

GLADSTONE TESTING

SOILS and CONCRETE MATERIALS TESTING

N.A.T.A. Accredited Laboratory No.1620
 Email:yovrah@hotmail.net.au
 Mail Address:P.O. Box 1146, Gladstone, 4680
 Laboratory Address:Shop 1, 16 Drove Street, Gladstone, 4680
 Phone 0749721455;FAX 0749727939
 Enquiries to:Noel Harvey.

CLIENT:Shadforth Civil Engineering
PROJECT: Lot 351, Vantage Estate stage 3,4&5
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:S1/3978

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.

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 351 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 351 sloped from the lot right to the lot left .

Fill was over all of the lot and was up to 6.5 metres deep at the deepest.

Lot 335 was the lot at rear of 351 & the test was close to boundary.

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
21-Jan-2011	43	S1/0181	Lot 351	Front bdry, E 319851.291, N 7357168.621	RL 38.906	96.5	-1.0
22-Jan-2011	50	S1/0207	Lot 335	E 319891.136, N 7357171.762	RL 44	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
22-Jan-2011	52	S1/0209	Lot 351	E 319858.416, N 7357166.311	RL 40.5	95.0	0.5
24-Jan-2011	56	S1/0219	Lot 351	E 319860.131, N 7357187.213	RL 39.4	97.0	-0.5
25-Jan-2011	59	S1/0233	Lot 351	E 319869.278, N 7357170.697	RL 42.595	97.0	0.5
27-Jan-2011	61	S1/0263	Lot 351(front bdry)	E 319853.763, N 7357166.639	RL 41.17	98.0	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 335/351bdry	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 351, Vantage stage 3;4&5 allotment fill.

Report No:S 0257-16
 Dated :8th October,2011



Noel A. Harvey

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Enquiries to:Noel Harvey.

CLIENT:Shadforth Civil Engineering

PROJECT: Lot 352, Vantage Estate stage 3;4&5

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:S1/3979

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.

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 352 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 352 sloped from the lot right to the lot left .

Fill was over most of the lot and was up to 3 metres deep at the deepest.

Lot 334 was the lot at rear of 352 & the test was close to boundary.

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 352, Vantage stage 3;4&5 allotment fill.

Report No:S 0257-17
Dated :8th October,2011



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Phone 0749721455;FAX 0749727939

Enquiries to:Noel Harvey.

CLIENT:Shadforth Civil Engineering

PROJECT: Lot 353, Vantage Estate stage 3;4&5

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:S1/3980

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.

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 353 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 353 sloped from the lot rear to the lot front .

Fill was over a small area at the lot front left and would be minimal 0.5metres fill

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
18-Feb-2011	163	S1/0834	Lot 353	E 319851.359, N 7357148.420	RL 41.936	100.0	1.5

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 353, Vantage stage 3;4&5 allotment fill.

Report No:S 0257-18
Dated :8th October,2011



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Enquiries to:Noel Harvey.

CLIENT:Shadforth Civil Engineering
PROJECT: Lot 355, Vantage Estate stage 3;4&5
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:S1/3981

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.

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 355 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 355 sloped from lot left to the lot right.

Fill was over the right half of the lot and was about 1 metre deep at the deepest.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
6-May-2011	255	S1/1849	Lot 355	E 319792,637, N 7357136,590	RL 34.916	96.0	-0.5
14-May-2011	272	S1/2002	Lot 355	E 319797,140; N 7357127,947	RL 35.663	95.0	0.5

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 355, Vantage stage 3;4&5 allotment fill.

Report No:S 0257-19
Dated :2nd October,2011



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Enquiries to:Noel Harvey.

CLIENT:Shadforth Civil Engineering
PROJECT: Lot 356, Vantage Estate stage 3;4&5
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:S1/3982

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.

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 356 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 356 sloped from lot rear to the lot front and was a corner lot.

Fill was over most of the lot and was about 3 metres deep at the deepest.

DATE	CLIENT NO.	LAB.NO	LOCATION	OFFSET	LEVEL	% COMP.	MOISTURE
5-Apr-2011	228	S1/1402	Lot 356	E 319763.465, N 7357138.757	RL 30.216	99.5	0.0
7-Apr-2011	234	S1/1479	rd Infront of L356/127b/dr	E 319747.167, N 7357118.675	RL 28.950	103.5	-2.5
12-Apr-2011	236	S1/1549	lot 356	E 319769.903, N 7357132.954	RL 30.762	98.5	0.5
13-Apr-2011	244	S1/1612	Lot 356	E 319757.205, N 7357142.093	RL 30.605	101.5	-1.0
14-Apr-2011	245	S1/1626	Lot 356	E 319771.432, N 7357133.994	RL 32.078	98.0	0.5
16-May-2011	277	S1/2014	Lot 356	E 319768.994; N 7357127.997	RL 33.320	100.0	-2.0

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 356, Vantage stage 3;4&5 allotment fill.

Report No:S 0257-20
Dated :2nd October,2011



Noel A. Harvey

Gladstone Testing