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**CLIENT:Shadforth Civil Engineering**  
**PROJECT: Lot 308, 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:S2/5217

**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 308Fill :**

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 308 sloped to the north east of the lot.

Fill was over most of the lot and up to 1.5m deep in places.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
9-Mar-2012	199	S2/1667	Lot 308	E 320181.7, N 7357168	RL 40.9611	100.0	-3.5
10-Apr-2012	270	S2/2266	Lot 308	E 320185.585, N 7357172.848	RL 39.995	99.0	-5.0
12-Apr-2012	286	S2/2330	Lot 308	E 320175.112, N 7357171.014	RL 41.842	102.5	-5.0
3-May-2012	365	S2/2762	Lot 308	15m from lot 309, 10m from lot 307	final level	103.0	-7.5

**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 308, Vantage stage 6&7 allotment fill.

**Report No:S 0723-10**  
**Dated :5thAugust,2012**

Noel A.Harvey

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**CLIENT: Shadforth Civil Engineering**  
**PROJECT: Lot 309, 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: S2/5218

**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 309 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 309 sloped to the rear of the lot.

Fill was over the rear half of the lot and up to 1m deep in places.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
4-Apr-2012	269	S2/2239	Lot 309	E 320183.257, N 7357181.006	RL 39.118	96.0	2.0
10-Apr-2012	271	S2/2267	Lot 309	E 320187.538, N 7357190.550	RL 37.720	102.5	-5.0
3-May-2012	364	S2/2761	Lot 309	20m from lot front, 10m from lot 310	final level	98.5	-2.5

**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 309, Vantage stage 6&7 allotment fill.

**Report No: S 0723-11**  
**Dated : 5th August, 2012**

Noel A. Harvey

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**CLIENT:Shadforth Civil Engineering**  
**PROJECT: Lot 310, 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:S2/5219

**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 310Fill :**

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 310 sloped to the rear of the lot.

Fill was over the rear half of the lot and up to 1m deep in places.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
11-Apr-2012	281	S2/2292	Lot 310	E 320185.148, N 7357211.320	RL 36.382	99.5	-1.5
3-May-2012	363	S2/2760	Lot 310	18m from lot front, 9m from lot 309	final level	104.0	-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 310, Vantage stage 6&7 allotment fill.

**Report No:S 0723-12**  
**Dated :5thAugust,2012**

Noel A.Harvey

SGS Australia Pty.Ltd

# GLADSTONE TESTING

## SOILS and CONCRETE MATERIALS TESTING

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

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Phone 0749721455;FAX 0749727939

Enquiries to:Noel Harvey.

**CLIENT:Shadforth Civil Engineering**

**PROJECT: Lot 334, Vantage Estate Future stages**

**LOCATION:Allotment fill - Lot as per shown summary**

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

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

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

Laboratory Reference:S1/4154

### General Comments:

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

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

Lots 334[next to lot 333]& 335 [next to lot 336] were filled during this stages earthworks.

### Equipment:

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

### Fill Areas:

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

### Lot 334 Fill :

Vantage 3;4&5 fill areas were not confined to single lots & a "fill area" maybe could cover 4 or 5 lots & the tests were randomly selected. Lot 334 sloped from the lot front to rear.

Fill was over the back quarter of the lot and was up to 1.5 metres deep at the deepest.

Lot 334 was the lot at rear of 352 and some of lot 352 tests are relevant for lot 334 fill.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
22-Jan-2011	49	S1/0206	Lot 334	E 319886.238, N 7357142.586	RL 45.628	96.5	-0.5
24-Jan-2011	53	S1/0216	Lot 352	E 319868.945, N 7357148.161	RL 43.796	98.5	-1.5
24-Jan-2011	55	S1/0218	Lot 352	E 319886.793, N 7357162.063	RL 44.537	103.5	-0.5
25-Jan-2011	57	S1/0231	Lot 352	E 319861.786, N 7357157.708	RL 42.435	105.0	-1.0
25-Jan-2011	60	S1/0234	Lot 352	E 319881.866, N 7357161.280	RL 44.81	95.0	-1.0
27-Jan-2011	62	S1/0264	Lot 352	E 319877.62, N 7357145.585	RL 45.17	101.5	1.0
18-Feb-2011	164	S1/0835	Lot 352	E 319867.821, N 7357151.738	RL 43.872	96.5	-4.0

### Fill History:

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

### Compaction Quality:

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

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

I am more than happy to verify the quality of fill on lot 334, Vantage stage 3;4&5 allotment fill.

Report No:S 0267-1  
Dated :10th October,2011



Noel A.Harvey

Gladstone Testing

# GLADSTONE TESTING

## SOILS and CONCRETE MATERIALS TESTING

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Phone 0749721455;FAX 0749727939

Enquiries to:Noel Harvey.

**CLIENT:Shadforth Civil Engineering**  
**PROJECT: Lot 335, Vantage Estate Future stages**  
**LOCATION:Allotment fill - Lot as per shown summary**  
**Level 1 Inspection & Supervision as per Test frequency, Table 8.1/Type 2**  
**and designated as " Controlled fill", as defined by AS2870-1996**

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

Laboratory Reference:S1/4155

**General Comments:**

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

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

Lots 334[next to lot 333]& 335 [next to lot 336] were filled during this stages earthworks.

**Equipment:**

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

**Fill Areas:**

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

**Lot 335 Fill :**

Vantage 3;4&5 fill areas were not confined to single lots & a "fill area" maybe could cover 4 or 5 lots & the tests were randomly selected. Lot 335 sloped from the lot front to rear.

Fill was over the back third of the lot and was up to 2 metres deep at the deepest.

Lot 335 was the lot at rear of 351 and some of lot 351 tests are relevant for lot 335 fill.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
17-Jan-2011	25	S1/0112	Lot 351	E 319870.196, N 7357176.536	RL 36.799	96.0	-0.5
18-Jan-2011	27	S1/0119	Lot 351	E 319863.769, N 7357178.806	RL 36.819	95.5	-0.5
22-Jan-2011	50	S1/0207	Lot 335	E 319891.136, N 7357171.762	RL 44.000	95.5	-2.0
22-Jan-2011	51	S1/0208	Lot 351	E 319869.118, N 7357180.231	RL 40.495	95.5	-1.0
25-Jan-2011	59	S1/0233	Lot 351	E 319869.278, N 7357170.697	RL 42.595	97.0	0.5
28-Jan-2011	69	S1/0288	Lot 351/335/337	E 319893.036, N 7357180.16	RL 45.663	104.0	-3.5
31-Jan-2011	80	S1/0350	Lot 338/351bdry	E 319870.412, N 7357191.209	RL 42.478	104.5	-0.5
18-Feb-2011	165	S1/0836	Lot 351	E 319866.012, N 7357165.382	RL 43.194	102.0	-1.0

**Fill History:**

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

**Compaction Quality:**

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

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

I am more than happy to verify the quality of fill on lot 335, Vantage stage 3;4&5 allotment fill.

Report No:S 0267-2  
 Dated :10th October,2011



Noel A.Harvey

Gladstone Testing



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**CLIENT:Shadforth Civil Engineering**  
**PROJECT: Lot 387, 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:S2/5233

**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 387Fill :**

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 387 sloped to the left of the lot.

There was minimal fill on lot 387, the rear having a smidgin only.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
10-May-2012	374	S2/2872	Lot 387	E 319918.197, N 7357245.861	RL 45.965	106.0	-5.0

**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 387, Vantage stage 6&7 allotment fill.

**Report No:S 0724-7**  
**Dated :5thAugust,2012**

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SGS Australia Pty Ltd  
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**CLIENT:Shadforth Civil Engineering**  
**PROJECT: Lot 388, 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:S2/7239

**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 388Fill :**

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 388 sloped slightly to the left of the lot.

There was minimal fill on lot 388.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
10-May-2012	375	S2/2873	Lot 388	E 319933.389, N 7357240.405	RL 46.784	105.0	-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 388, Vantage stage 6&7 allotment fill.

**Report No:S 0782-6**  
**Dated :3rdSeptember,2012**

Noel A.Harvey

SGS Australia Pty.Ltd



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**CLIENT:Shadforth Civil Engineering**  
**PROJECT: Lot 389, 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:S2/7240

**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 389Fill :**

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 389 sloped slightly to the right of the lot.

There was no significant fill on lot 389. Lot 389 was predominantly a cut lot.

DATE	CLIENT NO	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
10-May-2012	376	S2/2874	Lot 389	E 319947.967, N 7357234.823	RL 46.815	104.0	-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 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 389, Vantage stage 6&7 allotment fill.

**Report No:S 0782-7**  
**Dated :3rdSeptember,2012**

Noel A.Harvey

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**CLIENT: Shadforth Civil Engineering**  
**PROJECT: Lot 390, 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: S2/7241

**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 390 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 390 sloped slightly to the right of the lot.

Lot 390 was predominantly a cut lot. There was a thin wedge of fill on the front right of the lot about 0.5m deep in parts.

DATE	CLIENT NO	LAB. NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
10-May-2012	377	S2/2875	Lot 390	E 319982.320, N 7357237.120	RL 44.461	103.5	-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 390, Vantage stage 6&7 allotment fill.

**Report No: S 0782-8**  
**Dated : 3rd September, 2012**

Noel A. Harvey

SGS Australia Pty.Ltd



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**CLIENT: Shadforth Civil Engineering**  
**PROJECT: Lot 391, 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: S2/7242

**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 391 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 391 sloped to the right of the lot.

Lot 391 had up to 3.5m of fill, the deepest being to the right side of lot. Fill was over all the lot.

DATE	CLIENT NO.	LAB. NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
20-Feb-2012	28	S2/1069	Lot 391	E 320005.476, N 7357255.611	RL 40.025	101.0	0.0
13-Mar-2012	224	S2/1766	Lot 391	front/ff/path, E 320012.344, N 7357233.035	RL 40.779	99.5	-6.5
4-Apr-2012	266	S2/2236	Lot 391	E 320009.378, N 7357238.983	RL 41.650	99.0	0.5
10-Apr-2012	275	S2/2271	Lot 391	E 320006.464, N 7357231.702	RL 41.834	107.0	-7.0
10-May-2012	378	S2/2876	Lot 391	E 320002.600, N 7357245.889	RL 43.005	106.0	-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 391, Vantage stage 6&7 allotment fill.

Report No: S 0782-9  
Dated : 3rd September, 2012

Noel A. Harvey



SGS Australia Pty.Ltd



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**CLIENT:Shadforth Civil Engineering**  
**PROJECT: Lot 392, 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:S2/7243

**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 392Fill :**

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 392 sloped to the right of the lot.

Lot 392 had up to 4.5m of fill, the deepest being to the right side of lot. Fill was over all the lot.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
20-Feb-2012	27	S2/1068	Lot 392	E 320016.932, N 7357257.244	RL 37.794	99.5	0.0
21-Feb-2012	31	S2/1111	Lot 392	E 320025.058, N 7357244.413	RL 35.846	99.0	-2.5
5-Mar-2012	135	S2/1459	Lot 392	E 320039.317, N 7357239.578	RL 37.161	103.5	-1.5
8-Mar-2012	182	S2/1615	Lot 392	E 320017.985, N 7357242.826	RL 39.118	102.0	-3.0
9-Mar-2012	186b	S2/1654	Lot 392	E 320021.689, N 7357244.525	RL 38.938	98.5	-1.0
12-Mar-2012	207	S2/1723	Lot 392	E 320030.383, N 7357254.580	RL 38.532	100.5	-2.5
12-Mar-2012	212	S2/1728	Lot 392	E 320035.773, N 7357248.972	RL 38.972	96.5	-1.5
10-Apr-2012	276	S2/2272	Lot 392	E 320011.454, N 7357264.176	RL 41.205	106.5	-5.0
1-May-2012	340	S2/2697	Lot 392	E 320019.054, N 7357258.274	RL 41.179	104.5	-2.0
10-May-2012	379	S2/2877	Lot 392	E 320019.981, N 7357251.276	RL 41.719	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 392, Vantage stage 6&7 allotment fill.

**Report No:S 0782-10**  
**Dated :3rdSeptember,2012**

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**CLIENT:Shadforth Civil Engineering**  
**PROJECT: Lot 393, 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:S2/5232

**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; sheepsoot 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 393Fill :**

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 393 sloped to the front of the lot.

Fill was over all of the lot and up to 5m deep at the front.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
25-Feb-2012	74	S2/1277	Lot 393/394	E 320061.934, N 7357256.614	RL 34.452	95.5	-2.5
5-Mar-2012	135	S2/1459	Lot 392	E 320039.317, N 7357239.578	RL 37.161	103.5	-1.5
12-Mar-2012	207	S2/1723	Lot 392	E 320030.383, N 7357254.580	RL 38.532	100.5	-2.5
12-Mar-2012	212	S2/1728	Lot 392	E 320035.773, N 7357248.972	RL 38.972	96.5	-1.5
13-Mar-2012	220	S2/1762	Lot 393	E 320041.387, N 7357264.076	RL 38.683	101.0	-4.0
1-May-2012	340	S2/2697	Lot 392	E 320019.054, N 7357258.274	RL 41.179	104.5	-2.0
10-May-2012	380	S2/2878	Lot 393	E 320045.842, N 7357257.284	RL 39.510	107.0	-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 393, Vantage stage 6&7 allotment fill.

**Report No:S 0724-6**  
**Dated :5thAugust,2012**

Noel A.Harvey

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**CLIENT:Shadforth Civil Engineering**  
**PROJECT: Lot 394, 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 Woqandt of SGS Australia Pty.Ltd[Formerly Gladstone Testing].**

Laboratory Reference:S2/5231

**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 394Fill :**

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 394 sloped to the front of the lot.

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

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
21-Feb-2012	33	S2/1113	Lot 394	(Front bdry) E 320071.672, N 7357255.712	RL 31.925	98.5	-2.0
23-Feb-2012	57	S2/1213	Lot 394	front bdry, E 320081.159, N7357264.672	RL 32.847	99.5	-2.5
24-Feb-2012	62	S2/1244	Lot 394	E 320063.697, N 7357267.412	RL 33.892	100.0	-2.5
25-Feb-2012	74	S2/1277	Lot 393/394	E 320061.934, N 7357256.614	RL 34.452	95.5	-2.5
1-Mar-2012	84	S2/1309	Lot 394	E 320069.847, N 7357254.333	RL 34.358	101.5	-2.0
1-Mar-2012	92	S2/1317	Lot 394	E 320060.986, N 7357266.222	RL 35.058	105.5	-3.0
5-Mar-2012	124	S2/1448	Lot 394	E 320064.832, N 7357273.464	RL 35.914	100.0	-2.0
6-Mar-2012	142	S2/1511	Lot 394	E 320077.687, N 7357269.084	RL 35.784	99.5	-3.0
8-Mar-2012	171	S2/1604	Lot 394	E 320058.990, N 7357280.604	RL 37.289	100.5	-2.5
9-Mar-2012	190	S2/1658	Lot 394	E 320064.292, N 7357269.395	RL 37.505	99.0	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 394, Vantage stage 6&7 allotment fill.

**Report No:S 0724-5**  
**Dated :5thAugust,2012**

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**CLIENT: Shadforth Civil Engineering**  
**PROJECT: Lot 395, 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: S2/5230

**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 395 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 395 sloped to the front right of the lot.

Fill was over all of the lot and up to 4.5m deep in places.

DATE	CLIENT NO.	LAB. NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
22-Feb-2012	40	S2/1143	Lot 395	E 320085.168, N 7357276.687	RL 31.480	95.5	-0.5
24-Feb-2012	70	S2/1252	Lot 395	E 320093.900, N 7357288.595	RL 32.985	99.0	-2.5
25-Feb-2012	75	S2/1278	Lot 395	E 320089.032, N 7357277.896	RL 33.407	97.0	-2.5
3-Mar-2012	113	S2/1416	Lot 395	E 320085.622, N 7357275.411	RL 34.966	101.5	-2.0
8-Mar-2012	183	S2/1616	Lot 395	E 320066.934, N 7357287.304	RL 37.173	101.0	-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 395, Vantage stage 6&7 allotment fill.

**Report No: S 0724-4**  
**Dated : 5th August, 2012**

Noel A. Harvey

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**CLIENT:Shadforth Civil Engineering**  
**PROJECT: Lot 396, 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:S2/5229

**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 396Fill :**

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 396 sloped to the front of the lot.

Fill was over all of the lot and up to 4.5m deep in places.

There was a small gully along the left boundary where the deepest fill was.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
23-Feb-2012	51	S2/1207	Lot 396	E 320096.005, N 7357292.908	RL 31.722	98.0	-2.5
24-Feb-2012	64	S2/1246	Lot 396	E 320100.505, N 7357300.211	RL 32.560	97.5	-1.5
2-Mar-2012	108	S2/1375	Lot 396	E 320093.228, N 7357293.321	RL 34.251	102.5	-4.0
3-Mar-2012	114	S2/1417	Lot 396	E 320092.707, N 7357298.927	RL 34.681	97.0	-0.5
5-Mar-2012	132	S2/1456	Lot 396	E 320107.627, N 7357291.462	RL 34.471	104.5	-2.5
7-Mar-2012	166	S2/1557	Lot 396	E 320099.087, N 7357286.745	RL 35.630	97.0	-1.5
7-Mar-2012	167	S2/1558	Lot 396	E 320089.375, N 7357318.129	RL 35.818	98.5	-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 396, Vantage stage 6&7 allotment fill.

**Report No:S 0724-3**  
**Dated :5thAugust,2012**

Noel A.Harvey

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**CLIENT: Shadforth Civil Engineering**  
**PROJECT: Lot 425, 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: S2/5228

**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 425 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 425 sloped to the right of the lot.

Fill was over all of the lot and up to 1.5m deep in places.

DATE	CLIENT NO.	LAB. NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
2-Mar-2012	105	S2/1372	Lot 425	E 320132.294, N 7357321.483	RL 32.786	101.0	-1.0
3-Mar-2012	118	S2/1421	Lot 425	E 320138.997, N 7357338.876	RL 32.450	100.0	-2.0
5-Mar-2012	123	S2/1447	Lot 425	E 320134.077, N 7357331.955	RL 32.973	107.5	-7.0
7-Mar-2012	161	S2/1552	Lot 425	E 320118.659, N 7357327.981	RL 34.235	99.5	-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 425, Vantage stage 6&7 allotment fill.

Report No: S 0724-2  
Dated : 5th August, 2012

Noel A. Harvey



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**CLIENT: Shadforth Civil Engineering**  
**PROJECT: Lot 426, 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: S2/5220

**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 426 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 426 sloped to the rear of the lot.

Fill was over most of the lot and up to 1.5m deep in places.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
11-Apr-2012	280	S2/2291	Lot 426	E 320184.556, N 7357225.346	RL 35.687	100.0	-1.5
3-May-2012	362	S2/2759	Lot 426	18m from lot front, 8m from lot 310	final level	103.0	-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 426, Vantage stage 6&7 allotment fill.

**Report No: S 0723-13**  
**Dated : 5th August, 2012**

Noel A. Harvey



SGS Australia Pty.Ltd



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**CLIENT: Shadforth Civil Engineering**  
**PROJECT: Lot 427, 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: S2/5221

**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 427 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 427 sloped to the rear of the lot.

Fill was over all of the lot and up to 1.0m deep in places.

DATE	CLIENT NO.	LAB. NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
10-Apr-2012	272	S2/2268	Lot 427	E 320197.924, N 7357242.976	RL 33.222	100.0	-4.5
11-Apr-2012	279	S2/2290	Lot 427	E 320186.714, N 7357242.617	RL 34.529	102.5	-1.5
3-May-2012	361	S2/2758	Lot 427	18m from lot front, 8m from lot 426	final level	100.5	-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 427, Vantage stage 6&7 allotment fill.

**Report No: S 0723-14**  
**Dated : 5th August, 2012**

Noel A. Harvey



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**CLIENT: Shadforth Civil Engineering**  
**PROJECT: Lot 428, 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: S2/5222

**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 428 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 428 sloped to the rear of the lot.

Fill was over all of the lot and up to 1.0m deep in places.

DATE	CLIENT NO.	LAB. NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
11-Apr-2012	278	S2/2289	Lot 428	E 320189.092, N 7357255.881	RL 33.730	97.5	-3.0
3-May-2012	360	S2/2757	Lot 428	18m from lot front, 9m from lot 427	final level	107.5	-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 428, Vantage stage 6&7 allotment fill.

**Report No: S 0723-15**  
**Dated : 5th August, 2012**

Noel A. Harvey



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 Australia

**CLIENT: Shadforth Civil Engineering**  
**PROJECT: Lot 429, 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: S2/5223

**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 429 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 429 sloped to the left of the lot.

Fill was over all of the lot and up to 1.0m deep in places.

DATE	CLIENT NO.	LAB. NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
10-Apr-2012	273	S2/2269	Lot 429	E 320192.647, N 7357272.580	RL 31.285	100.5	-4.0
11-Apr-2012	277	S2/2288	Lot 429	E 320186.537, N 7357269.762	RL 33.271	96.5	0.0
3-May-2012	359	S2/2756	Lot 429	18m from lot front, 10m from lot 428	Final level	97.5	-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 429, Vantage stage 6&7 allotment fill.

**Report No: S 0723-16**  
**Dated : 5th August, 2012**

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**CLIENT: Shadforth Civil Engineering**  
**PROJECT: Lot 430, 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: S2/5224

**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 430 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 430 sloped to the left rear of the lot.

Fill was over all of the lot and up to 1.5m deep in places.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
28-Mar-2012	244	S2/2016	Lot 430	E 320183.560, N 7357290.374	RL 30.859	104.5	-4.0
16-Apr-2012	297	S2/2394	Lot 430	E 320193.466, N 7357295.103	RL 31.362	102.5	-9.0
17-Apr-2012	301	S2/2411	Lot 430	E 320199.709, N 7357289.913	RL 31.743	107.5	-4.5
3-May-2012	358	S2/2755	Lot 430	15m from lot front, 8m from lot 429	Final level	105.5	-10.0

**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 430, Vantage stage 6&7 allotment fill.

**Report No: S 0723-17**  
**Dated : 5th August, 2012**

Noel A. Harvey

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**CLIENT: Shadforth Civil Engineering**  
**PROJECT: Lot 431, 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: S2/5225

**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 431 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 431 sloped to the left rear of the lot.

Fill was over all of the lot and up to 1.8m deep in places.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
13-Apr-2012	294	S2/2379	Lot 431/432	E 320190.370, N 7357310.529	RL 29.541	95.5	-1.5
14-Apr-2012	295	S2/2382	Lot 431/432	E 320188.623, N 7357311.081	RL 30.215	99.5	-2.0
14-Apr-2012	296	S2/2383	Lot 431/432	E 320205.473, N 7357295.435	RL 30.395	97.0	-0.5
16-Apr-2012	298	S2/2395	Lot 431	E 320205.043, N 7357301.085	RL 30.542	105.0	-5.0
17-Apr-2012	300	S2/2410	Lot 431	E 320202.376, N 7357304.009	RL 31.287	107.0	-4.5
3-May-2012	357	S2/2754	Lot 431	15m from lot front, 8m from lot 430	Final level	100.0	-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 431, Vantage stage 6&7 allotment fill.

**Report No: S 0723-18**  
**Dated : 5th August, 2012**

Noel A. Harvey

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**CLIENT:Shadforth Civil Engineering**  
**PROJECT: Lot 432, 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:S2/5226

**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 432Fill :**

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 432 sloped to the left of the lot.

Fill was over all of the lot and up to 3.5m deep in places.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
12-Apr-2012	284	S2/2328	Lot 432	E 320195.655, N 7357319.275	RL 27.274	96.0	-1.5
12-Apr-2012	285	S2/2329	Lot 432	E 320201.060, N 7357323.333	RL 26.538	95.5	-2.0
12-Apr-2012	291	S2/2335	Lot 432	E 320196.301, N 7357327.518	RL 27.715	99.5	-3.5
12-Apr-2012	292	S2/2336	Lot 432	E 320190.118, N 7357316.362	RL 28.771	101.0	-3.5
13-Apr-2012	293	S2/2378	Lot 432	E 320205.273, N 7357318.218	RL 28.412	99.5	-2.0
13-Apr-2012	294	S2/2379	Lot 431/432	E 320190.370, N 7357310.529	RL 29.541	95.5	-1.5
14-Apr-2012	295	S2/2382	Lot 431/432	E 320188.623, N 7357311.081	RL 30.215	99.5	-2.0
14-Apr-2012	296	S2/2383	Lot 431/432	E 320205.473, N 7357295.435	RL 30.395	97.0	-0.5
17-Apr-2012	299	S2/2409	Lot 432	E 320198.830, N 7357319.094	RL 29.653	101.5	-2.0
3-May-2012	356	S2/2753	Lot 432	15m from lot front, 8m from lot 431	Final level	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 432, Vantage stage 6&7 allotment fill.

Report No:S 0723-19  
 Dated :5thAugust,2012

Noel A.Harvey

SGS Australia Pty.Ltd



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**CLIENT: Shadforth Civil Engineering**  
**PROJECT: Lot 434, 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: S2/5227

**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 434 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 434 sloped to the left of the lot.

Fill was over all of the lot and up to 1m deep in places.

Lot 425 was the lot at rear of Lot 434 and the 2 lot 425s shown are also relevant to lot 434 with compaction.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
3-Mar-2012	118	S2/1421	Lot 425	E 320138.997, N 7357338.876	RL 32.450	100.0	-2.0
5-Mar-2012	123	S2/1447	Lot 425	E 320134.077, N 7357331.955	RL 32.973	107.5	-7.0
9-Mar-2012	200	S2/1668	Lot 434	E 320148.2, N 7357352	RL 31.7589	101.0	-2.5

**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 434, Vantage stage 6&7 allotment fill.

**Report No: S 0724-1**  
**Dated : 5th August, 2012**

Noel A. Harvey

SGS Australia Pty.Ltd