

# GLADSTONE TESTING

## SOILS and CONCRETE MATERIALS TESTING

N.A.T.A. Accredited Laboratory No.1620

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Laboratory Address:Shop 1, 16 Drewe Street, Gladstone, 4680

Phone 0749721455;FAX 0749727939

Enquiries to:Noel Harvey.

CLIENT:Shadforth Civil Engineering

PROJECT: Vantage Estate stage 3;4&5

LOCATION:Allotment fill - Lots as per shown summary

Level 1 Inspection & Supervision as per Test frequency, Table 8.1/Type 2

and designated as " Controlled fill", as defined by AS2870-1996

Persons on site:Ian Weisse;Michael Wogandt & Lee Ward of Gladstone Testing.

Laboratory Reference:S1/3963

### General Comments:

Vantage 3;4&5 fill started first week of January,2011

Site was inspected and found to be cleared properly & free of tree roots & other organic& grass matter.

### Equipment:

Equipment used over that period included scrapers; excavators; backhoes;graders;water trucks;sheepsfoot rollers; tip trucks etc.

### Fill Areas:

The fill was in 3 large areas-along the road 16 area[section parallel to Kirkwood Rd]; around road 2 and around road 15.

### Lot Fill :

Vantage 3;4&5 fill areas were not confined to single lots & a "fill area" maybe could cover 4 or 5 lots & the tests were randomly selected. Lots with significant fill are reported individually

Lots with little or no fill were lots 244 to 247;329 to 333;336;354;363;368;374&375

### Fill History:

The bulk of the lot fill was done in the first 6 months for Vantage stage 3;4&5.

### Compaction Quality:

The % compaction for the lot fill was adequate & the moisture control was good.

Fill was clean of foreign matter & sticks, wood etc.

I am more than happy to verify the quality of fill on Vantage stage 3;4&5 allotment fill.

Replacement Report for S 0257-1

Report No:S 0257-1A

Dated :10th October,2011



Noel A.Harvey

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Laboratory Address:Shop 1, 16 Drewe Street, Gladstone, 4680

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Enquiries to:Noel Harvey.

CLIENT:Shadforth Civil Engineering

PROJECT: Lot 372, Vantage Estate stage 3;4&5

LOCATION:Allotment fill - Lot as per shown summary

Level 1 Inspection & Supervision as per Test frequency, Table 8.1/Type 2

and designated as " Controlled fill", as defined by AS2870-1996

Persons on site:Ian Weisse;Michael Wogandt & Lee Ward of Gladstone Testing.

Laboratory Reference:S1/3996

### General Comments:

Vantage 3;4&5 fill started first week of January,2011

Site was inspected and found to be cleared properly & free of tree roots & other organic & grass matter.

### Equipment:

Equipment used over that period included scrapers; excavators; backhoes; graders; water trucks; sheepsfoot rollers; tip trucks etc.

### Fill Areas:

The fill was in 3 large areas-along the road 16 area[section parallel to Kirkwood Rd]; around road 2 and around road 15.

### Lot 372 Fill :

Vantage 3;4&5 fill areas were not confined to single lots & a "fill area" maybe could cover 4 or 5 lots & the tests were randomly selected. Lot 372 had a gully running from centre back to front left-it was a corner lot and sloped from rear to front.

Fill was over all of the lot and was about 2.5 metres deep at the deepest.

DATE	CLIENT NO.	LAB. NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
12-Feb-2011	132	S1/0680	Lot 372/rd bdry	E 319657.824, N 7357309.934	RL 25.318	97.0	0.0
25-Feb-2011	195	S1/0947	Lot 372	E 319668.578, N 7357303.814	RL 27.495	102.5	0.5
3-Mar-2011	208	S1/1073	Lot 372	E 319661.541, N 7357307.793	RL 27.650	101.5	-3.5

### Fill History:

The bulk of the lot fill was done in the first 6 months for Vantage stage 3;4&5.

### Compaction Quality:

The % compaction for the lot fill was adequate & the moisture control was good.

Fill was clean of foreign matter & sticks, wood etc.

I am more than happy to verify the quality of fill on lot 372, Vantage stage 3;4&5 allotment fill.

Report No:S 0258-14  
Dated :6th October,2011



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Phone 0749721455;FAX 0749727939  
Enquiries to:Noel Harvey.

**CLIENT:Shadforth Civil Engineering**  
**PROJECT: Lot 373, Vantage Estate stage 3;4&5**  
**LOCATION:Allotment fill - Lot as per shown summary**  
**Level 1 Inspection & Supervision as per Test frequency, Table 8.1/Type 2**  
**and designated as " Controlled fill", as defined by AS2870-1996**

**Persons on site:Ian Weisse;Michael Wogandt & Lee Ward of Gladstone Testing.**

Laboratory Reference:S1/3997

### General Comments:

Vantage 3;4&5 fill started first week of January,2011  
Site was inspected and found to be cleared properly & free of tree roots & other organic& grass matter.

### Equipment:

Equipment used over that period included scrapers; excavators; backhoes;graders;water trucks;sheepsfoot rollers; tip trucks etc.

### Fill Areas:

The fill was in 3 large areas-along the road 16 area[section parallel to Kirkwood Rd]; around road 2 and around road 15.

### Lot 373 Fill :

Vantage 3;4&5 fill areas were not confined to single lots & a "fill area" maybe could cover 4 or 5 lots & the tests were randomly selected. Lot 373 sloped from right to left.

Fill was over most of the lot and was about 1 metre deep at the deepest.

Lot 372 history is shown also as it is relevant to lot 373 also.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
12-Feb-2011	132	S1/0680	Lot372/rd bdry	E 319657.824, N 7357309.934	RL 25.318	97.0	0.0
25-Feb-2011	195	S1/0947	Lot 372	E 319668.578, N 7357303.814	RL 27.495	102.5	0.5
3-Mar-2011	209	S1/1074	Lot 373	E 319671.586, N 7357290.719	RL 27.971	103.5	-1.0

### Fill History:

The bulk of the lot fill was done in the first 6 months for Vantage stage 3;4&5.

### Compaction Quality:

The % compaction for the lot fill was adequate & the moisture control was good.  
Fill was clean of foreign matter & sticks, wood etc.

I am more than happy to verify the quality of fill on lot 373, Vantage stage 3;4&5 allotment fill.

Report No:S 0258-15  
Dated :6th October,2011



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Enquiries to:Noel Harvey.

**CLIENT:Shadforth Civil Engineering**  
**PROJECT: Lot 376, Vantage Estate stage 3;4&5**  
**LOCATION:Allotment fill - Lot as per shown summary**  
**Level 1 Inspection & Supervision as per Test frequency, Table 8.1/Type 2**  
**and designated as " Controlled fill", as defined by AS2870-1996**

**Persons on site:Ian Weisse;Michael Wogandt & Lee Ward of Gladstone Testing.**

Laboratory Reference:S1/3998

### General Comments:

Vantage 3;4&5 fill started first week of January,2011  
Site was inspected and found to be cleared properly & free of tree roots & other organic& grass matter.

### Equipment:

Equipment used over that period included scrapers; excavators; backhoes;graders;water trucks;sheepsfoot rollers; tip trucks etc.

### Fill Areas:

The fill was in 3 large areas-along the road 16 area[section parallel to Kirkwood Rd]; around road 2 and around road 15.

### Lot 376 Fill :

Vantage 3;4&5 fill areas were not confined to single lots & a "fill area" maybe could cover 4 or 5 lots & the tests were randomly selected. Lot 376 sloped from rear to front.

Fill was over the front two thirds of the lot and was about 2 metre deep at the deepest.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
12-Feb-2011	133	S1/0681	Lot 376	E 319709.121, N 7357233.163	RL 26.415	95.5	-1.0
14-Feb-2011	140	S1/0720	Lot 376	E 319714.088, N 7357232.969	RL 27.027	98.0	0.0
11-May-2011	263	S1/1938	Lot 376	E 319697.190; N 7357242.448	RL 27.625	102.0	-1.0

### Fill History:

The bulk of the lot fill was done in the first 6 months for Vantage stage 3;4&5.

### Compaction Quality:

The % compaction for the lot fill was adequate & the moisture control was good.  
Fill was clean of foreign matter & sticks, wood etc.

I am more than happy to verify the quality of fill on lot 376, Vantage stage 3;4&5 allotment fill.

Report No:S 0258-16  
Dated :6th October,2011



Noel A.Harvey

Gladstone Testing