

GLADSTONE TESTING

SOILS and CONCRETE MATERIALS TESTING

N.A.T.A. Accredited Laboratory No.1620
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Phone 0749721455;FAX 0749727939
Enquiries to:Noel Harvey.

CLIENT:Shadforth Civil Engineering
PROJECT: Lot 9, Vantage Estate stage 2
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: Noel Harvey;Mark Dobson;Brayd Johns;Michael Wogandt;James Roberts;Chris Oliver & Lee Ward of Gladstone Testing.

Laboratory Reference:S1/0125

General Comments:

Vantage 1 and 2 fill started 1st September,2009

Site was inspected . The last few piles of rubbish were being carted away at the inspection.

Equipment:

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

Fill Areas:

The main fill areas of Vantage 2 was from lots 9 to 13 and lots 78&79

The remaining lots had little or no significant fill.

Lot 9 Fill :

Vantage 2 fill areas were not confined to single lots & a "fill area" maybe could cover several lots & the tests were randomly selected. Lot 9 sloped from the lot left to the lot right & also towards the front. There were no tests on lot 9, but one lot 10 as shown. Fill was over the front right hand corner mainly with some fill along right boundary towards rear also. Most of the depth was on the front right corner & the depth in the house footing area would probably be only 0.5m or less.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
11-Sep-2009	50	S9/2613	Lot 10	E 319530.506, N 7357013.602	RL 40.1	102.0	-2.0

Fill History:

The bulk of the lot fill was done in the first 2 months for Vantage stage 1 & 2.

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 9, Vantage stage 2 allotment fill.

Report No:S 0050-7
Dated :28thJanuary,2011



Noel A. Harvey

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Enquiries to:Noel Harvey.

CLIENT:Shadforth Civil Engineering
PROJECT: Lot 10, Vantage Estate stage 2
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: Noel Harvey;Mark Dobson;Brayd Johns;Michael Wogandt;James Roberts;Chris Oliver & Lee Ward of Gladstone Testing.

Laboratory Reference:S1/0126

General Comments:

Vantage 1 and 2 fill started 1st September,2009

Site was inspected . The last few piles of rubbish were being carted away at the inspection.

Equipment:

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

Fill Areas:

The main fill areas of Vantage 2 was from lots 9 to 13 and lots 78&79

The remaining lots had little or no significant fill.

Lot 10 Fill :

Vantage 2 fill areas were not confined to single lots & a "fill area" maybe could cover several lots & the tests were randomly selected. Lot 10 sloped from the lot left to the lot right . There was 1 test on lot 10 as shown, and lot 11 had 3 tests. There was no fill on the back left corner of lot, with the fill line being from back RH corner to slightly forward of left boundary centre. The deepest fill would be the front right corner of lot.

The house footing probable area would have possibly around a metre of fill at the front right & no fill at the back left.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
11-Sep-2009	50	S9/2613	Lot 10	E 319530.506, N 7357013.602	RL 40.1	102.0	-2.0

Fill History:

The bulk of the lot fill was done in the first 2 months for Vantage stage 1 & 2.

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 10, Vantage stage 2 allotment fill.

Report No:S 0050-8
Dated :28thJanuary,2011



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Enquiries to:Noel Harvey.

CLIENT:Shadforth Civil Engineering

PROJECT: Lot 11, Vantage Estate stage 2

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: Noel Harvey;Mark Dobson;Brayd Johns;Michael Wogandt;James Roberts;Chris Oliver & Lee Ward of Gladstone Testing.

Laboratory Reference:S1/0127

General Comments:

Vantage 1 and 2 fill started 1st September,2009

Site was inspected . The last few piles of rubbish were being carted away at the inspection.

Equipment:

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

Fill Areas:

The main fill areas of Vantage 2 was from lots 9 to 13 and lots 78&79

The remaining lots had little or no significant fill.

Lot 11 Fill :

Vantage 2 fill areas were not confined to single lots & a "fill area" maybe could cover several lots & the tests were randomly selected. Lot 11 sloped from the lot left to the lot right and towards rear. There were 3 tests on lot 11 as shown, and lot 12 had 2 tests.

The deepest fill would be the back right corner of lot.

Depth of fill would be up to 1.5 metres in parts.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
7-Sep-2009	14	S9/2301	Lot 11 front	E 319550.069, N 7351009.589	RL 37.0	97.5	-2.5
8-Sep-2009	17	S9/2324	Lot 11	bdry rd 7, E 319541.773, N 7357001.589	RL 37.50	95.5	-2.0
11-Sep-2009	51	S9/2614	Lot 11	E 319549.869, N 7357024.011	RL 38.0	100.5	-3.0

Fill History:

The bulk of the lot fill was done in the first 2 months for Vantage stage 1 & 2.

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 11, Vantage stage 2 allotment fill.

Report No:S 0050-9
Dated :28thJanuary,2011



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Enquiries to:Noel Harvey.

CLIENT:Shadforth Civil Engineering
PROJECT: Lot 12, Vantage Estate stage 2
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: Noel Harvey;Mark Dobson;Brayd Johns;Michael Wogandt;James Roberts;Chris Oliver & Lee Ward of Gladstone Testing.

Laboratory Reference:S1/0128

General Comments:

Vantage 1 and 2 fill started 1st September,2009
Site was inspected . The last few piles of rubbish were being carted away at the inspection.

Equipment:

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

Fill Areas:

The main fill areas of Vantage 2 was from lots 9 to 13 and lots 78&79
The remaining lots had little or no significant fill.

Lot 12 Fill :

Vantage 2 fill areas were not confined to single lots & a "fill area" maybe could cover several lots & the tests were randomly selected. Lot 12 sloped from the lot front to towards rear. There were 2 tests on lot 12 as shown, and lot 11 had 3 tests.

The deepest fill would be the back right corner of lot.
Depth of fill would be up to 1.5 metres in parts.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
8-Sep-2009	16	S9/2323	Lot 12	E 319564.990, N 7357012.217	RL 36.09	95.0	0.0
9-Sep-2009	18	S9/2328	Lot 12	Centre, E 319567.275, N 7357016.184	RL 36.5	97.0	-1.0

Fill History:

The bulk of the lot fill was done in the first 2 months for Vantage stage 1 & 2.

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 12, Vantage stage 2 allotment fill.

Report No:S 0050-10
Dated :28thJanuary,2011



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Enquiries to:Noel Harvey.

CLIENT:Shadforth Civil Engineering

PROJECT: Lot 13, Vantage Estate stage 2

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: Noel Harvey;Mark Dobson;Brayd Johns;Michael Wogandt;James Roberts;Chris Oliver & Lee Ward of Gladstone Testing.

Laboratory Reference:S1/0129

General Comments:

Vantage 1 and 2 fill started 1st September,2009

Site was inspected . The last few piles of rubbish were being carted away at the inspection.

Equipment:

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

Fill Areas:

The main fill areas of Vantage 2 was from lots 9 to 13 and lots 78&79

The remaining lots had little or no significant fill.

Lot 13 Fill :

Vantage 2 fill areas were not confined to single lots & a "fill area" maybe could cover several lots & the tests were randomly selected. Lot 13 sloped from the lot front to towards rear. There were no tests on lot 13, but lot 12 had 2 tests.

The front left of lot had the most fill.

The probable area for house footings would have no fill on the back right of house & perhaps 0.5m fill on the front left of house.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
8-Sep-2009	16	S9/2323	Lot 12	E 319564.990, N 7357012.217	RL 36.09	95.0	0.0
9-Sep-2009	18	S9/2328	Lot 12	Centre, E 319567.275, N 7357016.184	RL 36.5	97.0	-1.0

Fill History:

The bulk of the lot fill was done in the first 2 months for Vantage stage 1 & 2.

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 13, Vantage stage 2 allotment fill.

Report No:S 0050-11
Dated :28thJanuary,2011

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Enquiries to:Noel Harvey.

CLIENT:Shadforth Civil Engineering

PROJECT: Lot 15, Vantage Estate stage 2

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: Noel Harvey;Mark Dobson;Brayd Johns;Michael Wogandt;James Roberts;Chris Oliver & Lee Ward of Gladstone Testing.

Laboratory Reference:S1/0130

General Comments:

Vantage 1 and 2 fill started 1st September,2009

Site was inspected . The last few piles of rubbish were being carted away at the inspection.

Equipment:

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

Fill Areas:

The main fill areas of Vantage 2 was from lots 9 to 13 and lots 78&79

The remaining lots had little or no significant fill.

Lot 15 Fill :

Vantage 2 fill areas were not confined to single lots & a "fill area" maybe could cover several lots & the tests were randomly selected. Lot 15 sloped from the lot front to towards rear. There were no tests on lot 15.

The fill area was a small area to the front right of lot.

The probable area for house footings would have no fill for most of the footings & some fill for front right corner [2 to 3 metres from corner only], and of minimal fill depth.

Fill History:

The bulk of the lot fill was done in the first 2 months for Vantage stage 1 & 2.

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 15, Vantage stage 2 allotment fill.

**Report No:S 0050-12
Dated :28thJanuary,2011**



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Enquiries to:Noel Harvey.

CLIENT:Shadforth Civil Engineering

PROJECT: Lot 16, Vantage Estate stage 2

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: Noel Harvey;Mark Dobson;Brayd Johns;Michael Wogandt;James Roberts;Chris Oliver & Lee Ward of Gladstone Testing.

Laboratory Reference:S1/0131

General Comments:

Vantage 1 and 2 fill started 1st September,2009

Site was inspected . The last few piles of rubbish were being carted away at the inspection.

Equipment:

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

Fill Areas:

The main fill areas of Vantage 2 was from lots 9 to 13 and lots 78&79

The remaining lots had little or no significant fill.

Lot 16 Fill :

Vantage 2 fill areas were not confined to single lots & a "fill area" maybe could cover several lots & the tests were randomly selected. Lot 16 sloped from the lot front to towards rear. There were no tests on lot 16.

The fill area was a small area to the front left of lot.

The probable area for house footings would have no fill for most of the footings & maybe some fill for front left- a few metres long,minimal depth & may not be in building area.

Fill History:

The bulk of the lot fill was done in the first 2 months for Vantage stage 1 & 2.

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 16, Vantage stage 2 allotment fill.

**Report No:S 0050-13
Dated :28thJanuary,2011**



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Enquiries to:Noel Harvey.

CLIENT:Shadforth Civil Engineering

PROJECT: Lot 17, Vantage Estate stage 2

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: Noel Harvey;Mark Dobson;Brayd Johns;Michael Wogandt;James Roberts;Chris Oliver & Lee Ward of Gladstone Testing.

Laboratory Reference:S1/0132

General Comments:

Vantage 1 and 2 fill started 1st September,2009

Site was inspected . The last few piles of rubbish were being carted away at the inspection.

Equipment:

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

Fill Areas:

The main fill areas of Vantage 2 was from lots 9 to 13 and lots 78&79

The remaining lots had little or no significant fill.

Lot 17 Fill :

Vantage 2 fill areas were not confined to single lots & a "fill area" maybe could cover several lots & the tests were randomly selected. Lot 17 sloped from the lot front right to the lot back left . There were no tests on lot 17, but one on lot 18 as shown. Fill was over the back left corner mainly with some fill along rear boundary also.

Most of the depth was on the back left corner & the depth in the house footing area would probably be only 0.5m or less, mainly in that corner.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
21-Jun-2010	264	S0/1972	Lot 18	4m from east bdry, 20m from lot peg w	RL 43.7	103.0	-0.5

Fill History:

The bulk of the lot fill was done in the first 2 months for Vantage stage 1 & 2.

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 17, Vantage stage 2 allotment fill.

Report No:S 0050-14
Dated :28thJanuary,2011



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CLIENT:Shadforth Civil Engineering
PROJECT: Lot 18, Vantage Estate stage 2
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: Noel Harvey;Mark Dobson;Brayd Johns;Michael Wogandt;James Roberts;Chris Oliver & Lee Ward of Gladstone Testing.

Laboratory Reference:S1/0133

General Comments:

Vantage 1 and 2 fill started 1st September,2009

Site was inspected . The last few piles of rubbish were being carted away at the inspection.

Equipment:

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

Fill Areas:

The main fill areas of Vantage 2 was from lots 9 to 13 and lots 78&79

The remaining lots had little or no significant fill.

Lot 18 Fill :

Vantage 2 fill areas were not confined to single lots & a "fill area" maybe could cover several lots & the tests were randomly selected. Lot 18 sloped from the lot front right to the lot back left . There was 1 test on lot 18 as shown.

Fill was over the back area mainly.

The probable house footing area would basically only have fill at rear footings and perhaps 0.5m fill only. mainly in that corner.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
21-Jun-2010	264	S0/1972	Lot 18	4m from east bdry, 20m from lot peg w	RL 43.7	103.0	-0.5

Fill History:

The bulk of the lot fill was done in the first 2 months for Vantage stage 1 & 2.

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 18, Vantage stage 2 allotment fill.

Report No:S 0050-15
Dated :28thJanuary,2011



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Enquiries to:Noel Harvey.

CLIENT:Shadforth Civil Engineering

PROJECT: Lot 29, Vantage Estate stage 2

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: Noel Harvey;Mark Dobson;Brayd Johns;Michael Wogandt;James Roberts;Chris Oliver & Lee Ward of Gladstone Testing.

Laboratory Reference:S1/0134

General Comments:

Vantage 1 and 2 fill started 1st September,2009

Site was inspected . The last few piles of rubbish were being carted away at the inspection.

Equipment:

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

Fill Areas:

The main fill areas of Vantage 2 was from lots 9 to 13 and lots 78&79

The remaining lots had little or no significant fill.

Lot 29 Fill :

Vantage 2 fill areas were not confined to single lots & a "fill area" maybe could cover several lots & the tests were randomly selected. Lot 29 sloped from the lot front left to the lot back right . There were no tests on lot 29.

Fill was a small bit a the lot front and of very little depth.

The probable house footing area would not be on fill.

Fill History:

The bulk of the lot fill was done in the first 2 months for Vantage stage 1 & 2.

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 29, Vantage stage 2 allotment fill.

**Report No:S 0050-16
Dated :28thJanuary,2011**



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