

GLADSTONE TESTING

SOILS and CONCRETE MATERIALS TESTING

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: Lot 57, Vantage Estate stage 1

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 & Lee Ward of Gladstone Testing.

Laboratory Reference: S0/2928

General Comments:

Vantage 1 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; sheepfoot rollers; tip trucks etc.

Fill Areas:

The two main fill areas of Vantage 1 were along the west of road 5 [between road 2 and road 5 cul de sac] and north of road 2. This included lots 43 to 48; the parkland & future lots.

Lot 57 Fill:

Vantage 1 fill areas were not confined to single lots & a "fill area" maybe could cover 4 or 5 lots & the tests were randomly selected. Lot 57 sloped from the lot back to lot front.

Fill was basically over the entire lot, but depth was minimal [a metre or so]

There were several fill tests done nearby in road 5 cul de sac & lot 71

DATE	CLIENT NO.	LAB. NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
16-Sep-2009	28	S9/2480	Lot 57	E 319478.471, N 7357137.487	RL 32.5	100.5	-2.0
17-Sep-2009	31	S9/2522	Lot 57	E 319495.851, N 7357140.315	RL 32.9	103.0	-1.5
21-Sep-2009	39	S9/2567	Lot 71/67	Bdry, E 319475.502, N 7357111.447	RL 36.12	104.5	-1.0

Fill History:

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

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 57, Vantage stage 1 allotment fill.

Report No: S 51745-5
Dated : 30th September, 2010



Noel A. Harvey

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Enquiries to:Noel Harvey.

CLIENT:Shadforth Civil Engineering

PROJECT: Lot 58, Vantage Estate stage 1

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 & Lee Ward of Gladstone Testing.

Laboratory Reference:S0/2929

General Comments:

Vantage 1 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 two main fill areas of Vantage 1 were along the west of road 5 [between road 2 and road 5 cul de sac] and north of road 2. This included lots 43 to 48; the parkland & future lots.

Lot 58 Fill :

Vantage 1 fill areas were not confined to single lots & a "fill area" maybe could cover 4 or 5 lots & the tests were randomly selected. Lot 58 sloped from the lot back to lot front..

Fill was only over the RH front of lot and the fill in the area of house site, almost of no consequence.

There were several fill tests done nearby in road 5 cul de sac ; lot 71 & lot 57

Fill History:

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

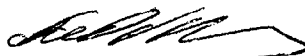
Compaction Quality:

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 58, Vantage stage 1 allotment fill.

Report No:S 51745-6
Dated :30thSeptember,2010



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Enquiries to:Noel Harvey.

CLIENT:Shadforth Civil Engineering

PROJECT: Lot 59, Vantage Estate stage 1

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 & Lee Ward of Gladstone Testing.

Laboratory Reference:S0/2930

General Comments:

Vantage 1 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 two main fill areas of Vantage 1 were along the west of road 5 [between road 2 and road 5 cul de sac] and north of road 2. This included lots 43 to 48; the parkland & future lots.

Lot 59 Fill :

Vantage 1 fill areas were not confined to single lots & a "fill area" maybe could cover 4 or 5 lots & the tests were randomly selected. Lot 59 sloped from the lot back to lot front..

Fill was only over the front 3 or 4 metres of the lot. The amount of fill in the house building area would be minimal.

There were several fill tests done nearby in road 5 .

Fill History:

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

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 59, Vantage stage 1 allotment fill.

**Report No:S 51745-7
Dated :30thSeptember,2010**



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Enquiries to:Noel Harvey.

CLIENT:Shadforth Civil Engineering

PROJECT: Lot 60, Vantage Estate stage 1

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 & Lee Ward of Gladstone Testing.

Laboratory Reference:S0/2931

General Comments:

Vantage 1 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 two main fill areas of Vantage 1 were along the west of road 5 [between road 2 and road 5 cul de sac] and north of road 2. This included lots 43 to 48; the parkland & future lots.

Lot 60 Fill :

Vantage 1 fill areas were not confined to single lots & a "fill area" maybe could cover 4 or 5 lots & the tests were randomly selected. Lot 60 sloped from the lot back to lot front..

Fill was only over the front 5 metres or so of the lot. The amount of the fill in the house building area would be minimal.

There were several fill tests done nearby in road 5 .

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
15-Oct-2009	117	S9/3036	Lot 60/61	bdry, E 319518.698, N 7357193.316	RL 29.319	100.0	-1.5

Fill History:

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

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 60, Vantage stage 1 allotment fill.

**Report No:S 51745-8
Dated :30thSeptember,2010**



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Enquiries to:Noel Harvey.

CLIENT:Shadforth Civil Engineering

PROJECT: Lot 61, Vantage Estate stage 1

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 & Lee Ward of Gladstone Testing.

Laboratory Reference:S0/2932

General Comments:

Vantage 1 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 two main fill areas of Vantage 1 were along the west of road 5 [between road 2 and road 5 cul de sac] and north of road 2. This included lots 43 to 48; the parkland & future lots.

Lot 61 Fill :

Vantage 1 fill areas were not confined to single lots & a "fill area" maybe could cover 4 or 5 lots & the tests were randomly selected. Lot 61 sloped from the lot back to lot front..

Fill was only over the front 2 metres or so of the lot. The amount of the fill in the house building area would be minimal.

There were several fill tests done nearby in road 5 .

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
15-Oct-2009	117	S9/3036	Lot 60/61	bdry, E 319518.698, N 7357193.316	RL 29.319	100.0	-1.5

Fill History:

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

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 61, Vantage stage 1 allotment fill.

Report No:S 51745-9
Dated :30thSeptember,2010



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Enquiries to:Noel Harvey.

CLIENT:Shadforth Civil Engineering

PROJECT: Lot 63, Vantage Estate stage 1

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 & Lee Ward of Gladstone Testing.

Laboratory Reference:S0/2933

General Comments:

Vantage 1 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 two main fill areas of Vantage 1 were along the west of road 5 [between road 2 and road 5 cul de sac] and north of road 2. This included lots 43 to 48; the parkland & future lots.

Lot 63 Fill :

Vantage 1 fill areas were not confined to single lots & a "fill area" maybe could cover 4 or 5 lots & the tests were randomly selected. Lot 63 sloped from the lot back to lot front..

Fill was only over the front 5 metres or so of the lot and only on the right half.

This fill should have minimal or no effect on the future house building area.

There were several fill tests done nearby in road 2 .

Fill History:

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

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 63, Vantage stage 1 allotment fill.

Report No:S 51745-10
Dated :30thSeptember,2010



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Enquiries to:Noel Harvey.

CLIENT:Shadforth Civil Engineering

PROJECT: Lot 70, Vantage Estate stage 1

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 & Lee Ward of Gladstone Testing.

Laboratory Reference:S0/2934

General Comments:

Vantage 1 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 two main fill areas of Vantage 1 were along the west of road 5 [between road 2 and road 5 cul de sac] and north of road 2. This included lots 43 to 48; the parkland & future lots.

Lot 70 Fill :

Vantage 1 fill areas were not confined to single lots & a "fill area" maybe could cover 4 or 5 lots & the tests were randomly selected. Lot 70 sloped from the lot back to lot front..

Fill was over the right half of lot. The depth of fill was minimal

There were several fill tests done nearby in lot 71 and lot 57. .

Fill History:

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

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 70, Vantage stage 1 allotment fill.

Report No:S 51745-11
Dated :30thSeptember,2010



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CLIENT:Shadforth Civil Engineering
PROJECT: Lot 71, Vantage Estate stage 1
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 & Lee Ward of Gladstone Testing.

Laboratory Reference:S0/2935

General Comments:

Vantage 1 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 two main fill areas of Vantage 1 were along the west of road 5 [between road 2 and road 5 cul de sac] and north of road 2. This included lots 43 to 48; the parkland & future lots.

Lot 71 Fill :

Vantage 1 fill areas were not confined to single lots & a "fill area" maybe could cover 4 or 5 lots & the tests were randomly selected. Lot 71 sloped from the lot back to lot front..
Fill was over most of the lot. The amount of the fill varies,with the greater depth of fill being towards the lot front..
The general fill depth would not be great, being up to a metre in parts.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
18-Sep-2009	33	S9/2529	Lot 71	E 319484.316, N 7357095.240	RL 38.10	101.5	-4.0
18-Sep-2009	38	S9/2537	Lot 71	E 319475.995, N 7357101.219	RL 37.5	103.5	-1.5
21-Sep-2009	39	S9/2567	Lot 71/57	Bdry, E 319475.502, N 7357111.447	RL 36.12	104.5	-1.0

Fill History:

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

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 71, Vantage stage 1 allotment fill.

Report No:S 51745-12
Dated :30thSeptember,2010



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Enquiries to:Noel Harvey.

CLIENT:Shadforth Civil Engineering

PROJECT: Lot 80, Vantage Estate stage 1

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 & Lee Ward of Gladstone Testing.

Laboratory Reference:S0/2936

General Comments:

Vantage 1 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 two main fill areas of Vantage 1 were along the west of road 5 [between road 2 and road 5 cul de sac] and north of road 2. This included lots 43 to 48; the parkland & future lots.

Lot 80 Fill :

Vantage 1 fill areas were not confined to single lots & a "fill area" maybe could cover 4 or 5 lots & the tests were randomly selected. Lot 80 sloped from the lot back right hand corner to the lot front left corner.

Fill was over most of the lot, with the back right hand corner having minimal or no fill.

The general fill depth would not be great, being up to a metre in parts, mainly towards front left.

Fill tests had several fill tests nearby, as did lot 82 & lot 83.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
13-Oct-2009	115	S9/3007	Lot 80	E 319587.483, N 7357179.621	RL 28.177	101.5	-2.5

Fill History:

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

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 80, Vantage stage 1 allotment fill.

Report No:S 51745-13
Dated :30thSeptember,2010



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Enquiries to:Noel Harvey.

CLIENT:Shadforth Civil Engineering

PROJECT: Lot 81, Vantage Estate stage 1

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 & Lee Ward of Gladstone Testing.

Laboratory Reference:S0/2937

General Comments:

Vantage 1 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 two main fill areas of Vantage 1 were along the west of road 5 [between road 2 and road 5 cul de sac] and north of road 2. This included lots 43 to 48; the parkland & future lots.

Lot 81 Fill :

Vantage 1 fill areas were not confined to single lots & a "fill area" maybe could cover 4 or 5 lots & the tests were randomly selected. Lot 81 sloped from the lot back right hand corner to the lot front left corner.

Fill was over most of the lot.

The general fill depth would not be great, being a metre or so in parts.

Road 2 had several fill tests nearby, as did lot 82 & lot 83.

Fill History:

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

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 81, Vantage stage 1 allotment fill.

Report No:S 51745-14
Dated :1st October,2010



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Enquiries to:Noel Harvey.

CLIENT:Shadforth Civil Engineering

PROJECT: Lot 82, Vantage Estate stage 1

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 & Lee Ward of Gladstone Testing.

Laboratory Reference:S0/2938

General Comments:

Vantage 1 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 two main fill areas of Vantage 1 were along the west of road 5 [between road 2 and road 5 cul de sac] and north of road 2. This included lots 43 to 48; the parkland & future lots.

Lot 82 Fill :

Vantage 1 fill areas were not confined to single lots & a "fill area" maybe could cover 4 or 5 lots & the tests were randomly selected. Lot 82 sloped from the lot back to the lot front .

Fill was over most of the lot.

The general fill depth would not be great, being up to a metre in parts.

Field 2 had several fill tests nearby, as did lot 83.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
23-Apr-2010	171	S0/1034	Lot 82	front bdry, E 319619.575, N 7357174.846	RL 27.345	104.0	-3.5

Fill History:

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

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 82, Vantage stage 1 allotment fill.

Report No:S 51745-15
Dated :1st October,2010



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CLIENT:Shadforth Civil Engineering
PROJECT: Lot 83, Vantage Estate stage 1
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 & Lee Ward of Gladstone Testing.

Laboratory Reference:S0/2939

General Comments:

Stage 1 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 two main fill areas of Vantage 1 were along the west of road 5 [between road 2 and road 5 cul de sac] and north of road 2. This included lots 43 to 48; the parkland & future lots.

Lot 83 Fill :

Vantage 1 fill areas were not confined to single lots & a "fill area" maybe could cover 4 or 5 lots & the tests were randomly selected. Lot 83 sloped from the lot back to the lot front .
Fill was over most of the lot.
The general fill depth would not be great, being up to a metre in parts.
Road 2 had several fill tests nearby, as did lot 82.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
9-Apr-2010	145	S0/0888	Lot 83	E 319635.897, N 7357157.994	RL 26.397	107.0	-2.0
20-Apr-2010	156	S0/0984	Lot 83	E 319630.792, N 7357165.825	RL 26.588	96.0	-2.0

Fill History:

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

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 83, Vantage stage 1 allotment fill.

Report No:S 51745-16
Dated :1st October,2010



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Enquiries to:Noel Harvey.

CLIENT:Shadforth Civil Engineering

PROJECT: Lot 84, Vantage Estate stage 1

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 & Lee Ward of Gladstone Testing.

Laboratory Reference:S0/2940

General Comments:

Vantage 1 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 two main fill areas of Vantage 1 were along the west of road 5 [between road 2 and road 5 cul de sac] and north of road 2. This included lots 43 to 48; the parkland & future lots.

Lot 84 Fill :

Vantage 1 fill areas were not confined to single lots & a "fill area" maybe could cover 4 or 5 lots & the tests were randomly selected. Lot 84 sloped from the lot back to the lot front .

Fill was over the front half of the lot with some fill on RHS going a little past halfway..

The general fill depth would not be great, being up to a metre in parts.

Road 1 had several fill tests nearby, as did lot 83&85.

Fill History:

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


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 84, Vantage stage 1 allotment fill.

Report No:S 51745-17
Dated :1st October,2010



Noel A. Harvey

Gladstone Testing

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CLIENT:Shadforth Civil Engineering

PROJECT: Lot 85, Vantage Estate stage 1

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 & Lee Ward of Gladstone Testing.

Laboratory Reference:S0/2941

General Comments:

Vantage 1 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 two main fill areas of Vantage 1 were along the west of road 5 [between road 2 and road 5 cul de sac] and north of road 2. This included lots 43 to 48; the parkland & future lots.

Lot 85 Fill :

Vantage 1 fill areas were not confined to single lots & a "fill area" maybe could cover 4 or 5 lots & the tests were randomly selected. Lot 85 sloped from the lot back to the lot front .

Fill was over the front half of the lot with some fill on RHS going a little past halfway.

The general fill depth would not be great, being up to a metre in parts, mainly on the front RHS.

Lot 36 had some fill tests also.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
21-Jun-2010	265	S0/1974	Lot 85	11 from lot 86&15 from front	Final level	96.5	-1.5

Fill History:

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

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 85, Vantage stage 1 allotment fill.

Report No:S 51745-18
Dated :1st October,2010



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CLIENT:Shadforth Civil Engineering
PROJECT: Lot 86, Vantage Estate stage 1
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 & Lee Ward of Gladstone Testing.

Laboratory Reference:S0/2942

General Comments:

Stage 1 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 two main fill areas of Vantage 1 were along the west of road 5 [between road 2 and road 5 cul de sac] and north of road 2. This included lots 43 to 48; the parkland & future lots.

Lot 86 Fill :

Vantage 1 fill areas were not confined to single lots & a "fill area" maybe could cover 4 or 5 lots & the tests were randomly selected. Lot 86 sloped from left to right .
Fill was over the right hand side 2 thirds of lot.
The general fill depth would not be great, being maybe half metre in parts.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
21-Jun-2010	266	S0/1975	Lot 86	24 from lot 85&11 from front	Final level	102.0	-3.5
30-Jun-2010	278	S0/2082	Lot 86	26 from road 3& 15 from lot 87	Final level	99.5	-3.0

Fill History:

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

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 86, Vantage stage 1 allotment fill.

Report No:S 51746-1
Dated :1st October,2010



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CLIENT:Shadforth Civil Engineering

PROJECT: Lot 87, Vantage Estate stage 1

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 & Lee Ward of Gladstone Testing.

Laboratory Reference:S0/2943

General Comments:

Vantage 1 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 two main fill areas of Vantage 1 were along the west of road 5 [between road 2 and road 5 cul de sac] and north of road 2. This included lots 43 to 48; the parkland & future lots.

Lot 87 Fill :

Vantage 1 fill areas were not confined to single lots & a "fill area" maybe could cover 4 or 5 lots & the tests were randomly selected. Lot 87 sloped from left to right .

Fill was only at lot front, ranging from 2 metres on LHS to 5 or 6 metres on the RHS.

The general fill depth would be minimal & would not be in the house building area.

Fill History:

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

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 87, Vantage stage 1 allotment fill.

**Report No:S 51746-2
Dated :1st October,2010**



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CLIENT:Shadforth Civil Engineering
PROJECT: Lot 90, Vantage Estate stage 1
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 & Lee Ward of Gladstone Testing.

Laboratory Reference:S0/2944

General Comments:

Vantage 1 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 two main fill areas of Vantage 1 were along the west of road 5 [between road 2 and road 5 cul de sac] and north of
road 2. This included lots 43 to 48; the parkland & future lots.

Lot 90 Fill :

Vantage 1 fill areas were not confined to single lots & a "fill area" maybe could cover 4 or 5 lots & the tests were randomly
selected. Lot 90 sloped from lot front to the rear. .
Fill was over the front third of lot, with some fill on LHS poking back towards lot rear.
The general fill depth would not be great, being maybe half metre in front LHS.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
10-Sep-2009	21	S9/2366	Lot 90	E 319542.052, N 7357017.662	RL 38.5	105.0	0.0

Fill History:

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

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 90, Vantage stage 1 allotment fill.

Report No:S 51746-3
Dated :1st October,2010



Noel A.Harvey

Gladstone Testing