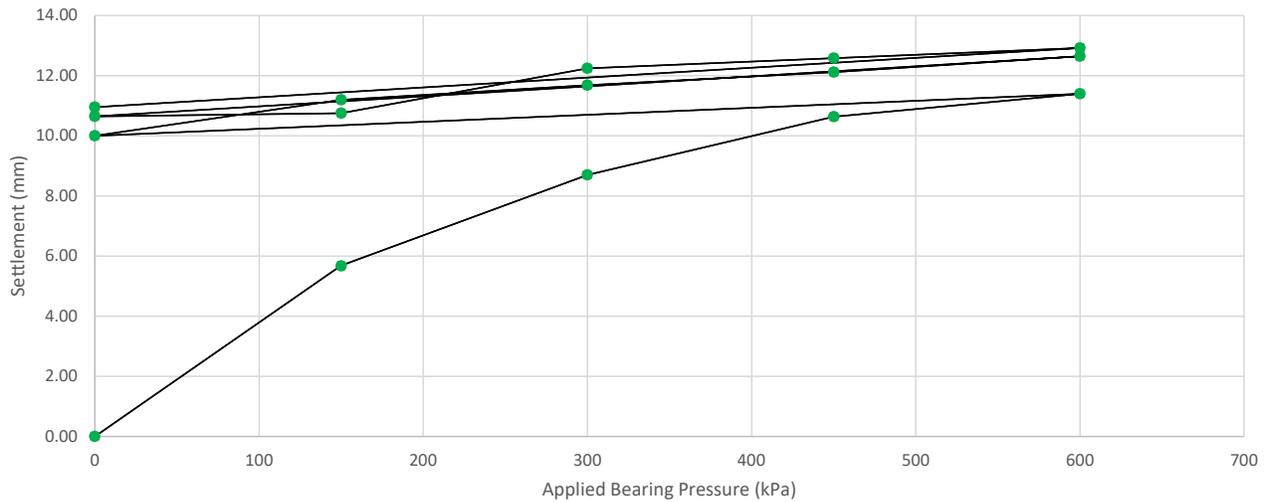


Plate Load Test Results

Client:	Shadforth Civil	Test No.:	23
Project:	Skyridge	Date Tested:	19 April 2024
Location:	E: 532761 N: 6898891	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	4.68	3.78	4.89	4.45
300	6.45	6.84	8.70	7.33
450	7.62	8.11	11.12	8.95
600	8.28	9.62	13.12	10.34
0	6.72	6.86	10.18	7.92
150	7.55	7.90	11.04	8.83
300	8.11	8.77	12.11	9.66
450	8.44	9.33	12.77	10.18
600	8.81	9.97	13.50	10.76
0	7.18	7.33	10.67	8.39
150	8.03	8.47	11.77	9.42
300	8.5	9.19	12.61	10.10
450	8.82	9.72	13.20	10.58
600	9.09	10.28	13.84	11.07
0	7.4	7.62	11.01	8.68

Plate Load Test Results

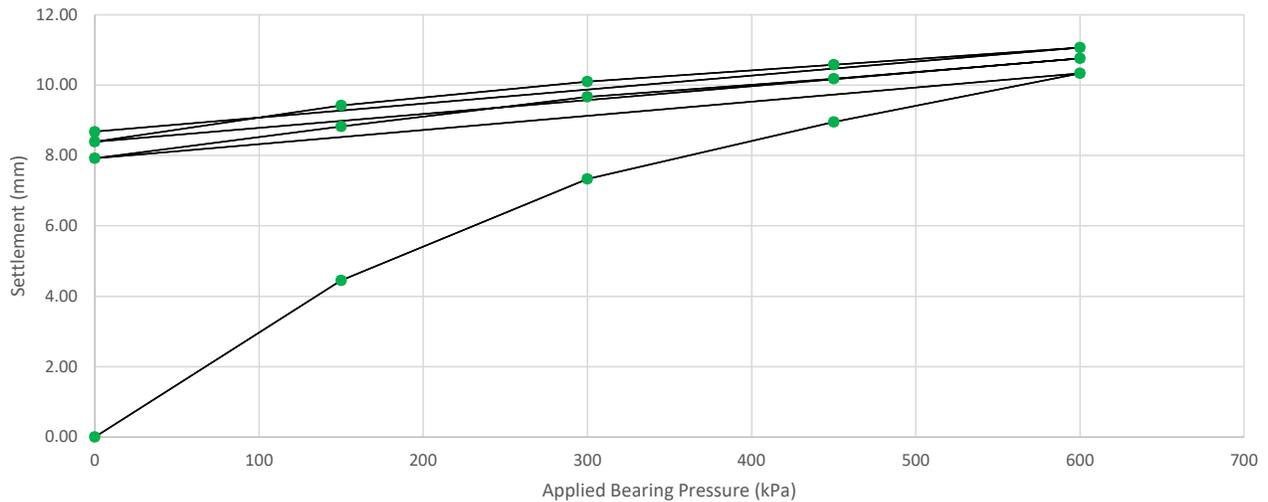


Plate Load Test Results

Client:	Shadforth Civil	Test No.:	24
Project:	Skyridge	Date Tested:	3 May 2024
Location:	E:532719	N:6898843	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	7.5	5.12	6.63	6.42
300	9.44	6.73	8.44	8.20
450	11.43	8.35	10.54	10.11
600	13.32	9.92	12.03	11.76
0	11.79	8.92	9.26	9.99
150	12.88	9.61	11.01	11.17
300	13.14	9.81	11.46	11.47
450	13.49	10.16	11.96	11.87
600	13.83	10.48	12.25	12.19
0	12.13	9.30	9.47	10.30
150	13.26	10.01	11.33	11.53
300	13.56	10.25	11.75	11.85
450	13.85	10.57	12.12	12.18
600	14.1	10.75	12.41	12.42
0	12.42	9.61	9.66	10.56

Plate Load Test Results

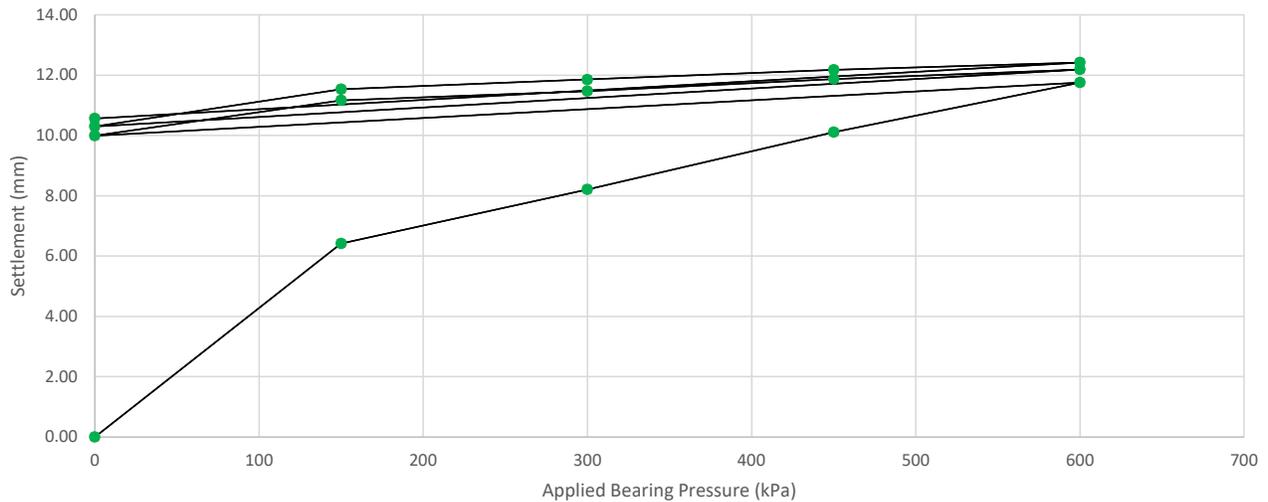


Plate Load Test Results

Client:	Shadforth Civil	Test No.:	25
Project:	Skyridge	Date Tested:	3 May 2024
Location:	E:532757	N:6898860	Tested by: TH

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	5.98	5.90	7.24	6.37
300	8.23	7.78	9.81	8.61
450	10.45	9.59	12.09	10.71
600	12.15	10.94	13.80	12.30
0	8.67	8.59	10.86	9.37
150	10.67	10.13	12.68	11.16
300	11.21	10.53	13.19	11.64
450	11.89	11.05	13.81	12.25
600	12.48	11.53	14.41	12.81
0	9.26	9.21	11.50	9.99
150	11.24	10.72	13.28	11.75
300	11.73	11.06	13.75	12.18
450	12.32	11.49	14.28	12.70
600	12.74	11.79	14.71	13.08
0	9.55	9.53	11.88	10.32

Plate Load Test Results

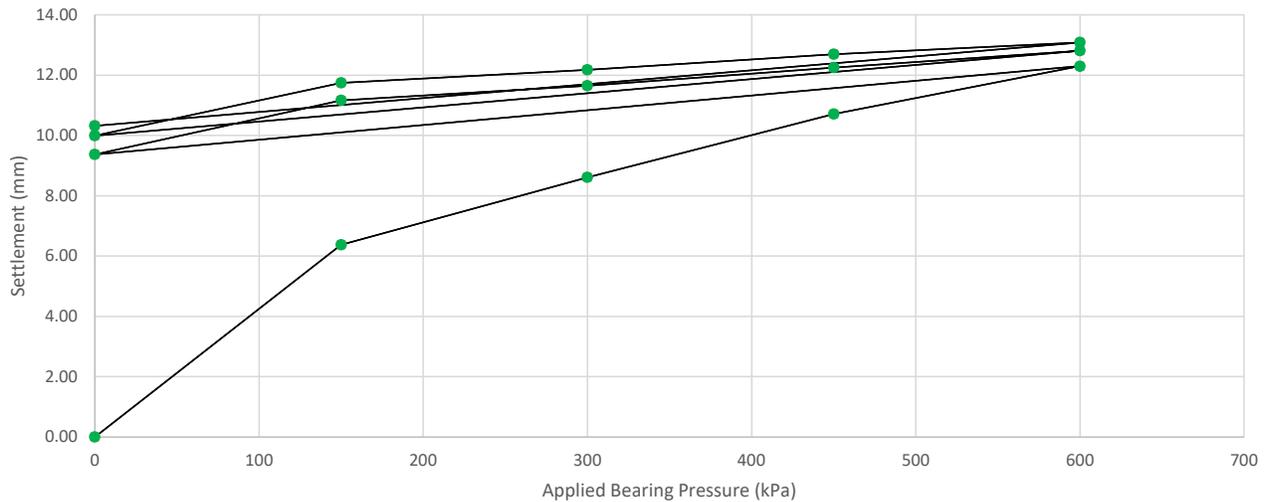


Plate Load Test Results

Client:	Shadforth Civil	Test No.:	26
Project:	Skyridge	Date Tested:	3 May 2024
Location:	E:532715	N:6898886	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	0.01
150	2.66	3.17	0.00	1.94
300	5.3	6.10	1.81	4.40
450	7.45	8.41	4.20	6.69
600	9.19	9.83	6.01	8.34
0	6.75	6.65	2.64	5.35
150	7.49	7.80	4.23	6.51
300	8.34	8.78	5.34	7.49
450	8.9	9.40	6.07	8.12
600	9.55	10.05	6.98	8.86
0	7.37	7.26	3.69	6.11
150	8.17	8.48	5.13	7.26
300	8.89	9.30	6.06	8.08
450	9.36	9.85	6.72	8.64
600	9.86	10.33	7.45	9.21
0	7.66	7.53	4.13	6.44

Plate Load Test Results

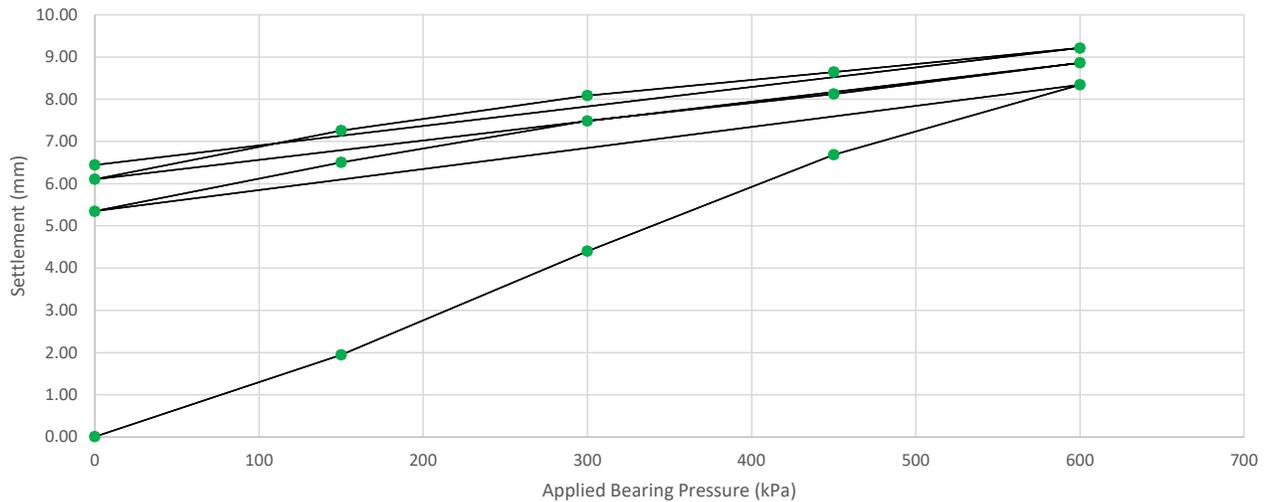
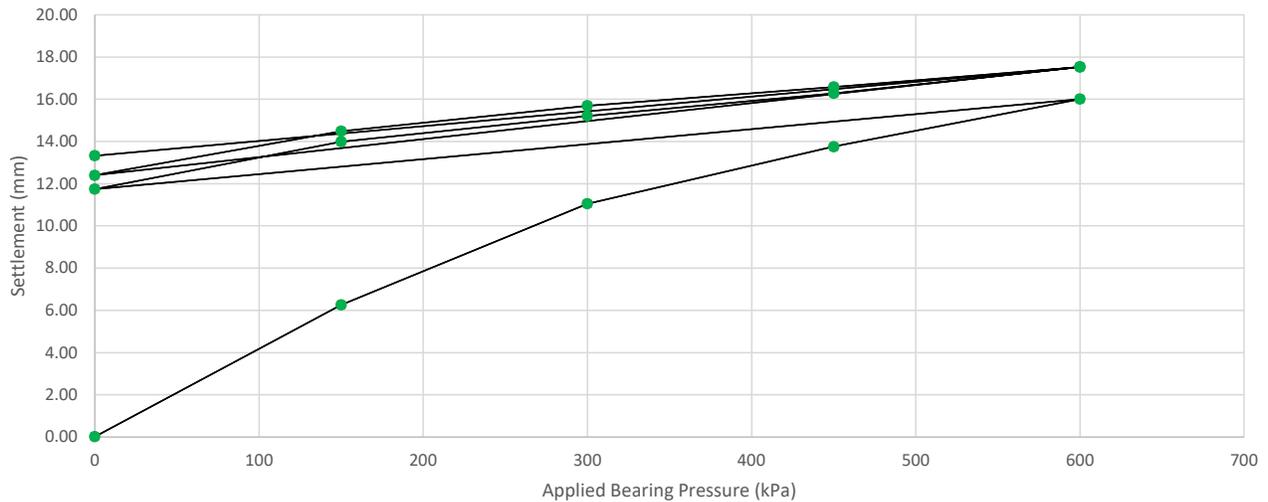


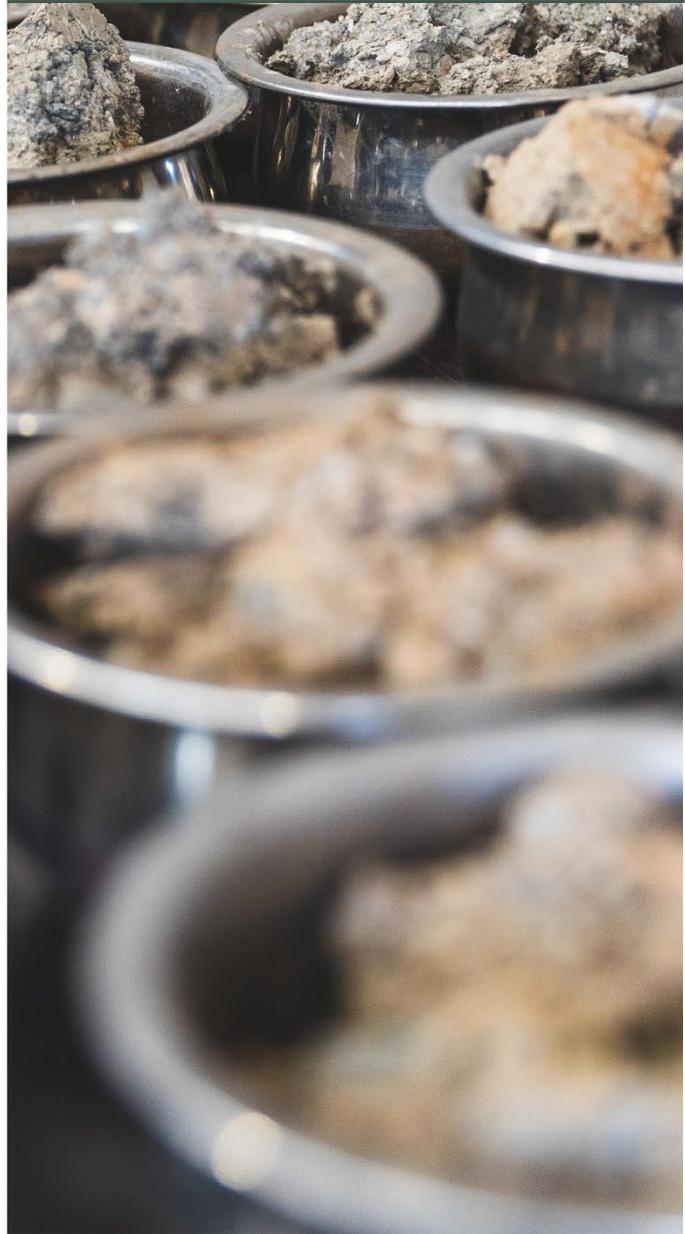
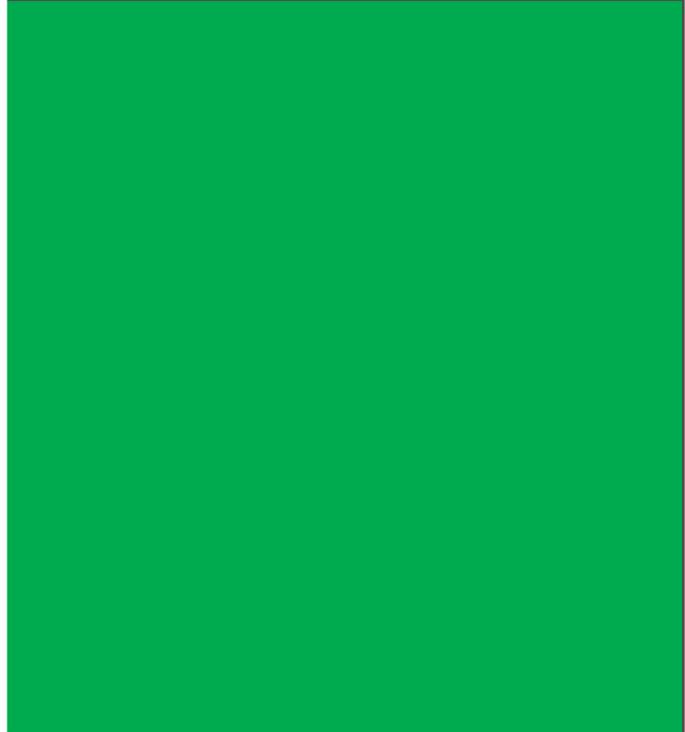
Plate Load Test Results

Client:	Shadforth Civil	Test No.:	27
Project:	Skyridge	Date Tested:	3 May 2024
Location:	E:532678	N:6898912	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	0.01
150	5.28	5.89	7.59	6.25
300	9.27	10.89	13.00	11.05
450	11.61	13.72	15.93	13.75
600	13.63	16.13	18.27	16.01
0	9.53	11.73	13.98	11.75
150	11.63	14.07	16.25	13.98
300	12.83	15.31	17.50	15.21
450	13.76	16.48	18.60	16.28
600	15.02	17.74	19.81	17.52
0	9.99	12.45	14.75	12.40
150	11.99	14.63	16.83	14.48
300	13.16	15.84	18.08	15.69
450	13.97	16.74	19.02	16.58
600	14.77	17.79	20.02	17.53
0	10.67	13.47	15.84	13.33

Plate Load Test Results





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