

GLADSTONE TESTING

SOILS and CONCRETE MATERIALS TESTING

I.A.T.A. Accredited Laboratory No.1620

Email:yevrah@hotmail.com

Mail Address:P.O. Box 1146, Gladstone, 4680

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

Phone 0749721455;FAX 0749727939

Enquiries to:Noel Harvey.

CLIENT:Shadforth Civil Engineering
PROJECT: Lot 1, 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:S0/2905

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 1 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 1 had 2 tests done on its fill areas. Lot 2 next door ended up with more tests on a random basis than lots 1,3&4. Lot 2 had the deepest fill of these 4 lots. Lot 1 had reasonable depth of fill, with the back half being deepest.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
4-Sep-2009	10	S9/2285	Lot 1	E 319590.8, N 7357041.1	RL 32.0	101.5	-2.0
30-Jun-2010	276	S0/2075	Lot 1	13 from lot 2&13 from lot 12	Final level	104.0	-0.5

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 1, Vantage stage 1 allotment fill.

Report No:S 51743-17
Dated :28thSeptember,2010



Noel A. Harvey

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Enquiries to:Noel Harvey.

CLIENT:Shadforth Civil Engineering

PROJECT: Lot 2, 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:S0/2906

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 2 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 2 had 5 tests done on its fill areas. Lot 2 had the deepest fill for lots 1 to 4

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
3-Sep-2009	7	S9/2268	Lot 2	E 319578.659, N 7357033.457	RL 32.0	96.0	-8.5
4-Sep-2009	12	S9/2292	Lot 2	E 319576.56, N 7357030.70	RL33.8	104.0	-3.0
7-Sep-2009	13	S9/2300	Lot 2 rear	E 319574.415, N 7357030.813	RL 34.5	98.5	-0.5
8-Sep-2010	15	S9/2322	Lot 2 rear	E 319574.930, N 7357036.157	RL 35.0	95.0	0.5
9-Sep-2009	19	S9/2329	Lot 2	front, E 319569.319, N 7357048.549	RL 35.1	97.0	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 2, Vantage stage 1 allotment fill.

Report No:S 51744-4
Dated :29thSeptember,2010



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Enquiries to:Noel Harvey.

CLIENT:Shadforth Civil Engineering

PROJECT: Lot 3, Vantage Estate stage 1

LOCATION:Allotment fill - Lot 3

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:S0/2907

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 3 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 3 had no tests done on its fill areas. Lot 2 next door ended up with more tests

on a random basis than lots 1,3&4. Lot 3 had fill basically on the back half of the lot.

The quality of fill on adjoining lots can be viewed on the 5 page summary of site tests.

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 3, Vantage stage 1 allotment fill.

Report No:S 51744-5
Dated :29thSeptember,2010



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Enquiries to:Noel Harvey.

CLIENT:Shadforth Civil Engineering

PROJECT: Lot 4, Vantage Estate stage 1

LOCATION:Allotment fill - Lot 4

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:S0/2908

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 3 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 4 had no tests done on its fill areas. Lot 2 ended up with more tests

on a random basis than lots 1,3&4. Lot 4 had fill basically on the back left corner of the lot and fill depth was minimal.

The quality of fill on adjoining lots can be viewed on the 5 page summary of site tests.

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 4, Vantage stage 1 allotment fill.

Report No:S 51744-6
Dated :29thSeptember,2010



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Phone 0749721455;FAX 0749727939

Enquiries to:Noel Harvey.

CLIENT:Shadforth Civil Engineering
PROJECT: Lot 43, 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:S0/2909

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 43 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 43 sloped from front to the lot rear. There were numerous tests in the vicinity of lot 43 also.

The road [road 2],parkland & adjoining lots were all frequently tested. Fill was over the entire lot & from 1.5 to 2m depth.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
22-Sep-2009	47	S9/2591	Lot 43	E 319490.491, N 7357300.787	RL 24.5	95.0	-4.0
23-Sep-2009	53	S9/2642	Lot 43	E 319498.866, N 7357282.936	RL 26.13	104.0	-3.0
24-Sep-2009	56	S9/2652	Lot 43	LHS bdry, E 319484.498, N 7357294.546	RL 25.32	103.5	-1.0
24-Sep-2009	58	S9/2669	Lot 43	LHS bdry, E 319487.759, N 7357296.685	RL 25.56	101.0	1.0
1-Oct-2009	84	S9/2825	Lot 43	E 319484.769, N 7357307.214	RL 23.958	98.5	0.0
1-Oct-2009	87	S9/2855	Lot 43	E 319508.164, N 7357291.829	RL 27.3	97.0	-1.5
6-Oct-2009	98	S9/2897	Lot 43/44	bdry, E 319517.919, N 7357306.942	RL 25.738	98.0	0.5
8-Oct-2009	110	S9/2955	Lot 43	E 319508.723, N 7357296.326	RL 27.613	97.0	-1.0
16-Oct-2009	120	S9/3065	Lot 43	E 319497.633, N 7357315.985	RL 24.10	105.0	-4.5
22-Oct-2009	126	S9/3126	Lot 43	rear bdry, E 319513.372, N 7357310.588	RL 27.056	95.0	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 43, Vantage stage 1 allotment fill.

Report No:S 51744-7
 Dated :29thSeptember,2010



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 Enquiries to:Noel Harvey.

CLIENT:Shadforth Civil Engineering
PROJECT: Lot 44, 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:S0/2910

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 44 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 44 sloped from front to the lot rear. There were numerous tests in the vicinity of lot 44 also. The road [road 2],parkland & adjoining lots were all frequently tested. Fill was over the entire lot & several metres deep.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
5-Oct-2009	92	S9/2879	Lot 44	E 319520.675, N 7357297.217	RL 24.578	99.5	-2.0
6-Oct-2009	98	S9/2897	Lot 43/44	bdry, E 319517.919, N 7357306.942	RL 25.738	98.0	0.5
7-Oct-2009	105	S9/2913	Lot 44	E 319518.609, N 7357303.321	RL 26.800	107.0	2.5
8-Oct-2009	106	S9/2935	Lot 44	rear, E 319524.156, N 7357303.565	RL 27.30	101.0	1.0
9-Oct-2009	111	S9/2962	Lot 44	E 319522.194, N 7357302.746	RL 27.977	101.5	-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 44, Vantage stage 1 allotment fill.

Report No:S 51744-8
Dated :29thSeptember,2010



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Phone 0749721455;FAX 0749727939

Enquiries to:Noel Harvey.

CLIENT:Shadforth Civil Engineering

PROJECT: Lot 45, 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:S0/2911

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 45 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 45 sloped from front to the lot rear. There were numerous tests in the vicinity of lot 45 also.

The road [road 2],parkland & adjoining lots were all frequently tested. Fill was over the entire lot & several metres deep.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
29-Sep-2009	71	S9/2746	Lot 45	E 319534.871, N 7357282.147	RL 25.915	101.0	0.0
5-Oct-2009	95	S9/2885	Lot 45	E 319540.153, N 7357295.368	RL 25.211	95.5	-1.5
6-Oct-2009	96	S9/2889	Lot 45	E 319526.614, N 7357269.790	RL 28.351	108.0	-3.5
6-Oct-2009	99	S9/2898	Lot 45	rear bdry, E 319543.333, N 7357296.769	RL 25.9	97.5	1.5
7-Oct-2009	104	S9/2912	Lot 45	rear bdry, E 319537.799, N 7357299.651	RL 26.810	107.5	1.0
8-Oct-2009	107	S9/2936	Lot 45/46	bdry.(& rear bdry) E 319552.027, N7357295.033	RL 27.01	103.0	-2.5
8-Oct-2009	109	S9/2954	Lot 45	E 319538.260, N 7357278.198	RL 28.419	97.5	-2.0
9-Oct-2009	112	S9/2963	Lot 45	E 319544.658, N 7357294.377	RL 28.254	99.0	-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 45, Vantage stage 1 allotment fill.

Report No:S 51744-9
Dated :29thSeptember,2010



Noel A.Harvey

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Enquiries to: Noel Harvey.

CLIENT: Shadforth Civil Engineering

PROJECT: Lot 46, 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: S0/2912

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; sheep's foot 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 46 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 46 sloped from front to the lot rear. There were numerous tests in the vicinity of lot 46 also. The road [road 2], parkland & adjoining lots were all frequently tested. Fill was over the entire lot & several metres deep.

DATE	CLIENT NO.	LAB. NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
1-Sep-2009	76	S9/2799	Lot 46/47	bdry, E 319551.753, N 7357262.946	RL 27.177	100.0	-2.0
7-Oct-2009	101	S9/2903	Lot 46	E 319556.153, N 7357285.823	RL 26.565	105.0	0
8-Oct-2009	107	S9/2936	Lot 45/46	bdry, (& rear bdry) E 319552.027, N 7357295.033	RL 27.01	103.0	-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 46, Vantage stage 1 allotment fill.

Report No: S 51744-10
Dated: 29th September, 2010



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Enquiries to:Noel Harvey.

CLIENT:Shadforth Civil Engineering

PROJECT: Lot 47, 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:S0/2913

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 47 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 47 sloped from front to the lot rear. There were numerous tests in the vicinity of lot 47 also.

The road [road 2],parkland & adjoining lots were all frequently tested. Fill was over the entire lot & several metres deep.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
28-Sep-2009	69	S9/2741	Lot 47/48	bdry, E 319572.286, N 7357266.869	RL 26.1	96.0	-1.5
28-Sep-2009	70	S9/2742	Lot 47	E 319551.487, N 7357266.839	RL 26.8	98.5	-2.5
29-Sep-2009	72	S9/2747	Lot 47	E 319562.673, N 7357261.744	RL 26.899	100.0	-1.0
29-Sep-2009	76	S9/2799	Lot 46/47	bdry, E 319551.753, N 7357262.946	RL 27.177	100.0	-2.0
2-Oct-2009	90	S9/2861	Lot 47	E 319563.074, N 7357277.014	RL 25.677	103.0	0.0
5-Oct-2009	94	S9/2884	Lot 47	E 319571.278, N 7357275.732	RL 26.196	98.5	0.0
6-Oct-2009	100	S9/2899	Lot 47	E 319553.547, N 7357263.286	RL 28.284	95.5	-2.0
7-Oct-2009	103	S9/2911	Lot 47	rear bdry, E 319572.656, N 7357287.262	RL 27.100	101.0	-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 47, Vantage stage 1 allotment fill.

Report No:S 51744-11
Dated :29thSeptember,2010



Noel A.Harvey

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Enquiries to:Noel Harvey.

CLIENT:Shadforth Civil Engineering
PROJECT: Lot 48, 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:S0/2914

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 48 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 48 sloped from front to the lot rear. There were numerous tests in the vicinity of lot 48 also. The road [road 2],parkland & adjoining lots were all frequently tested. Fill was over the entire lot & several metres deep.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
30-Sep-2009	79	S9/2805	Lot 48	E 319574.379, N 7357263.148	RL 26.727	102.5	0.0
7-Oct-2009	102	S9/2904	Lot 48	E 319569.766, N 7357249.150	RL 28.254	106.5	-3.5
8-Oct-2009	108	S9/2953	Lot 48	E 319575.801, N 7357264.837	RL 28.432	101.0	-2.5
30-Mar-2010	141	S0/0787	Lot 48/park	boundary, E 319586.239, N 7357250.728	RL 23.876	105.0	-2.5
31-Mar-2010	144	S0/0850	Lot 48	E 319589.842, N 7357258.211	RL 25.735	98.0	-2.5
16-Apr-2010	148	S0/0945	Lot 48	rear bdry, E 319591.272, N 7357266.830	RL 26.153	100.5	-1.0
23-Apr-2010	169	S0/1032	Lot 48	bdry, E 319593.199, N 7357251.508	RL 27.790	97.0	-0.5
28-Apr-2010	186	S0/1080	Lot 48/Park	E 319583.632;N7367251.126	RL 28.83	103.0	0.0
29-Apr-2010	189	S0/1091	Lot 48	Back RH cnr,E319589.561;N7357255.608	RL 28.844	101.5	1.0
30-Apr-2010	195	S0/1104	Lot 48	Parkland Bdy,E319585.452;N7357249.912	RL 29.050	106.0	-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 48, Vantage stage 1 allotment fill.

Report No:S 51744-12
Dated :29thSeptember,2010



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Enquiries to:Noel Harvey.

CLIENT:Shadforth Civil Engineering

PROJECT: Lot 49, 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:S0/2915

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 49 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 49 sloped from the lot rear to the lot front. There were other tests in the vicinity of lot 49 also.

The road [road 2] & adjoining lots were all tested. Fill was almost over the entire lot & a metre or so deep.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
23-Sep-2009	60	S9/2710	Lot 49	E 319449.375, N 7357272.859	RL 26.45	99.5	-1.0
25-Sep-2009	63	S9/2716	Lot 49	E 319464.553, N 7357277.847	RL 26.403	95.5	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 49, Vantage stage 1 allotment fill.

Report No:S 51744-13
Dated :29thSeptember,2010



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Enquiries to:Noel Harvey.

CLIENT:Shadforth Civil Engineering

PROJECT: Lot 50, 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:S0/2916

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 50 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 50 sloped from the lot rear to the lot front. There were other tests in the vicinity of lot 50 also.

The road [road 2] & adjoining lots were all tested. Fill was over the entire lot & a few metres or so deep.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
16-Sep-2009	36	S9/2535	Lot 50	E 319468.418, N 7357268.436	RL 25.2	95.0	-1.0
28-Sep-2009	68	S9/2740	Lot 50	E 319473.201, N 7357262.251	RL 29.9	103.5	-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 50, Vantage stage 1 allotment fill.

Report No:S 51744-14
Dated :29thSeptember,2010



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Enquiries to:Noel Harvey.

CLIENT:Shadforth Civil Engineering

PROJECT: Lot 51, 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:S0/2917

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 51 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 51 sloped from the lot rear to the lot front. There were other tests in the vicinity of lot 51 also.

The road [road 2] & adjoining lots were all tested. Fill was over the entire lot & a few metres or so deep.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
18-Sep-2009	35	S9/2531	Lot 51	E 319488.991, N 7357258.729	RL 25.6	101.5	-4.5
21-Sep-2009	41	S9/2569	Lot 51	E 319474.3, N 7357254.000	RL 26.201	96.5	1.0
22-Sep-2009	45	S9/2589	Lot 51	E 319483.885, N 7357234.255	RL 25.4	95.5	1.5
22-Sep-2009	49	S9/2608	Lot 51	cnr bdry, E 319492.753, N 7357260.788	RL 26.9	95.5	-2.0
25-Sep-2009	61	S9/2711	Lot 51	E 319492.340, N 7357249.942	RL 28.007	99.5	-5.0
28-Sep-2009	67	S9/2734	Lot 51	E 319487.094, N 7357237.309	RL 29.1	101.5	0.0
30-Sep-2009	81	S9/2820	Lot 51	E 319475.3, N 7357252.7	RL 28.0	96.0	-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 51, Vantage stage 1 allotment fill.

**Report No:S 51744-15
Dated :30thSeptember,2010**



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Enquiries to:Noel Harvey.

CLIENT:Shadforth Civil Engineering

PROJECT: Lot 52, 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:S0/2918

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 52 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 52 sloped from the lot left to the lot right. There were other tests in the vicinity of lot 52 also.

The road [road 5] & adjoining lots were all tested. Fill was over the entire lot & a few metres or so deep.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
18-Sep-2009	37	S9/2536	Lot 52	E 319477.268, N 7357216.532	RL 28.0	101.0	-3.0
21-Sep-2009	43	S9/2584	Lot 52	E 319484.629, N 7357226.045	RL 28.3	95.0	-2.0
22-Sep-2009	46	S9/2590	Lot 52/53	E 319479.890, N 7357212.654	RL 28.9	95.5	1.0
22-Sep-2009	48	S9/2607	Lot 52	E 319481.892, N 7357222.716	RL 28.4	102.0	-1.0
23-Sep-2009	54	S9/2643	Lot 52	E 319476.981, N 7357224.455	RL 28.6	104.5	-4.5
24-Sep-2009	59	S9/2670	Lot 52	E 319467.706, N 7357227.449	RL 28.76	105.0	-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 52, Vantage stage 1 allotment fill.

Report No:S 51744-16
Dated :30thSeptember,2010



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Enquiries to:Noel Harvey.

CLIENT:Shadforth Civil Engineering

PROJECT: Lot 53, 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:S0/2919

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 53 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 53 sloped from the lot left to the lot right & also towards the front. There were other tests in the vicinity of lot 53 also. The road [road 5] & adjoining lots were all tested. Fill was over the entire lot & a few metres or so deep.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
14-Sep-2009	22	S9/2415	Lot 53	E 319473.785, N 7357213.0	RL 26.1	96.0	-3.5
14-Sep-2009	24	S9/2443	Lot 53	E 319479.054, N 7357208.54	RL 27.4	105.5	-1.5
15-Sep-2009	27	S9/2456	Lot 53	E 319476.3, N 7357166.7	RL 28.0	109.0	-0.5
17-Sep-2009	32	S9/2523	Lot 53	E 319475.827, N 7357202.780	RL 28.7	107.5	-2.0
22-Sep-2009	46	S9/2590	Lot 52/53	E 319479.890, N 7357212.654	RL 28.9	95.5	1.0
25-Sep-2009	62	S9/2712	Lot 53	E 319472.661, N 7357197.733	RL 30.36	102.0	-1.0
28-Sep-2009	65	S9/2732	Lot 53	Rear, E 319456.461, N 7357216.262	RL 30.4	98.0	-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 53, Vantage stage 1 allotment fill.

Report No:S 51744-17
Dated :30thSeptember,2010



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Enquiries to: Noel Harvey.

CLIENT: Shadforth Civil Engineering

PROJECT: Lot 54, 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: S0/2920

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 54 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 54 sloped from the lot left to the lot right & also towards the front. There were other tests in the vicinity of lot 54 also. The road [road 5] & adjoining lots were all tested. Fill was over most of the lot, bar the back left hand corner. Fill was up to several metres deep in parts.

DATE	CLIENT NO.	LAB. NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
14-Sep-2009	25	S9/2444	Lot 54/55	Bdry, E 319476.140, N 7357169.396	RL 29.6	100.0	-2.5
18-Sep-2009	34	S9/2530	Lot 54	E 319479.0, N 7357188.207	RL 29.6	106.5	-4.5
21-Sep-2009	40	S9/2568	Lot 54	E 319474.014, N 7357189.145	RL 29.8	95.0	0.5
21-Sep-2009	42	S9/2583	Lot 54	Front bdry, E 319482.693, N 735186.945	RL 30.01	101.0	-1.0
23-Sep-2009	55	S9/2644	Lot 54/Rd 5	bdry, E 319475.398, N 735171.186	RL 31.306	103.5	-3.0
24-Sep-2009	57	S9/2653	Lot 54	E 319475.341, N 7357189.615	RL 30.5	101.5	0.5

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 54, Vantage stage 1 allotment fill.

Report No: S 51744-18
Dated : 30th September, 2010



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Enquiries to:Noel Harvey.

CLIENT:Shadforth Civil Engineering

PROJECT: Lot 55, 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:S0/2921

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 55 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 55 sloped from the lot left to the lot right & also towards the front. There were other tests in the vicinity of lot 55 also. The road [road 5] & adjoining lots were all tested. Fill was over the front right hand corner only. Most of the depth was on the front boundary & fill extended from LH front corner to halfway up RH boundary. There were several fill tests done nearby in road 5 cul de sac.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
14-Sep-2009	25	S9/2444	Lot 54/55	Bdry, E 319476.140, N 7357169.396	RL 29.6	100.0	-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 55, Vantage stage 1 allotment fill.

Report No:S 51744-19
Dated :30thSeptember,2010



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