

GLADSTONE TESTING

SOILS and CONCRETE MATERIALS TESTING

N.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 284, Vantage Estate stage 6&7

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 of Gladstone Testing.

Laboratory Reference:S2/4999

General Comments:

Vantage 6&7 fill started mid February,2012

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 mainly around the lots on road MC20;MC 21;MC 22& parts of MC 25;MC 23 & the road off MC23

Lot 284 Fill :

Vantage 6&7 fill areas were not confined to single lots & a "fill area" maybe could cover 4 or 5 lots & the tests were randomly selected. Lot 284 sloped to the front. A gully ran across lot from centre front to centre of

right boundary and this was the area of deepest fill

Fill was over all the lot and up to 8m deep at the front right .

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
14-Feb-2012	9	S2/0933	Lot 284	E 320036.223, N 7357212.652	RL 33.509	98.5	0.0
16-Feb-2012	15	S2/0967	Lot 284	E 320052.419, N 7357206.380	RL 35.416	102.5	-4.0
17-Feb-2012	21	S2/1010	Lot 284	E 320049.659, N 7357196.428	RL 36.569	95.5	0.5
21-Feb-2012	30	S2/1110	Lot 284	E 320037.270, N 7357220.709	RL 34.600	101.0	-2.0
23-Feb-2012	58	S2/1214	Lot 284	Rd MC20, Ch 113 fpath, E 320049.222, N 7357229.612	RL 34.482	104.0	-6.0
25-Feb-2012	79	S2/1282	Lot 284	E 320034.585, N 7357216.804	RL 36.456	99.5	0.5
25-Feb-2012	80	S2/1283	Lot 284/285	E 320052.754, N 7357193.656	RL 37.682	102.0	-2.5
2-Mar-2012	97	S2/1364	Lot 284	E 320032.196, N 7357222.484	RL 37.151	98.0	-0.5
5-Mar-2012	125	S2/1449	Lot 284	E 320051.288, N 7357226.642	RL 36.682	102.0	-4.5
5-Mar-2012	134	S2/1458	Lot 284	E 320047.548, N 7357222.639	RL 37.236	103.0	-4.0
6-Mar-2012	140	S2/1509	Lot 284	E 320051.227, N 7357215.371	RL 37.136	99.5	-1.0
6-Mar-2012	154	S2/1523	Lot 284/283	front bdry, E 320027.530, N 7357222.902	RL 38.151	104.0	-2.5
7-Mar-2012	165	S2/1556	Lot 284	E 320041.543, N 7357202.463	RL 38.820	96.5	0.0
8-Mar-2012	179	S2/1612	Lot 284	E 320039.853, N 7357194.966	RL 39.418	97.0	-1.0
9-Mar-2012	187	S2/1655	Lot 284	E 320039.534, N 7357228.129	RL 38.674	101.0	-0.5
12-Mar-2012	211	S2/1727	Lot 284	E 320047.354, N 7357210.665	RL 39.340	96.0	-1.0
13-Mar-2012	219	S2/1761	Lot 285/284	E 320059.003, N 7357197.382	RL 39.474	102.0	-4.0
13-Mar-2012	226	S2/1768	Lot 284	E 320042.861, N 7357205.633	RL 40.062	101	-2.5
16-Mar-2012	239	S2/1931	lot 284	E 320047.013, N 7357203.348	RL 41.047	100.5	-0.5

Fill History:

The bulk of the lot fill was done in the first 3 months for Vantage stage 6&7.

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 284, Vantage stage 6&7 allotment fill.

Report No:S 0712-4
Dated :29th July,2012


Noel A. Harvey

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Phone 0749721455;FAX 0749727939

Enquiries to:Noel Harvey.

CLIENT:Shadforth Civil Engineering
 PROJECT: Lot 285, Vantage Estate stage 6&7
 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 of Gladstone Testing.

Laboratory Reference:S2/5000

General Comments:

Vantage 6&7 fill started mid February,2012

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 mainly around the lots on road MC20;MC 21;MC 22& parts of MC 25;MC 23 & the road off MC23

Lot 285 Fill :

Vantage 6&7 fill areas were not confined to single lots & a "fill area" maybe could cover 4 or 5 lots & the tests were randomly selected. Lot 285 sloped to the rear.

Fill was over all the lot and up to 6m deep at the back .

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
15-Feb-2012	5	S2/0821	Lot 285	E 320053.896, N 7357189.195	RL 37.247	99.0	-3.0
16-Feb-2012	13	S2/0965	Lot 285	Bdry, E 320065.520, N 7357183.595	RL 38.860	102.0	-3.0
16-Feb-2012	16	S2/0968	Lot 285	E 320059.324, N 7357167.063	RL 41.641	99.5	-3.0
17-Feb-2012	20	S2/1009	Lot 285	E 320059.742, N 7357173.196	RL 41.170	100.0	-1.5
25-Feb-2012	80	S2/1283	Lot 284/285	E 320052.754, N 7357193.656	RL 37.682	102.0	-2.5
1-Mar-2012	82	S2/1307	Lot 285	E 320039.800, N 7357185.111	RL 39.739	100.5	1.5
12-Mar-2012	206	S2/1722	Lot 285	E 320042.551, N 7357185.146	RL 40.176	95.5	-1.0
13-Mar-2012	219	S2/1761	Lot 285/284	E 320059.003, N 7357197.382	RL 39.474	102.0	-4.0
13-Mar-2012	225	S2/1767	Lot 285	E 320059.822, N 7357173.333	RL 41.590	97.5	-0.5
16-Mar-2012	237	S2/1929	Lot 285	E 320056.459, N 7357168.468	RL 42.979	97.0	-1.5
20-Apr-2012	317	S2/2516	Lot 285	E 320043.791, N 7357191.500	RL 42.630	104.0	-3.0
23-Apr-2012	319	S2/2529	Lot 285	E 320047.133, N 7357184.492	RL 43.641	103.5	-6.5
24-Apr-2012	322	S2/2557	Lot 285	E 320049.212, N 7357167.205	RL 45.220	99.5	-2.5
3-May-2012	369	S2/2766	Lot 285	12m from lot 286, 15m from lot rear	final level	100.5	-4.5

Fill History:

The bulk of the lot fill was done in the first 3 months for Vantage stage 6&7.

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 285, Vantage stage 6&7 allotment fill.

Report No:S 0712-5
 Dated :29th July,2012



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

Phone 0749721455FAX 0749727939

Enquiries to:Noel Harvey.

CLIENT:Shadforth Civil Engineering
 PROJECT: Lot 286, Vantage Estate stage 6&7
 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 of Gladstone Testing.

Laboratory Reference:S2/5001

General Comments:

Vantage 6&7 fill started mid February,2012

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 mainly around the lots on road MC20;MC 21;MC 22& parts of MC 25;MC 23 & the road off MC23

Lot 286 Fill :

Vantage 6&7 fill areas were not confined to single lots & a "fill area" maybe could cover 4 or 5 lots & the tests were randomly selected. Lot 286 sloped to the rear. A gully ran across the back left corner of the lot

and this was the area of deepest fill

Fill was over all the lot and up to 9m deep at the back left .

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
15-Feb-2012	1	S2/0817	Lot 286	E 320025.386, N 7357185.632	RL 36.305	96.0	-0.5
15-Feb-2012	2	S2/0818	Lot 286	E 320018.753, N 7357180.653	RL 36.718	98.5	-1.0
15-Feb-2012	3	S2/0819	Lot 286	E 320016.367, N 7357175.188	RL 37.034	101.0	-2.0
21-Feb-2012	29	S2/1109	Lot 286	E 320019.021, N 7357172.599	RL 37.700	100.0	-1.0
23-Feb-2012	59	S2/1215	Lot 286	rear bdry, E 320021.696, N7357185.180	RL 38.325	101.0	-2.0
1-Mar-2012	81	S2/1306	Lot 286	E 320022.266, N 7357163.720	RL 42.009	96.0	0.0
8-Mar-2012	176	S2/1609	Lot 286	E 320030.680, N 7357183.883	RL 40.746	101.0	-4.0
13-Mar-2012	218	S2/1760	Lot 286	E 320017.722, N 7357183.906	RL 42.479	100.0	-2.0
16-Mar-2012	240	S2/1932	Lot 286	E 320032.049, N 7357184.331	RL 42.901	108.0	2.5
19-Apr-2012	306	S2/2472	Lot 286	E 320025.4, N 7357185.8	RL 44.11	98.5	-0.5
20-Apr-2012	316	S2/2515	Lot 286	E 320023.763, N 7357159.971	RL 45.831	105.0	-5.0
23-Apr-2012	320	S2/2530	Lot 286	E 320027.919, N 7357184.474	RL 44.307	99.5	-3.5
23-Apr-2012	321	S2/2531	Lot 286	E 320038.003, N 7357166.781	RL 45.240	102.5	-3.5
24-Apr-2012	323	S2/2558	Lot 286	E 320021.698, N 7357178.974	RL 45.225	95.5	0.0
26-Apr-2012	326	S2/2607	Lot 286	E 320037.510, N 7357173.119	RL 45.641	100.5	-3.5
27-Apr-2012	330	S2/2619	Lot 286	E 320019.530, N 7357168.289	RL 46.953	101.5	-2.0

Fill History:

The bulk of the lot fill was done in the first 3 months for Vantage stage 6&7.

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 286, Vantage stage 6&7 allotment fill.

Report No:S 0712-6
 Dated :29thJuly,2012



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Phone 0749721455 FAX 0749727939

Enquiries to: Noel Harvey.

CLIENT: Shadforth Civil Engineering
 PROJECT: Lot 287, Vantage Estate stage 6&7
 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 of Gladstone Testing.

Laboratory Reference: S2/5002

General Comments:

Vantage 6&7 fill started mid February, 2012

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; sheep's foot rollers; tip trucks etc.

Fill Areas:

The fill was mainly around the lots on road MC20; MC 21; MC 22 & parts of MC 25; MC 23 & the road off MC23

Lot 287 Fill :

Vantage 6&7 fill areas were not confined to single lots & a "fill area" maybe could cover 4 or 5 lots & the tests were randomly selected. lot 287 sloped to the front. A gully ran across the front right corner of the lot and this was the area of deepest fill. The tests for the gully in lot 286 were relevant for the same gully in lot 287, being filled at the same time. Fill was over all the lot and up to 8.5m deep at the front right .

DATE	CLIENT NO.	LAB. NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
23-Feb-2012	48	S2/1204	Lot 287	E 320011.362, N 7357175.274	RL 39.146	100.5	-3.0
8-Mar-2012	177	S2/1610	Lot 287	E 320001.504, N 7357179.006	RL 42.550	101.5	-4.0
12-Mar-2012	202	S2/1718	Lot 287	E 319998.227, N 7357178	RL 43.203	98.0	-4.0
12-Mar-2012	209	S2/1725	Lot 287	E 320010.708, N 7357163.400	RL 44.002	102.5	-0.5
13-Mar-2012	217	S2/1759	Lot 287	E 319993.998, N 7357172.132	RL 44.317	100.0	0.0
13-Mar-2012	223	S2/1765	Lot 287	E 320012.973, N 7357165.987	RL 44.386	100.0	-2.0
14-Mar-2012	230	S2/1822	Lot 287	E 319998.250, N 7357158.327	RL 45.792	105.5	-4.5
14-Mar-2012	236	S2/1828	Lot 287	E 319991.941, N 7357160.734	RL 46.229	98.0	3.0
18-Apr-2012	303	S2/2439	Lot 287	E 320004.219, N 7357180.849	RL 45.070	101.0	-3.0
18-Apr-2012	304	S2/2440	Lot 287	E 319996.161, N 7357162.134	RL 46.590	105.5	-5.0
26-Apr-2012	327	S2/2608	Lot 287	E 320007.208, N 7357178.972	RL 46.284	98.5	-1.0
27-Apr-2012	329	S2/2618	Lot 287	E 320002.001, N 7357162.970	RL 47.852	102.5	-1.0
3-May-2012	370	S2/2767	Lot 287	10m from lot 286, 10m from lot front	final level	98.0	-4.5

Fill History:

The bulk of the lot fill was done in the first 3 months for Vantage stage 6&7.

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 287, Vantage stage 6&7 allotment fill.

Report No: S 0712-7
 Dated : 29th July, 2012



Noel A. Harvey

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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 288, Vantage Estate stage 6&7

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 of Gladstone Testing.

Laboratory Reference:S2/5003

General Comments:

Vantage 6&7 fill started mid February,2012

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 mainly around the lots on road MC20;MC 21;MC 22& parts of MC 25;MC 23 & the road off MC23

Lot 288 Fill :

Vantage 6&7 fill areas were not confined to single lots & a "fill area" maybe could cover 4 or 5 lots & the tests were randomly selected. Lot 288 sloped to the right front. Fill was up to 3.5m deep at the front right.

Lot 287 was filled in the same "working area" as lot 288 and those results are relevant.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
9-Mar-2012	195	S2/1663	Lot 288	E 319991.5, N 7357146	RL 47.9482	100.0	-3.5
3-Apr-2012	265	S2/2200	Lot 288	E 319979.661, N 7357145.656	RL 48.539	102.5	-7.5
20-Apr-2012	318	S2/2517	Lot 288	E 319996.604, N 7357152.284	RL 47.622	103.5	-3.0
26-Apr-2012	324	S2/2605	Lot 288	E 319998.066, N 7357144.969	RL 48.373	97.0	-1.0

Fill History:

The bulk of the lot fill was done in the first 3 months for Vantage stage 6&7.

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 288, Vantage stage 6&7 allotment fill.

Report No:S 0712-8

Dated :29thJuly,2012



Noel A.Harvey

Gladstone Testing

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Email:yevrah@hotmail.net.au

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 289, Vantage Estate stage 6&7

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 of Gladstone Testing.

Laboratory Reference:S2/5004

General Comments:

Vantage 6&7 fill started mid February,2012

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 mainly around the lots on road MC20;MC 21;MC 22& parts of MC 25;MC 23 & the road off MC23

Lot 289Fill :

Vantage 6&7 fill areas were not confined to single lots & a "fill area" maybe could cover 4 or 5 lots & the tests were randomly selected. Lot 289 sloped to the right front. Fill was up to 1.5m deep at the front right.

The area of fill was small & the house site would probably miss it.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
3-Apr-2012	264	S2/2199	Lot 289	E 319990.843, N 7357125.740	RL 49.299	106.5	-6.5

Fill History:

The bulk of the lot fill was done in the first 3 months for Vantage stage 6&7.

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 289, Vantage stage 6&7 allotment fill.

Report No:S 0712-9
Dated :29thJuly,2012



Noel A.Harvey

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Phone 0749721455;FAX 0749727939

Enquiries to:Noel Harvey.

CLIENT:Shadforth Civil Engineering

PROJECT: Lot 290, Vantage Estate stage 6&7

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 of Gladstone Testing.

Laboratory Reference:S2/5005

General Comments:

Vantage 6&7 fill started mid February,2012

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 mainly around the lots on road MC20;MC 21;MC 22& parts of MC 25;MC 23 & the road off MC23

Lot 290 Fill :

Vantage 6&7 fill areas were not confined to single lots & a "fill area" maybe could cover 4 or 5 lots & the tests were randomly selected. Lot 290 sloped to the left front. Fill was up to 1.0m deep at the front left.

The area of fill was small & the house site would probably miss it.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
3-Apr-2012	263	S2/2198	Lot 290	E 320016.302, N 7357126.972	RL 48.395	105.5	-7.0

Fill History:

The bulk of the lot fill was done in the first 3 months for Vantage stage 6&7.

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 290, Vantage stage 6&7 allotment fill.

Report No:S 0712-10
Dated :29th July,2012



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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 291, Vantage Estate stage 6&7
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 of Gladstone Testing.

Laboratory Reference:S2/5006

General Comments:

Vantage 6&7 fill started mid February,2012
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 mainly around the lots on road MC20;MC 21;MC 22& parts of MC 25;MC 23 & the road off MC23

Lot 291Fill :

Vantage 6&7 fill areas were not confined to single lots & a "fill area" maybe could cover 4 or 5 lots & the tests were
randomly selected. Lot 291 sloped to the front. Fill was up to 1.5m deep at the front .
The fill area was the front third of the lot.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
9-Mar-2012	196	S2/1664	Lot 291	E 320045, N 7357139	RL 46.84	101.5	-3.0
3-Apr-2012	262	S2/2197	Lot 291	E 320039.762, N 7357135.299	RL 47.634	103.5	-6.0

Fill History:

The bulk of the lot fill was done in the first 3 months for Vantage stage 6&7.

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 291, Vantage stage 6&7 allotment fill.

Report No:S 0712-11
Dated :29thJuly,2012



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Email:yevrah@hotmail.net.au

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 292, Vantage Estate stage 6&7
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 of Gladstone Testing.

Laboratory Reference:S2/5007

General Comments:

Vantage 6&7 fill started mid February,2012

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 mainly around the lots on road MC20;MC 21;MC 22& parts of MC 25;MC 23 & the road off MC23

Lot 292Fill :

Vantage 6&7 fill areas were not confined to single lots & a "fill area" maybe could cover 4 or 5 lots & the tests were randomly selected. Lot 292 sloped to the front. Fill was up to 1.0m deep at the front .

The fill area was the front quarter of the lot.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
9-Mar-2012	197	S2/1665	Lot 292	E 320059.8, N 7357147	RL 46.2445	97.0	-2.0
3-Apr-2012	261	S2/2196	Lot 292	E 320060.392, N 7357145.587	RL 46.434	107.5	-6.0

Fill History:

The bulk of the lot fill was done in the first 3 months for Vantage stage 6&7.

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 292, Vantage stage 6&7 allotment fill.

Report No:S 0712-12
Dated :29thJuly,2012



Noel A.Harvey

Gladstone Testing

GLADSTONE TESTING

SOILS and CONCRETE MATERIALS TESTING

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

Email:yevrah@hotmail.net.au

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 293, Vantage Estate stage 6&7

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 of Gladstone Testing.

Laboratory Reference:S2/5008

General Comments:

Vantage 6&7 fill started mid February,2012

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 mainly around the lots on road MC20;MC 21;MC 22& parts of MC 25;MC 23 & the road off MC23

Lot 293Fill :

Vantage 6&7 fill areas were not confined to single lots & a "fill area" maybe could cover 4 or 5 lots & the tests were randomly selected. Lot 293 sloped to the front left. Fill was up to 1.0m deep at the front .

The fill area was the front third of the lot.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
3-Apr-2012	260	S2/2195	Lot 293	E 320076.303, N 7357151.352	RL 45.700	104.5	-3.0

Fill History:

The bulk of the lot fill was done in the first 3 months for Vantage stage 6&7.

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 293, Vantage stage 6&7 allotment fill.

Report No:S 0712-13
Dated :29thJuly,2012



Noel A.Harvey

Gladstone Testing

GLADSTONE TESTING

SOILS and CONCRETE MATERIALS TESTING

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

Email:yevrah@hotmail.net.au

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 294, Vantage Estate stage 6&7

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 of Gladstone Testing.

Laboratory Reference:S2/5009

General Comments:

Vantage 6&7 fill started mid February,2012

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 mainly around the lots on road MC20;MC 21;MC 22& parts of MC 25;MC 23 & the road off MC23

Lot 294Fill :

Vantage 6&7 fill areas were not confined to single lots & a "fill area" maybe could cover 4 or 5 lots & the tests were randomly selected. Lot 294 sloped to the front left. Fill was up to 2.5m deep at the front .

The fill area was over most of the lot bar a small area at the back right.

Lot 295 was worked at the same time and some of lot 295 tests were relevant

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
17-Feb-2012	18	S2/1007	Lot 294/295	E 320094.087, N 7357169.661	RL 42.698	99.0	-2.0
16-Feb-2012	14	S2/0966	Lot 295	E 320082.355, N 7357191.327	RL 38.312	103.5	-4.0
16-Feb-2012	17	S2/0969	Lot 295	E 320093.020, N 7357177.387	RL 41.124	101.0	-2.0
12-Apr-2012	290	S2/2334	Lot 294	E 320091.637, N 7357160.038	RL 44.856	103.0	-4.0

Fill History:

The bulk of the lot fill was done in the first 3 months for Vantage stage 6&7.

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 294, Vantage stage 6&7 allotment fill.

Report No:S 0712-14

Dated :29thJuly,2012



Noel A.Harvey

Gladstone Testing

GLADSTONE TESTING

SOILS and CONCRETE MATERIALS TESTING

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

Email:yevrah@hotmail.net.au

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 295, Vantage Estate stage 6&7

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 of Gladstone Testing.

Laboratory Reference:S2/5010

General Comments:

Vantage 6&7 fill started mid February,2012

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 mainly around the lots on road MC20;MC 21;MC 22& parts of MC 25;MC 23 & the road off MC23

Lot 295Fill :

Vantage 6&7 fill areas were not confined to single lots & a "fill area" maybe could cover 4 or 5 lots & the tests were randomly selected. Lot 295 sloped to the front. Fill was just over 3m deep at the front .

The fill area was all of the lot.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
16-Feb-2012	14	S2/0966	Lot 295	E 320082.355, N 7357191.327	RL 38.312	103.5	-4.0
16-Feb-2012	17	S2/0969	Lot 295	E 320093.020, N 7357177.387	RL 41.124	101.0	-2.0
17-Feb-2012	18	S2/1007	Lot 294/295	E 320094.087, N 7357169.661	RL 42.698	99.0	-2.0
12-Apr-2012	289	S2/2333	Lot 295	E 320098.058, N 7357182.090	RL 42.156	99.5	-4.5

Fill History:

The bulk of the lot fill was done in the first 3 months for Vantage stage 6&7.

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 295, Vantage stage 6&7 allotment fill.

Report No:S 0712-15

Dated :29thJuly,2012



Noel A.Harvey

Gladstone Testing

GLADSTONE TESTING

SOILS and CONCRETE MATERIALS TESTING

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

Email:yevrah@hotmail.net.au

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 296, Vantage Estate stage 6&7
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 of Gladstone Testing.

Laboratory Reference:S2/5011

General Comments:

Vantage 6&7 fill started mid February,2012

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 mainly around the lots on road MC20;MC 21;MC 22& parts of MC 25;MC 23 & the road off MC23

Lot 296 Fill :

Vantage 6&7 fill areas were not confined to single lots & a "fill area" maybe could cover 4 or 5 lots & the tests were randomly selected. Lot 296 sloped to the front. Fill was just over 1.5m deep at the front .

The fill area was the front three quarters of the lot.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
17-Feb-2012	22	S2/1011	Lot 296	E 320081.005, N 7357195.616	RL 39.477	102.5	-2.5
17-Feb-2012	23	S2/1012	Lot 296	E 320089.442, N 7357206.958	RL 38.949	102.0	-2.5
1-May-2012	345	S2/2702	Lot 296	E 320102.446, N 7357208.792	RL 39.714	98.5	-1.5

Fill History:

The bulk of the lot fill was done in the first 3 months for Vantage stage 6&7.

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 296, Vantage stage 6&7 allotment fill.

Report No:S 0712-16
Dated :29th July,2012



Noel A. Harvey

Gladstone Testing

GLADSTONE TESTING

SOILS and CONCRETE MATERIALS TESTING

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

Email:yevrah@hotmail.net.au

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 297, Vantage Estate stage 6&7
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 of Gladstone Testing.

Laboratory Reference:S2/5012

General Comments:

Vantage 6&7 fill started mid February,2012

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 mainly around the lots on road MC20;MC 21;MC 22& parts of MC 25;MC 23 & the road off MC23

Lot 297Fill :

Vantage 6&7 fill areas were not confined to single lots & a "fill area" maybe could cover 4 or 5 lots & the tests were randomly selected. Lot 297 sloped to the front left. Fill was just over 2.5m deep at the front .

The fill area was the front two thirds of the lot.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
20-Feb-2012	26	S2/1067	Lot 297	E 320089.264, N 7357231.350	RL 35.692	102.5	-3.0
21-Feb-2012	32	S2/1112	Lot 297	E 320101.092, N 7357221.503	RL 38.130	107.0	-4.5
6-Mar-2012	150	S2/1519	Lot 297/298	bdry, E 320089.709, N 7357236.004	RL 35.894	96.0	-3.0
1-May-2012	346	S2/2703	Lot 297	E 320088.755, N 7357227.723	RL 38.127	102.0	-3.5

Fill History:

The bulk of the lot fill was done in the first 3 months for Vantage stage 6&7.

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 297, Vantage stage 6&7 allotment fill.

Report No:S 0712-17
Dated :29thJuly,2012



Noel A.Harvey

Gladstone Testing

GLADSTONE TESTING

SOILS and CONCRETE MATERIALS TESTING

N.A.T.A. Accredited Laboratory No.1620
 Email:yevrah@hotmail.net.au
 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 298, Vantage Estate stage 6&7
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 of Gladstone Testing.
 Laboratory Reference:S2/5013

General Comments:

Vantage 6&7 fill started mid February,2012
 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 mainly around the lots on road MC20;MC 21;MC 22& parts of MC 25;MC 23 & the road off MC23

Lot 298Fill :

Vantage 6&7 fill areas were not confined to single lots & a "fill area" maybe could cover 4 or 5 lots & the tests were randomly selected. Lot 298 sloped to the front left. Fill was just over 2.0m deep at the front .
 The fill area was over all of the lot.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
6-Mar-2012	150	S2/1519	Lot 297/298	bdry, E 320089.709, N 7357236.004	RL 35.894	96.0	-3.0
7-Mar-2012	168	S2/1559	Lot 298	E 320105.164, N 7357260.432	RL 35.508	98.0	-4.5
8-Mar-2012	173	S2/1606	Lot 298	E 320094.631, N7357245.942	RL 36.220	101.5	-4.5
8-Mar-2012	184	S2/1617	Lot 298	E 320099.489, N 7357258.108	RL 35.999	99.0	-5.5
9-Mar-2012	189	S2/1657	Lot 298	E 320091.562, N 7357247.899	RL 36.627	99.0	-1.0
1-May-2012	347	S2/2704	Lot 298	E 320105.624, N 7357245.247	RL 37.318	107	-4.0

Fill History:

The bulk of the lot fill was done in the first 3 months for Vantage stage 6&7.

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 298, Vantage stage 6&7 allotment fill.

Report No:S 0712-18
Dated :29thJuly,2012



Noel A.Harvey

Gladstone Testing



ABN 44 000 964 278
 ph: +61 (0)7 4972 1455
 fax: +61 (0)7 4972 7939

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SGS Australia Pty Ltd
 Shop 1, 16 Drewes St
 (PO Box 1146)
 Gladstone QLD 4680
 Australia

CLIENT: Shadforth Civil Engineering
PROJECT: Lot 299, Vantage Estate stage 6&7
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 of SGS Australia Pty.Ltd [Formerly Gladstone Testing].

Laboratory Reference: S2/5208

General Comments:

Vantage 6&7 fill started mid February, 2012

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 mainly around the lots on road MC20; MC 21; MC 22 & parts of MC 25; MC 23 & the road off MC23

Lot 299 Fill :

Vantage 6&7 fill areas were not confined to single lots & a "fill area" maybe could cover 4 or 5 lots & the tests were randomly selected. Lot 299 sloped to the front left. Fill was just over 2.0m deep at the front .

The fill area was over all of the lot.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
3-Mar-2012	116	S2/1419	Lot 299	E 320125.153, N 7357280.508	RL 33.455	98.5	-3.0
5-Mar-2012	133	S2/1457	Lot 299	E 320113.056, N 7357264.942	R 34.363	101.0	-3.5
6-Mar-2012	145	S2/1514	Lot 299	E 320126.563, N 7357264.537	RL 34.103	96.5	-2.0
6-Mar-2012	151	S2/1520	Lot 299	front bdry, E 320112.815, N 7357274.609	RL 34.728	102.0	-5.0
1-May-2012	348	S2/2705	Lot 299	E 320119.597, N 7357261.732	RL 35.972	103.5	-5.5

Fill History:

The bulk of the lot fill was done in the first 3 months for Vantage stage 6&7.

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 299, Vantage stage 6&7 allotment fill.

Report No: S 0723-1
Dated : 5th August, 2012

Noel A. Harvey



SGS Australia Pty.Ltd



ABN 44 000 964 278
 ph: +61 (0)7 4972 1455
 fax: +61 (0)7 4972 7939

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SGS Australia Pty Ltd
 Shop 1, 16 Drewe St
 (PO Box 1146)
 Gladstone QLD 4680
 Australia

CLIENT:Shadforth Civil Engineering
PROJECT: Lot 300, Vantage Estate stage 6&7
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 of SGS Australia Pty.Ltd[Formerly Gladstone Testing].

Laboratory Reference:S2/5209

General Comments:

Vantage 6&7 fill started mid February,2012

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 mainly around the lots on road MC20;MC 21;MC 22& parts of MC 25;MC 23 & the road off MC23

Lot 300Fill :

Vantage 6&7 fill areas were not confined to single lots & a "fill area" maybe could cover 4 or 5 lots & the tests were randomly selected. Lot 300 sloped to the front and there was a small gully at just left of centre of lot and running from back to lot front.

Fill was just over 2.5m deep at the front .

The fill area was over all of the lot.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
2-Mar-2012	106	S2/1373	Lot 300	E 320132.772, N 7357273.309	RL 32.972	100.0	-2.5
6-Mar-2012	152	S2/1521	Lot 300	E 320135.493, N 7357277.922	RL 33.658	99.5	-6.0
1-May-2012	351	S2/2708	Lot 300	E 320149.955, N 7357266.811	RL 35.033	103.0	-4.0

Fill History:

The bulk of the lot fill was done in the first 3 months for Vantage stage 6&7.

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 300, Vantage stage 6&7 allotment fill.

Report No:S 0723-2
Dated :5thAugust,2012

Noel A.Harvey



SGS Australia Pty.Ltd



ABN 44 000 064 278
 ph: +61 (0)7 4972 1455
 fax: +61 (0)7 4972 7939

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SGS Australia Pty Ltd
 Shop 1, 16 Drewe St
 (PO Box 1146)
 Gladstone QLD 4680
 Australia

CLIENT: Shadforth Civil Engineering
PROJECT: Lot 301, Vantage Estate stage 6&7
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 of SGS Australia Pty.Ltd [Formerly Gladstone Testing].

Laboratory Reference: S2/5210

General Comments:

Vantage 6&7 fill started mid February, 2012

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 mainly around the lots on road MC20; MC 21; MC 22 & parts of MC 25; MC 23 & the road off MC23

Lot 301 Fill :

Vantage 6&7 fill areas were not confined to single lots & a "fill area" maybe could cover 4 or 5 lots & the tests were randomly selected. Lot 301 sloped to the right of the lot.

Fill was just over 1m deep at the right of lot .

The fill area was over the right two thirds of the lot.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
9-Mar-2012	198	S2/1666	Lot 301	E 320151.9, N 7357247	RL 35.4516	98.5	-4.0
1-May-2012	349	S2/2706	Lot 301	E 320142.741, N 7357238.071	RL 36.960	101.0	-3.0

Fill History:

The bulk of the lot fill was done in the first 3 months for Vantage stage 6&7.

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 301, Vantage stage 6&7 allotment fill.

Report No: S 0723-3
Dated : 5th August, 2012

Noel A. Harvey



SGS Australia Pty.Ltd



ABN 44 000 964 278
 ph: +61 (0)7 4972 1455
 fax: +61 (0)7 4972 7939

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SGS Australia Pty Ltd
 Shop 1, 16 Drewe St
 (PO Box 1146)
 Gladstone QLD 4680
 Australia

CLIENT: Shadforth Civil Engineering
PROJECT: Lot 302, Vantage Estate stage 6&7
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 of SGS Australia Pty.Ltd [Formerly Gladstone Testing].

Laboratory Reference: S2/5211

General Comments:

Vantage 6&7 fill started mid February, 2012

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 mainly around the lots on road MC20; MC 21; MC 22 & parts of MC 25; MC 23 & the road off MC23

Lot 302 Fill :

Vantage 6&7 fill areas were not confined to single lots & a "fill area" maybe could cover 4 or 5 lots & the tests were randomly selected. Lot 302 sloped to the right of the lot.

There was little fill of significance being basically a cut lot.

DATE	CLIENT NO.	LAB. NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
1-May-2012	350	S2/2707	Lot 302	E 320144.753, N 7357223.210	RL 37.565	103.0	-4.0

Fill History:

The bulk of the lot fill was done in the first 3 months for Vantage stage 6&7.

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 302, Vantage stage 6&7 allotment fill.

Report No: S 0723-4
Dated : 5th August, 2012

Noel A. Harvey

SGS Australia Pty.Ltd



ABN 44 000 064 278
 ph: +61 (0)7 4972 1455
 fax: +61 (0)7 4972 7039

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SGS Australia Pty Ltd
 Shop 1, 16 Drewe St
 (PO Box 1146)
 Gladstone QLD 4680
 Australia

CLIENT: Shadforth Civil Engineering
PROJECT: Lot 303, Vantage Estate stage 6&7
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 of SGS Australia Pty.Ltd [Formerly Gladstone Testing].

Laboratory Reference: S2/5212

General Comments:

Vantage 6&7 fill started mid February, 2012

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 mainly around the lots on road MC20; MC 21; MC 22 & parts of MC 25; MC 23 & the road off MC23

Lot 303 Fill :

Vantage 6&7 fill areas were not confined to single lots & a "fill area" maybe could cover 4 or 5 lots & the tests were randomly selected. Lot 303 sloped to the right of the lot.

There was little fill of significance being basically a cut lot.

DATE	CLIENT NO.	LAB. NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
1-May-2012	344	S2/2701	Lot 303	E 320137.364, N 7357207.647	RL 39.251	99.0	-4.5

Fill History:

The bulk of the lot fill was done in the first 3 months for Vantage stage 6&7.

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 303, Vantage stage 6&7 allotment fill.

Report No: S 0723-5
Dated : 5th August, 2012

Noel A. Harvey

SGS Australia Pty.Ltd



ABN 44 000 064 278
 ph: +61 (0)7 4972 1455
 fax: +61 (0)7 4972 7030

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 Shop 1, 16 Drewe St
 (PO Box 1146)
 Gladstone QLD 4680
 Australia

CLIENT: Shadforth Civil Engineering
PROJECT: Lot 304, Vantage Estate stage 6&7
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 of SGS Australia Pty.Ltd [Formerly Gladstone Testing].

Laboratory Reference: S2/5213

General Comments:

Vantage 6&7 fill started mid February, 2012

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 mainly around the lots on road MC20; MC 21; MC 22 & parts of MC 25; MC 23 & the road off MC23

Lot 304 Fill :

Vantage 6&7 fill areas were not confined to single lots & a "fill area" maybe could cover 4 or 5 lots & the tests were randomly selected. Lot 304 sloped to the right of the lot.

There was some fill at the rear 10m of lot & less than 0.5m deep at rear.

The house site most probably would have its footings based in natural material.

DATE	CLIENT NO.	LAB. NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
12-Apr-2012	288	S2/2332	Lot 304	E 320130.765, N 7357190.209	RL 41.848	103.0	-3.5

Fill History:

The bulk of the lot fill was done in the first 3 months for Vantage stage 6&7.

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 304, Vantage stage 6&7 allotment fill.

Report No: S 0723-6
Dated : 5th August, 2012

Noel A. Harvey

SGS Australia Pty.Ltd



ABN 44 000 064 278
 ph: +61 (0)7 4972 1455
 fax: +61 (0)7 4972 7939

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SGS Australia Pty Ltd
 Shop 1, 16 Drewe St
 (PO Box 1146)
 Gladstone QLD 4680
 Australia

CLIENT: Shadforth Civil Engineering
PROJECT: Lot 305, Vantage Estate stage 6&7
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 of SGS Australia Pty.Ltd [Formerly Gladstone Testing].

Laboratory Reference: S2/5214

General Comments:

Vantage 6&7 fill started mid February, 2012

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 mainly around the lots on road MC20; MC 21; MC 22 & parts of MC 25; MC 23 & the road off MC23

Lot 305 Fill :

Vantage 6&7 fill areas were not confined to single lots & a "fill area" maybe could cover 4 or 5 lots & the tests were randomly selected. Lot 305 sloped to the right rear [north west] of the lot.

There was some fill at the rear 5m of lot [north west corner area & it was less than 0.5m deep .

The house site most probably would have its footings based in natural material.

DATE	CLIENT NO.	LAB. NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
3-Apr-2012	259	S2/2194	Lot 305	E 320113.112, N 7357160.084	RL 44.687	108.0	-4.5

Fill History:

The bulk of the lot fill was done in the first 3 months for Vantage stage 6&7.

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 305, Vantage stage 6&7 allotment fill.

Report No: S 0723-7
Dated : 5th August, 2012

Noel A. Harvey



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SGS Australia Pty Ltd
Shop 1, 16 Drewe St
(PO Box 1146)
Gladstone QLD 4680
Australia

ABN 44 000 064 278
ph: +61 (0)7 4972 1455
fax: +61 (0)7 4972 7039

CLIENT: Shadforth Civil Engineering
PROJECT: Lot 306, Vantage Estate stage 6&7
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 of SGS Australia Pty.Ltd [Formerly Gladstone Testing].

Laboratory Reference: S2/5215

General Comments:

Vantage 6&7 fill started mid February, 2012

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 mainly around the lots on road MC20; MC 21; MC 22 & parts of MC 25; MC 23 & the road off MC23

Lot 306 Fill :

Vantage 6&7 fill areas were not confined to single lots & a "fill area" maybe could cover 4 or 5 lots & the tests were randomly selected. Lot 306 sloped to the front of the lot.

This lot had negligible or little fill of consequence .

DATE	CLIENT NO.	LAB. NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
3-Apr-2012	258	S2/2193	Lot 306	E 320131.495, N 7357167.277	RL 43.235	97.0	-3.5

Fill History:

The bulk of the lot fill was done in the first 3 months for Vantage stage 6&7.

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 306, Vantage stage 6&7 allotment fill.

Report No: S 0723-8
Dated : 5th August, 2012

Noel A. Harvey

SGS Australia Pty.Ltd



ABN 44 000 064 278
 ph: +61 (0)7 4972 1455
 fax: +61 (0)7 4972 7939

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SGS Australia Pty Ltd
 Shop 1, 16 Drewe St
 (PO Box 1146)
 Gladstone QLD 4680
 Australia

CLIENT: Shadforth Civil Engineering
PROJECT: Lot 307, Vantage Estate stage 6&7
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 of SGS Australia Pty.Ltd [Formerly Gladstone Testing].

Laboratory Reference: S2/5216

General Comments:

Vantage 6&7 fill started mid February, 2012

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; sheepfoot rollers; tip trucks etc.

Fill Areas:

The fill was mainly around the lots on road MC20; MC 21; MC 22 & parts of MC 25; MC 23 & the road off MC23

Lot 307 Fill :

Vantage 6&7 fill areas were not confined to single lots & a "fill area" maybe could cover 4 or 5 lots & the tests were randomly selected. Lot 307 sloped to the left front of the lot.

There was some fill near the left hand front boundary and it was no more than 0,5m deep.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
3-Apr-2012	257	S2/2192	Lot 307	E 320155.825, N 7357163.190	RL 43.117	106.0	-7.0
3-May-2012	366	S2/2763	Lot 307	10m from lot front, 8m from lot 308	final level	102.5	-6.5

Fill History:

The bulk of the lot fill was done in the first 3 months for Vantage stage 6&7.

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 307, Vantage stage 6&7 allotment fill.

Report No: S 0723-9
Dated : 5th August, 2012

Noel A. Harvey

SGS Australia Pty.Ltd