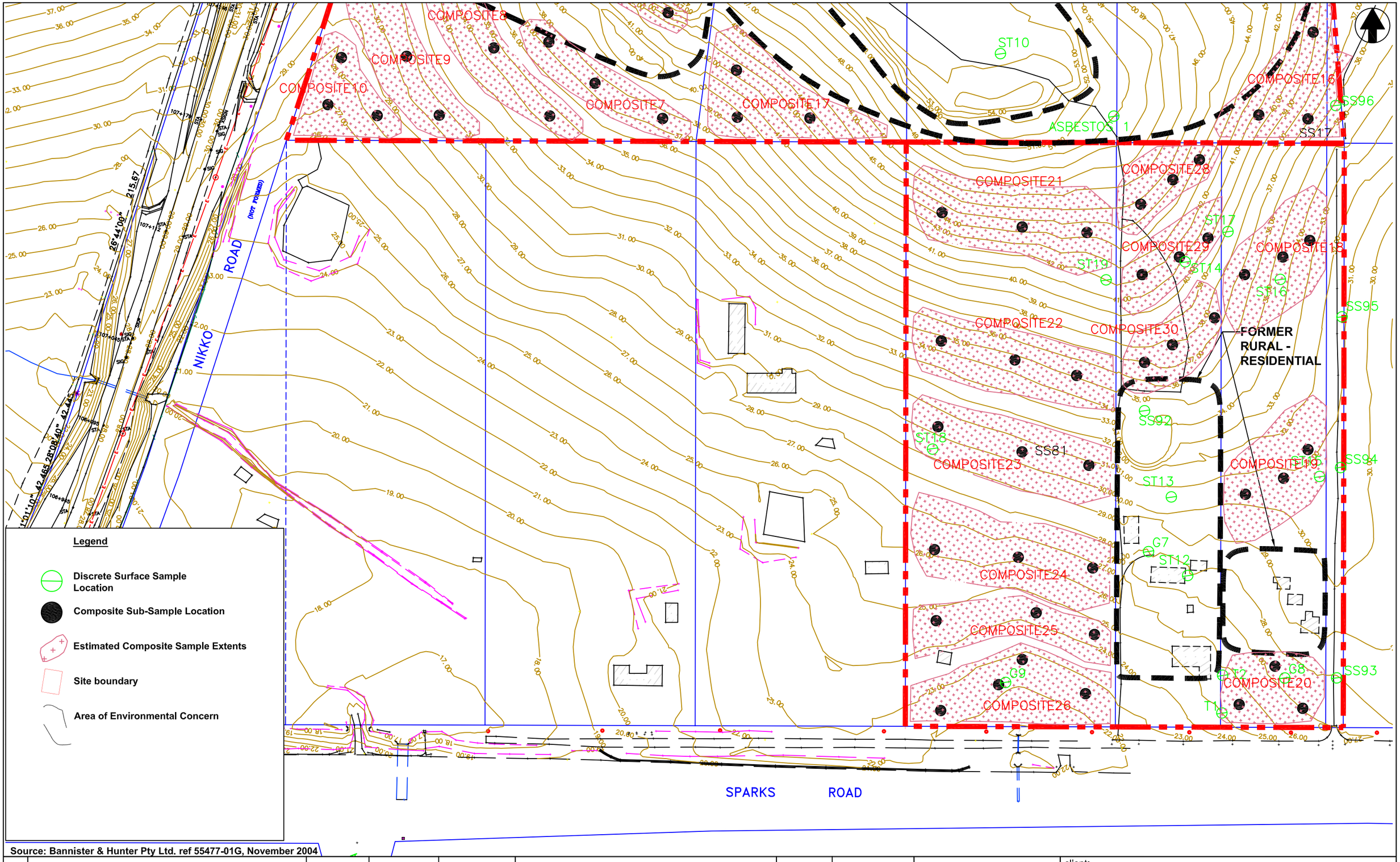


Legend

- Discrete Surface Sample Location
- Composite Sub-Sample Location
- Estimated Composite Sample Extents
- Site boundary
- Area of Environmental Concern

Source: Bannister & Hunter Pty Ltd. ref 55477-01G, November 2004

revision	description	drawn	approved	date

20 0 100

Scale (metres)

drawn	SD/SW
approved	
date	7/11/07
scale	1:2000
original size	A3

coffey geotechnics
SPECIALISTS MANAGING THE EARTH

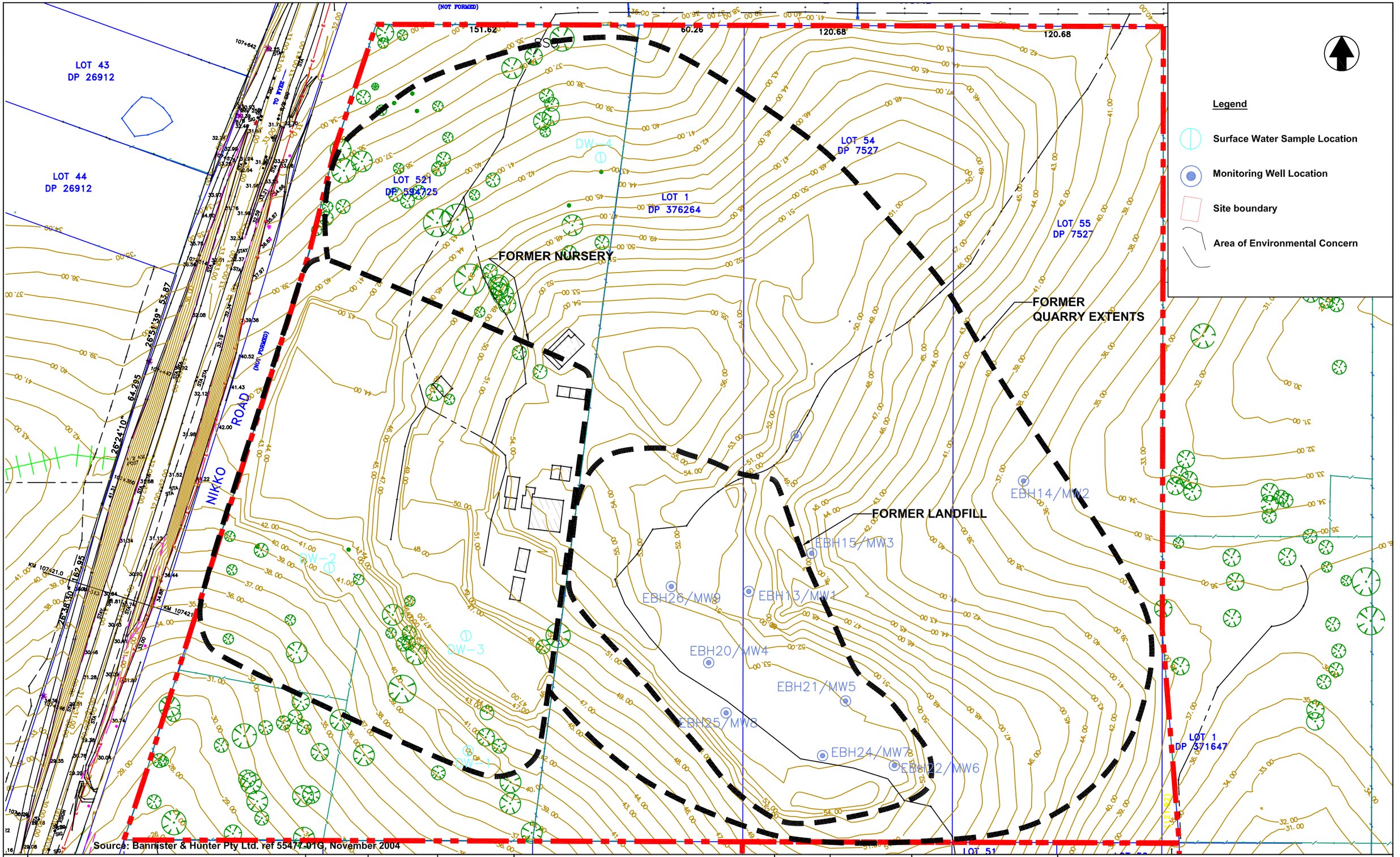
client: Wyong Shire Council

project: Proposed Warnervale Town Centre, Sparks Road, Woongarrah, NSW
Stage 2 Environmental Site Assessment

title: Surface Soil Investigation Locations Southern Lots

project no: GEOTKARI02021AA

figure no: Figure 9



Source: Bannister & Hunter Pty Ltd. ref 55477-01G, November 2004

revision	description	drawn	approved	date

20 0 100

Scale (metres)

drawn	SD/SW
approved	MD
date	31/03/08
scale	1:2000
original size	A3

coffey geotechnics
SPECIALISTS MANAGING THE EARTH

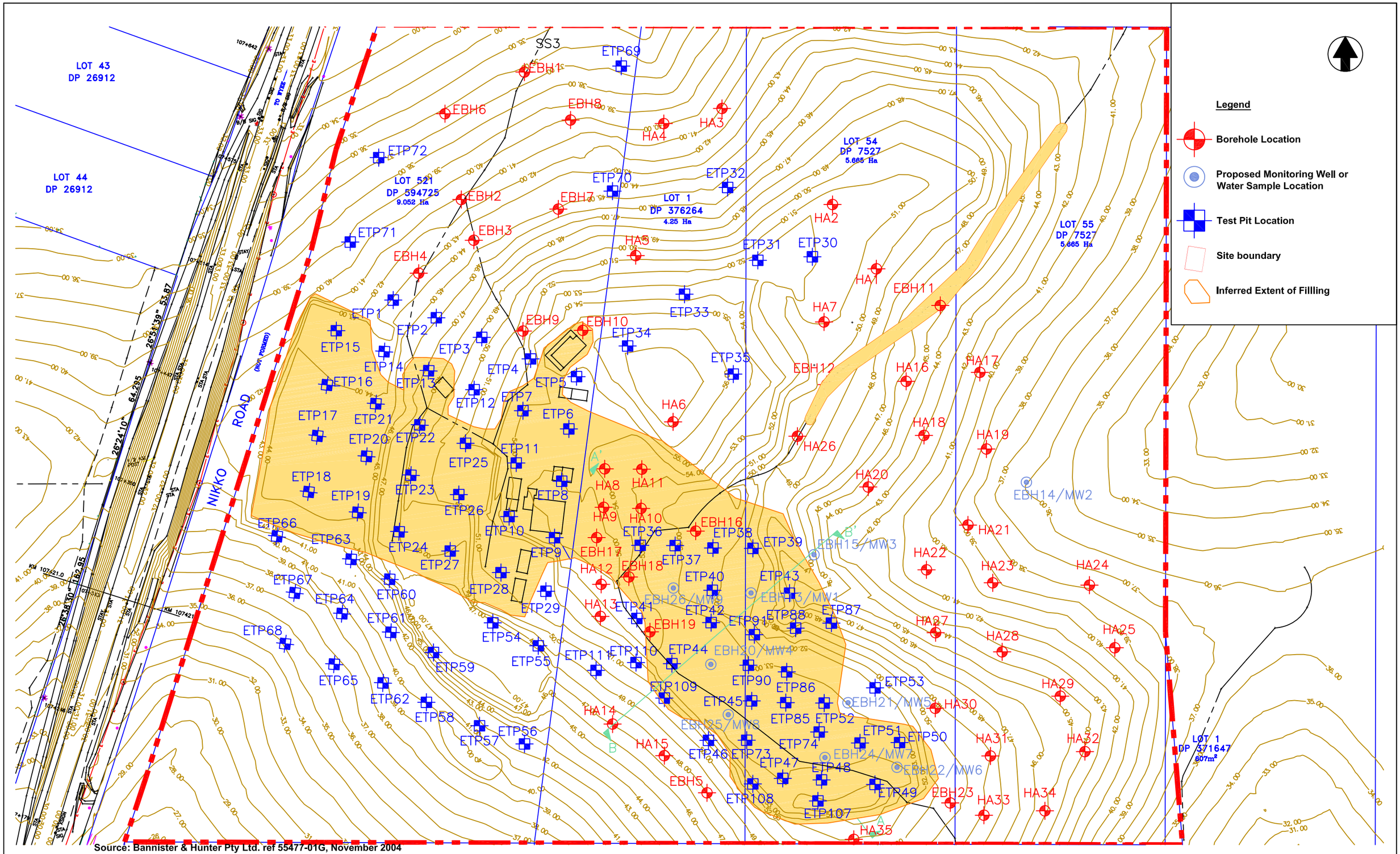
client: Wyong Shire Council

project: Proposed Warnervale Town Centre, Sparks Road, Woongarrah, NSW
Stage 2 Environmental Site Assessment

title: Water Investigation Locations

project no: GEOTKARI02021AA

figure no: Figure 10



Source: Bannister & Hunter Pty Ltd. ref 55477-01G, November 2004

revision	description	drawn	approved	date

20 0 100

Scale (metres)

drawn	SD/SW
approved	MD
date	31/03/08
scale	1:2000
original size	A3

coffey geotechnics
SPECIALISTS MANAGING THE EARTH

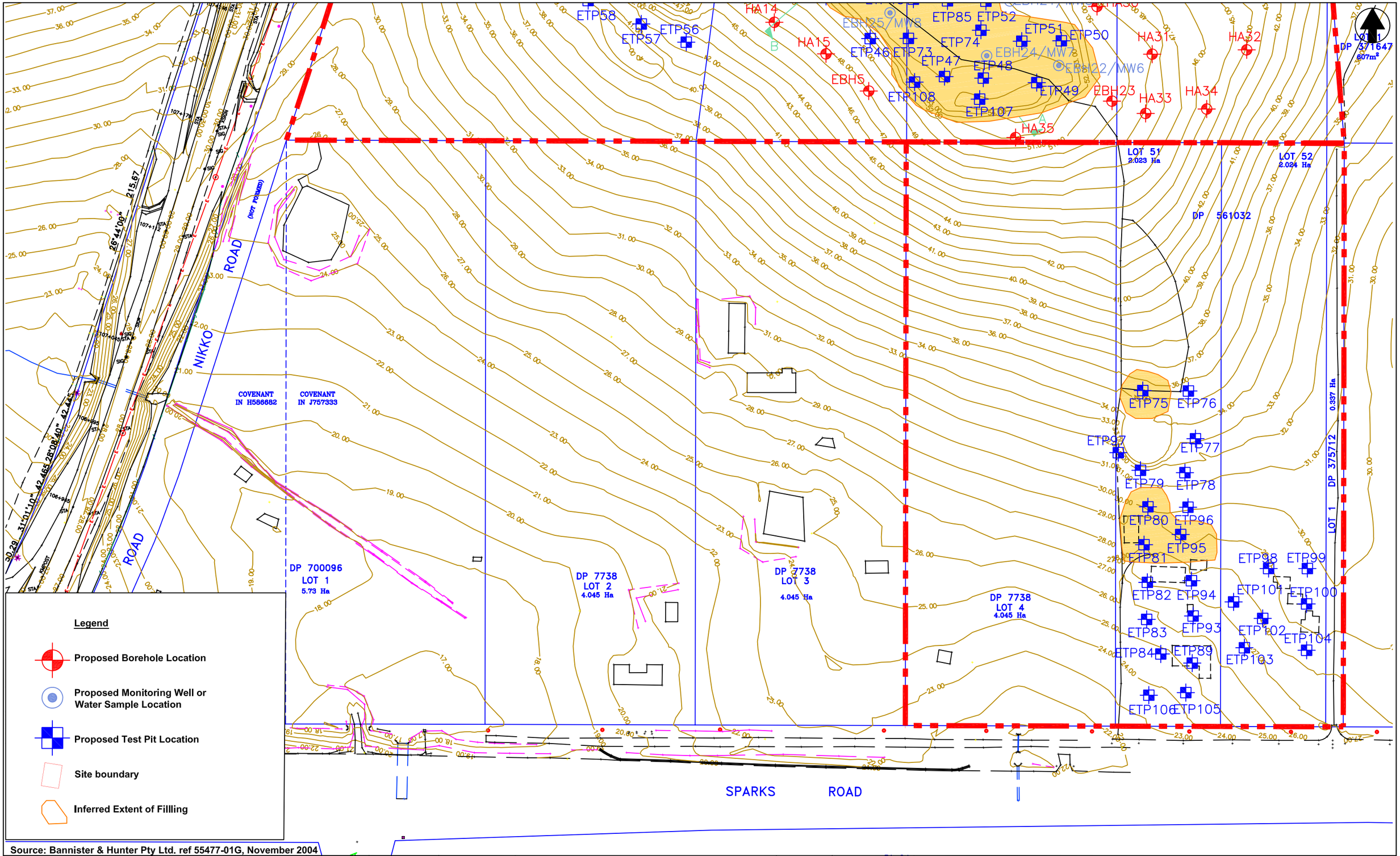
client: Wyong Shire Council

project: Proposed Warnervale Town Centre, Sparks Road, Woongarrah, NSW
Stage 2 Environmental Site Assessment

title: Inferred Extent of Filling
Northern Lots

project no: GEOTKARI02021AA

figure no: Figure 11



Source: Bannister & Hunter Pty Ltd. ref 55477-01G, November 2004

revision	description	drawn	approved	date

20 0 100

Scale (metres)

drawn	SD/SW
approved	MD
date	31/03/08
scale	1:2000
original size	A3

coffey geotechnics
SPECIALISTS MANAGING THE EARTH

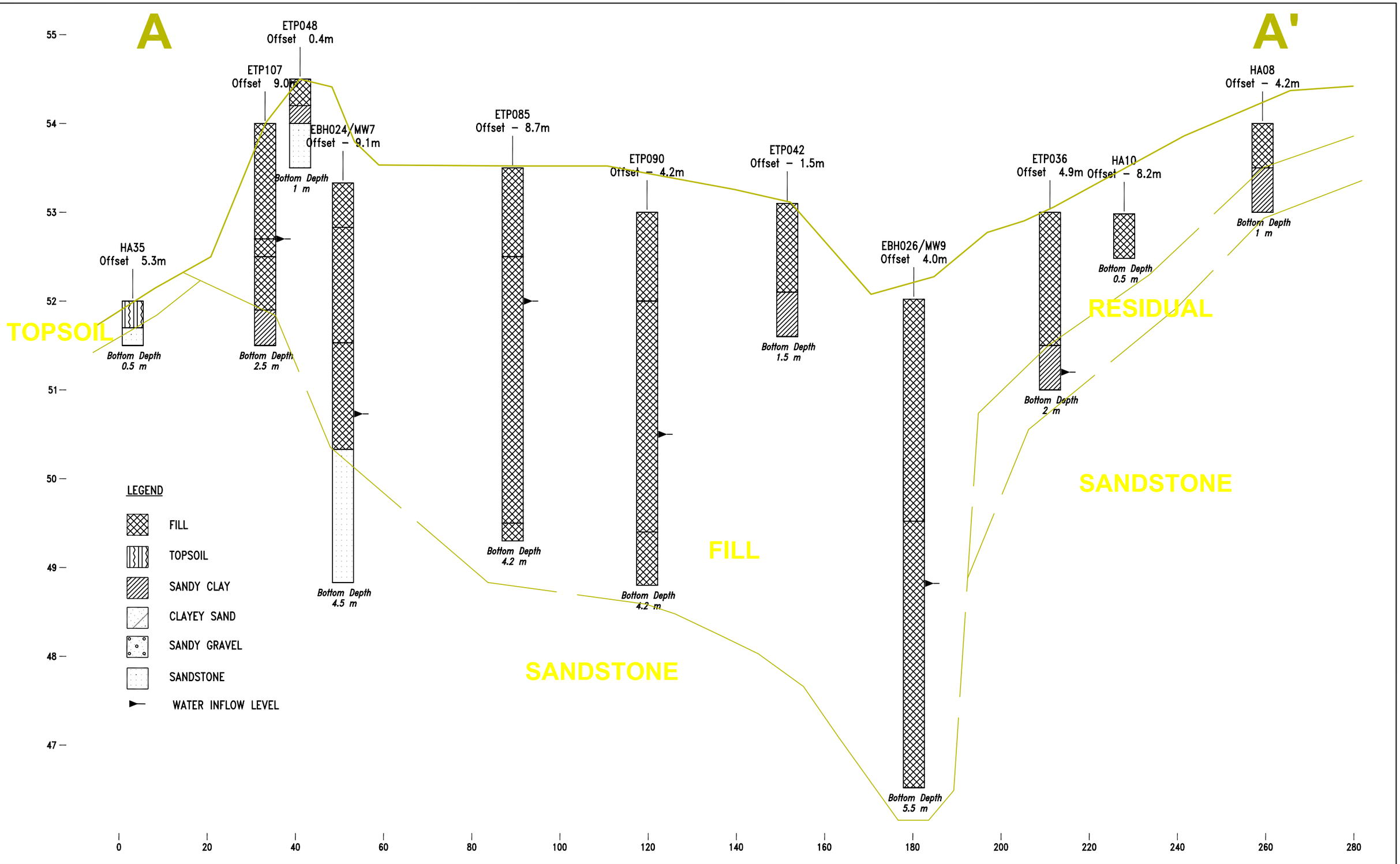
client: Wyong Shire Council

project: Proposed Warnervale Town Centre, Sparks Road, Woongarrah, NSW
Stage 2 Environmental Site Assessment

title: Inferred Extent of Filling
Southern Lots

project no: GEOTKARI02021AA

figure no: Figure 12



revision	description	drawn	approved	date

0 5 10 20 30
Horizontal Scale (metres)
0 5 10 20 30
Vertical Scale (metres)

drawn	SD/SW
approved	MD
date	31/03/08
scale	AS SHOWN
original size	A3

coffey geotechnics
SPECIALISTS MANAGING THE EARTH

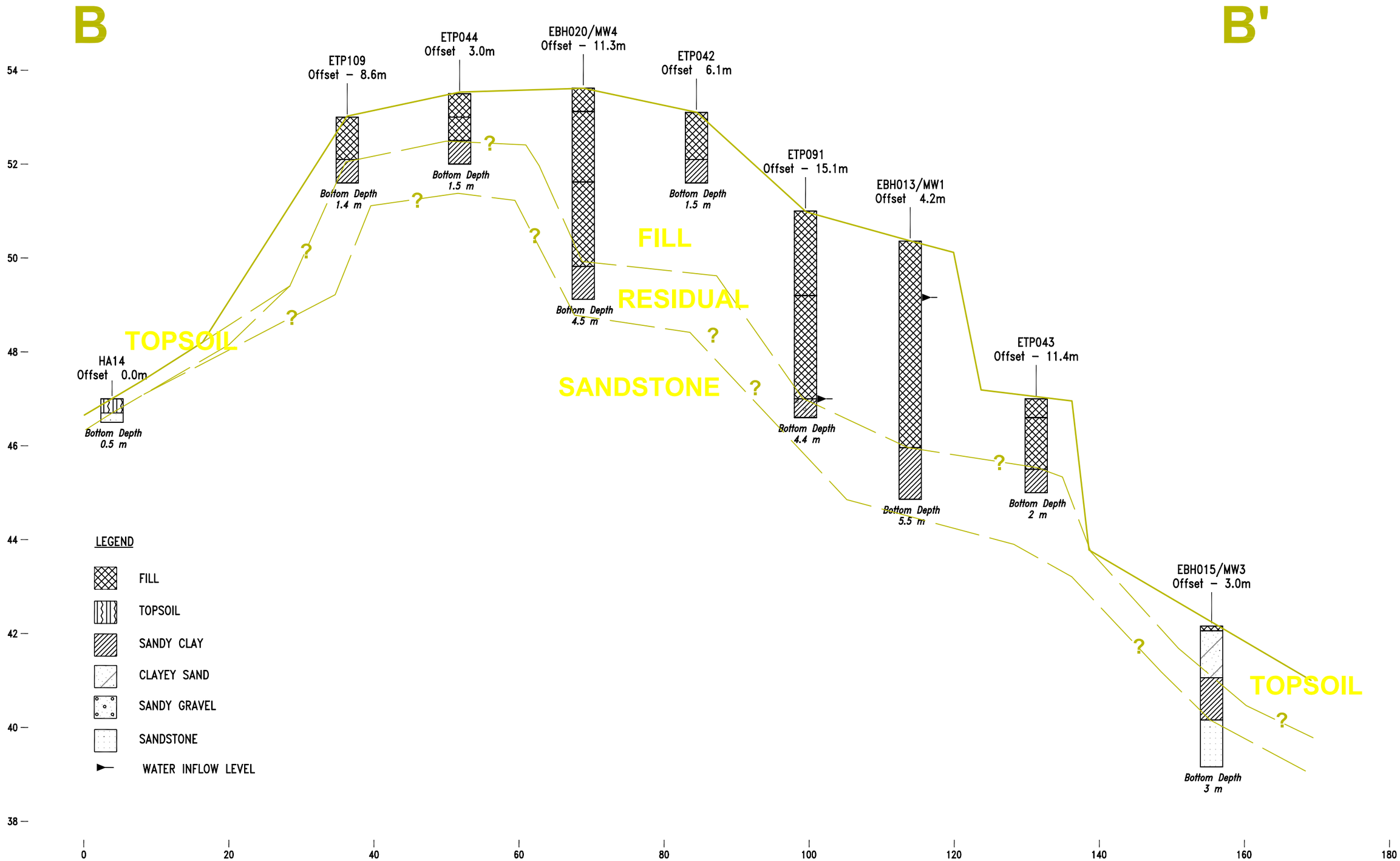
client: Wyong Shire Council

project: Proposed Warnervale Town Centre, Sparks Road, Woongarrah, NSW
Stage 2 Environmental Site Assessment

title: Inferred Geological Section A-A'

project no: GEOTKARI02021AA

drawing no:/figure no: Figure 13



revision	description	drawn	approved	date

Horizontal Scale (metres): 0 5 10 20 30

Vertical Scale (metres): 0 5 10 20 30

drawn	SD/SW
approved	MD
date	31/03/08
scale	AS SHOWN
original size	A3

coffey geotechnics
SPECIALISTS MANAGING THE EARTH

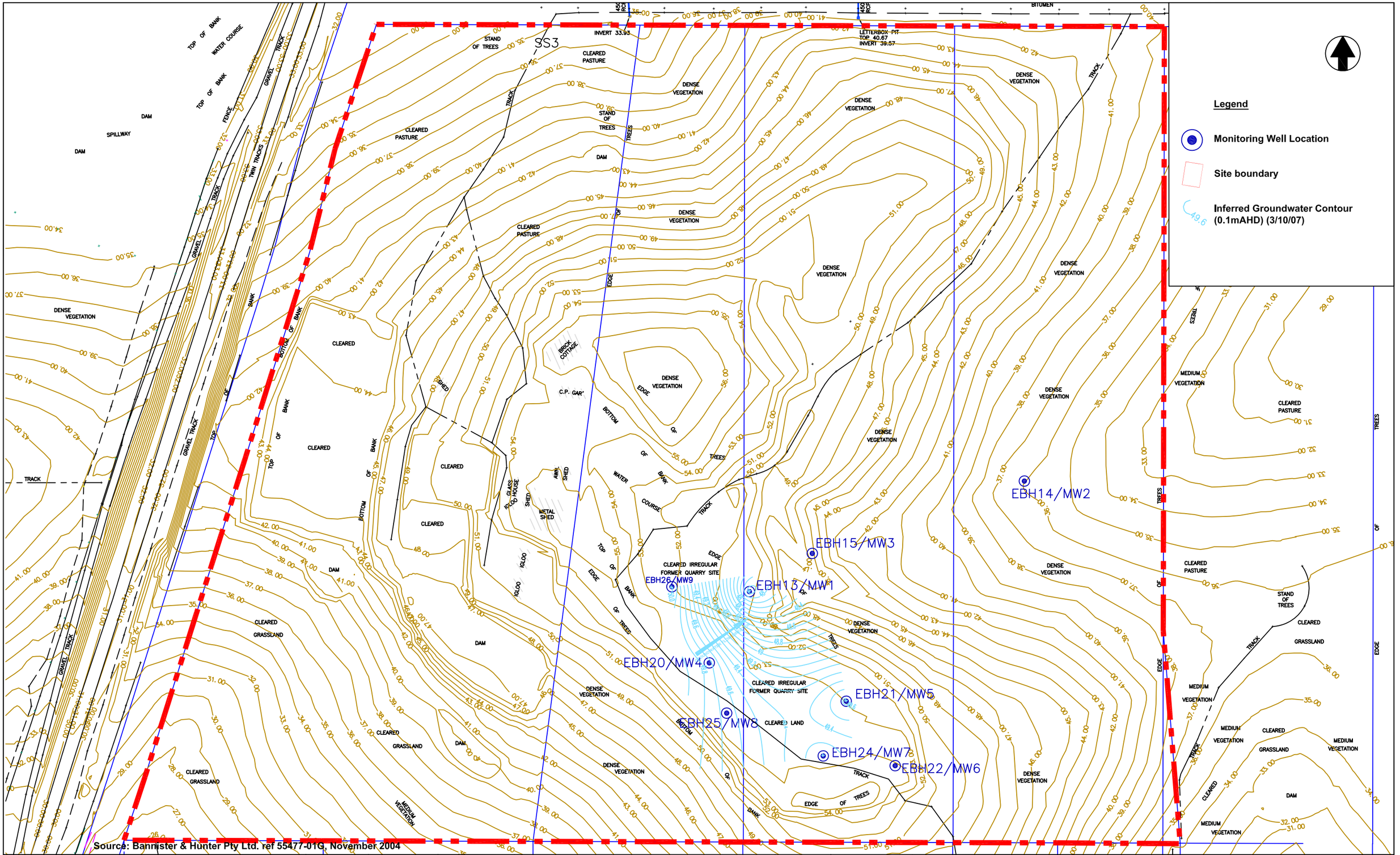
client: Wyong Shire Council

project: Proposed Warnervale Town Centre, Sparks Road, Woongarrah, NSW
Stage 2 Environmental Site Assessment

title: Inferred Geological Section B-B'

project no: GEOTKARI02021AA

drawing no:/figure no: Figure 14



Source: Bannister & Hunter Pty Ltd. ref 55477-01G, November 2004

revision	description	drawn	approved	date

20 0 100

Scale (metres)

drawn	SD/SW
approved	MD
date	31/03/08
scale	1:2000
original size	A3

coffey geotechnics
SPECIALISTS MANAGING THE EARTH

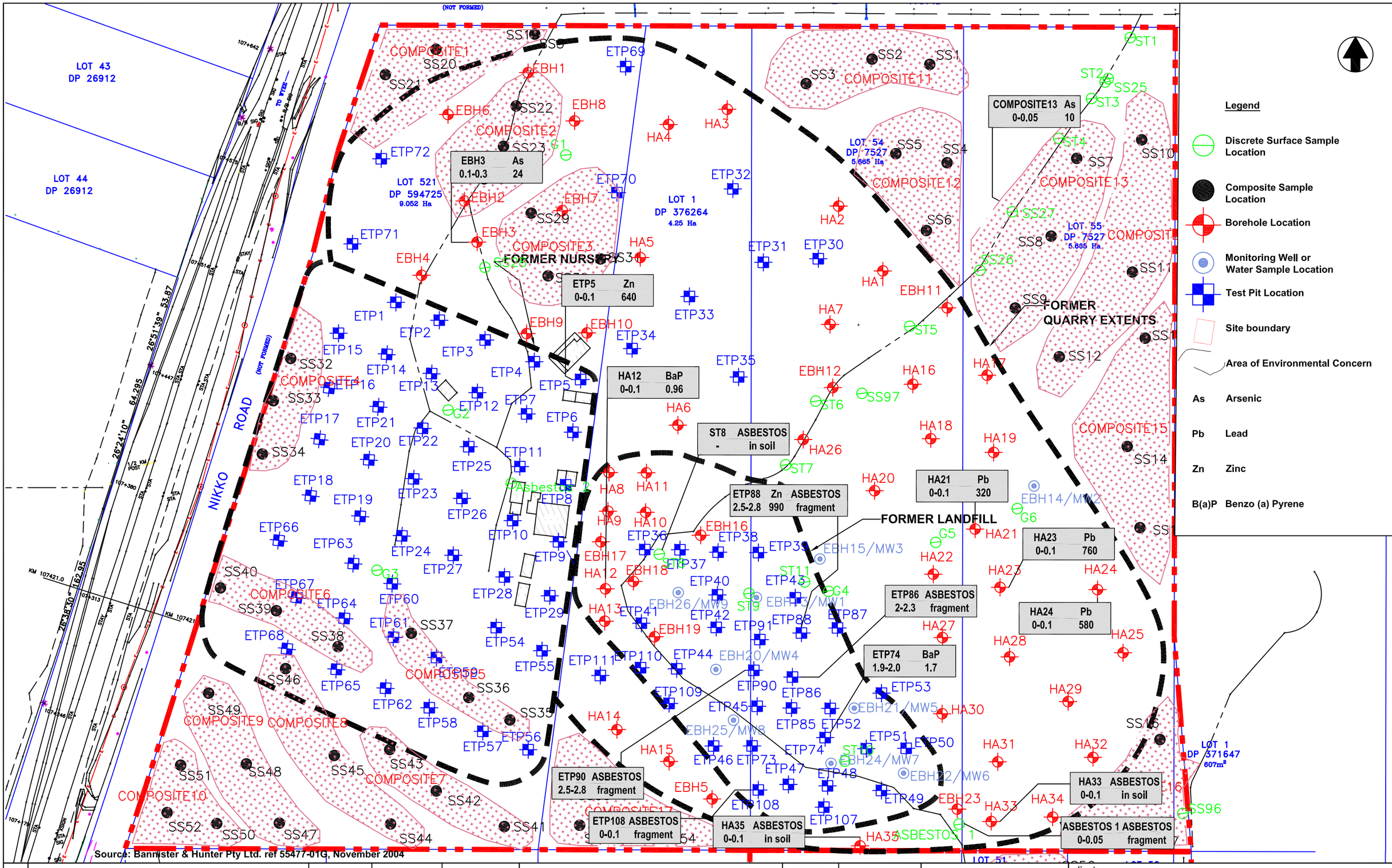
client: Wyong Shire Council

project: Proposed Warnervale Town Centre, Sparks Road, Woongarrah, NSW
Stage 2 Environmental Site Assessment

title: Inferred Groundwater Surface Contours

project no: GEOTKARI02021AA

figure no: Figure 15



revision	description	drawn	approved	date

drawn	SD/SW
approved	MD
date	31/3/08
scale	1:2000
original size	A3

coffey geotechnics
SPECIALISTS MANAGING THE EARTH

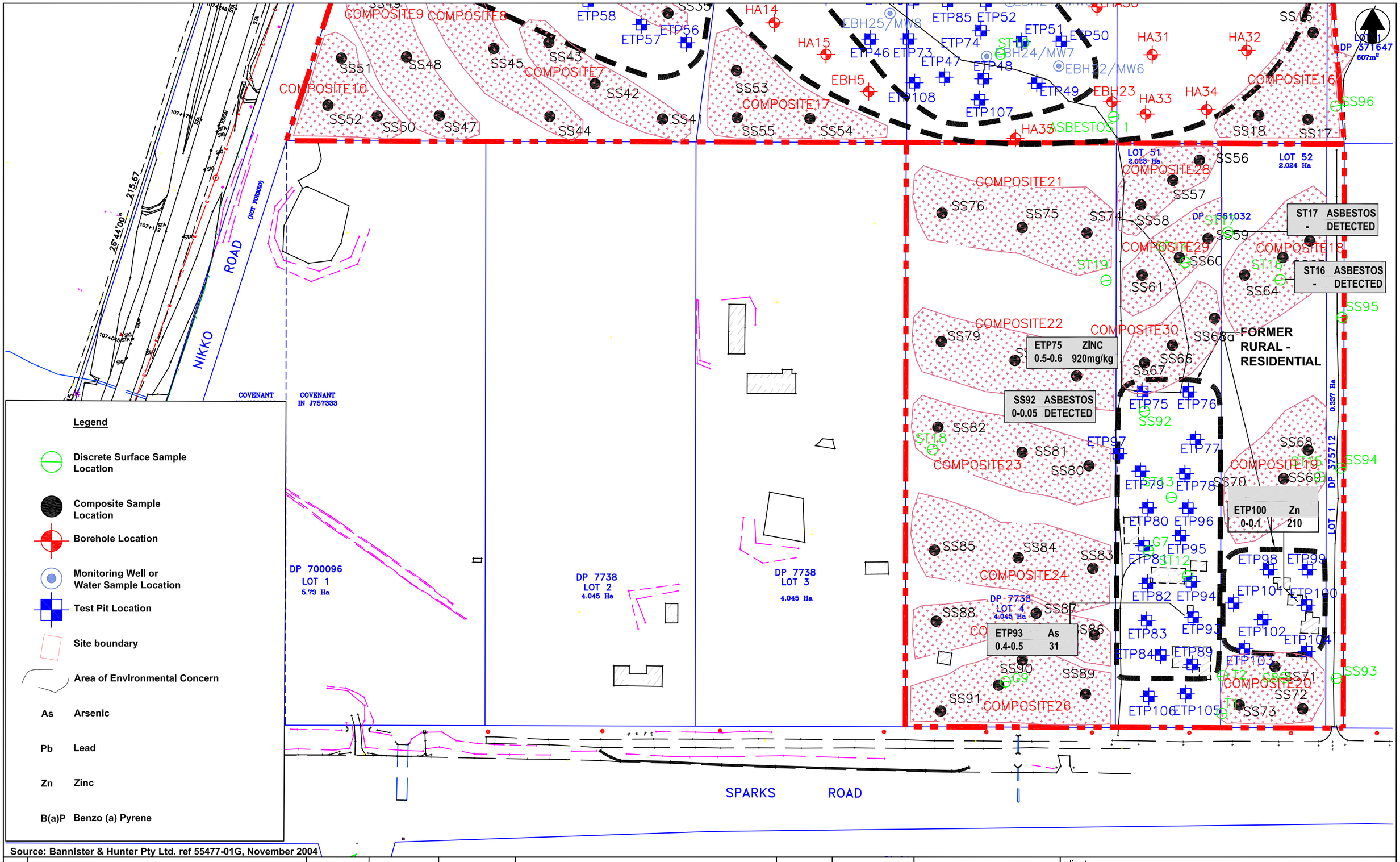
client: Wyong Shire Council

project: Proposed Warnervale Town Centre, Sparks Road, Woongarrah, NSW
Stage 2 Environmental Site Assessment

title: Soil Exceedances
Northern Lots

project no: GEOTKARI02021AA

figure no: Figure 16



Legend

- Discrete Surface Sample Location
- Composite Sample Location
- Borehole Location
- Monitoring Well or Water Sample Location
- Test Pit Location
- Site boundary
- Area of Environmental Concern
- As Arsenic
- Pb Lead
- Zn Zinc
- B(a)P Benzo (a) Pyrene

Source: Bannister & Hunter Pty Ltd. ref 55477-01G, November 2004

revision	description	drawn	approved	date

20 0 100

Scale (metres)

drawn	SD/SW
approved	MD
date	31/3/08
scale	1:2000
original size	A3

coffey geotechnics
SPECIALISTS MANAGING THE EARTH

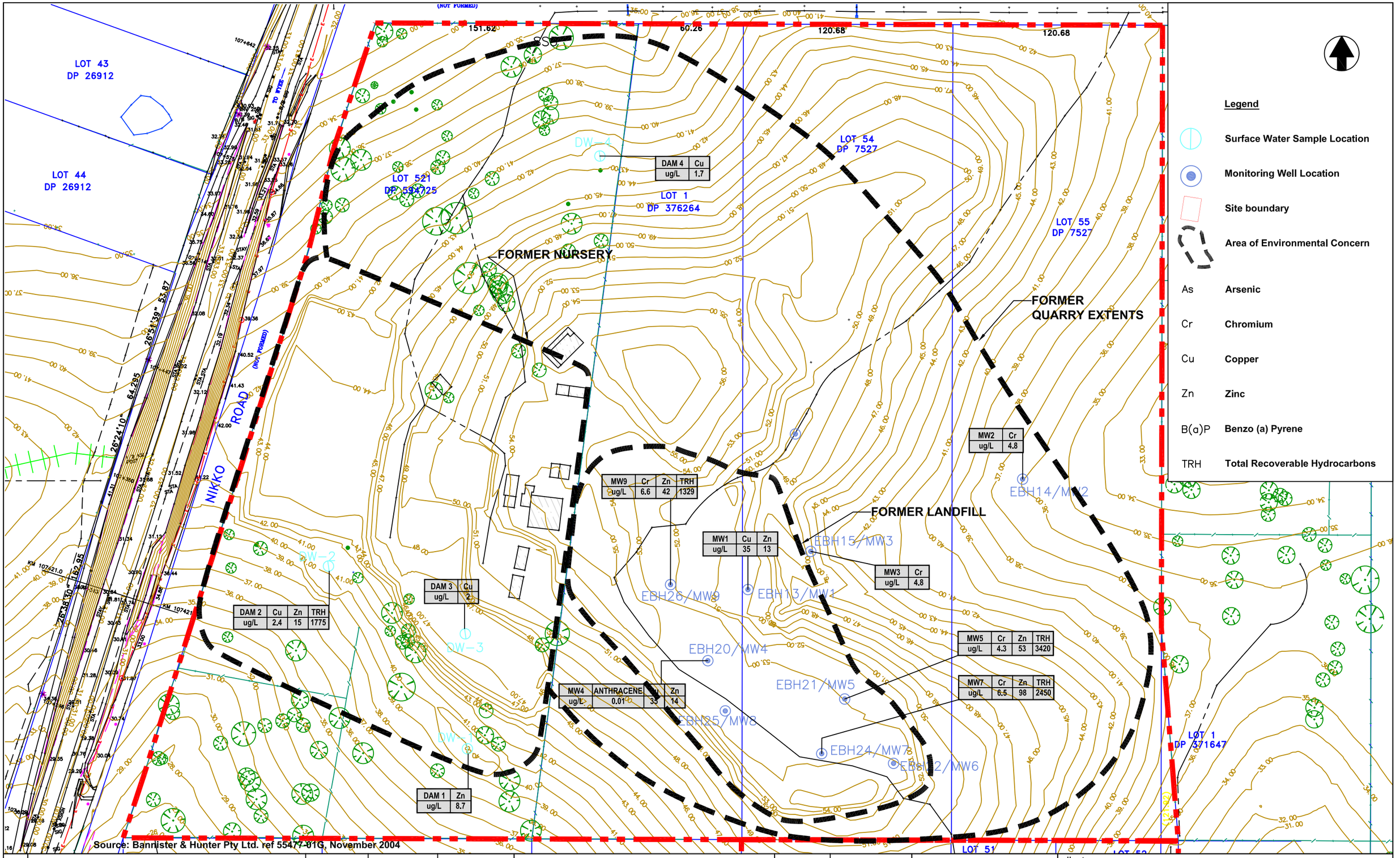
client: Wyong Shire Council

project: Proposed Warnervale Town Centre, Sparks Road, Woongarrah, NSW
Stage 2 Environmental Site Assessment

title: Soil Exceedances
Southern Lots

project no: GEOTKARI02021AA

figure no: Figure 17



Source: Bannister & Hunter Pty Ltd. ref 55477-01G, November 2004

revision	description	drawn	approved	date

20 0 100
Scale (metres)

drawn	SD/SW
approved	MD
date	31/03/08
scale	1:2000
original size	A3

coffey geotechnics
SPECIALISTS MANAGING THE EARTH

client: Wyong Shire Council

project: Proposed Warnervale Town Centre, Sparks Road, Woongarrah, NSW
Stage 2 Environmental Site Assessment

title: Water Exceedances

project no: GEOTKARI02021AA

figure no: Figure 18

Tables

Soil Laboratory Summary Tables - Index of Terms

EPA 1994	NSW EPA (1994) Soil Investigation Levels (Sensitive Landuse)
EIL	NSW DEC (2006) Interim Environmental Investigation Levels
HIL A	NSW DEC (2006) Human Health Investigation Levels (Residential)
HIL E	NSW DEC (2006) Human Health Investigation Levels (Open Space)
HIL F	NSW DEC (2006) Human Health Investigation Levels (Commercial/Industrial)
Adjusted EIL Composite	EIL Adjusted for composite of three samples
Adjusted HIL Composite	HILA Adjusted for composite of three samples
-	Not Analysed
<	Not recorded above laboratory practical quantitiation limit
nd	Not detected
BOLDED	Exceeds EIL and/or EPA 1994 Investigtaion Level
SHADED	Exceeds HILA A Investigtaion Level
SHADED AND ITALICISED	Exceeds HIL E Investigtaion Level
SHADED AND BOLDED	Exceeds HIL F Investigtaion Level

In order to reduce the size of tables, only those results for OCP, OPP, PCB, PAH, and VOC are summarised that recorded concentrations greater than the PQL or where an investigtaion level was available.

Water Laboratory Summary Tables - Index of Terms

ANZECC 95%	Anzecc (2000) Protection of Aquatic Ecosystems (95%)
ANZECC 99%	Anzecc (2000) Protection of Aquatic Ecosystems (99%)
ANZECC Irrig Lt	Anzecc (2000) Long Term Irrigation
NHMRC Drinking	NHMRC (2004) Drinking Water - health based
-	Not Analysed
<	Not recorded above laboratory practical quantitiation limit
nd	Not detected
BOLDED	Labortaory PQL exceeds lowest relevant guideline
SHADED	Concentration exceeds lowest relevant guideline

In order to reduce the size of tables, only those results for OCP, OPP, PCB, PAH, and VOC are summarised that recorded concentrations greater than the PQL or where an investigtaion level was available.

Summary of Composte Sample Investigation Criteria Adjustment
All criteria in mg/kg unless indicated

	PQL	BACKGROUND SAMPLE DETAILS			BACKGROUND SAMPLE STATS			UNADJUSTED VALIDATION CRITERIA		ADJUSTED VALIDATION CRITERIA PHYTOTOXICITY		ADJUSTED VALIDATION CRITERIA RESIDENTIAL	
Sample ID_Depth(m)	**mg/kg**	SS1	SS17	SS81	Min	Max	Avg			No. of Sub Samples		No. of Sub Samples	
Date of Sampling		19-Sep-07	20-Sep-07	20-Sep-07						3		3	
Depth (m)		0-0.05	0-0.05	0-0.05				Phytotox	Residential				
Location		Landfill	Lot55	Lot4									
HEAVY METALS													
Arsenic	3	4	<3	<3	4	4	4	20	100	((3-1)*4+20)/3=	**9**	((3-1)*4+100)/3=	**36**
Cadmium	0.1	0.1	0.1	<0.1	<0.1	0.1	0.10	3	20	((3-1)*0.1+3)/3=	**1**	((3-1)*0.1+20)/3=	**7**
Chromium	0.3	3.6	5.2	2.3	2.3	5.2	4	400	120000	((3-1)*4+400)/3=	**136**	3-1)*4+120000)/3=	**40002**
Copper	0.5	2.9	6.2	2.1	2.1	6.2	4	100	1000	((3-1)*4+100)/3=	**36**	((3-1)*4+1000)/3=	**336**
Lead	1	12	5	6	5	12	8	600	300	((3-1)*8+600)/3=	**205**	((3-1)*8+300)/3=	**105**
Mercury	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	1	15	1/3=	**0.3**	15/3=	**5**
Nickel	0.5	2.3	7.7	0.8	0.8	7.7	4	60	600	((3-1)*4+60)/3=	**22**	((3-1)*4+600)/3=	**202**
Zinc	0.3	14	11	7.7	7.7	14	11	200	7000	3-1)*11+200)/3=	**74**	(3-1)*11+7000)/3=	**2341**
OCP													
Heptachlor	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		10			10/3=	**3**
Aldrin + Dieldrin	0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2		10			10/3=	**3**
Chlordane-Trans + Cis	0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2		50			50/3=	**17**
DDT + DDD + DDE	0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3		200			200/3=	**67**
OPP													
Chlorpyrifos	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1						
Ethion	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1						
Fenitrothion	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1						
TOTAL PCBs	0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9		10			10/3=	**3**
PAH													
Benzo(a)pyrene	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05		1			1/3=	**0.3**
Total PAH	1.55	<1.55	<1.55	<1.55	<1.55	<1.55	<1.55		20			20/3=	**7**

Notes

Formula for adjusting vaidation criteria from NSW DEC (2005) Guidelines for Assessing Former Orchards and Market Gardens

Adjusted criteria = ((n-1)*background concentration+unadjusted critera)/n

Table LR1 - Summary of Soil Analytical Results - Composites

Field_ID					Composite1	Composite2	Composite3	Composite4	Composite5	Composite6	Composite7	Composite8	Composite9	Composite10	Composite11
Sample_Depth_Range					0.0-0.05	0.0-0.05	0.0-0.05	0.0-0.05	0.0-0.05	0.0-0.05	0.0-0.05	0.0-0.05	0.0-0.05	0.0-0.05	0.0-0.05
Sampled_Date-Time					18/09/2007	18/09/2007	18/09/2007	18/09/2007	18/09/2007	18/09/2007	19/09/2007	19/09/2007	19/09/2007	19/09/2007	19/09/2007
AEC					Nursery	Nursery	Nursery	Nursery	Nursery	Nursery	Nursery	Nursery	Nursery	Nursery	Landfill
Lot					Lot 521	Lot 521	Lot 521	Lot 521	Lot 521	Lot 521	Lot 521	Lot 521	Lot 521	Lot 521	Landfill
ChemName	**Units**	**EQL**	**Adjusted EIL Composite**	**Adjusted HIL A Composite**											
Metals															
Arsenic	mg/kg	3	9	36	<3	4	<3	4	<3	<3	<3	<3	<3	6	5
Cadmium	mg/kg	0.1	1	7	0.1	0.2	0.1	0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1
Chromium (total)	mg/kg	0.3	136	40002	4.9	11	6.4	6.2	5.2	2.1	1.7	1.7	1.7	2.8	3.8
Copper	mg/kg	0.5	36	336	4.3	3.4	5.3	4.6	2.3	2.4	1.1	2.2	1.8	1.9	3.1
Lead	mg/kg	1	205	105	8	11	8	8	6	4	3	5	6	4	14
Mercury	mg/kg	0.05	0.3	5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Nickel	mg/kg	0.5	22	202	1.6	1.7	1.2	1.4	0.8	0.8	<0.5	<0.5	0.6	0.5	1.8
Zinc	mg/kg	0.3	74	2341	25	15	22	12	6.9	8.4	3.5	4.2	5.9	5.2	10
OCP															
Aldrin + Dieldrin	mg/kg	0.2		3.3	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Chlordane	mg/kg	0.2		17	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
DDT+DDE+DDD	mg/kg	0.3		66.7	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Heptachlor	mg/kg	0.1		3.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
OPP															
Chlorpyrifos	mg/kg	0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Ethion	mg/kg	0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fenitrothion	mg/kg	0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Bromophos-ethyl	mg/kg	0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
PAH															
Benzo(a) pyrene	mg/kg	0.05		0.3	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
PAHs (Sum of total)	mg/kg	1.55		7	<1.55	<1.55	<1.55	<1.55	<1.55	<1.55	<1.55	<1.55	<1.55	<1.55	<1.65
PCB															
PCBs (Sum of total)	mg/kg	0.9		3	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9

Table LR1 - Summary of Soil Analytical Results - Composites

Field_ID					Composite12	Composite13	Composite14	Composite15	Composite16	Composite17	Composite18	Composite19	Composite20	Composite21
Sample_Depth_Range					0.0-0.05	0.0-0.05	0.0-0.05	0.0-0.05	0.0-0.05	0.0-0.05	0.0-0.05	0.0-0.05	0.0-0.05	0.0-0.05
Sampled_Date-Time					19/09/2007	19/09/2007	19/09/2007	19/09/2007	20/09/2007	20/09/2007	20/09/2007	20/09/2007	20/09/2007	20/09/2007
AEC					Landfill	Lot55	Lot55	Lot55	Lot55	Landfill	Lot 52	Lot 52	Lot 52	Lot 4
Lot					Landfill	Lot55	Lot55	Lot55	Lot55	Landfill	Lot 52	Lot 52	Lot 52	Lot 4
ChemName	**Units**	**EQL**	**Adjusted EIL Composite**	**Adjusted HIL A Composite**										
Metals														
Arsenic	mg/kg	3	9	36	5	**10**	3	4	3	7	5	7	<3	4
Cadmium	mg/kg	0.1	1	7	0.4	0.3	<0.1	0.1	<0.1	0.1	<0.1	0.1	<0.1	0.1
Chromium (total)	mg/kg	0.3	136	40002	13	6.6	2.4	6.3	3.7	8.5	2.2	5	2.1	3.5
Copper	mg/kg	0.5	36	336	3.8	2.9	1.8	2.4	2.7	0.95	1.3	4.1	2.9	1.4
Lead	mg/kg	1	205	105	19	15	4	7	5	7	7	13	7	6
Mercury	mg/kg	0.05	0.3	5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Nickel	mg/kg	0.5	22	202	4.2	1.4	0.91	0.95	2.1	<0.5	0.6	1.3	1	<0.5
Zinc	mg/kg	0.3	74	2341	24	23	4.9	8.6	7.1	3.6	5.8	46	19	5.5
OCP														
Aldrin + Dieldrin	mg/kg	0.2		3.3	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Chlordane	mg/kg	0.2		17	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
DDT+DDE+DDD	mg/kg	0.3		66.7	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Heptachlor	mg/kg	0.1		3.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
OPP														
Chlorpyrifos	mg/kg	0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Ethion	mg/kg	0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fenitrothion	mg/kg	0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Bromophos-ethyl	mg/kg	0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
PAH														
Benzo(a) pyrene	mg/kg	0.05		0.3	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
PAHs (Sum of total)	mg/kg	1.55		7	<1.55	<1.55	<1.55	<1.55	<1.55	<1.55	<1.55	<1.55	<1.55	<1.55
PCB														
PCBs (Sum of total)	mg/kg	0.9		3	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9

Table LR1 - Summary of Soil Analytical Results - Composites

Field_ID					Composite22	Composite23	Composite24	Composite25	Composite26	Composite28	Composite29	Composite30
Sample_Depth_Range					0.0-0.05	0.0-0.05	0.0-0.05	0.0-0.05	0.0-0.05	0.0-0.05	0.0-0.05	0.0-0.05
Sampled_Date-Time					20/09/2007	20/09/2007	20/09/2007	20/09/2007	20/09/2007	21/09/2007	21/09/2007	21/09/2007
AEC					Lot 4	Lot 4	Lot 4	Lot 4	Lot 4	Lot 51	Lot 51	Lot 51
Lot					Lot 4	Lot 4	Lot 4	Lot 4	Lot 4	Lot 51	Lot 51	Lot 51
ChemName	**Units**	**EQL**	**Adjusted EIL Composite**	**Adjusted HIL A Composite**								
Metals												
Arsenic	mg/kg	3	9	36	<3	3	<3	<3	<3	5	<3	<3
Cadmium	mg/kg	0.1	1	7	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1
Chromium (total)	mg/kg	0.3	136	40002	1.9	2.4	2.3	1.6	1.3	3	1.3	1.3
Copper	mg/kg	0.5	36	336	1.2	1.8	3.6	2.5	1.8	2.4	1.2	0.96
Lead	mg/kg	1	205	105	5	5	8	7	6	9.8	6	3
Mercury	mg/kg	0.05	0.3	5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Nickel	mg/kg	0.5	22	202	0.6	0.93	1.2	0.9	0.6	0.91	0.5	<0.5
Zinc	mg/kg	0.3	74	2341	3.2	6.4	20	13	11	24	5.3	2.6
OCP												
Aldrin + Dieldrin	mg/kg	0.2		3.3	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Chlordane	mg/kg	0.2		17	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
DDT+DDE+DDD	mg/kg	0.3		66.7	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Heptachlor	mg/kg	0.1		3.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
OPP												
Chlorpyrifos	mg/kg	0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Ethion	mg/kg	0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fenitrothion	mg/kg	0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Bromophos-ethyl	mg/kg	0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
PAH												
Benzo(a) pyrene	mg/kg	0.05		0.3	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
PAHs (Sum of total)	mg/kg	1.55		7	<1.55	<1.55	<1.55	<1.55	<1.55	<1.55	<1.55	<1.55
PCB												
PCBs (Sum of total)	mg/kg	0.9		3	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9

Table LR2 - Summary of Soil Analytical Results Lot 521 - Former Nursery

Field_ID								ETP1	ETP1	ETP2	ETP3	ETP3	ETP4	ETP5	ETP5	ETP6	ETP7	ETP7	ETP8
Sample_Depth_Range								0-0.1	0.4-0.5	0-0.1	0-0.1	0.4-0.5	0-0.1	0-0.1	0.4-0.5	0-0.1	0-0.1	0.4-0.5	0-0.1
Sampled_Date-Time								18/09/2007	18/09/2007	18/09/2007	18/09/2007	18/09/2007	18/09/2007	18/09/2007	18/09/2007	18/09/2007	18/09/2007	18/09/2007	18/09/2007
Purpose								Nursery	Nursery	Nursery	Nursery	Nursery	Nursery	Nursery	Nursery	Nursery	Nursery	Nursery	Nursery
Sample_Type								Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit
ChemName	**Units**	**EQL**	**EPA 1994**	**EIL**	**HIL A**	**HIL E**	**HIL F**	**NSW DoH**											
Inorganics																			
Cyanide Total	mg/kg	0.5			250	500	1250		<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	<0.5
Asbestos ID in soil	-							Detect	-	-	-	-	-	-	-	-	-	-	-	-
Asbestos ID in fragment	-							Detect	-	-	-	-	-	-	-	-	-	-	-	-
Metals																			
Arsenic	mg/kg	3		20	100	200	500		<3	10	5	<3	4	12	<3	6	9	<3	6	<3
Cadmium	mg/kg	0.1		3	20	40	100		0.2	0.3	0.3	0.1	<0.1	0.3	0.2	0.1	0.2	0.2	0.2	0.1
Chromium (total)	mg/kg	0.3		400	120000	240000	600000		13	41	14	5.9	17	19	6.3	21	11	6.3	23	5.6
Copper	mg/kg	0.5		100	1000	2000	5000		17	4.1	15	6.1	3.5	20	5.8	4.6	11	13	0.8	6.3
Lead	mg/kg	1		600	300	600	1500		59	7	25	11	4	40	20	4	8	5	5	5
Mercury	mg/kg	0.05		1	15	30	75		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Nickel	mg/kg	0.5		60	600	600	3000		18	2	7.7	1.7	<0.5	2.9	1.6	<0.5	4.1	10	0.96	5.7
Zinc	mg/kg	0.3		200	7000	14000	35000		76	6.8	110	57	2	11	**640**	33	41	39	3.2	28
OCP																			
Aldrin + Dieldrin	mg/kg	0.2			10	20	50		<0.2	-	<0.2	<0.2	-	<0.2	<0.2	-	<0.2	<0.2	-	<0.2
cis-Chlordane	mg/kg	0.1			50	100	250		<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1
trans-chlordane	mg/kg	0.1							<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	0.1
DDT+DDE+DDD	mg/kg	0.3			200	400	1000		<0.3	-	<0.3	<0.3	-	<0.3	<0.3	-	<0.3	<0.3	-	<0.3
Heptachlor	mg/kg	0.1			10	20	50		<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	0.2
OPP																			
Chlorpyrifos	mg/kg	0.1							<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1
Ethion	mg/kg	0.1							<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1
Fenitrothion	mg/kg	0.1							<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1
Bromophos-ethyl	mg/kg	0.1							<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1
PAH/Phenols																			
Benz(a)anthracene	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a) pyrene	mg/kg	0.05			1	2	5		-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)&(k)fluoranthene	mg/kg	0.2							-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-c,d)pyrene	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-	-
PAHs (Sum of total)	mg/kg	1.55			20	40	100		-	-	-	-	-	-	-	-	-	-	-	-
PCB																			
PCBs (Sum of total)	mg/kg	0.9			10	20	50		-	-	-	-	-	-	-	-	-	-	-	-
TRH																			
TRH C 6 - C 9 Fraction	mg/kg	20	65						-	-	-	-	-	-	-	-	-	-	-	-
TRH C10 - C14 Fraction	mg/kg	20							-	-	-	-	-	-	-	-	-	-	-	-
TRH C15 - C28 Fraction	mg/kg	50							-	-	-	-	-	-	-	-	-	-	-	-
TRH C29-C36 Fraction	mg/kg	50							-	-	-	-	-	-	-	-	-	-	-	-
TRH C10 - C36 (Sum of total)	mg/kg		1000						-	-	-	-	-	-	-	-	-	-	-	-

Table LR2 - Summary of Soil Analytical Results Lot 521 - Former Nursery

Field_ID									ETP8	ETP9	ETP9	ETP10	ETP11	ETP12	ETP13	ETP13	ETP14	ETP15	ETP15	ETP16
Sample_Depth_Range									0.4-0.5	0.4-0.5	0-0.1	0-0.1	0-0.1	0-0.1	0-0.1	0.4-0.5	0-0.1	0-0.1	0.4-0.5	0-0.1
Sampled_Date-Time									18/09/2007	18/09/2007	18/09/2007	18/09/2007	18/09/2007	18/09/2007	18/09/2007	18/09/2007	18/09/2007	18/09/2007	18/09/2007	18/09/2007
Purpose									Nursery	Nursery	Nursery	Nursery	Nursery	Nursery	Nursery	Nursery	Nursery	Nursery	Nursery	Nursery
Sample_Type									Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit
ChemName	**Units**	**EQL**	**EPA 1994**	**EIL**	**HIL A**	**HIL E**	**HIL F**	**NSW DoH**												
Inorganics																				
Cyanide Total	mg/kg	0.5			250	500	1250		-	-	<0.5	<0.5	<0.5	-	-	-	<0.5	-	-	-
Asbestos ID in soil	-							Detect	-	-	-	nd	nd	-	-	-	-	-	-	-
Asbestos ID in fragment	-							Detect	-	-	-	-	-	-	-	-	-	-	-	-
Metals																				
Arsenic	mg/kg	3		20	100	200	500		6	4	3	<3	5	6	<3	<3	<3	5	3	<3
Cadmium	mg/kg	0.1		3	20	40	100		0.1	<0.1	<0.1	0.2	0.3	0.2	0.2	0.2	0.1	0.2	0.2	<0.1
Chromium (total)	mg/kg	0.3		400	120000	240000	600000		16	15	12	8.4	28	8.1	9.4	20	8.5	21	22	2.8
Copper	mg/kg	0.5		100	1000	2000	5000		12	2.1	4.8	17	7	6.6	12	<0.5	0.7	2.8	1.3	8.8
Lead	mg/kg	1		600	300	600	1500		3	3	5	15	22	49	27	5	7	8	8	11
Mercury	mg/kg	0.05		1	15	30	75		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.08	0.1	<0.05
Nickel	mg/kg	0.5		60	600	600	3000		<0.5	<0.5	2	5.3	8	1.5	9.2	2.8	0.9	4	5.9	2.9
Zinc	mg/kg	0.3		200	7000	14000	35000		2.4	1.4	28	46	40	25	21	2.8	9.9	13	7.4	16
OCP																				
Aldrin + Dieldrin	mg/kg	0.2			10	20	50		-	-	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	-	<0.2
cis-Chlordane	mg/kg	0.1			50	100	250		-	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	-	<0.1
trans-chlordane	mg/kg	0.1							-	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	-	<0.1
DDT+DDE+DDD	mg/kg	0.3			200	400	1000		-	-	<0.3	<0.3	<0.3	<0.3	<0.3	-	<0.3	<0.3	-	<0.3
Heptachlor	mg/kg	0.1			10	20	50		-	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	-	<0.1
OPP																				
Chlorpyrifos	mg/kg	0.1							-	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	-	<0.1
Ethion	mg/kg	0.1							-	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	-	<0.1
Fenitrothion	mg/kg	0.1							-	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	-	<0.1
Bromophos-ethyl	mg/kg	0.1							-	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	-	<0.1
PAH/Phenols																				
Benz(a)anthracene	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a) pyrene	mg/kg	0.05			1	2	5		-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)&(k)fluoranthene	mg/kg	0.2							-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-c,d)pyrene	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-	-
PAHs (Sum of total)	mg/kg	1.55			20	40	100		-	-	-	-	-	-	-	-	-	-	-	-
PCB																				
PCBs (Sum of total)	mg/kg	0.9			10	20	50		-	-	-	-	-	-	-	-	-	-	-	-
TRH																				
TRH C 6 - C 9 Fraction	mg/kg	20	65						-	-	-	-	-	-	-	-	-	-	-	-
TRH C10 - C14 Fraction	mg/kg	20							-	-	-	-	-	-	-	-	-	-	-	-
TRH C15 - C28 Fraction	mg/kg	50							-	-	-	-	-	-	-	-	-	-	-	-
TRH C29-C36 Fraction	mg/kg	50							-	-	-	-	-	-	-	-	-	-	-	-
TRH C10 - C36 (Sum of total)	mg/kg		1000						-	-	-	-	-	-	-	-	-	-	-	-

Table LR2 - Summary of Soil Analytical Results Lot 521 - Former Nursery

Field_ID									ETP17	ETP17	ETP18	ETP18	ETP19	ETP20	ETP20	ETP21	ETP22	ETP22	ETP23	ETP24
Sample_Depth_Range									0-0.1	0.4-0.5	0-0.1	0.4-0.5	0-0.9	0-0.1	0.4-0.5	0-0.1	0-0.1	0.4-0.5	0-0.1	0-0.1
Sampled_Date-Time									18/09/2007	18/09/2007	19/09/2007	19/09/2007	19/09/2007	19/09/2007	19/09/2007	19/09/2007	19/09/2007	19/09/2007	19/09/2007	19/09/2007
Purpose									Nursery	Nursery	Nursery	Nursery	Nursery	Nursery	Nursery	Nursery	Nursery	Nursery	Nursery	Nursery
Sample_Type									Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit
ChemName	**Units**	**EQL**	**EPA 1994**	**EIL**	**HIL A**	**HIL E**	**HIL F**	**NSW DoH**												
Inorganics																				
Cyanide Total	mg/kg	0.5			250	500	1250		<0.5	-	-	-	<0.5	-	-	<0.5	-	-	<0.5	-
Asbestos ID in soil	-							Detect	-	-	-	-	-	-	-	-	-	-	-	-
Asbestos ID in fragment	-							Detect	-	-	-	-	-	-	-	-	-	-	-	-
Metals																				
Arsenic	mg/kg	3		20	100	200	500		<3	<3	<3	5	<3	<3	<3	13	<3	<3	3	<3
Cadmium	mg/kg	0.1		3	20	40	100		0.2	<0.1	0.2	0.2	0.1	0.1	<0.1	0.2	<0.1	<0.1	0.1	0.1
Chromium (total)	mg/kg	0.3		400	120000	240000	600000		10	4.1	7.7	8.9	3.7	6.1	2.5	9.6	5.7	5.7	11	7.5
Copper	mg/kg	0.5		100	1000	2000	5000		19	3.7	19	2.8	19	17	4.2	14	1.5	0.6	2.8	1.5
Lead	mg/kg	1		600	300	600	1500		16	3	15	5	12	10	1	9	6	5	7	5
Mercury	mg/kg	0.05		1	15	30	75		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Nickel	mg/kg	0.5		60	600	600	3000		12	1	6.2	1.4	4.1	6.5	0.6	15	0.7	0.6	1.4	0.7
Zinc	mg/kg	0.3		200	7000	14000	35000		52	6.8	37	13	31	20	5.7	47	3.8	2.1	9.5	5.3
OCP																				
Aldrin + Dieldrin	mg/kg	0.2			10	20	50		<0.2	-	<0.2	-	<0.2	<0.2	-	<0.2	<0.2	-	<0.2	<0.2
cis-Chlordane	mg/kg	0.1			50	100	250		<0.1	-	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1	<0.1
trans-chlordane	mg/kg	0.1							<0.1	-	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1	<0.1
DDT+DDE+DDD	mg/kg	0.3			200	400	1000		<0.3	-	<0.3	-	<0.3	<0.3	-	<0.3	<0.3	-	<0.3	<0.3
Heptachlor	mg/kg	0.1			10	20	50		<0.1	-	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1	<0.1
OPP																				
Chlorpyrifos	mg/kg	0.1							<0.1	-	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1	<0.1
Ethion	mg/kg	0.1							<0.1	-	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1	<0.1
Fenitrothion	mg/kg	0.1							<0.1	-	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1	<0.1
Bromophos-ethyl	mg/kg	0.1							<0.1	-	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1	<0.1
PAH/Phenols																				
Benz(a)anthracene	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a) pyrene	mg/kg	0.05			1	2	5		-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)&(k)fluoranthene	mg/kg	0.2							-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-c,d)pyrene	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-	-
PAHs (Sum of total)	mg/kg	1.55			20	40	100		-	-	-	-	-	-	-	-	-	-	-	-
PCB																				
PCBs (Sum of total)	mg/kg	0.9			10	20	50		-	-	-	-	-	-	-	-	-	-	-	-
TRH																				
TRH C 6 - C 9 Fraction	mg/kg	20	65						-	-	-	-	-	-	-	-	-	-	-	-
TRH C10 - C14 Fraction	mg/kg	20							-	-	-	-	-	-	-	-	-	-	-	-
TRH C15 - C28 Fraction	mg/kg	50							-	-	-	-	-	-	-	-	-	-	-	-
TRH C29-C36 Fraction	mg/kg	50							-	-	-	-	-	-	-	-	-	-	-	-
TRH C10 - C36 (Sum of total)	mg/kg		1000						-	-	-	-	-	-	-	-	-	-	-	-

Table LR2 - Summary of Soil Analytical Results Lot 521 - Former Nursery

Field_ID									ETP24	ETP25	ETP25	ETP26	ETP26	ETP27	ETP27	ETP28	ETP28	ETP29	ETP29	ETP54
Sample_Depth_Range									0.4-0.5	0-0.1	0.4-0.5	0-0.1	0.4-0.5	0-0.1	0.4-0.5	0-0.1	0.4-0.5	0-0.1	0.4-0.5	0-0.1
Sampled_Date-Time									19/09/2007	19/09/2007	19/09/2007	19/09/2007	19/09/2007	19/09/2007	19/09/2007	19/09/2007	19/09/2007	19/09/2007	19/09/2007	21/09/2007
Purpose									Nursery	Nursery	Nursery	Nursery	Nursery	Nursery	Nursery	Nursery	Nursery	Nursery	Nursery	Nursery
Sample_Type									Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit
ChemName	**Units**	**EQL**	**EPA 1994**	**EIL**	**HIL A**	**HIL E**	**HIL F**	**NSW DoH**												
Inorganics																				
Cyanide Total	mg/kg	0.5			250	500	1250		-	<0.5	-	-	-	<0.5	-	-	-	<0.5	-	-
Asbestos ID in soil	-							Detect	-	-	-	-	-	-	-	nd	-	-	-	-
Asbestos ID in fragment	-							Detect	-	-	-	-	-	-	-	-	-	-	-	-
Metals																				
Arsenic	mg/kg	3		20	100	200	500		6	<3	<3	<3	<3	<3	<3	5	8	3	<3	<3
Cadmium	mg/kg	0.1		3	20	40	100		0.4	0.1	<0.1	0.2	<0.1	0.2	<0.1	<0.1	0.1	<0.1	<0.1	<0.1
Chromium (total)	mg/kg	0.3		400	120000	240000	600000		25	9.2	10	6.6	5.6	5.6	2.4	10	15	11	8.9	3
Copper	mg/kg	0.5		100	1000	2000	5000		<0.5	13	<0.5	22	0.95	23	2.6	2	0.97	1.3	<0.5	1
Lead	mg/kg	1		600	300	600	1500		13	12	5	16	4	14	4	4	5	5	4	3
Mercury	mg/kg	0.05		1	15	30	75		<0.05	<0.05	0.08	<0.05	<0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Nickel	mg/kg	0.5		60	600	600	3000		1	6.5	<0.5	6.4	0.8	4	1.1	<0.5	0.5	0.5	<0.5	<0.5
Zinc	mg/kg	0.3		200	7000	14000	35000		5.3	35	0.8	43	5.6	49	4.8	13	3.6	7.3	2.1	3.1
OCP																				
Aldrin + Dieldrin	mg/kg	0.2			10	20	50		-	<0.2	-	<0.2	-	<0.2	-	<0.2	-	<0.2	-	<0.2
cis-Chlordane	mg/kg	0.1			50	100	250		-	<0.1	-	<0.1	-	<0.1	-	<0.1	-	<0.1	-	<0.1
trans-chlordane	mg/kg	0.1							-	<0.1	-	<0.1	-	<0.1	-	<0.1	-	<0.1	-	<0.1
DDT+DDE+DDD	mg/kg	0.3			200	400	1000		-	<0.3	-	<0.3	-	<0.3	-	<0.3	-	<0.3	-	<0.3
Heptachlor	mg/kg	0.1			10	20	50		-	<0.1	-	<0.1	-	<0.1	-	<0.1	-	<0.1	-	<0.1
OPP																				
Chlorpyrifos	mg/kg	0.1							-	<0.1	-	<0.1	-	<0.1	-	<0.1	-	<0.1	-	<0.1
Ethion	mg/kg	0.1							-	<0.1	-	<0.1	-	<0.1	-	<0.1	-	<0.1	-	<0.1
Fenitrothion	mg/kg	0.1							-	<0.1	-	<0.1	-	<0.1	-	<0.1	-	<0.1	-	<0.1
Bromophos-ethyl	mg/kg	0.1							-	<0.1	-	<0.1	-	<0.1	-	<0.1	-	<0.1	-	<0.1
PAH/Phenols																				
Benz(a)anthracene	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a) pyrene	mg/kg	0.05			1	2	5		-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)&(k)fluoranthene	mg/kg	0.2							-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-c,d)pyrene	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-	-
PAHs (Sum of total)	mg/kg	1.55			20	40	100		-	-	-	-	-	-	-	-	-	-	-	-
PCB																				
PCBs (Sum of total)	mg/kg	0.9			10	20	50		-	-	-	-	-	-	-	-	-	-	-	-
TRH																				
TRH C 6 - C 9 Fraction	mg/kg	20	65						-	-	-	-	-	-	-	-	-	-	-	-
TRH C10 - C14 Fraction	mg/kg	20							-	-	-	-	-	-	-	-	-	-	-	-
TRH C15 - C28 Fraction	mg/kg	50							-	-	-	-	-	-	-	-	-	-	-	-
TRH C29-C36 Fraction	mg/kg	50							-	-	-	-	-	-	-	-	-	-	-	-
TRH C10 - C36 (Sum of total)	mg/kg		1000						-	-	-	-	-	-	-	-	-	-	-	-

Table LR2 - Summary of Soil Analytical Results Lot 521 - Former Nursery

Field_ID									ETP54	ETP55	ETP56	ETP56	ETP57	ETP57	ETP58	ETP58	ETP59	ETP60	ETP60	ETP61
Sample_Depth_Range									0.4-0.5	0-0.1	0-0.1	0.4-0.5	0-0.1	0.4-0.5	0-0.1	0.4-0.5	0-0.1	0-0.1	0.4-0.5	0-0.1
Sampled_Date-Time									21/09/2007	21/09/2007	21/09/2007	21/09/2007	21/09/2007	21/09/2007	21/09/2007	21/09/2007	21/09/2007	21/09/2007	21/09/2007	21/09/2007
Purpose									Nursery	Nursery	Nursery	Nursery	Nursery	Nursery	Nursery	Nursery	Nursery	Nursery	Nursery	Nursery
Sample_Type									Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit
ChemName	**Units**	**EQL**	**EPA 1994**	**EIL**	**HIL A**	**HIL E**	**HIL F**	**NSW DoH**												
Inorganics																				
Cyanide Total	mg/kg	0.5			250	500	1250		-	<0.5	-	-	<0.5	-	-	-	<0.5	-	-	<0.5
Asbestos ID in soil	-							Detect	-	-	-	-	-	-	-	-	-	-	-	-
Asbestos ID in fragment	-							Detect	-	-	-	-	-	-	-	-	-	-	-	-
Metals																				
Arsenic	mg/kg	3		20	100	200	500		<3	<3	<3	4	<3	<3	3	3	<3	<3	<3	<3
Cadmium	mg/kg	0.1		3	20	40	100		<0.1	<0.1	0.1	0.2	<0.1	0.1	<0.1	0.2	<0.1	<0.1	<0.1	<0.1
Chromium (total)	mg/kg	0.3		400	120000	240000	600000		12	4.2	6.5	25	3.3	14	3.5	12	2.2	1.5	4.2	1.6
Copper	mg/kg	0.5		100	1000	2000	5000		<0.5	1	8.3	<0.5	0.8	0.6	1.7	1.6	1.4	1.7	5.1	1.8
Lead	mg/kg	1		600	300	600	1500		5	4	5	7	5	9	5	7	3	3	3	4
Mercury	mg/kg	0.05		1	15	30	75		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Nickel	mg/kg	0.5		60	600	600	3000		0.8	<0.5	6.3	3.2	<0.5	1	<0.5	0.95	<0.5	0.5	1.1	<0.5
Zinc	mg/kg	0.3		200	7000	14000	35000		3.1	9.3	30	2.9	3.4	3.9	4.8	5.6	7.8	4.8	5.8	5.5
OCP																				
Aldrin + Dieldrin	mg/kg	0.2			10	20	50		-	<0.2	<0.2	-	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2
cis-Chlordane	mg/kg	0.1			50	100	250		-	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1
trans-chlordane	mg/kg	0.1							-	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1
DDT+DDE+DDD	mg/kg	0.3			200	400	1000		-	<0.3	<0.3	-	<0.3	<0.3	<0.3	-	<0.3	<0.3	<0.3	<0.3
Heptachlor	mg/kg	0.1			10	20	50		-	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1
OPP																				
Chlorpyrifos	mg/kg	0.1							-	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1
Ethion	mg/kg	0.1							-	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1
Fenitrothion	mg/kg	0.1							-	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1
Bromophos-ethyl	mg/kg	0.1							-	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1
PAH/Phenols																				
Benz(a)anthracene	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a) pyrene	mg/kg	0.05			1	2	5		-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)&(k)fluoranthene	mg/kg	0.2							-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-c,d)pyrene	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-	-
PAHs (Sum of total)	mg/kg	1.55			20	40	100		-	-	-	-	-	-	-	-	-	-	-	-
PCB																				
PCBs (Sum of total)	mg/kg	0.9			10	20	50		-	-	-	-	-	-	-	-	-	-	-	-
TRH																				
TRH C 6 - C 9 Fraction	mg/kg	20	65						-	-	-	-	-	-	-	-	-	-	-	-
TRH C10 - C14 Fraction	mg/kg	20							-	-	-	-	-	-	-	-	-	-	-	-
TRH C15 - C28 Fraction	mg/kg	50							-	-	-	-	-	-	-	-	-	-	-	-
TRH C29-C36 Fraction	mg/kg	50							-	-	-	-	-	-	-	-	-	-	-	-
TRH C10 - C36 (Sum of total)	mg/kg		1000						-	-	-	-	-	-	-	-	-	-	-	-

Table LR2 - Summary of Soil Analytical Results Lot 521 - Former Nursery

Field_ID																		
Sample_Depth_Range									0-0.1	0.4-0.5	0-0.1	0-0.1	0.4-0.5	0-0.1	0-0.1	0.4-0.5	0-0.1	0-0.1	0.4-0.5	0-0.05
Sampled_Date-Time									21/09/2007	21/09/2007	21/09/2007	21/09/2007	21/09/2007	21/09/2007	21/09/2007	21/09/2007	21/09/2007	21/09/2007	21/09/2007	24/09/2007
Purpose									Nursery	Nursery	Nursery	Nursery	Nursery	Nursery	Nursery	Nursery	Nursery	Nursery	Nursery	Nursery
Sample_Type									Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Gully
ChemName	**Units**	**EQL**	**EPA 1994**	**EIL**	**HIL A**	**HIL E**	**HIL F**	**NSW DoH**												
Inorganics																				
Cyanide Total	mg/kg	0.5			250	500	1250		-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	-
Asbestos ID in soil	-							Detect	-	-	-	-	-	-	-	-	-	-	-	-
Asbestos ID in fragment	-							Detect	-	-	-	-	-	-	-	-	-	-	-	-
Metals																				
Arsenic	mg/kg	3		20	100	200	500		<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	7
Cadmium	mg/kg	0.1		3	20	40	100		<0.1	0.1	<0.1	<0.1	0.2	<0.1	<0.1	0.1	<0.1	0.1	0.1	0.3
Chromium (total)	mg/kg	0.3		400	120000	240000	600000		2.1	4.8	1.6	1.4	2.1	2	1.2	2.5	1.2	2.6	2.6	16
Copper	mg/kg	0.5		100	1000	2000	5000		2.1	12	2.5	1.8	0.7	3.4	2.5	3.8	2.4	4.5	3.7	1.6
Lead	mg/kg	1		600	300	600	1500		6	4	4	3	9.1	7	4	5	3	7	4	14
Mercury	mg/kg	0.05		1	15	30	75		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Nickel	mg/kg	0.5		60	600	600	3000		0.6	0.8	0.7	0.5	0.5	0.8	0.8	1.2	0.8	1.4	0.8	1.1
Zinc	mg/kg	0.3		200	7000	14000	35000		4.7	3.8	22	4.1	2.8	8.2	10	5.8	7	26	11	8.8
OCP																				
Aldrin + Dieldrin	mg/kg	0.2			10	20	50		<0.2	-	<0.2	<0.2	-	<0.2	<0.2	-	<0.2	<0.2	-	<0.2
cis-Chlordane	mg/kg	0.1			50	100	250		<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1
trans-chlordane	mg/kg	0.1							<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1
DDT+DDE+DDD	mg/kg	0.3			200	400	1000		<0.3	-	<0.3	<0.3	-	<0.3	<0.3	-	<0.3	<0.3	-	<0.3
Heptachlor	mg/kg	0.1			10	20	50		<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1
OPP																				
Chlorpyrifos	mg/kg	0.1							<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1
Ethion	mg/kg	0.1							<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1
Fenitrothion	mg/kg	0.1							<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1
Bromophos-ethyl	mg/kg	0.1							<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1
PAH/Phenols																				
Benz(a)anthracene	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-	<0.1
Benzo(a) pyrene	mg/kg	0.05			1	2	5		-	-	-	-	-	-	-	-	-	-	-	<0.05
Benzo(b)&(k)fluoranthene	mg/kg	0.2							-	-	-	-	-	-	-	-	-	-	-	<0.2
Benzo(g,h,i)perylene	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-	<0.1
Chrysene	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-	<0.1
Fluoranthene	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-	<0.1
Indeno(1,2,3-c,d)pyrene	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-	<0.1
Pyrene	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-	<0.1
PAHs (Sum of total)	mg/kg	1.55			20	40	100		-	-	-	-	-	-	-	-	-	-	-	<1.55
PCB																				
PCBs (Sum of total)	mg/kg	0.9			10	20	50		-	-	-	-	-	-	-	-	-	-	-	-
TRH																				
TRH C 6 - C 9 Fraction	mg/kg	20	65						-	-	-	-	-	-	-	-	-	-	-	<20
TRH C10 - C14 Fraction	mg/kg	20							-	-	-	-	-	-	-	-	-	-	-	<20
TRH C15 - C28 Fraction	mg/kg	50							-	-	-	-	-	-	-	-	-	-	-	<50
TRH C29-C36 Fraction	mg/kg	50							-	-	-	-	-	-	-	-	-	-	-	<50
TRH C10 - C36 (Sum of total)	mg/kg		1000						-	-	-	-	-	-	-	-	-	-	-	<120

Table LR2 - Summary of Soil Analytical Results Lot 521 - Former Nursery

Field_ID									G2	G3	Asbestos2
Sample_Depth_Range									0-0.05	0-0.05	0-0.05
Sampled_Date-Time									24/09/2007	24/09/2007	18/09/2007
Purpose									Nursery	Nursery	Nursery
Sample_Type									Gully	Gully	Surface
ChemName	**Units**	**EQL**	**EPA 1994**	**EIL**	**HIL A**	**HIL E**	**HIL F**	**NSW DoH**			
Inorganics											
Cyanide Total	mg/kg	0.5			250	500	1250		-	-	-
Asbestos ID in soil	-							Detect	-	-	-
Asbestos ID in fragment	-							Detect	-	-	nd
Metals											
Arsenic	mg/kg	3		20	100	200	500		5	5	-
Cadmium	mg/kg	0.1		3	20	40	100		0.2	0.2	-
Chromium (total)	mg/kg	0.3		400	120000	240000	600000		11	5.9	-
Copper	mg/kg	0.5		100	1000	2000	5000		1.1	3.3	-
Lead	mg/kg	1		600	300	600	1500		5	9	-
Mercury	mg/kg	0.05		1	15	30	75		<0.05	<0.05	-
Nickel	mg/kg	0.5		60	600	600	3000		1	1	-
Zinc	mg/kg	0.3		200	7000	14000	35000		5.8	19	-
OCP											
Aldrin + Dieldrin	mg/kg	0.2			10	20	50		<0.2	<0.2	-
cis-Chlordane	mg/kg	0.1			50	100	250		<0.1	<0.1	-
trans-chlordane	mg/kg	0.1							<0.1	<0.1	-
DDT+DDE+DDD	mg/kg	0.3			200	400	1000		<0.3	<0.3	-
Heptachlor	mg/kg	0.1			10	20	50		<0.1	<0.1	-
OPP											
Chlorpyrifos	mg/kg	0.1							<0.1	<0.1	-
Ethion	mg/kg	0.1							<0.1	<0.1	-
Fenitrothion	mg/kg	0.1							<0.1	<0.1	-
Bromophos-ethyl	mg/kg	0.1							<0.1	<0.1	-
PAH/Phenols											
Benz(a)anthracene	mg/kg	0.1							<0.1	0.1	-
Benzo(a) pyrene	mg/kg	0.05			1	2	5		<0.05	0.16	-
Benzo(b)&(k)fluoranthene	mg/kg	0.2							<0.2	0.3	-
Benzo(g,h,i)perylene	mg/kg	0.1							<0.1	0.1	-
Chrysene	mg/kg	0.1							<0.1	0.1	-
Fluoranthene	mg/kg	0.1							<0.1	0.3	-
Indeno(1,2,3-c,d)pyrene	mg/kg	0.1							<0.1	0.1	-
Pyrene	mg/kg	0.1							<0.1	0.2	-
PAHs (Sum of total)	mg/kg	1.55			20	40	100		<1.55	<2.06	-
PCB											
PCBs (Sum of total)	mg/kg	0.9			10	20	50		-	-	-
TRH											
TRH C 6 - C 9 Fraction	mg/kg	20	65						<20	<20	-
TRH C10 - C14 Fraction	mg/kg	20							<20	<20	-
TRH C15 - C28 Fraction	mg/kg	50							<50	63	-
TRH C29-C36 Fraction	mg/kg	50							<50	140	-
TRH C10 - C36 (Sum of total)	mg/kg		1000						<120	213	-

Table LR3 - Summary of Soil Analytical Results - Lot 521, Lot 1, Lot 54 and Lot 55 - Former Quarry

Field_ID								EBH1	EBH2	EBH2	EBH3	EBH4	EBH5	EBH6	EBH6	EBH7	EBH8	EBH9	EBH10
Sample_Depth_Range								0.05-0.2	0-0.2	0.5-0.8	0.1-0.3	0-0.2	0-0.1	0-0.2	0.5-0.8	0-0.2	0-0.2	0.1-0.3	0-0.2
Sampled_Date-Time								13/09/2007	13/09/2007	13/09/2007	13/09/2007	13/09/2007	27/09/2007	13/09/2007	13/09/2007	13/09/2007	13/09/2007	13/09/2007	13/09/2007
Purpose								Quarry	Quarry	Quarry	Quarry	Quarry	Quarry	Quarry	Quarry	Quarry	Quarry	Quarry	Quarry
Sample_Type								Borehole	Borehole	Borehole	Borehole	Borehole	Borehole	Borehole	Borehole	Borehole	Borehole	Borehole	Borehole
ChemName	**Units**	**EQL**	**EPA 1994**	**EIL**	**HIL A**	**HIL E**	**HIL F**	**NSW DoH**											
Inorganics																			
Cyanide Total	mg/kg	0.5			250	500	1250		-	-	-	-	-	-	-	-	-	-	-
Sulfate	mg/kg	2		2000															
Asbestos ID in soil	-							Detect	-	-	-	-	-	-	-	-	-	-	nd
Asbestos ID in fragment	-							Detect											
Metals																			
Arsenic	mg/kg	3		20	100	200	500		15	6	8	**24**	<3	<3	<3	<3	6	4	17	6
Cadmium	mg/kg	0.1		3	20	40	100		0.3	0.2	0.3	0.5	0.2	0.2	0.1	0.2	0.2	0.2	0.4	0.2
Chromium (total)	mg/kg	0.3		400	120000	240000	600000		21	10	22	28	13	5.2	4.5	14	12	16	23	13
Copper	mg/kg	0.5		100	1000	2000	5000		20	11	0.6	22	5.9	9.5	5.3	<0.5	4	<0.5	16	9.7
Lead	mg/kg	1		600	300	600	1500		15	9.4	9.6	7	7	73	6	7	9	6	8	8
Mercury	mg/kg	0.05		1	15	30	75		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Nickel	mg/kg	0.5		60	600	600	3000		2	4.9	0.7	2.1	4.8	6.1	1.1	0.8	1.5	0.9	0.92	2.5
Zinc	mg/kg	0.3		200	7000	14000	35000		7.7	30	4.4	6.5	17	31	39	3.3	16	3.1	6.3	30
OCP																			
Aldrin + Dieldrin	mg/kg	0.2			10	20	50		-	-	-	-	-	-	-	-	-	-	-	-
Chlordane	mg/kg	0.2			50	100	250		-	-	-	-	-	-	-	-	-	-	-	-
DDT+DDE+DDD	mg/kg				200	400	1000		-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor	mg/kg	0.1			10	20	50		-	-	-	-	-	-	-	-	-	-	-	-
OPP																			
Chlorpyrifos	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-	-
Ethion	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-	-
Fenitrothion	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-	-
Bromophos-ethyl	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-	-
PAH/Phenols																			
Benz(a)anthracene	mg/kg	0.1							<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1
Benzo(a) pyrene	mg/kg	0.05			1	2	5		<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	0.08
Benzo(b)&(k)fluoranthene	mg/kg	0.2							<0.2	<0.2	-	<0.2	<0.2	0.07	<0.2	-	<0.2	<0.2	<0.2	<0.2
Benzo(g,h,i)perylene	mg/kg	0.1							<0.1	<0.1	-	<0.1	<0.1	0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1
Chrysene	mg/kg	0.1							<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1
Fluoranthene	mg/kg	0.1							<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	0.2
Fluorene	mg/kg	0.1							<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1
Indeno(1,2,3-c,d)pyrene	mg/kg	0.1							<0.1	<0.1	-	<0.1	<0.1	0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1
Phenanthrene	mg/kg	0.1							<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1
Pyrene	mg/kg	0.1							<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	0.2
PAHs (Sum of total)	mg/kg	1.55			20	40	100		<1.55	<1.55	-	<1.55	<1.55	<1.57	<1.55	-	<1.55	<1.55	<1.55	<1.78
Phenols																			
Phenolics Total	mg/kg	0.5			8500	17000	42500		<0.5	<0.5	-	<0.5	<0.5		<0.5	-	0.6	<0.5	-	-
PCB																			
PCBs (Sum of total)	mg/kg	0.9			10	20	50		-	-	-	-	-		-	-	-	-	-	-
TRH																			
TRH C 6 - C 9 Fraction	mg/kg	20	65						<20	<20	-	<20	<20	<20	<20	-	<20	<20	<20	<20
TRH C10 - C14 Fraction	mg/kg	20							<20	<20	-	<20	<20	<20	<20	-	<20	<20	<20	<20
TRH C15 - C28 Fraction	mg/kg	50							<50	<50	-	<50	<50	<50	<50	-	<50	<50	<50	<50
TRH C29-C36 Fraction	mg/kg	50							<50	<50	-	140	<50	<50	<50	-	<50	<50	<50	<50
TRH C10 - C36 (Sum of total)	mg/kg		1000						<120	<120	-	175	<120	<120	<120	-	<120	<120	<120	<120
BTEX																			
Benzene	mg/kg	0.5	1						<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	mg/kg	0.5	3.1						<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
Toluene	mg/kg	0.5	1.4						<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
Xylene Total	mg/kg	1.5	14						<1.5	<1.5	-	<1.5	<1.5	<1.5	<1.5	-	<1.5	<1.5	<1.5	<1.5

Table LR3 - Summary of Soil Analytical Results - Lot 521, Lot 1, Lot 54 and Lot 55 - Former Quarry

Field_ID								EBH10	EBH11	EBH12	EBH14	EBH15	EBH15	EBH23	ETP30	ETP31	ETP31	ETP32	ETP33
Sample_Depth_Range								0.5-0.6	0-0.1	0-0.1	0-0.1	0-0.1	0.5-0.95	0-0.1	0-0.1	0-0.1	0.4-0.5	0-0.1	0-0.1
Sampled_Date-Time								13/09/2007	14/09/2007	14/09/2007	14/09/2007	14/09/2007	14/09/2007	17/09/2007	19/09/2007	19/09/2007	19/09/2007	19/09/2007	19/09/2007
Purpose								Quarry	Quarry	Quarry	Quarry	Quarry	Quarry	Quarry	Quarry	Quarry	Quarry	Quarry	Quarry
Sample_Type								Borehole	Borehole	Borehole	Borehole	Borehole	Borehole	Borehole	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit
ChemName	**Units**	**EQL**	**EPA 1994**	**EIL**	**HIL A**	**HIL E**	**HIL F**	**NSW DoH**											
Inorganics																			
Cyanide Total	mg/kg	0.5			250	500	1250		-	-	-	-	-	-	-	-	-	-	-	-
Sulfate	mg/kg	2		2000															
Asbestos ID in soil	-							Detect	-	nd	-	-	-	-	-	-	-	-	-	-
Asbestos ID in fragment	-							Detect											
Metals																			
Arsenic	mg/kg	3		20	100	200	500		8	4	5	<3	<3	5	<3	4	<3	3	<3	<3
Cadmium	mg/kg	0.1		3	20	40	100		0.2	0.2	0.2	<0.1	<0.1	0.2	0.2	<0.1	<0.1	<0.1	<0.1	<0.1
Chromium (total)	mg/kg	0.3		400	120000	240000	600000		22	8.4	5.7	8.7	5.8	14	4.5	17	6.4	9.7	2.2	2.8
Copper	mg/kg	0.5		100	1000	2000	5000		8	19	6	0.8	1.8	<0.5	2	2.2	1.6	0.6	1.4	0.6
Lead	mg/kg	1		600	300	600	1500		5	15	8	5	2	4	8	4	6	3	4	3
Mercury	mg/kg	0.05		1	15	30	75		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Nickel	mg/kg	0.5		60	600	600	3000		<0.5	22	3.3	0.98	<0.5	0.7	0.7	<0.5	0.8	<0.5	0.7	<0.5
Zinc	mg/kg	0.3		200	7000	14000	35000		2.5	36	12	2.6	2.4	2.5	16	2.9	12	1.1	5.7	1.8
OCP																			
Aldrin + Dieldrin	mg/kg	0.2			10	20	50		-	-	-	-	-	-	-	-	-	-	-	-
Chlordane	mg/kg	0.2			50	100	250		-	-	-	-	-	-	-	-	-	-	-	-
DDT+DDE+DDD	mg/kg				200	400	1000		-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor	mg/kg	0.1			10	20	50		-	-	-	-	-	-	-	-	-	-	-	-
OPP																			
Chlorpyrifos	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-	-
Ethion	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-	-
Fenitrothion	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-	-
Bromophos-ethyl	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-	-
PAH/Phenols																			
Benz(a)anthracene	mg/kg	0.1							-	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	-	-
Benzo(a) pyrene	mg/kg	0.05			1	2	5		-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	-
Benzo(b)&(k)fluoranthene	mg/kg	0.2							-	<0.2	<0.2	<0.2	<0.2	-	<0.2	-	<0.2	-	-	-
Benzo(g,h,i)perylene	mg/kg	0.1							-	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	-	-
Chrysene	mg/kg	0.1							-	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	-	-
Fluoranthene	mg/kg	0.1							-	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	-	-
Fluorene	mg/kg	0.1							-	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.2	-	-	-
Indeno(1,2,3-c,d)pyrene	mg/kg	0.1							-	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	-	-
Phenanthrene	mg/kg	0.1							-	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	-	-
Pyrene	mg/kg	0.1							-	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	-	-
PAHs (Sum of total)	mg/kg	1.55			20	40	100		-	<1.55	<1.55	<1.55	<1.55	-	<1.55	-	<1.65	-	-	-
Phenols																			
Phenolics Total	mg/kg	0.5			8500	17000	42500		-	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	1.4	-	-	-
PCB																			
PCBs (Sum of total)	mg/kg	0.9			10	20	50		-	-	-	-	-	-	-	-	-	-	-	-
TRH																			
TRH C 6 - C 9 Fraction	mg/kg	20	65						-	<20	<20	<20	<20	-	<20	<20	<20	-	<20	<20
TRH C10 - C14 Fraction	mg/kg	20							-	<20	<20	<20	<20	-	<20	<20	<20	-	<20	<20
TRH C15 - C28 Fraction	mg/kg	50							-	<50	<50	<50	<50	-	<50	<50	270	-	56	<50
TRH C29-C36 Fraction	mg/kg	50							-	65	<50	<50	<50	-	<50	<50	290	-	68	<50
TRH C10 - C36 (Sum of total)	mg/kg		1000						-	100	<120	<120	<120	-	<120	<120	570	-	134	<120
BTEX																			
Benzene	mg/kg	0.5	1						-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	-	<0.5	<0.5
Ethylbenzene	mg/kg	0.5	3.1						-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	-	<0.5	<0.5
Toluene	mg/kg	0.5	1.4						-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	-	<0.5	<0.5
Xylene Total	mg/kg	1.5	14						-	<1.5	<1.5	<1.5	<1.5	-	<1.5	<1.5	<1.5	-	<1.5	<1.5

Table LR3 - Summary of Soil Analytical Results - Lot 521, Lot 1, Lot 54 and Lot 55 - Former Quarry

Field_ID								ETP34	ETP35	ETP69	ETP69	ETP70	ETP71	ETP71	ETP72	ETP111	HA1	HA1	HA2
Sample_Depth_Range								0-0.1	0-0.1	0-0.1	0.4-0.5	0-0.1	0-0.1	0.4-0.5	0-0.1	0-0.1	0-0.1	0.4-0.5	0-0.1
Sampled_Date-Time								19/09/2007	19/09/2007	21/09/2007	21/09/2007	21/09/2007	21/09/2007	21/09/2007	21/09/2007	25/09/2007	24/09/2007	24/09/2007	24/09/2007
Purpose								Quarry	Quarry	Quarry	Quarry	Quarry	Quarry	Quarry	Quarry	Quarry	Quarry	Quarry	Quarry
Sample_Type								Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Hand Auger	Hand Auger	Hand Auger
ChemName	**Units**	**EQL**	**EPA 1994**	**EIL**	**HIL A**	**HIL E**	**HIL F**	**NSW DoH**											
Inorganics																			
Cyanide Total	mg/kg	0.5			250	500	1250		-	-	-	-	-	-	-	-	-	-	-	-
Sulfate	mg/kg	2		2000							-	-	-	-	-	-	-	-	-	-
Asbestos ID in soil	-							Detect	-	-	-	-	-	-	-	-	-	-	-	-
Asbestos ID in fragment	-							Detect											
Metals																			
Arsenic	mg/kg	3		20	100	200	500		5	7	7	5	4	<3	<3	<3	<3	5	5	4
Cadmium	mg/kg	0.1		3	20	40	100		<0.1	<0.1	0.2	0.2	0.1	<0.1	0.1	0.2	0.1	0.3	0.2	0.2
Chromium (total)	mg/kg	0.3		400	120000	240000	600000		13	12	8.7	13	16	7.6	22	7.7	9.6	11	7.4	12
Copper	mg/kg	0.5		100	1000	2000	5000		<0.5	1	1.4	0.7	0.6	14	<0.5	12	0.9	0.9	9.7	0.9
Lead	mg/kg	1		600	300	600	1500		4	4	17	11	7	6	5	18	6	12	15	12
Mercury	mg/kg	0.05		1	15	30	75		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.07	<0.05	<0.05	<0.05
Nickel	mg/kg	0.5		60	600	600	3000		<0.5	<0.5	0.6	0.7	0.6	5.5	2.8	5.6	<0.5	0.93	11	0.97
Zinc	mg/kg	0.3		200	7000	14000	35000		0.9	0.9	8.2	5.3	4.3	20	2.6	42	2.5	14	42	16
OCP																			
Aldrin + Dieldrin	mg/kg	0.2			10	20	50		-	-	-	-	-	-	-	-	-	-	-	-
Chlordane	mg/kg	0.2			50	100	250		-	-	-	-	-	-	-	-	-	-	-	-
DDT+DDE+DDD	mg/kg				200	400	1000		-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor	mg/kg	0.1			10	20	50		-	-	-	-	-	-	-	-	-	-	-	-
OPP																			
Chlorpyrifos	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-	-
Ethion	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-	-
Fenitrothion	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-	-
Bromophos-ethyl	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-	-
PAH/Phenols																			
Benz(a)anthracene	mg/kg	0.1							-	-	<0.1	-	-	<0.1	-	-	<0.1	-	-	<0.1
Benzo(a) pyrene	mg/kg	0.05			1	2	5		-	-	<0.05	-	-	<0.05	-	-	<0.05	-	-	<0.05
Benzo(b)&(k)fluoranthene	mg/kg	0.2							-	-	<0.2	-	-	<0.2	-	-	<0.2	-	-	<0.2
Benzo(g,h,i)perylene	mg/kg	0.1							-	-	<0.1	-	-	<0.1	-	-	<0.1	-	-	<0.1
Chrysene	mg/kg	0.1							-	-	<0.1	-	-	<0.1	-	-	<0.1	-	-	<0.1
Fluoranthene	mg/kg	0.1							-	-	<0.1	-	-	<0.1	-	-	<0.1	-	-	<0.1
Fluorene	mg/kg	0.1							-	-	<0.1	-	-	<0.1	-	-	<0.1	-	-	<0.1
Indeno(1,2,3-c,d)pyrene	mg/kg	0.1							-	-	<0.1	-	-	<0.1	-	-	<0.1	-	-	<0.1
Phenanthrene	mg/kg	0.1							-	-	<0.1	-	-	<0.1	-	-	<0.1	-	-	<0.1
Pyrene	mg/kg	0.1							-	-	<0.1	-	-	<0.1	-	-	<0.1	-	-	<0.1
PAHs (Sum of total)	mg/kg	1.55			20	40	100		-	-	<1.55	-	-	<1.55	-	-	<1.55	-	-	<1.55
Phenols																			
Phenolics Total	mg/kg	0.5			8500	17000	42500		-	-	<0.5	-	-	1.6	-	-	<0.5	-	-	0.7
PCB																			
PCBs (Sum of total)	mg/kg	0.9			10	20	50		-	-	-	-	-	-	-	-	-	-	-	-
TRH																			
TRH C 6 - C 9 Fraction	mg/kg	20	65						<20	<20	<20	-	<20	<20	-	<20	<20	<20	-	<20
TRH C10 - C14 Fraction	mg/kg	20							<20	<20	<20	-	<20	<20	-	<20	<20	<20	-	<20
TRH C15 - C28 Fraction	mg/kg	50							<50	<50	<50	-	<50	<50	-	<50	<50	<50	-	50
TRH C29-C36 Fraction	mg/kg	50							<50	<50	<50	-	<50	<50	-	<50	<50	56	-	66
TRH C10 - C36 (Sum of total)	mg/kg		1000						<120	<120	<120	-	<120	<120	-	<120	<120	91	-	126
BTEX																			
Benzene	mg/kg	0.5	1						<0.5	<0.5	<0.5	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	-	<0.5
Ethylbenzene	mg/kg	0.5	3.1						<0.5	<0.5	<0.5	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	-	<0.5
Toluene	mg/kg	0.5	1.4						<0.5	<0.5	<0.5	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	-	<0.5
Xylene Total	mg/kg	1.5	14						<1.5	<1.5	<1.5	-	<1.5	<1.5	-	<1.5	<1.5	<1.5	-	<1.5

Table LR3 - Summary of Soil Analytical Results - Lot 521, Lot 1, Lot 54 and Lot 55 - Former Quarry

Field_ID								HA3	HA3	HA4	HA5	HA5	HA6	HA7	HA7	HA14	HA15	HA16
Sample_Depth_Range								0-0.1	0.4-0.5	0-0.1	0-0.1	0.4-0.5	0-0.1	0-0.1	0.4-0.5	0-0.1	0-0.1	0-0.1
Sampled_Date-Time								24/09/2007	24/09/2007	24/09/2007	24/09/2007	24/09/2007	24/09/2007	27/09/2007	27/09/2007	27/09/2007	27/09/2007	28/09/2007
Purpose								Quarry	Quarry	Quarry	Quarry	Quarry	Quarry	Quarry	Quarry	Quarry	Quarry	Quarry
Sample_Type								Hand Auger	Hand Auger	Hand Auger	Hand Auger	Hand Auger	Hand Auger	Hand Auger	Hand Auger	Hand Auger	Hand Auger	Hand Auger
ChemName	**Units**	**EQL**	**EPA 1994**	**EIL**	**HIL A**	**HIL E**	**HIL F**	**NSW DoH**										
Inorganics																		
Cyanide Total	mg/kg	0.5			250	500	1250		-	-	-	-	-	-	-	-	-	-	-
Sulfate	mg/kg	2		2000					-	-	-	-	-	-	-	-	-	-	-
Asbestos ID in soil	-							Detect	-	-	-	-	-	-	-	-	-	-	nd
Asbestos ID in fragment	-							Detect											
Metals																		
Arsenic	mg/kg	3		20	100	200	500		4	<3	4	6	8	9	6	10	<3	<3 - 6	<3
Cadmium	mg/kg	0.1		3	20	40	100		0.2	0.2	0.1	0.5	0.3	0.3	<0.1	<0.1	0.2	0.2	0.2
Chromium (total)	mg/kg	0.3		400	120000	240000	600000		12	7.7	8.3	29	15	8.9	8.9	18	5.5	5.2 - 8.3	6.6
Copper	mg/kg	0.5		100	1000	2000	5000		1.2	7.6	1.7	12	13	3.2	1.4	3	12	9.5 - 10	12
Lead	mg/kg	1		600	300	600	1500		12	17	8	19	21	11	5	8	150	98	160
Mercury	mg/kg	0.05		1	15	30	75		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Nickel	mg/kg	0.5		60	600	600	3000		0.7	6.1	1.3	14	3.6	2.6	<0.5	1.1	8.6	6.4	7.3
Zinc	mg/kg	0.3		200	7000	14000	35000		7.7	28	43	47	27	15	3.2	6.4	40	31	34
OCP																		
Aldrin + Dieldrin	mg/kg	0.2			10	20	50		-	-	-	-	-	-	-	-	-	-	-
Chlordane	mg/kg	0.2			50	100	250		-	-	-	-	-	-	-	-	-	-	-
DDT+DDE+DDD	mg/kg				200	400	1000		-	-	-	-	-	-	-	-	-	-	-
Heptachlor	mg/kg	0.1			10	20	50		-	-	-	-	-	-	-	-	-	-	-
OPP																		
Chlorpyrifos	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-
Ethion	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-
Fenitrothion	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-
Bromophos-ethyl	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-
PAH/Phenols																		
Benz(a)anthracene	mg/kg	0.1							-	-	<0.1	-	-	<0.1	-	-	-	<0.1	-
Benzo(a) pyrene	mg/kg	0.05			1	2	5		-	-	<0.05	-	-	<0.05	-	-	-	0.07	-
Benzo(b)&(k)fluoranthene	mg/kg	0.2							-	-	<0.2	-	-	<0.2	-	-	-	<0.2	-
Benzo(g,h,i)perylene	mg/kg	0.1							-	-	<0.1	-	-	<0.1	-	-	-	0.1	-
Chrysene	mg/kg	0.1							-	-	<0.1	-	-	<0.1	-	-	-	<0.1	-
Fluoranthene	mg/kg	0.1							-	-	<0.1	-	-	<0.1	-	-	-	<0.1	-
Fluorene	mg/kg	0.1							-	-	<0.1	-	-	<0.1	-	-	-	<0.1	-
Indeno(1,2,3-c,d)pyrene	mg/kg	0.1							-	-	<0.1	-	-	<0.1	-	-	-	0.1	-
Phenanthrene	mg/kg	0.1							-	-	<0.1	-	-	<0.1	-	-	-	<0.1	-
Pyrene	mg/kg	0.1							-	-	<0.1	-	-	<0.1	-	-	-	<0.1	-
PAHs (Sum of total)	mg/kg	1.55			20	40	100		-	-	<1.55	-	-	<1.55	-	-	-	<1.57	-
Phenols																		
Phenolics Total	mg/kg	0.5			8500	17000	42500		-	-	<0.5	-	-	<0.5	-	-	-	<0.5	-
PCB																		
PCBs (Sum of total)	mg/kg	0.9			10	20	50		-	-	-	-	-	-	-	-	-	-	-
TRH																		
TRH C 6 - C 9 Fraction	mg/kg	20	65						<20	-	<20	<20	-	<20	<20	-	<20	<20	<20
TRH C10 - C14 Fraction	mg/kg	20							<20	-	<20	<20	-	<20	<20	-	<20	<20	<20
TRH C15 - C28 Fraction	mg/kg	50							54	-	<50	<50	-	<50	<50	-	<50	<50	<50
TRH C29-C36 Fraction	mg/kg	50							76	-	54	52	-	<50	<50	-	61	<50	<50
TRH C10 - C36 (Sum of total)	mg/kg		1000						140	-	89	87	-	<120	<120	-	96	<120	<120
BTEX																		
Benzene	mg/kg	0.5	1						<0.5	-	<0.5	<0.5	-	<0.5	<0.5	-	<0.5	<0.5	<0.5
Ethylbenzene	mg/kg	0.5	3.1						<0.5	-	<0.5	<0.5	-	<0.5	<0.5	-	<0.5	<0.5	<0.5
Toluene	mg/kg	0.5	1.4						<0.5	-	<0.5	<0.5	-	<0.5	<0.5	-	<0.5	<0.5	<0.5
Xylene Total	mg/kg	1.5	14						<1.5	-	<1.5	<1.5	-	<1.5	<1.5	-	<1.5	<1.5	<1.5

Table LR3 - Summary of Soil Analytical Results - Lot 521, Lot 1, Lot 54 and Lot 55 - Former Quarry

Field_ID								HA17	HA18	HA19	HA20	HA20	HA21	HA22	HA23	HA24	HA25	HA26
Sample_Depth_Range								0-0.1	0-0.1	0-0.1	0-0.1	0.4-0.5	0-0.1	0-0.1	0-0.1	0-0.1	0-0.1	0-0.1
Sampled_Date-Time								28/09/2007	28/09/2007	28/09/2007	28/09/2007	28/09/2007	28/09/2007	28/09/2007	28/09/2007	28/09/2007	28/09/2007	4/10/2007
Purpose								Quarry	Quarry	Quarry	Quarry	Quarry	Quarry	Quarry	Quarry	Quarry	Quarry	Quarry
Sample_Type								Hand Auger	Hand Auger	Hand Auger	Hand Auger	Hand Auger	Hand Auger	Hand Auger	Hand Auger	Hand Auger	Hand Auger	Hand Auger
ChemName	**Units**	**EQL**	**EPA 1994**	**EIL**	**HIL A**	**HIL E**	**HIL F**	**NSW DoH**										
Inorganics																		
Cyanide Total	mg/kg	0.5			250	500	1250		-	-	-	-	-	-	-	-	-	-	-
Sulfate	mg/kg	2		2000					-	-	-	-	-	-	-	-	-	-	-
Asbestos ID in soil	-							Detect	nd	nd	-	-	-	-	-	-	-	-	-
Asbestos ID in fragment	-							Detect											
Metals																		
Arsenic	mg/kg	3		20	100	200	500		4	3	<3	4	9	3	<3	<3	3	<3	4
Cadmium	mg/kg	0.1		3	20	40	100		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.1	0.2
Chromium (total)	mg/kg	0.3		400	120000	240000	600000		6.5	6	6.4	7.1	24	6.9	5.4	5.8	6.7	4	6.4
Copper	mg/kg	0.5		100	1000	2000	5000		14	15	11	12	2.8	14	11	11	20	9.5	11
Lead	mg/kg	1		600	300	600	1500		190	150	170	150	6	320	120	**760**	580	220	130
Mercury	mg/kg	0.05		1	15	30	75		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Nickel	mg/kg	0.5		60	600	600	3000		7.5	6.7	7.7	6.9	0.6	7.5	7.1	5.5	10	5.4	5.7
Zinc	mg/kg	0.3		200	7000	14000	35000		37	32	34	35	6.1	38	33	32	81	28	36
OCP																		
Aldrin + Dieldrin	mg/kg	0.2			10	20	50		-	-	-	-	-	-	-	-	-	-	-
Chlordane	mg/kg	0.2			50	100	250		-	-	-	-	-	-	-	-	-	-	-
DDT+DDE+DDD	mg/kg				200	400	1000		-	-	-	-	-	-	-	-	-	-	-
Heptachlor	mg/kg	0.1			10	20	50		-	-	-	-	-	-	-	-	-	-	-
OPP																		
Chlorpyrifos	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-
Ethion	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-
Fenitrothion	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-
Bromophos-ethyl	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-
PAH/Phenols																		
Benz(a)anthracene	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	0.1
Benzo(a) pyrene	mg/kg	0.05			1	2	5		-	-	-	-	-	-	-	-	-	-	0.17
Benzo(b)&(k)fluoranthene	mg/kg	0.2							-	-	-	-	-	-	-	-	-	-	0.4
Benzo(g,h,i)perylene	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	0.3
Chrysene	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	0.1
Fluoranthene	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	0.2
Fluorene	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	<0.1
Indeno(1,2,3-c,d)pyrene	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	0.3
Phenanthrene	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	<0.1
Pyrene	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	0.2
PAHs (Sum of total)	mg/kg	1.55			20	40	100		-	-	-	-	-	-	-	-	-	-	<2.47
Phenols																		
Phenolics Total	mg/kg	0.5			8500	17000	42500		-	-	-	-	-	-	-	-	-	-	-
PCB																		
PCBs (Sum of total)	mg/kg	0.9			10	20	50		-	-	-	-	-	-	-	-	-	-	-
TRH																		
TRH C 6 - C 9 Fraction	mg/kg	20	65						<20	<20	<20	-	-	<20	<20	<20	<20	<20	<20
TRH C10 - C14 Fraction	mg/kg	20							<20	<20	<20	-	-	<20	<20	<20	<20	<20	<20
TRH C15 - C28 Fraction	mg/kg	50							<50	<50	<50	-	-	<50	<50	<50	<50	<50	<50
TRH C29-C36 Fraction	mg/kg	50							<50	<50	<50	-	-	<50	<50	<50	<50	<50	<50
TRH C10 - C36 (Sum of total)	mg/kg		1000						<120	<120	<120	-	-	<120	<120	<120	<120	<120	<120
BTEX																		
Benzene	mg/kg	0.5	1						<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	mg/kg	0.5	3.1						<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Toluene	mg/kg	0.5	1.4						<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Xylene Total	mg/kg	1.5	14						<1.5	<1.5	<1.5	-	-	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5

Table LR3 - Summary of Soil Analytical Results - Lot 521, Lot 1, Lot 54 and Lot 55 - Former Quarry

Field_ID									HA26	HA27	HA28	HA28	HA29	HA29	HA30	HA30	HA31	HA32	HA32
Sample_Depth_Range									0.4-0.5	0-0.1	0-0.1	0.4-0.5	0-0.1	0.4-0.5	0-0.1	0.4-0.5	0-0.1	0-0.1	0.4-0.5
Sampled_Date-Time									4/10/2007	4/10/2007	4/10/2007	4/10/2007	4/10/2007	4/10/2007	4/10/2007	4/10/2007	4/10/2007	4/10/2007	4/10/2007
Purpose									Quarry	Quarry	Quarry	Quarry	Quarry	Quarry	Quarry	Quarry	Quarry	Quarry	Quarry
Sample_Type									Hand Auger	Hand Auger	Hand Auger	Hand Auger	Hand Auger	Hand Auger	Hand Auger	Hand Auger	Hand Auger	Hand Auger	Hand Auger
ChemName	**Units**	**EQL**	**EPA 1994**	**EIL**	**HIL A**	**HIL E**	**HIL F**	**NSW DoH**											
Inorganics																			
Cyanide Total	mg/kg	0.5			250	500	1250		-	-	-	-	-	-	-	-	-	-	-
Sulfate	mg/kg	2		2000					-	-	-	-	-	-	-	-	-	-	-
Asbestos ID in soil	-							Detect	-	-	-	-	-	-	-	-	-	-	-
Asbestos ID in fragment	-							Detect											
Metals																			
Arsenic	mg/kg	3		20	100	200	500		7	5	3	8	<3	8	3	10	4	4	9
Cadmium	mg/kg	0.1		3	20	40	100		0.2	0.3	0.2	0.5	0.2	0.4	0.2	0.5	0.2	0.2	0.4
Chromium (total)	mg/kg	0.3		400	120000	240000	600000		18	8.6	5.7	35	6.2	28	5.8	37	6.6	8.3	28
Copper	mg/kg	0.5		100	1000	2000	5000		2.5	21	9.2	22	12	20	10	26	22	8.7	19
Lead	mg/kg	1		600	300	600	1500		5	100	110	9.5	150	7	71	9.5	180	18	9
Mercury	mg/kg	0.05		1	15	30	75		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Nickel	mg/kg	0.5		60	600	600	3000		0.9	6.9	5.2	<0.5	7.9	<0.5	6.5	1.7	6.5	4.7	1
Zinc	mg/kg	0.3		200	7000	14000	35000		6	34	45	5.5	38	4.3	43	7.4	38	42	6.1
OCP																			
Aldrin + Dieldrin	mg/kg	0.2			10	20	50		-	-	-	-	-	-	-	-	-	-	-
Chlordane	mg/kg	0.2			50	100	250		-	-	-	-	-	-	-	-	-	-	-
DDT+DDE+DDD	mg/kg				200	400	1000		-	-	-	-	-	-	-	-	-	-	-
Heptachlor	mg/kg	0.1			10	20	50		-	-	-	-	-	-	-	-	-	-	-
OPP																			
Chlorpyrifos	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-
Ethion	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-
Fenitrothion	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-
Bromophos-ethyl	mg/kg	0.1							-	-	-	-	-	-	-	-	-	-	-
PAH/Phenols																			
Benz(a)anthracene	mg/kg	0.1							-	-	-	-	<0.1	-	-	-	0.2	-	-
Benzo(a) pyrene	mg/kg	0.05			1	2	5		-	-	-	-	0.13	-	-	-	0.17	-	-
Benzo(b)&(k)fluoranthene	mg/kg	0.2							-	-	-	-	0.3	-	-	-	0.4	-	-
Benzo(g,h,i)perylene	mg/kg	0.1							-	-	-	-	0.2	-	-	-	0.2	-	-
Chrysene	mg/kg	0.1							-	-	-	-	<0.1	-	-	-	0.1	-	-
Fluoranthene	mg/kg	0.1							-	-	-	-	0.2	-	-	-	0.3	-	-
Fluorene	mg/kg	0.1							-	-	-	-	<0.1	-	-	-	<0.1	-	-
Indeno(1,2,3-c,d)pyrene	mg/kg	0.1							-	-	-	-	0.2	-	-	-	0.2	-	-
Phenanthrene	mg/kg	0.1							-	-	-	-	<0.1	-	-	-	0.1	-	-
Pyrene	mg/kg	0.1							-	-	-	-	0.2	-	-	-	0.3	-	-
PAHs (Sum of total)	mg/kg	1.55			20	40	100		-	-	-	-	<2.13	-	-	-	<2.57	-	-
Phenols																			
Phenolics Total	mg/kg	0.5			8500	17000	42500		-	-	-	-	<0.5	-	-	-	<0.5	-	-
PCB																			
PCBs (Sum of total)	mg/kg	0.9			10	20	50		-	-	-	-	-	-	-	-	-	-	-
TRH																			
TRH C 6 - C 9 Fraction	mg/kg	20	65						-	<20	<20	-	-	-	<20	-	<20	<20	-
TRH C10 - C14 Fraction	mg/kg	20							-	<20	<20	-	-	-	<20	-	<20	<20	-
TRH C15 - C28 Fraction	mg/kg	50							-	<50	<50	-	-	-	<50	-	<50	<50	-
TRH C29-C36 Fraction	mg/kg	50							-	58	<50	-	-	-	61	-	51	80	-
TRH C10 - C36 (Sum of total)	mg/kg		1000						-	93	<120	-	-	-	96	-	86	115	-
BTEX																			
Benzene	mg/kg	0.5	1						-	<0.5	<0.5	-	<0.5	-	<0.5	-	<0.5	<0.5	-
Ethylbenzene	mg/kg	0.5	3.1						-	<0.5	<0.5	-	<0.5	-	<0.5	-	<0.5	<0.5	-
Toluene	mg/kg	0.5	1.4						-	<0.5	<0.5	-	<0.5	-	<0.5	-	<0.5	<0.5	-
Xylene Total	mg/kg	1.5	14						-	<1.5	<1.5	-	<1.5	-	<1.5	-	<1.5	<1.5	-

Table LR3 - Summary of Soil Analytical Results - Lot 521, Lot 1, Lot 54 and Lot 55 - Former Quarry

Field_ID									HA33	HA34	HA34	HA35	HA35	SS28	SS97(A)	SS97(B)	Asbestos1	G4	G5	G6
Sample_Depth_Range									0-0.1	0-0.1	0.4-0.5	0-0.1	0.4-0.5	0-0.05	0-0.05	0-0.05	0-0.05	0-0.05	0-0.05	0-0.05
Sampled_Date-Time									4/10/2007	4/10/2007	4/10/2007	4/10/2007	4/10/2007	18/09/2007	3/10/2007	3/10/2007	17/09/2007	24/09/2007	24/09/2007	24/09/2007
Purpose									Quarry	Quarry	Quarry	Quarry	Quarry	Quarry	Quarry	Quarry	Quarry	Quarry	Quarry	Quarry
Sample_Type									Hand Auger	Hand Auger	Hand Auger	Hand Auger	Hand Auger	Track	Stockpile	Stockpile	Stockpile	Gully	Gully	Gully
ChemName	**Units**	**EQL**	**EPA 1994**	**EIL**	**HIL A**	**HIL E**	**HIL F**	**NSW DoH**												
Inorganics																				
Cyanide Total	mg/kg	0.5			250	500	1250		-	-	-	-	-	-	-	-	-	-	-	-
Sulfate	mg/kg	2		2000					-	-	-	-	-	-	-	-	-	-	-	-
Asbestos ID in soil	-							Detect	detect	-	-	detect	-	nd	-	-	-	-	-	-
Asbestos ID in fragment	-							Detect							nd	nd	detect	-	-	-
Metals																				
Arsenic	mg/kg	3		20	100	200	500		4	4	9	3	8	9	-	-	-	5	7	9
Cadmium	mg/kg	0.1		3	20	40	100		0.2	0.2	<0.1	0.2	0.4	0.3	-	-	-	0.2	0.3	0.3
Chromium (total)	mg/kg	0.3		400	120000	240000	600000		7.9	8.3	30	6.5	27	23	-	-	-	8.4	17	15
Copper	mg/kg	0.5		100	1000	2000	5000		9	12	21	7.5	19	3.1	-	-	-	4.6	0.6	0.6
Lead	mg/kg	1		600	300	600	1500		17	12	7	11	7	15	-	-	-	9.1	8	8
Mercury	mg/kg	0.05		1	15	30	75		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05
Nickel	mg/kg	0.5		60	600	600	3000		5.5	14	<0.5	5.7	<0.5	1.9	-	-	-	2.3	0.5	0.5
Zinc	mg/kg	0.3		200	7000	14000	35000		40	46	3.9	34	4	12	-	-	-	12	4	3.8
OCP																				
Aldrin + Dieldrin	mg/kg	0.2			10	20	50		-	-	-	-	-	<0.2	-	-	-	<0.2	<0.2	<0.2
Chlordane	mg/kg	0.2			50	100	250		-	-	-	-	-	<0.2	-	-	-	<0.2	<0.2	<0.2
DDT+DDE+DDD	mg/kg				200	400	1000		-	-	-	-	-	<0.3	-	-	-	<0.3	<0.3	<0.3
Heptachlor	mg/kg	0.1			10	20	50		-	-	-	-	-	<0.1	-	-	-	<0.1	<0.1	<0.1
OPP																				
Chlorpyrifos	mg/kg	0.1							-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1
Ethion	mg/kg	0.1							-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1
Fenitrothion	mg/kg	0.1							-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1
Bromophos-ethyl	mg/kg	0.1							-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1
PAH/Phenols																				
Benz(a)anthracene	mg/kg	0.1							-	-	-	-	-	<0.1	-	-	-	<0.1	<0.1	<0.1
Benzo(a) pyrene	mg/kg	0.05			1	2	5		-	-	-	-	-	<0.05	-	-	-	<0.05	<0.05	<0.05
Benzo(b)&(k)fluoranthene	mg/kg	0.2							-	-	-	-	-	<0.2	-	-	-	<0.2	<0.2	<0.2
Benzo(g,h,i)perylene	mg/kg	0.1							-	-	-	-	-	<0.1	-	-	-	<0.1	<0.1	<0.1
Chrysene	mg/kg	0.1							-	-	-	-	-	<0.1	-	-	-	<0.1	<0.1	<0.1
Fluoranthene	mg/kg	0.1							-	-	-	-	-	<0.1	-	-	-	<0.1	<0.1	<0.1
Fluorene	mg/kg	0.1							-	-	-	-	-	<0.2	-	-	-	<0.1	<0.1	<0.1
Indeno(1,2,3-c,d)pyrene	mg/kg	0.1							-	-	-	-	-	<0.1	-	-	-	<0.1	<0.1	<0.1
Phenanthrene	mg/kg	0.1							-	-	-	-	-	<0.1	-	-	-	<0.1	<0.1	<0.1
Pyrene	mg/kg	0.1							-	-	-	-	-	<0.1	-	-	-	<0.1	<0.1	<0.1
PAHs (Sum of total)	mg/kg	1.55			20	40	100		-	-	-	-	-	<1.65	-	-	-	<1.55	<1.55	<1.55
Phenols																				
Phenolics Total	mg/kg	0.5			8500	17000	42500		-	-	-	-	-	-	-	-	-	-	-	-
PCB																				
PCBs (Sum of total)	mg/kg	0.9			10	20	50		-	-	-	-	-	<0.9	-	-	-	-	-	-
TRH																				
TRH C 6 - C 9 Fraction	mg/kg	20	65						<20	<20	-	<20	-	<20	-	-	-	<20	<20	<20
TRH C10 - C14 Fraction	mg/kg	20							<20	<20	-	<20	-	<20	-	-	-	<20	<20	<20
TRH C15 - C28 Fraction	mg/kg	50							<50	73	-	<50	-	64	-	-	-	<50	<50	<50
TRH C29-C36 Fraction	mg/kg	50							84	110	-	63	-	180	-	-	-	<50	<50	<50
TRH C10 - C36 (Sum of total)	mg/kg		1000						119	193	-	98	-	254	-	-	-	<120	<120	<120
BTEX																				
Benzene	mg/kg	0.5	1						<0.5	<0.5	-	<0.5	-	-	-	-	-	-	-	-
Ethylbenzene	mg/kg	0.5	3.1						<0.5	<0.5	-	<0.5	-	-	-	-	-	-	-	-
Toluene	mg/kg	0.5	1.4						<0.5	<0.5	-	<0.5	-	-	-	-	-	-	-	-
Xylene Total	mg/kg	1.5	14						<1.5	<1.5	-	<1.5	-	-	-	-	-	-	-	-

Table LR3 - Summary of Soil Analytical Results - Lot 521, Lot 1, Lot 54 and Lot 55 - Former Quarry

Field_ID									ST5	ST6	ST7
Sample_Depth_Range									-	-	-
Sampled_Date-Time									24/09/2007	24/09/2007	24/09/2007
Purpose									Quarry	Quarry	Quarry
Sample_Type									Stockpile	Stockpile	Stockpile
ChemName	**Units**	**EQL**	**EPA 1994**	**EIL**	**HIL A**	**HIL E**	**HIL F**	**NSW DoH**			
Inorganics											
Cyanide Total	mg/kg	0.5			250	500	1250		<0.5	<0.5	<0.5
Sulfate	mg/kg	2		2000					2	2	4
Asbestos ID in soil	-							Detect	nd	nd	nd
Asbestos ID in fragment	-							Detect			
Metals											
Arsenic	mg/kg	3		20	100	200	500		<3	<3	5
Cadmium	mg/kg	0.1		3	20	40	100		<0.1	0.2	0.3
Chromium (total)	mg/kg	0.3		400	120000	240000	600000		7.1	10	10
Copper	mg/kg	0.5		100	1000	2000	5000		6	18	23
Lead	mg/kg	1		600	300	600	1500		7	81	5
Mercury	mg/kg	0.05		1	15	30	75		<0.05	<0.05	<0.05
Nickel	mg/kg	0.5		60	600	600	3000		5.3	15	30
Zinc	mg/kg	0.3		200	7000	14000	35000		14	33	25
OCP											
Aldrin + Dieldrin	mg/kg	0.2			10	20	50		<0.2	<0.2	<0.2
Chlordane	mg/kg	0.2			50	100	250		<0.2	<0.2	<0.2
DDT+DDE+DDD	mg/kg				200	400	1000		<0.3	<0.3	<0.3
Heptachlor	mg/kg	0.1			10	20	50		<0.1	<0.1	<0.1
OPP											
Chlorpyrifos	mg/kg	0.1							-	-	-
Ethion	mg/kg	0.1							-	-	-
Fenitrothion	mg/kg	0.1							-	-	-
Bromophos-ethyl	mg/kg	0.1							-	-	-
PAH/Phenols											
Benz(a)anthracene	mg/kg	0.1							<0.1	<0.1	<0.1
Benzo(a) pyrene	mg/kg	0.05			1	2	5		<0.05	0.06	<0.05
Benzo(b)&(k)fluoranthene	mg/kg	0.2							<0.2	<0.2	<0.2
Benzo(g,h,i)perylene	mg/kg	0.1							<0.1	<0.1	<0.1
Chrysene	mg/kg	0.1							<0.1	<0.1	<0.1
Fluoranthene	mg/kg	0.1							<0.1	<0.1	<0.1
Fluorene	mg/kg	0.1							<0.1	<0.1	<0.1
Indeno(1,2,3-c,d)pyrene	mg/kg	0.1							<0.1	<0.1	<0.1
Phenanthrene	mg/kg	0.1							<0.1	<0.1	<0.1
Pyrene	mg/kg	0.1							<0.1	<0.1	<0.1
PAHs (Sum of total)	mg/kg	1.55			20	40	100		<1.55	<1.56	<1.55
Phenols											
Phenolics Total	mg/kg	0.5			8500	17000	42500		<0.5	<0.5	<0.5
PCB											
PCBs (Sum of total)	mg/kg	0.9			10	20	50		<0.9	<0.9	<0.9
TRH											
TRH C 6 - C 9 Fraction	mg/kg	20	65						<20	<20	<20
TRH C10 - C14 Fraction	mg/kg	20							<20	<20	<20
TRH C15 - C28 Fraction	mg/kg	50							<50	<50	<50
TRH C29-C36 Fraction	mg/kg	50							<50	58	<50
TRH C10 - C36 (Sum of total)	mg/kg		1000						<120	93	<120
BTEX											
Benzene	mg/kg	0.5	1						<0.5	<0.5	<0.5
Ethylbenzene	mg/kg	0.5	3.1						<0.5	<0.5	<0.5
Toluene	mg/kg	0.5	1.4						<0.5	<0.5	<0.5
Xylene Total	mg/kg	1.5	14						<1.5	<1.5	<1.5

Table LR4 - Summary of Soil Analytical Results - Lot 1 and Lot 54 - Former Landfill

Field_ID								EBH13	EBH13	EBH16	EBH16	EBH17	EBH17	EBH18	EBH18	EBH19	EBH20	EBH21	EBH21	EBH22	EBH24	EBH25	EBH26	EBH22
Sample_Depth_Range								0.5-0.6	4-4.2	0-0.1	0.5-0.95	0-0.1	0.5-0.95	0.5-0.95	3-3.45	0-0.1	0.5-0.95	0-0.1	0.5-0.95	0.5-0.95	0.5-0.95	0.5-0.95	0.5-0.95	0-0.1
Sampled_Date-Time								13/09/2007	13/09/2007	14/09/2007	14/09/2007	14/09/2007	14/09/2007	14/09/2007	14/09/2007	14/09/2007	17/09/2007	17/09/2007	17/09/2007	17/09/2007	17/09/2007	17/09/2007	17/09/2007	17/09/2007
Purpose								Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill
Sample_Type								Borehole	Borehole	Borehole	Borehole	Borehole	Borehole	Borehole	Borehole	Borehole	Borehole	Borehole	Borehole	Borehole	Borehole	Borehole	Borehole	Borehole
ChemName	**Units**	**EQL**	**EPA 1994**	**EIL**	**HIL A**	**HIL E**	**HIL F**	**NSW DoH**																
Inorganics																								
Cyanide Total	mg/kg	0.5			250	500	1250		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfate	mg/kg	2		2000					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Asbestos ID in soil	-							Detect	-	-	nd	-	nd	-	nd	-	-	nd	-	-	-	nd	nd	-	-
Asbestos ID in fragment	-							Detect	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Metals																								
Arsenic	mg/kg	3		20	100	200	500		<3	4	6	<3	9	8	<3	5	5	<3	<3	<3	<3	<3	<3	5
Cadmium	mg/kg	0.1		3	20	40	100		0.2	0.2	0.3	0.1	0.2	0.2	0.2	0.2	0.2	<0.1	<0.1	<0.1	0.1	<0.1	0.2	0.1	0.2
Chromium (total)	mg/kg	0.3		400	120000	240000	600000		8.9	8.1	11	6.8	18	17	6.6	7.3	11	3.8	4.3	5.5	5.3	9.4	9.8	5.9	7.7
Copper	mg/kg	0.5		100	1000	2000	5000		15	6.7	13	0.5	6.1	6.3	9.9	6.4	6.4	1.4	2.2	0.9	8.7	6.3	9.5	6.5	5.8
Lead	mg/kg	1		600	300	600	1500		21	14	12	4	4	3	9	28	7	4	5	6	23	8	34	11	10
Mercury	mg/kg	0.05		1	15	30	75		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Nickel	mg/kg	0.5		60	600	600	3000		12	4.4	15	0.6	<0.5	<0.5	7	2.4	5.2	1	1.7	0.9	5.1	8.8	12	5.6	4
Zinc	mg/kg	0.3		200	7000	14000	35000		53	31	30	3	2.8	1.8	25	29	14	5.5	7	4.3	44	13	28	17	18
OCP																								
Aldrin + Dieldrin	mg/kg	0.2			10	20	50		<0.2	-	-	<0.2	-	<0.2	-	<0.2	<0.2	<0.2	<0.2	-	-	<0.2	<0.2	-	<0.2
cis-Chlordane	mg/kg	0.1			50	100	250		<0.2	-	-	<0.2	-	<0.2	-	<0.2	<0.2	<0.2	<0.2	-	-	<0.2	<0.2	-	<0.2
DDT+DDE+DDD	mg/kg	0.3			200	400	1000		<0.3	-	-	<0.3	-	<0.3	-	<0.3	<0.3	<0.3	<0.3	-	-	<0.3	<0.3	-	<0.3
Heptachlor	mg/kg	0.1			10	20	50		<0.1	-	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1
OPP																								
Chlorpyrifos	mg/kg	0.1							<0.1	-	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1
Ethion	mg/kg	0.1							<0.1	-	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1
Fenitrothion	mg/kg	0.1							<0.1	-	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1
Bromophos-ethyl	mg/kg	0.1							<0.1	-	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1
PAH																								
Acenaphthene	mg/kg	0.1							<0.1	-	-	<0.1	-	<0.1	-	0.1	<0.1	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1
Acenaphthylene	mg/kg	0.1							<0.1	-	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	<0.1	-	0.4
Anthracene	mg/kg	0.1							<0.1	-	-	<0.1	-	<0.1	-	0.3	<0.1	<0.1	<0.1	-	-	<0.1	<0.1	-	0.2
Benz(a)anthracene	mg/kg	0.1							<0.1	-	-	<0.1	-	<0.1	-	0.6	<0.1	<0.1	<0.1	-	-	<0.1	<0.1	-	0.6
Benzo(a) pyrene	mg/kg	0.05			1	2	5		0.09	-	-	0.06	-	<0.05	-	0.61	<0.05	<0.05	<0.05	-	-	0.08	<0.05	-	0.85
Benzo(b)&(k)fluoranthene	mg/kg	0.2							<0.2	-	-	<0.2	-	<0.2	-	0.8	<0.2	<0.2	<0.2	-	-	<0.2	<0.2	-	0.9
Benzo(g,h,i)perylene	mg/kg	0.1							0.1	-	-	<0.1	-	<0.1	-	0.7	<0.1	<0.1	<0.1	-	-	0.1	<0.1	-	0.9
Chrysene	mg/kg	0.1							<0.1	-	-	<0.1	-	<0.1	-	0.4	<0.1	<0.1	<0.1	-	-	<0.1	<0.1	-	0.6
Dibenz(a,h)anthracene	mg/kg	0.1							<0.1	-	-	<0.1	-	<0.1	-	0.1	<0.1	<0.1	<0.1	-	-	<0.1	<0.1	-	0.2
Fluoranthene	mg/kg	0.1							0.1	-	-	<0.1	-	<0.1	-	1.4	<0.1	<0.1	<0.1	-	-	<0.1	<0.1	-	0.8
Fluorene	mg/kg	0.1							<0.1	-	-	<0.1	-	<0.1	-	<0.2	<0.1	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1
Indeno(1,2,3-c,d)pyrene	mg/kg	0.1							<0.1	-	-	<0.1	-	<0.1	-	0.7	<0.1	<0.1	<0.1	-	-	<0.1	<0.1	-	0.7
Phenanthrene	mg/kg	0.1							<0.1	-	-	0.1	-	<0.1	-	1.1	<0.1	<0.1	<0.1	-	-	<0.1	<0.1	-	0.6
Pyrene	mg/kg	0.1							0.1	-	-	0.1	-	<0.1	-	1.2	<0.1	<0.1	<0.1	-	-	<0.1	<0.1	-	1.4
PAHs (Sum of total)	mg/kg	1.55			20	40	100		<1.59	-	-	<1.56	-	<1.55	-	<8.41	<1.55	<1.55	<1.55	-	-	<1.58	<1.55	-	<8.45
Phenols																								
Phenolics Total	mg/kg	0.5			8500	17000	42500		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB																								
PCBs (Sum of total)	mg/kg	0.9			10	20	50		<0.9	-	-	<0.9	-	<0.9	-	<0.9	<0.9	<0.9	<0.9	-	-	<0.9	<0.9	-	<0.9
TRH																								
TRH C 6 - C 9 Fraction	mg/kg	20	65						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRH C10 - C14 Fraction	mg/kg	20							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRH C15 - C28 Fraction	mg/kg	50							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRH C29-C36 Fraction	mg/kg	50							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRH C10 - C36 (Sum of total)	mg/kg		1000						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BTEX																								
Benzene	mg/kg	0.5	1						<0.5	-	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5
Ethylbenzene	mg/kg	0.5	3.1						<0.5	-	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5
Toluene	mg/kg	0.5	1.4						<0.5	-	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5
Xylene Total	mg/kg	1.5	14						<1.5	-	-	<1.5	-	<1.5	-	<1.5	<1.5	<1.5	<1.5	-	-	<1.5	<1.5	-	<1.5
VOC																								
Total VOC (52)	mg/kg	26							<26	-	-	<26	-	<26	-	<26	<26	<26	<26	-	-	<26	<26	-	<26

Table LR4 - Summary of Soil Analytical Results - Lot 1 and Lot 54 - Former Landfill

Field_ID								EBH25	EBH26	ETP36	ETP36	ETP37	ETP37	ETP38	ETP38	ETP39	ETP39	ETP40	ETP40	ETP41	ETP41	ETP42	ETP43	ETP43
Sample_Depth_Range								0-0.1	2.5-2.95	0.4-0.5	1.4-1.5	0.4-0.5	0.9-1	0-0.1	0.9-1	0.4-0.5	0.9-1	0-0.1	0.9-1	0-0.1	0.4-0.5	0.4-0.5	0.4-0.5	0.9-1
Sampled_Date-Time								17/09/2007	17/09/2007	19/09/2007	19/09/2007	19/09/2007	19/09/2007	20/09/2007	20/09/2007	20/09/2007	20/09/2007	20/09/2007	20/09/2007	20/09/2007	20/09/2007	20/09/2007	20/09/2007	20/09/2007
Purpose								Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill
Sample_Type								Borehole	Borehole	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit
ChemName	**Units**	**EQL**	**EPA 1994**	**EIL**	**HIL A**	**HIL E**	**HIL F**	**NSW DoH**																
Inorganics																								
Cyanide Total	mg/kg	0.5			250	500	1250		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfate	mg/kg	2		2000					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Asbestos ID in soil	-							Detect	-	-	nd	nd	nd	-	-	nd	-	-	-	nd	-	-	nd	-	-
Asbestos ID in fragment	-							Detect	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Metals																								
Arsenic	mg/kg	3		20	100	200	500		7	<3	<3	4	<3	3	3	3	5	<3	<3	3	<3	6	<3	<3	4
Cadmium	mg/kg	0.1		3	20	40	100		0.3	0.1	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2	<0.1	0.1	0.2
Chromium (total)	mg/kg	0.3		400	120000	240000	600000		17	6.7	5.8	6.5	7.6	11	5.5	6.5	11	5.8	4.7	6.7	4.7	20	4	5.4	11
Copper	mg/kg	0.5		100	1000	2000	5000		3.8	4.5	11	5.8	20	26	4.2	5.8	4.5	11	8.8	6.1	9.2	1.7	4	8.1	13
Lead	mg/kg	1		600	300	600	1500		13	9.6	7	12	18	26	9	9.9	15	28	8	10	15	4	8	20	13
Mercury	mg/kg	0.05		1	15	30	75		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Nickel	mg/kg	0.5		60	600	600	3000		4.1	2.7	7.3	4.1	14	10	2.9	3.8	2.3	7.6	8.4	4.7	9.8	<0.5	2.8	5.8	12
Zinc	mg/kg	0.3		200	7000	14000	35000		17	13	32	15	82	130	14	24	15	43	24	18	23	2.2	14	89	130
OCP																								
Aldrin + Dieldrin	mg/kg	0.2			10	20	50		-	<0.2	<0.2	-	<0.2	-	-	<0.2	<0.2	-	-	<0.2	<0.2	-	<0.2	<0.2	-
cis-Chlordane	mg/kg	0.1			50	100	250		-	<0.2	<0.2	-	<0.2	-	-	<0.2	<0.2	-	-	<0.2	<0.2	-	<0.2	<0.2	-
DDT+DDE+DDD	mg/kg	0.3			200	400	1000		-	<0.3	<0.3	-	<0.3	-	-	<0.3	<0.3	-	-	<0.3	<0.3	-	<0.3	<0.3	-
Heptachlor	mg/kg	0.1			10	20	50		-	<0.1	<0.1	-	<0.1	-	-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	<0.1	-
OPP																								
Chlorpyrifos	mg/kg	0.1							-	<0.1	<0.1	-	<0.1	-	-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	<0.1	-
Ethion	mg/kg	0.1							-	<0.1	<0.1	-	<0.1	-	-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	<0.1	-
Fenitrothion	mg/kg	0.1							-	<0.1	<0.1	-	<0.1	-	-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	<0.1	-
Bromophos-ethyl	mg/kg	0.1							-	<0.1	<0.1	-	<0.1	-	-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	<0.1	-
PAH																								
Acenaphthene	mg/kg	0.1							-	<0.1	<0.1	-	<0.1	-	-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	<0.1	-
Acenaphthylene	mg/kg	0.1							-	<0.1	<0.1	-	<0.1	-	-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	<0.1	-
Anthracene	mg/kg	0.1							-	<0.1	<0.1	-	<0.1	-	-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	<0.1	-
Benz(a)anthracene	mg/kg	0.1							-	<0.1	<0.1	-	<0.1	-	-	<0.1	<0.1	-	-	0.2	<0.1	-	<0.1	<0.1	-
Benzo(a) pyrene	mg/kg	0.05			1	2	5		-	<0.05	<0.05	-	0.05	-	-	<0.05	<0.05	-	-	0.18	<0.05	-	<0.05	0.08	-
Benzo(b)&(k)fluoranthene	mg/kg	0.2							-	<0.2	<0.2	-	<0.2	-	-	<0.2	<0.2	-	-	0.3	<0.2	-	<0.2	<0.2	-
Benzo(g,h,i)perylene	mg/kg	0.1							-	<0.1	<0.1	-	<0.1	-	-	<0.1	<0.1	-	-	0.2	<0.1	-	<0.1	0.1	-
Chrysene	mg/kg	0.1							-	<0.1	<0.1	-	<0.1	-	-	<0.1	<0.1	-	-	0.2	<0.1	-	<0.1	<0.1	-
Dibenz(a,h)anthracene	mg/kg	0.1							-	<0.1	<0.1	-	<0.1	-	-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	<0.1	-
Fluoranthene	mg/kg	0.1							-	<0.1	<0.1	-	<0.1	-	-	<0.1	<0.1	-	-	0.3	<0.1	-	<0.1	<0.1	-
Fluorene	mg/kg	0.1							-	<0.1	<0.1	-	<0.1	-	-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	<0.1	-
Indeno(1,2,3-c,d)pyrene	mg/kg	0.1							-	<0.1	<0.1	-	<0.1	-	-	<0.1	<0.1	-	-	0.2	<0.1	-	<0.1	<0.1	-
Phenanthrene	mg/kg	0.1							-	<0.1	<0.1	-	<0.1	-	-	<0.1	<0.1	-	-	0.2	<0.1	-	<0.1	<0.1	-
Pyrene	mg/kg	0.1							-	0.1	<0.1	-	<0.1	-	-	<0.1	<0.1	-	-	0.4	<0.1	-	<0.1	<0.1	-
PAHs (Sum of total)	mg/kg	1.55			20	40	100		-	<1.55	<1.55	-	<1.55	-	-	<1.55	<1.55	-	-	<2.78	<1.55	-	<1.55	<1.58	-
Phenols																								
Phenolics Total	mg/kg	0.5			8500	17000	42500		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB																								
PCBs (Sum of total)	mg/kg	0.9			10	20	50		-	<0.9	<0.9	-	<0.9	-	-	<0.9	<0.9	-	-	<0.9	<0.9	-	<0.9	<0.9	-
TRH																								
TRH C 6 - C 9 Fraction	mg/kg	20	65						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRH C10 - C14 Fraction	mg/kg	20							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRH C15 - C28 Fraction	mg/kg	50							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRH C29-C36 Fraction	mg/kg	50							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRH C10 - C36 (Sum of total)	mg/kg		1000						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BTEX																								
Benzene	mg/kg	0.5	1						-	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	<0.5	-
Ethylbenzene	mg/kg	0.5	3.1						-	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	<0.5	-
Toluene	mg/kg	0.5	1.4						-	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	<0.5	-
Xylene Total	mg/kg	1.5	14						-	<1.5	<1.5	-	<1.5	-	-	<1.5	<1.5	-	-	<1.5	<1.5	-	<1.5	<1.5	-
VOC																								
Total VOC (52)	mg/kg	26							-	<26	<26	-	<26	-	-	<26	<26	-	-	<26	<26	-	<26	<26	-

Table LR4 - Summary of Soil Analytical Results - Lot 1 and Lot 54 - Former Landfill

Field_ID								ETP44	ETP45	ETP45	ETP46	ETP47	ETP47	ETP48	ETP49	ETP49	ETP50	ETP50	ETP51	ETP51	ETP52	ETP52	ETP53	ETP73
Sample_Depth_Range								0.4-0.5	0-0.1	0.4-0.5	0-0.1	0-0.1	0.4-0.5	0-0.1	0-0.1	0.9-1	0-0.1	0.4-0.5	0-0.1	0.4-0.5	0.4-0.5	0.9-1	0-0.1	0.4-0.5
Sampled_Date-Time								20/09/2007	20/09/2007	20/09/2007	20/09/2007	20/09/2007	20/09/2007	20/09/2007	20/09/2007	20/09/2007	20/09/2007	20/09/2007	20/09/2007	20/09/2007	20/09/2007	20/09/2007	20/09/2007	25/09/2007
Purpose								Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill
Sample_Type								Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit
ChemName	**Units**	**EQL**	**EPA 1994**	**EIL**	**HIL A**	**HIL E**	**HIL F**	**NSW DoH**																
Inorganics																								
Cyanide Total	mg/kg	0.5			250	500	1250		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfate	mg/kg	2		2000					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Asbestos ID in soil	-							Detect	nd	-	-	nd	-	-	nd	-	nd	-	nd	-	-	nd	-	-	nd
Asbestos ID in fragment	-							Detect	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Metals																								
Arsenic	mg/kg	3		20	100	200	500		<3	3	4	<3	<3	<3	5	<3	10	4	7	3	4	<3	<3	4	<3
Cadmium	mg/kg	0.1		3	20	40	100		0.1	0.2	0.1	0.1	<0.1	<0.1	0.2	0.2	0.4	0.1	0.2	0.2	0.1	<0.1	<0.1	<0.1	0.2
Chromium (total)	mg/kg	0.3		400	120000	240000	600000		4.5	7.4	6.9	3.7	4.6	6.1	11	6.5	17	5.6	21	6.1	15	16	3.3	4	10
Copper	mg/kg	0.5		100	1000	2000	5000		6.6	7.3	7.2	7.6	1.4	<0.5	8.5	10	7.8	8.4	1.2	5.7	0.8	9.1	1.1	3.7	4.1
Lead	mg/kg	1		600	300	600	1500		38	12	7	15	3	2	46	10	13	22	6	15	4	13	4	13	27
Mercury	mg/kg	0.05		1	15	30	75		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Nickel	mg/kg	0.5		60	600	600	3000		4.8	4.8	5.2	5.9	0.8	0.9	4.4	8.1	9	8.6	1.9	3.7	<0.5	8.2	0.8	2	2.5
Zinc	mg/kg	0.3		200	7000	14000	35000		25	37	30	24	3.9	1.8	46	28	27	28	4.3	22	2.5	120	2.6	20	16
OCP																								
Aldrin + Dieldrin	mg/kg	0.2			10	20	50		<0.2	-	<0.2	<0.2	<0.2	-	<0.2	-	<0.2	-	<0.2	<0.2	-	<0.2	-	<0.2	<0.2
cis-Chlordane	mg/kg	0.1			50	100	250		<0.2	-	<0.2	<0.2	<0.2	-	<0.2	-	<0.2	-	<0.2	<0.2	-	<0.2	-	<0.2	<0.2
DDT+DDE+DDD	mg/kg	0.3			200	400	1000		<0.3	-	<0.3	<0.3	<0.3	-	<0.3	-	<0.3	-	<0.3	<0.3	-	<0.3	-	<0.3	<0.3
Heptachlor	mg/kg	0.1			10	20	50		<0.1	-	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	<0.1	<0.1	-	<0.1	-	<0.1	<0.1
OPP																								
Chlorpyrifos	mg/kg	0.1							<0.1	-	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	<0.1	<0.1	-	<0.1	-	<0.1	<0.1
Ethion	mg/kg	0.1							<0.1	-	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	<0.1	<0.1	-	<0.1	-	<0.1	<0.1
Fenitrothion	mg/kg	0.1							<0.1	-	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	<0.1	<0.1	-	<0.1	-	<0.1	<0.1
Bromophos-ethyl	mg/kg	0.1							<0.1	-	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	<0.1	<0.1	-	<0.1	-	<0.1	<0.1
PAH																								
Acenaphthene	mg/kg	0.1							<0.1	-	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	<0.1	<0.1	-	<0.1	-	<0.1	<0.1
Acenaphthylene	mg/kg	0.1							<0.1	-	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	<0.1	<0.1	-	<0.1	-	<0.1	<0.1
Anthracene	mg/kg	0.1							<0.1	-	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	<0.1	<0.1	-	<0.1	-	<0.1	<0.1
Benz(a)anthracene	mg/kg	0.1							<0.1	-	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	<0.1	<0.1	-	<0.1	-	<0.1	<0.1
Benzo(a) pyrene	mg/kg	0.05			1	2	5		<0.05	-	<0.05	0.06	<0.05	-	0.06	-	<0.05	-	<0.05	0.46	-	0.12	-	<0.05	<0.05
Benzo(b)&(k)fluoranthene	mg/kg	0.2							<0.2	-	<0.2	<0.2	<0.2	-	<0.2	-	<0.2	-	<0.2	0.7	-	<0.2	-	<0.2	<0.2
Benzo(g,h,i)perylene	mg/kg	0.1							<0.1	-	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	<0.1	0.4	-	0.1	-	<0.1	<0.1
Chrysene	mg/kg	0.1							<0.1	-	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	<0.1	0.4	-	<0.1	-	<0.1	<0.1
Dibenz(a,h)anthracene	mg/kg	0.1							<0.1	-	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	<0.1	<0.1	-	<0.1	-	<0.1	<0.1
Fluoranthene	mg/kg	0.1							<0.1	-	<0.1	<0.1	<0.1	-	0.1	-	<0.1	-	<0.1	0.7	-	0.2	-	<0.1	<0.1
Fluorene	mg/kg	0.1							<0.1	-	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	<0.1	<0.1	-	<0.1	-	<0.1	<0.1
Indeno(1,2,3-c,d)pyrene	mg/kg	0.1							<0.1	-	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	<0.1	0.3	-	<0.1	-	<0.1	<0.1
Phenanthrene	mg/kg	0.1							<0.1	-	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	<0.1	0.3	-	<0.1	-	<0.1	<0.1
Pyrene	mg/kg	0.1							<0.1	-	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	<0.1	0.8	-	0.2	-	<0.1	<0.1
PAHs (Sum of total)	mg/kg	1.55			20	40	100		<1.55	-	<1.55	<1.56	<1.55	-	<1.56	-	<1.55	-	<1.55	<4.96	-	<1.82	-	<1.55	<1.55
Phenols																								
Phenolics Total	mg/kg	0.5			8500	17000	42500		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB																								
PCBs (Sum of total)	mg/kg	0.9			10	20	50		<0.9	-	<0.9	<0.9	<0.9	-	<0.9	-	<0.9	-	<0.9	<0.9	-	<0.9	-	<0.9	<0.9
TRH																								
TRH C 6 - C 9 Fraction	mg/kg	20	65						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRH C10 - C14 Fraction	mg/kg	20							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRH C15 - C28 Fraction	mg/kg	50							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRH C29-C36 Fraction	mg/kg	50							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRH C10 - C36 (Sum of total)	mg/kg		1000						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BTEX																								
Benzene	mg/kg	0.5	1						<0.5	-	<0.5	<0.5	<0.5	-	<0.5	-	<0.5	-	<0.5	<0.5	-	<0.5	-	<0.5	<0.5
Ethylbenzene	mg/kg	0.5	3.1						<0.5	-	<0.5	<0.5	<0.5	-	<0.5	-	<0.5	-	<0.5	<0.5	-	<0.5	-	<0.5	<0.5
Toluene	mg/kg	0.5	1.4						<0.5	-	<0.5	<0.5	<0.5	-	<0.5	-	<0.5	-	<0.5	<0.5	-	<0.5	-	<0.5	<0.5
Xylene Total	mg/kg	1.5	14						<1.5	-	<1.5	<1.5	<1.5	-	<1.5	-	<1.5	-	<1.5	<1.5	-	<1.5	-	<1.5	<1.5
VOC																								
Total VOC (52)	mg/kg	26							<26	-	<26	<26	<26	-	<26	-	<26	-	<26	<26	-	<26	-	<26	<26

Table LR4 - Summary of Soil Analytical Results - Lot 1 and Lot 54 - Former Landfill

Field_ID								ETP73	ETP74	ETP85	ETP85	ETP86	ETP87	ETP88	ETP88	ETP90	ETP90	ETP91	ETP107	ETP107	ETP108	ETP108	ETP109	ETP110
Sample_Depth_Range								0-0.1	1.9-2	0.5-1	1.8-2	2-2.3	1-1.3	0-0.3	2.5-2.8	0-0.3	2.5-2.8	1.5-1.8	0.9-1	0-0.1	0.7-0.8	0-0.1	0-0.1	0.4-0.5
Sampled_Date-Time								25/09/2007	25/09/2007	12/09/2007	12/09/2007	12/09/2007	12/09/2007	12/09/2007	12/09/2007	12/09/2007	12/09/2007	12/09/2007	25/09/2007	25/09/2007	25/09/2007	25/09/2007	25/09/2007	25/09/2007
Purpose								Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill
Sample_Type								Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test pit
ChemName	**Units**	**EQL**	**EPA 1994**	**EIL**	**HIL A**	**HIL E**	**HIL F**	**NSW DoH**																
Inorganics																								
Cyanide Total	mg/kg	0.5			250	500	1250		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfate	mg/kg	2		2000					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Asbestos ID in soil	-							Detect	-	-	-	-	-	nd	-	-	-	-	-	-	-	-	-	nd	-
Asbestos ID in fragment	-							Detect	-	-	-	-	detect	-	-	detect	-	detect	-	-	-	-	detect	-	-
Metals																								
Arsenic	mg/kg	3		20	100	200	500		<3	<3	6	8	6	<3	<3	4	5	4	5	3	<3	<3	<3	<3	5
Cadmium	mg/kg	0.1		3	20	40	100		0.1	0.1	0.2	0.3	0.3	0.2	0.2	0.6	0.1	0.1	0.2	0.2	<0.1	<0.1	0.2	0.2	0.2
Chromium (total)	mg/kg	0.3		400	120000	240000	600000		5.5	6	7.7	6	8.6	6.4	5.5	15	2.3	7.2	13	6	5.3	3.9	3.7	5.7	20
Copper	mg/kg	0.5		100	1000	2000	5000		7.7	7	7.4	2.7	5.7	6.7	9.2	14	2.1	6.6	5	4	1.9	1	6.7	9.7	1.1
Lead	mg/kg	1		600	300	600	1500		16	8	17	11	17	13	25	24	8	19	8	6	4	5	16	16	5
Mercury	mg/kg	0.05		1	15	30	75		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.18	<0.05	<0.05
Nickel	mg/kg	0.5		60	600	600	3000		6	5.2	4.3	3.8	3	5.1	4.3	9.7	0.7	2.7	3.8	4	1.9	2.6	3.2	7	0.7
Zinc	mg/kg	0.3		200	7000	14000	35000		31	16	29	33	31	22	30	**990**	4.5	26	21	12	4	6.2	42	47	3.4
OCP																								
Aldrin + Dieldrin	mg/kg	0.2			10	20	50		-	<0.2	-	<0.2	<0.2	<0.2	-	<0.2	-	<0.2	<0.2	-	<0.2	<0.2	-	<0.2	-
cis-Chlordane	mg/kg	0.1			50	100	250		-	<0.2	-	<0.2	<0.2	<0.2	-	<0.2	-	<0.2	<0.2	-	<0.2	<0.2	-	<0.2	-
DDT+DDE+DDD	mg/kg	0.3			200	400	1000		-	<0.3	-	<0.3	<0.3	<0.3	-	<0.3	-	<0.3	<0.3	-	<0.3	<0.3	-	<0.3	-
Heptachlor	mg/kg	0.1			10	20	50		-	<0.1	-	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1	-
OPP																								
Chlorpyrifos	mg/kg	0.1							-	<0.1	-	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1	-
Ethion	mg/kg	0.1							-	<0.1	-	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1	-
Fenitrothion	mg/kg	0.1							-	<0.1	-	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1	-
Bromophos-ethyl	mg/kg	0.1							-	<0.1	-	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1	-
PAH																								
Acenaphthene	mg/kg	0.1							-	0.4	-	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1	-
Acenaphthylene	mg/kg	0.1							-	0.6	-	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1	-
Anthracene	mg/kg	0.1							-	0.8	-	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1	-
Benz(a)anthracene	mg/kg	0.1							-	1.4	-	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1	-
Benzo(a) pyrene	mg/kg	0.05			1	2	5		-	*1.7*	-	<0.05	<0.05	<0.05	-	<0.05	-	0.06	<0.05	-	<0.05	<0.05	-	<0.05	-
Benzo(b)&(k)fluoranthene	mg/kg	0.2							-	1.8	-	<0.2	<0.2	<0.2	-	<0.2	-	<0.2	<0.2	-	<0.2	<0.2	-	<0.2	-
Benzo(g,h,i)perylene	mg/kg	0.1							-	1.4	-	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1	-
Chrysene	mg/kg	0.1							-	1.4	-	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1	-
Dibenz(a,h)anthracene	mg/kg	0.1							-	0.3	-	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1	-
Fluoranthene	mg/kg	0.1							-	1.9	-	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1	-
Fluorene	mg/kg	0.1							-	0.2	-	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1	-
Indeno(1,2,3-c,d)pyrene	mg/kg	0.1							-	1.1	-	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1	-
Phenanthrene	mg/kg	0.1							-	0.8	-	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1	-
Pyrene	mg/kg	0.1							-	3.3	-	<0.1	<0.1	<0.1	-	<0.1	-	0.1	<0.1	-	<0.1	<0.1	-	<0.1	-
PAHs (Sum of total)	mg/kg	1.55			20	40	100		-	<17.23	-	<1.55	<1.55	<1.55	-	<1.55	-	<1.56	<1.55	-	<1.55	<1.55	-	<1.55	-
Phenols																								
Phenolics Total	mg/kg	0.5			8500	17000	42500		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB																								
PCBs (Sum of total)	mg/kg	0.9			10	20	50		-	<0.9	-	<0.9	<0.9	<0.9	-	<0.9	-	<0.9	<0.9	-	<0.9	<0.9	-	<0.9	-
TRH																								
TRH C 6 - C 9 Fraction	mg/kg	20	65						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRH C10 - C14 Fraction	mg/kg	20							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRH C15 - C28 Fraction	mg/kg	50							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRH C29-C36 Fraction	mg/kg	50							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRH C10 - C36 (Sum of total)	mg/kg		1000						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BTEX																								
Benzene	mg/kg	0.5	1						-	<0.5	-	<0.5	<0.5	<0.5	-	<0.5	-	<0.5	<0.5	-	<0.5	<0.5	-	<0.5	-
Ethylbenzene	mg/kg	0.5	3.1						-	<0.5	-	<0.5	<0.5	<0.5	-	<0.5	-	<0.5	<0.5	-	<0.5	<0.5	-	<0.5	-
Toluene	mg/kg	0.5	1.4						-	<0.5	-	<0.5	<0.5	<0.5	-	<0.5	-	<0.5	<0.5	-	<0.5	<0.5	-	<0.5	-
Xylene Total	mg/kg	1.5	14						-	<1.5	-	<1.5	<1.5	<1.5	-	<1.5	-	<1.5	<1.5	-	<1.5	<1.5	-	<1.5	-
VOC																								
Total VOC (52)	mg/kg	26							-	<26	-	<26	<26	<26	-	<26	-	<26	<26	-	<26	<26	-	<26	-

Table LR4 - Summary of Soil Analytical Results - Lot 1 and Lot 54 - Former Landfill

Field_ID									ETP110	HA8	HA9	HA9	HA10	HA11	HA12	HA13	ST8	ST9	ST10	ST11
Sample_Depth_Range									0-0.1	0.4-0.5	0-0.1	0.4-0.5	0-0.1	0-0.1	0-0.1	0-0.1	-	-	-	-
Sampled_Date-Time									25/09/2007	27/09/2007	27/09/2007	27/09/2007	27/09/2007	27/09/2007	27/09/2007	27/09/2007	24/09/2007	24/09/2007	24/09/2007	24/09/2007
Purpose									Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill	Landfill
Sample_Type									Test pit	Hand Auger	Hand Auger	Hand Auger	Hand Auger	Hand Auger	Hand Auger	Hand Auger	Stockpile	Stockpile	Stockpile	Stockpile
ChemName	**Units**	**EQL**	**EPA 1994**	**EIL**	**HIL A**	**HIL E**	**HIL F**	**NSW DoH**												
Inorganics																				
Cyanide Total	mg/kg	0.5			250	500	1250		-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5
Sulfate	mg/kg	2		2000					-	-	-	-	-	-	-	-	120	9.5	380	8
Asbestos ID in soil	-							Detect	-	-	nd	-	nd	nd	-	nd	detect	nd	nd	nd
Asbestos ID in fragment	-							Detect	-	-	-	-	-	-	-	-	-	-	-	-
Metals																				
Arsenic	mg/kg	3		20	100	200	500		<3	10	6	5	5	5	3	5	5	<3	<3	<3
Cadmium	mg/kg	0.1		3	20	40	100		<0.1	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.3	0.1	<0.1	0.2
Chromium (total)	mg/kg	0.3		400	120000	240000	600000		1.9	8.4	8.5	13	8.2	11	92	20	4.2	5.1	3.6	6.9
Copper	mg/kg	0.5		100	1000	2000	5000		0.93	7	5.5	5.6	6.9	3.9	23	22	3.5	1.1	4.3	13
Lead	mg/kg	1		600	300	600	1500		5	12	11	16	13	9.2	9.4	8	17	7	12	8
Mercury	mg/kg	0.05		1	15	30	75		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Nickel	mg/kg	0.5		60	600	600	3000		<0.5	4.4	3.5	3.5	5	2.3	35	9.8	2.3	0.93	2.4	9.3
Zinc	mg/kg	0.3		200	7000	14000	35000		3.1	24	110	14	28	10	56	73	12	4.3	18	38
OCP																				
Aldrin + Dieldrin	mg/kg	0.2			10	20	50		-	<0.2	-	<0.2	-	-	<0.2	-	<0.2	<0.2	<0.2	<0.2
cis-Chlordane	mg/kg	0.1			50	100	250		-	<0.2	-	<0.2	-	-	<0.2	-	<0.2	<0.2	<0.2	<0.2
DDT+DDE+DDD	mg/kg	0.3			200	400	1000		-	<0.3	-	<0.3	-	-	<0.3	-	<0.3	<0.3	<0.3	<0.3
Heptachlor	mg/kg	0.1			10	20	50		-	<0.1	-	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1
OPP																				
Chlorpyrifos	mg/kg	0.1							-	<0.1	-	<0.1	-	-	<0.1	-	-	-	-	-
Ethion	mg/kg	0.1							-	<0.1	-	<0.1	-	-	<0.1	-	-	-	-	-
Fenitrothion	mg/kg	0.1							-	<0.1	-	<0.1	-	-	<0.1	-	-	-	-	-
Bromophos-ethyl	mg/kg	0.1							-	<0.1	-	<0.1	-	-	<0.1	-	-	-	-	-
PAH																				
Acenaphthene	mg/kg	0.1							-	<0.1	-	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1
Acenaphthylene	mg/kg	0.1							-	<0.1	-	<0.1	-	-	0.3	-	0.2	<0.1	<0.1	0.1
Anthracene	mg/kg	0.1							-	<0.1	-	<0.1	-	-	0.4	-	0.1	<0.1	<0.1	<0.1
Benz(a)anthracene	mg/kg	0.1							-	<0.1	-	<0.1	-	-	1.4	-	0.2	<0.1	<0.1	0.2
Benzo(a) pyrene	mg/kg	0.05			1	2	5		-	<0.05	-	<0.05	-	-	0.96	-	0.29	<0.05	<0.05	0.26
Benzo(b)&(k)fluoranthene	mg/kg	0.2							-	<0.2	-	<0.2	-	-	1.6	-	0.3	<0.2	<0.2	0.3
Benzo(g,h,i)perylene	mg/kg	0.1							-	<0.1	-	<0.1	-	-	0.6	-	0.3	<0.1	<0.1	0.3
Chrysene	mg/kg	0.1							-	<0.1	-	<0.1	-	-	1	-	0.2	<0.1	<0.1	0.2
Dibenz(a,h)anthracene	mg/kg	0.1							-	<0.1	-	<0.1	-	-	0.2	-	<0.1	<0.1	<0.1	<0.1
Fluoranthene	mg/kg	0.1							-	<0.1	-	<0.1	-	-	2.9	-	0.2	<0.1	<0.1	0.2
Fluorene	mg/kg	0.1							-	<0.1	-	<0.1	-	-	0.1	-	<0.1	<0.1	<0.1	<0.1
Indeno(1,2,3-c,d)pyrene	mg/kg	0.1							-	<0.1	-	<0.1	-	-	0.6	-	0.2	<0.1	<0.1	0.2
Phenanthrene	mg/kg	0.1							-	<0.1	-	<0.1	-	-	1.9	-	0.2	<0.1	<0.1	0.1
Pyrene	mg/kg	0.1							-	<0.1	-	<0.1	-	-	2.8	-	0.4	<0.1	<0.1	0.4
PAHs (Sum of total)	mg/kg	1.55			20	40	100		-	<1.55	-	<1.55	-	-	<14.96	-	<2.99	<1.55	<1.55	<2.76
Phenols																				
Phenolics Total	mg/kg	0.5			8500	17000	42500		-	-	-	-	-	-	-	-	<0.5	<0.5	0.6	<0.5
PCB																				
PCBs (Sum of total)	mg/kg	0.9			10	20	50		-	<0.9	-	<0.9	-	-	<0.9	-	<0.9	<0.9	<0.9	<0.9
TRH																				
TRH C 6 - C 9 Fraction	mg/kg	20	65						-	-	-	-	-	-	-	-	<20	<20	<20	<20
TRH C10 - C14 Fraction	mg/kg	20							-	-	-	-	-	-	-	-	<20	<20	<20	<20
TRH C15 - C28 Fraction	mg/kg	50							-	-	-	-	-	-	-	-	<50	<50	59	<50
TRH C29-C36 Fraction	mg/kg	50							-	-	-	-	-	-	-	-	55	<50	65	95
TRH C10 - C36 (Sum of total)	mg/kg		1000						-	-	-	-	-	-	-	-	90	<120	134	130
BTEX																				
Benzene	mg/kg	0.5	1						-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	mg/kg	0.5	3.1						-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5
Toluene	mg/kg	0.5	1.4						-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5
Xylene Total	mg/kg	1.5	14						-	<1.5	-	<1.5	-	-	<1.5	-	<1.5	<1.5	<1.5	<1.5
VOC																				
Total VOC (52)	mg/kg	26							-	<26	-	<26	-	-	<26	-	-	-	-	-

Table LR5 - Summary of Soil Analytical Results - Lots 54 and 55 - Eastern Forested Area

Field_ID									SS1	SS17	SS25	SS26	SS27	ST1	ST2	ST3	ST4
Sample_Depth_Range									0.0-0.05	0.0-0.05	0-0.05	0-0.05	0-0.05	-	-	-	-
Sampled_Date-Time									19/09/2007	20/09/2007	19/09/2007	19/09/2007	19/09/2007	24/09/2007	24/09/2007	24/09/2007	24/09/2007
Purpose									Background	Background	Lot 55	Lot 55	Lot 55	Lot 55	Lot 55	Lot 55	Lot 55
Sample_Type									Surface	Surface	Track	Track	Track	Stockpile	Stockpile	Stockpile	Stockpile
ChemName	**Units**	**EQL**	**EPA 1994**	**EIL**	**HIL A**	**HIL E**	**HIL F**	**NSW DoH**									
Inorganics																	
Cyanide Total	mg/kg	0.5			250	500	1250		-	-	-	-	-	<0.5	<0.5	<0.5	<0.5
Sulphate	mg/kg	2		2000							-	-	-	31	2	<2	3
Asbestos ID in soil	-							Detect	-	-	nd	nd	nd	nd	nd	nd	nd
Metals																	
Arsenic	mg/kg	3		20	100	200	500		4	<3	3	3	4	<3	<3	<3	<3
Cadmium	mg/kg	0.1		3	20	40	100		0.1	0.1	0.2	0.2	0.1	0.3	0.2	0.2	<0.1
Chromium (total)	mg/kg	0.3		400	120000	240000	600000		3.6	5.2	8.5	5.8	3.1	11	5.7	5.1	4
Copper	mg/kg	0.5		100	1000	2000	5000		2.9	6.2	9.5	12	2.8	10	9	7.2	6.7
Lead	mg/kg	1		600	300	600	1500		12	5	13	11	5	27	15	21	14
Mercury	mg/kg	0.05		1	15	30	75		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Nickel	mg/kg	0.5		60	600	600	3000		2.3	7.7	11	14	1.2	5.7	11	4.9	5.6
Zinc	mg/kg	0.3		200	7000	14000	35000		14	11	42	23	7.6	28	25	32	24
OCP																	
Aldrin + Dieldrin	mg/kg	0.2			10	20	50		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Chlordane	mg/kg	0.2			50	100	250		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DDT+DDE+DDD	mg/kg	0.3			200	400	1000		<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Heptachlor	mg/kg	0.1			10	20	50		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
OPP																	
Chlorpyrifos	mg/kg	0.1							<0.1	<0.1	-	-	-	-	-	-	-
Ethion	mg/kg	0.1							<0.1	<0.1	-	-	-	-	-	-	-
Fenitrothion	mg/kg	0.1							<0.1	<0.1	-	-	-	-	-	-	-
Bromophos-ethyl	mg/kg	0.1							<0.1	<0.1	-	-	-	-	-	-	-
PAH/Phenols																	
Benz(a)anthracene	mg/kg	0.1							<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1	0.4	<0.1
Benzo(a) pyrene	mg/kg	0.05			1	2	5		<0.05	<0.05	<0.05	0.06	<0.05	<0.05	0.2	0.9	<0.05
Benzo(b)&(k)fluoranthene	mg/kg	0.2							<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.4	1.8	<0.2
Benzo(g,h,i)perylene	mg/kg	0.1							<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	1.2	<0.1
Chrysene	mg/kg	0.1							<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1	0.6	<0.1
Dibenz(a,h)anthracene	mg/kg	0.1							<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	<0.1
Fluoranthene	mg/kg	0.1							<0.1	<0.1	<0.1	<0.1	<2.6	<0.1	0.3	0.5	<0.1
Indeno(1,2,3-c,d)pyrene	mg/kg	0.1							<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	1	<0.1
Phenanthrene	mg/kg	0.1							<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	<0.1
Pyrene	mg/kg	0.1							<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.3	0.5	<0.1
PAHs (Sum of total)	mg/kg	1.55			20	40	100		<1.55	<1.55	<1.55	<1.56	<4.05	<1.55	<2.5	<7.55	<1.55
Phenols																	
Phenolics Total	mg/kg	0.5			8500	17000	42500		-	-	-	-	-	<0.5	0.6	<0.5	<0.5
PCB																	
PCBs (Sum of total)	mg/kg	0.9			10	20	50		<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9
TRH																	
TRH C 6 - C 9 Fraction	mg/kg	20	65						-	-	<20	<20	<20	<20	<20	<20	<20
TRH C10 - C14 Fraction	mg/kg	20							-	-	<20	<20	41	<20	<20	<20	<20
TRH C15 - C28 Fraction	mg/kg	50							-	-	<50	<50	350	<50	<50	<50	<50
TRH C29-C36 Fraction	mg/kg	50							-	-	<50	160	170	<50	<50	55	<50
TRH C10 - C36 (Sum of total)	mg/kg		1000						-	-	<120	195	561	<120	<120	90	<120
BTEX																	
Benzene	mg/kg	0.5	1						-	-	-	-	-	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	mg/kg	0.5	3.1						-	-	-	-	-	<0.5	<0.5	<0.5	<0.5
Toluene	mg/kg	0.5	1.4						-	-	-	-	-	<0.5	<0.5	<0.5	<0.5
Xylene Total	mg/kg	1.5	14						-	-	-	-	-	<1.5	<1.5	<1.5	<1.5

Table LR6 - Summary of Soil Analytical Results - Lot 4 - Southern Forested Area

Field_ID									G9	SS81	ST18	ST19
Sample_Depth_Range									0-0.05	SS81	-	-
Sampled_Date-Time									24/09/2007	20/09/2007	24/09/2007	24/09/2007
Purpose									Lot 4	Background	Lot 4	Lot 4
Sample_Type									Gully	Surface	Stockpile	Stockpile
ChemName	**Units**	**EQL**	**EPA 1994**	**EIL**	**HIL A**	**HIL E**	**HIL F**	**NSW DoH**				
Inorganics												
Cyanide Total	mg/kg	0.5			250	500	1250		-	-	<0.5	<0.5
Sulfate	mg/kg	2		2000					-	-	9.8	18
Asbestos ID in soil	-							Detect	-	-	nd	nd
Metals												
Arsenic	mg/kg	3		20	100	200	500		6	<3	10	11
Cadmium	mg/kg	0.1		3	20	40	100		<0.1	<0.1	0.4	0.2
Chromium (total)	mg/kg	0.3		400	120000	240000	600000		2	2.3	6	6.2
Copper	mg/kg	0.5		100	1000	2000	5000		2.5	2.1	7.7	8.2
Lead	mg/kg	1		600	300	600	1500		4	6	12	9.6
Mercury	mg/kg	0.05		1	15	30	75		<0.05	<0.05	<0.05	<0.05
Nickel	mg/kg	0.5		60	600	600	3000		0.6	0.8	3.3	2.7
Zinc	mg/kg	0.3		200	7000	14000	35000		2.5	7.7	22	18
OCP												
Aldrin + Dieldrin	mg/kg	0.2			10	20	50		<0.2	<0.2	<0.2	<0.2
Chlordane	mg/kg	0.2			50	100	250		<0.2	<0.2	<0.2	<0.2
DDT+DDE+DDD	mg/kg	0.3			200	400	1000		<0.3	<0.3	<0.3	<0.3
Heptachlor	mg/kg	0.1			10	20	50		<0.1	<0.1	<0.1	<0.1
OPP												
Chlorpyrifos	mg/kg	0.1							<0.1	<0.1	-	-
Ethion	mg/kg	0.1							<0.1	<0.1	-	-
Fenitrothion	mg/kg	0.1							<0.1	<0.1	-	-
Bromophos-ethyl	mg/kg	0.1							<0.1	<0.1	-	-
PAH/Phenols												
Benzo(a) pyrene	mg/kg	0.05			1	2	5		<0.05	<0.05	<0.05	<0.05
PAHs (Sum of total)	mg/kg	1.55			20	40	100		<1.55	<1.55	<1.55	<1.55
Phenols												
Phenolics Total	mg/kg	0.5			8500	17000	42500		-	-	<0.5	<0.5
PCB												
PCBs (Sum of total)	mg/kg	0.9			10	20	50		-	<0.9	<0.9	<0.9
TRH												
TRH C 6 - C 9 Fraction	mg/kg	20	65						<20	-	<20	<20
TRH C10 - C14 Fraction	mg/kg	20							<20	-	<20	<20
TRH C15 - C28 Fraction	mg/kg	50							<50	-	<50	<50
TRH C29-C36 Fraction	mg/kg	50							<50	-	<50	<50
TRH C10 - C36 (Sum of total)	mg/kg		1000						<120	-	<120	<120
BTEX												
Benzene	mg/kg	0.5	1						-	-	<0.5	<0.5
Ethylbenzene	mg/kg	0.5	3.1						-	-	<0.5	<0.5
Toluene	mg/kg	0.5	1.4						-	-	<0.5	<0.5
Xylene Total	mg/kg	1.5	14						-	-	<1.5	<1.5

Table LR7 - Summary of Soil Analytical Results - Lot 51

Lot 51

Field_ID								ETP75	ETP75	ETP76	ETP77	ETP78	ETP78	ETP79	ETP80	ETP80	ETP81	ETP82	ETP82	ETP83
Sample_Depth_Range								0-0.1	0.5-0.6	0-0.1	0-0.1	0-0.1	0.4-0.5	0-0.1	0-0.1	0.4-0.5	0-0.1	0-0.1	0.4-0.5	0-0.1
Sampled_Date-Time								25/09/2007	25/09/2007	25/09/2007	25/09/2007	25/09/2007	25/09/2007	25/09/2007	25/09/2007	25/09/2007	25/09/2007	25/09/2007	25/09/2007	25/09/2007
Purpose								Lot 51	Lot 51	Lot 51	Lot 51	Lot 51	Lot 51	Lot 51	Lot 51	Lot 51	Lot 51	Lot 51	Lot 51	Lot 51
Sample_Type								Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit
ChemName	**Units**	**EQL**	**EPA 1994**	**EIL**	**HIL A**	**HIL E**	**HIL F**	**NSW DoH**												
Inorganics																				
Cyanide Total	mg/kg	0.5			250	500	1250		<0.5	-	<0.5	<0.5	-	-	<0.5	-	-	<0.5	<0.5	-	-
Sulate	mg/kg	2		2000					5	-	<2	4	-	-	5	-	-	7	6	-	-
Asbestos ID in soil	-							Detect	nd	-	nd	nd	-	-	nd	-	-	nd	nd	-	-
Asbestos ID in fragment	-							Detect	-	-	-	-	-	-	-	-	-	-	-	-	-
Metals																				
Arsenic	mg/kg	3		20	100	200	500		8	10	<3	8	12	8	8	4	<3	<3	4	5	<3
Cadmium	mg/kg	0.1		3	20	40	100		0.5	0.3	0.2	0.1	0.3	0.2	0.2	0.2	0.1	<0.1	0.2	0.3	0.1
Chromium (total)	mg/kg	0.3		400	120000	240000	600000		5.2	22	5.6	6.5	8.2	9	5.5	8.3	5.6	4.8	5.2	12	2.6
Copper	mg/kg	0.5		100	1000	2000	5000		7.1	11	6.8	8.8	11	11	9.5	8.8	7.1	6.6	7.3	12	3.8
Lead	mg/kg	1		600	300	600	1500		8	49	7	6	9.4	13	9.7	18	9	9	23	9.4	10
Mercury	mg/kg	0.05		1	15	30	75		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Nickel	mg/kg	0.5		60	600	600	3000		2.1	5.5	3.6	2.6	2.2	3.5	3	5.6	5.4	5.1	2.5	7	0.9
Zinc	mg/kg	0.3		200	7000	14000	35000		15	**920**	17	18	26	24	28	70	39	33	120	17	30
OCP																				
Aldrin + Dieldrin	mg/kg	0.2			10	20	50		<0.2	-	-	<0.2	-	-	<0.2	-	-	<0.2	<0.2	-	-
cis-Chlordane	mg/kg	0.1			50	100	250		<0.1	-	-	<0.1	-	-	<0.1	-	-	<0.1	<0.1	-	-
trans-chlordane	mg/kg	0.1							<0.1	-	-	<0.1	-	-	<0.1	-	-	<0.1	<0.1	-	-
DDT+DDE+DDD	mg/kg	0.3			200	400	1000		<0.3	-	-	<0.3	-	-	<0.3	-	-	<0.3	<0.3	-	-
Heptachlor	mg/kg	0.1			10	20	50		<0.1	-	-	<0.1	-	-	<0.1	-	-	<0.1	<0.1	-	-
Heptachlor epoxide	mg/kg	0.1							<0.1	-	-	<0.1	-	-	<0.1	-	-	<0.1	<0.1	-	-
trans-Nonachlor	mg/kg	0.1							<0.1	-	-	<0.1	-	-	<0.1	-	-	<0.1	<0.1	-	-
OPP																				
Chlorpyrifos	mg/kg	0.1							<0.1	-	-	<0.1	-	-	<0.1	-	-	<0.1	<0.1	-	-
Ethion	mg/kg	0.1							<0.1	-	-	<0.1	-	-	<0.1	-	-	<0.1	<0.1	-	-
Fenitrothion	mg/kg	0.1							<0.1	-	-	<0.1	-	-	<0.1	-	-	<0.1	<0.1	-	-
Bromophos-ethyl	mg/kg	0.1							<0.1	-	-	<0.1	-	-	<0.1	-	-	<0.1	<0.1	-	-
PAH/Phenols																				
Benzo(a) pyrene	mg/kg	0.05			1	2	5		<0.05	<0.05	-	<0.05	-	-	<0.05	-	-	<0.05	<0.05	-	-
PAHs (Sum of total)	mg/kg	1.55			20	40	100		<1.55	<1.55	-	<1.55	-	-	<1.55	-	-	<1.55	<1.55	-	-
Phenols																				
Phenolics Total	mg/kg	0.5			8500	17000	42500		0.6	<0.5	-	1.7	-	-	<0.5	-	-	0.6	1.6	-	-
PCB																				
PCBs (Sum of total)	mg/kg	0.9			10	20	50		<0.9	-	-	<0.9	-	-	<0.9	-	-	<0.9	<0.9	-	-
TRH																				
TRH C 6 - C 9 Fraction	mg/kg	20	65						<20	<20	-	<20	-	-	<20	-	-	<20	<20	-	-
TRH C10 - C14 Fraction	mg/kg	20							<20	<20	-	<20	-	-	<20	-	-	<20	<20	-	-
TRH C15 - C28 Fraction	mg/kg	50							<50	<50	-	<50	-	-	<50	-	-	<50	<50	-	-
TRH C29-C36 Fraction	mg/kg	50							<50	<50	-	<50	-	-	<50	-	-	<50	<50	-	-
TRH C10 - C36 (Sum of total)	mg/kg		1000						<120	<120	-	<120	-	-	<120	-	-	<120	<120	-	-
BTEX																				
Benzene	mg/kg	0.5	1						<0.5	<0.5	-	<0.5	-	-	<0.5	-	-	<0.5	<0.5	-	-
Ethylbenzene	mg/kg	0.5	3.1						<0.5	<0.5	-	<0.5	-	-	<0.5	-	-	<0.5	<0.5	-	-
Toluene	mg/kg	0.5	1.4						<0.5	<0.5	-	<0.5	-	-	<0.5	-	-	<0.5	<0.5	-	-
Xylene Total	mg/kg	1.5	14						<1.5	<1.5	-	<1.5	-	-	<1.5	-	-	<1.5	<1.5	-	-

Table LR7 - Summary of Soil Analytical Results - Lot 51

Lot 51

Field_ID								ETP84	ETP84	ETP89	ETP93	ETP93	ETP94	ETP95	ETP95	ETP96	ETP97	ETP105	ETP105	ETP106	ETP106
Sample_Depth_Range								0-0.1	0.4-0.5	0-0.1	0-0.1	0.4-0.5	0-0.1	0-0.1	0.4-0.5	0-0.1	0-0.1	0-0.1	0.4-0.5	0-0.1	0.4-0.5
Sampled_Date-Time								25/09/2007	25/09/2007	25/09/2007	25/09/2007	25/09/2007	25/09/2007	25/09/2007	25/09/2007	25/09/2007	25/09/2007	25/09/2007	25/09/2007	25/09/2007	25/09/2007
Purpose								Lot 51	Lot 51	Lot 51	Lot 51	Lot 51	Lot 51	Lot 51	Lot 51	Lot 51	Lot 51	Lot 51	Lot 51	Lot 51	Lot 51
Sample_Type								Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit
ChemName	**Units**	**EQL**	**EPA 1994**	**EIL**	**HIL A**	**HIL E**	**HIL F**	**NSW DoH**													
Inorganics																					
Cyanide Total	mg/kg	0.5			250	500	1250		-	-	<0.5	-	-	<0.5	-	-	-	-	-	-	-
Sulate	mg/kg	2		2000					-	-	91	-	-	4	-	-	-	-	-	-	-
Asbestos ID in soil	-							Detect	-	-	nd	-	-	detect smf	-	-	-	-	-	-	-
Asbestos ID in fragment	-							Detect	-	-	-	-	-	-	-	-	-	-	-	-	-
Metals																					
Arsenic	mg/kg	3		20	100	200	500		4	6	4	7	**31**	3	8	10	10	7	7	8	6	5
Cadmium	mg/kg	0.1		3	20	40	100		0.1	0.2	0.2	0.2	1.1	0.1	0.2	0.4	0.2	<0.1	<0.3	<0.3	<0.3	<0.3
Chromium (total)	mg/kg	0.3		400	120000	240000	600000		3.5	7.2	3	7.1	23	4.3	9.9	10	6.5	4.3	4.2	4.6	3.9	6.1
Copper	mg/kg	0.5		100	1000	2000	5000		4.4	2.3	3.8	5	6.3	7	9.1	8.8	5.6	5.2	3.4	3.6	4.4	3
Lead	mg/kg	1		600	300	600	1500		9.4	9	9	11	46	9.5	12	18	11	6	17	9.2	22	8
Mercury	mg/kg	0.05		1	15	30	75		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Nickel	mg/kg	0.5		60	600	600	3000		1.3	1.9	1.2	3.9	3.2	2.1	5.6	4.3	2.2	2.1	1.2	1.2	0.94	3.8
Zinc	mg/kg	0.3		200	7000	14000	35000		83	7.7	52	27	23	75	26	25	15	14	58	9.7	45	9.5
OCP																					
Aldrin + Dieldrin	mg/kg	0.2			10	20	50		-	-	0.35	-	-	<0.2	-	-	<0.2	<0.2	-	-	<0.2	-
cis-Chlordane	mg/kg	0.1			50	100	250		-	-	0.99	-	-	<0.1	-	-	<0.1	<0.1	-	-	<0.1	-
trans-chlordane	mg/kg	0.1							-	-	1.5	-	-	<0.1	-	-	<0.1	<0.1	-	-	<0.1	-
DDT+DDE+DDD	mg/kg	0.3			200	400	1000		-	-	<0.3	-	-	<0.3	-	-	<0.3	<0.3	-	-	<0.3	-
Heptachlor	mg/kg	0.1			10	20	50		-	-	<0.1	-	-	<0.1	-	-	<0.1	<0.1	-	-	<0.1	-
Heptachlor epoxide	mg/kg	0.1							-	-	0.2	-	-	<0.1	-	-	<0.1	<0.1	-	-	<0.1	-
trans-Nonachlor	mg/kg	0.1							-	-	0.8	-	-	<0.1	-	-	<0.1	<0.1	-	-	<0.1	-
OPP																					
Chlorpyrifos	mg/kg	0.1							-	-	<0.1	-	-	<0.1	-	-	<0.1	<0.1	-	-	<0.1	-
Ethion	mg/kg	0.1							-	-	<0.1	-	-	<0.1	-	-	<0.1	<0.1	-	-	<0.1	-
Fenitrothion	mg/kg	0.1							-	-	<0.1	-	-	<0.1	-	-	<0.1	<0.1	-	-	<0.1	-
Bromophos-ethyl	mg/kg	0.1							-	-	<0.1	-	-	<0.1	-	-	<0.1	<0.1	-	-	<0.1	-
PAH/Phenols																					
Benzo(a) pyrene	mg/kg	0.05			1	2	5		-	-	<0.05	-	-	<0.05	-	-	-	-	-	-	-	-
PAHs (Sum of total)	mg/kg	1.55			20	40	100		-	-	<1.55	-	-	<1.75	-	-	-	-	-	-	-	-
Phenols																					
Phenolics Total	mg/kg	0.5			8500	17000	42500		-	-	<0.5	-	-	1.7	-	-	-	-	-	-	-	-
PCB																					
PCBs (Sum of total)	mg/kg	0.9			10	20	50		-	-	<0.9	-	-	<0.9	-	-	<0.9	<0.9	-	-	<0.9	-
TRH																					
TRH C 6 - C 9 Fraction	mg/kg	20	65						-	-	<20	-	-	<20	-	-	-	-	-	-	-	-
TRH C10 - C14 Fraction	mg/kg	20							-	-	<20	-	-	<20	-	-	-	-	-	-	-	-
TRH C15 - C28 Fraction	mg/kg	50							-	-	<50	-	-	92	-	-	-	-	-	-	-	-
TRH C29-C36 Fraction	mg/kg	50							-	-	<50	-	-	150	-	-	-	-	-	-	-	-
TRH C10 - C36 (Sum of total)	mg/kg		1000						-	-	<120	-	-	252	-	-	-	-	-	-	-	-
BTEX																					
Benzene	mg/kg	0.5	1						-	-	<0.5	-	-	<0.5	-	-	-	-	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	mg/kg	0.5	3.1						-	-	<0.5	-	-	<0.5	-	-	-	-	<0.5	<0.5	<0.5	<0.5
Toluene	mg/kg	0.5	1.4						-	-	<0.5	-	-	<0.5	-	-	-	-	<0.5	<0.5	<0.5	<0.5
Xylene Total	mg/kg	1.5	14						-	-	<1.5	-	-	<1.5	-	-	-	-	<1.5	<1.5	<1.5	<1.5

Table LR8 Summary of Soil Analytical Results - Lot 52 - Former Rural Residential

Field_ID									ETP98	ETP99	ETP100	ETP100	ETP101	ETP101	ETP102	ETP103	ETP103	ETP104	ETP104	G8	ST15
Sample_Depth_Range									0-0.1	0-0.1	0-0.1	0.4-0.5	0-0.1	0.4-0.5	0-0.1	0-0.1	0.4-0.5	0-0.1	0.4-0.5	0-0.05	-
Sampled_Date-Time									25/09/2007	25/09/2007	25/09/2007	25/09/2007	25/09/2007	25/09/2007	25/09/2007	25/09/2007	25/09/2007	25/09/2007	25/09/2007	24/09/2007	24/09/2007
Purpose									Lot 52	Lot 52	Lot 52	Lot 52	Lot 52	Lot 52	Lot 52	Lot 52	Lot 52	Lot 52	Lot 52	Lot 52	Lot 52
Sample_Type									Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Test Pit	Gully	Stockpile
ChemName	**Units**	**EQL**	**EPA 1994**	**EIL**	**HIL A**	**HIL E**	**HIL F**	**NSW DoH**													
Inorganics																					
Cyanide Total	mg/kg	0.5			250	500	1250		-	-	<0.5	-	-	-	-	<0.5	-	<0.5	-	-	<0.5
Sulfate	mg/kg	2		2000					-	-	8	-	-	-	-	14	-	6	-	-	9.4
Asbestos ID in soil	-							Detect	-	-	nd	-	-	-	-	nd	-	nd	-	-	nd
Metals																					
Arsenic	mg/kg	3		20	100	200	500		<3	4	4	4	<3	3	5	3	4	<3	<3	<3	5
Cadmium	mg/kg	0.1		3	20	40	100		0.1	0.2	0.3	0.2	0.3	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.2
Chromium (total)	mg/kg	0.3		400	120000	240000	600000		3.9	3.8	5.2	5.3	4.3	4.3	3.7	3.3	6.4	6	2.3	5.5	5.5
Copper	mg/kg	0.5		100	1000	2000	5000		4.4	11	24	1.4	12	5.4	23	5.6	6.2	8.9	0.93	8	4.9
Lead	mg/kg	1		600	300	600	1500		42	17	33	6	26	8	13	15	12	24	6	10	7
Mercury	mg/kg	0.05		1	15	30	75		<0.05	<0.05	0.05	<0.05	<0.05	<0.05	0.09	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Nickel	mg/kg	0.5		60	600	600	3000		1.9	2.2	1.9	1.3	2	1.7	1.3	1.7	4.1	3.9	1.3	2.3	1.1
Zinc	mg/kg	0.3		200	7000	14000	35000		61	85	**210**	8.9	120	22	100	63	23	130	4.6	52	21
OCP																					
Aldrin + Dieldrin	mg/kg	0.2			10	20	50		<0.2	<0.2	<0.2	-	-	-	<0.2	<0.2	-	<0.2	-	<0.2	<0.2
cis-Chlordane	mg/kg	0.1							<0.1	<0.1	0.1	-	-	-	<0.1	<0.1	-	<0.1	-	<0.1	<0.1
trans-chlordane	mg/kg	0.1			50	100	250		<0.1	<0.1	0.9	-	-	-	<0.1	<0.1	-	<0.1	-	<0.1	<0.1
DDT+DDE+DDD	mg/kg	0.3			200	400	1000		<0.3	<0.3	<0.3	-	-	-	<0.3	<0.3	-	<0.3	-	<0.3	<0.3
Heptachlor	mg/kg	0.1			10	20	50		<0.1	<0.1	0.5	-	-	-	<0.1	<0.1	-	<0.1	-	<0.1	<0.1
Heptachlor epoxide	mg/kg	0.1							<0.1	<0.1	0.7	-	-	-	<0.1	<0.1	-	<0.1	-	<0.1	<0.1
OPP																					
Chlorpyrifos	mg/kg	0.1							<0.1	<0.1	<0.1	-	-	-	<0.1	<0.1	-	<0.1	-	<0.1	-
Ethion	mg/kg	0.1							<0.1	<0.1	<0.1	-	-	-	<0.1	<0.1	-	<0.1	-	<0.1	-
Fenitrothion	mg/kg	0.1							<0.1	<0.1	<0.1	-	-	-	<0.1	<0.1	-	<0.1	-	<0.1	-
Bromophos-ethyl	mg/kg	0.1							<0.1	<0.1	<0.1	-	-	-	<0.1	<0.1	-	<0.1	-	<0.1	-
PAH/Phenols																					
Acenaphthylene	mg/kg	0.1							-	-	0.1	-	<0.1	-	-	<0.1	-	<0.1	-	<0.1	<0.1
Benz(a)anthracene	mg/kg	0.1							-	-	0.1	-	<0.1	-	-	<0.1	-	<0.1	-	<0.1	<0.1
Benzo(a) pyrene	mg/kg	0.05			1	2	5		-	-	0.12	-	0.06	-	-	<0.05	-	<0.05	-	<0.05	<0.05
Chrysene	mg/kg	0.1							-	-	0.1	-	<0.1	-	-	<0.1	-	<0.1	-	<0.1	<0.1
Fluoranthene	mg/kg	0.1							-	-	0.1	-	0.1	-	-	<0.1	-	<0.1	-	<0.1	<0.1
Pyrene	mg/kg	0.1							-	-	0.2	-	0.1	-	-	<0.1	-	<0.1	-	<0.1	<0.1
PAHs (Sum of total)	mg/kg	1.55			20	40	100		-	-	<1.72	-	<1.56	-	-	<1.55	-	<1.55	-	<1.55	<1.55
Phenols																					
Phenolics Total	mg/kg	0.5			8500	17000	42500		-	-	<0.5	-	1.9	-	-	2.5	-	1.2	-	-	<0.5
PCB																					
PCBs (Sum of total)	mg/kg	0.9			10	20	50		-	-	-	-	-	-	-	-	-	-	-	-	<0.9
TRH																					
TRH C 6 - C 9 Fraction	mg/kg	20	65						-	-	<20	-	<20	-	-	<20	-	<20	-	<20	<20
TRH C10 - C14 Fraction	mg/kg	20							-	-	<20	-	<20	-	-	<20	-	<20	-	<20	<20
TRH C15 - C28 Fraction	mg/kg	50							-	-	<50	-	<50	-	-	<50	-	<50	-	<50	<50
TRH C29-C36 Fraction	mg/kg	50							-	-	<50	-	<50	-	-	<50	-	<50	-	<50	<50
TRH C10 - C36 (Sum of total)	mg/kg		1000						-	-	<120	-	<120	-	-	<120	-	<120	-	<120	<120
BTEX																					
Benzene	mg/kg	0.5	1						-	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	-	-	<0.5
Ethylbenzene	mg/kg	0.5	3.1						-	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	-	-	<0.5
Toluene	mg/kg	0.5	1.4						-	-	<0.5	-	<0.5	-	-	<0.5	-	<0.5	-	-	<0.5
Xylene Total	mg/kg	1.5	14						-	-	<1.5	-	<1.5	-	-	<1.5	-	<1.5	-	-	<1.5

Table LR8 Summary of Soil Analytical Results - Lot 52 - Former Rural Residential

Field_ID									ST16	ST17	T1	T2
Sample_Depth_Range									-	-	0-0.05	0-0.05
Sampled_Date-Time									24/09/2007	24/09/2007	24/09/2007	24/09/2007
Purpose									Lot 52	Lot 52	Lot 52	Lot 52
Sample_Type									Stockpile	Stockpile	Track	Track
ChemName	**Units**	**EQL**	**EPA 1994**	**EIL**	**HIL A**	**HIL E**	**HIL F**	**NSW DoH**				
Inorganics												
Cyanide Total	mg/kg	0.5			250	500	1250		<0.5	<0.5	-	-
Sulfate	mg/kg	2		2000					12	15	-	-
Asbestos ID in soil	-							Detect	detect	detect	nd	nd
Metals												
Arsenic	mg/kg	3		20	100	200	500		5	6	<3	<3
Cadmium	mg/kg	0.1		3	20	40	100		0.2	0.2	0.2	0.3
Chromium (total)	mg/kg	0.3		400	120000	240000	600000		5.7	7	7.1	9
Copper	mg/kg	0.5		100	1000	2000	5000		4.1	4.9	14	18
Lead	mg/kg	1		600	300	600	1500		10	9	7	8
Mercury	mg/kg	0.05		1	15	30	75		<0.05	<0.05	<0.05	<0.05
Nickel	mg/kg	0.5		60	600	600	3000		1.4	1.4	9.8	13
Zinc	mg/kg	0.3		200	7000	14000	35000		26	17	41	53
OCP												
Aldrin + Dieldrin	mg/kg	0.2			10	20	50		<0.2	<0.2	<0.2	<0.2
cis-Chlordane	mg/kg	0.1			50	100	250		<0.1	<0.1	<0.1	<0.1
trans-chlordane	mg/kg	0.1							<0.1	<0.1	<0.1	<0.1
DDT+DDE+DDD	mg/kg	0.3			200	400	1000		<0.3	<0.3	<0.3	<0.3
Heptachlor	mg/kg	0.1			10	20	50		<0.1	<0.1	<0.1	<0.1
Heptachlor epoxide	mg/kg	0.1							<0.1	<0.1	<0.1	<0.1
OPP												
Chlorpyrifos	mg/kg	0.1							-	-	-	-
Ethion	mg/kg	0.1							-	-	-	-
Fenitrothion	mg/kg	0.1							-	-	-	-
Bromophos-ethyl	mg/kg	0.1							-	-	-	-
PAH/Phenols												
Acenaphthylene	mg/kg	0.1							<0.1	<0.1	<0.1	<0.1
Benz(a)anthracene	mg/kg	0.1							<0.1	<0.1	<0.1	<0.1
Benzo(a) pyrene	mg/kg	0.05			1	2	5		<0.05	<0.05	<0.05	<0.05
Chrysene	mg/kg	0.1							<0.1	<0.1	<0.1	<0.1
Fluoranthene	mg/kg	0.1							<0.1	<0.1	<0.1	<0.1
Pyrene	mg/kg	0.1							<0.1	<0.1	<0.1	<0.1
PAHs (Sum of total)	mg/kg	1.55			20	40	100		<1.55	<1.55	<1.55	<1.55
Phenols												
Phenolics Total	mg/kg	0.5			8500	17000	42500		<0.5	<0.5	-	-
PCB												
PCBs (Sum of total)	mg/kg	0.9			10	20	50		<0.9	<0.9	<0.9	<0.9
TRH												
TRH C 6 - C 9 Fraction	mg/kg	20	65						<20	<20	<20	<20
TRH C10 - C14 Fraction	mg/kg	20							<20	<20	<20	<20
TRH C15 - C28 Fraction	mg/kg	50							<50	<50	<50	<50
TRH C29-C36 Fraction	mg/kg	50							<50	<50	<50	<50
TRH C10 - C36 (Sum of total)	mg/kg		1000						<120	<120	<120	<120
BTEX												
Benzene	mg/kg	0.5	1						<0.5	<0.5	<0.5	<0.5
Ethylbenzene	mg/kg	0.5	3.1						<0.5	<0.5	<0.5	<0.5
Toluene	mg/kg	0.5	1.4						<0.5	<0.5	<0.5	<0.5
Xylene Total	mg/kg	1.5	14						<1.5	<1.5	<1.5	<1.5

Table LR9 - Summary of Soil Analytical Results - Lot 1 DP375712 & Lot 1 DP371647 - Track

Field_ID									SS93	SS94	SS95	SS96
Sample_Depth_Range									0-0.05	0-0.05	0-0.05	0-0.05
Sampled_Date-Time									20/09/2007	20/09/2007	20/09/2007	20/09/2007
Purpose									Lot 1	Lot 1	Lot 1	Lot 1
Sample_Type									Track	Track	Track	Track
ChemName	**Units**	**EQL**	**EPA 1994**	**EIL**	**HIL A**	**HIL E**	**HIL F**	**NSW DoH**				
Inorganics												
Asbestos ID in soil	-							Detect	nd	nd	nd	nd
Metals												
Arsenic	mg/kg	3		20	100	200	500		6	3	5	3
Cadmium	mg/kg	0.1		3	20	40	100		0.2	<0.1	0.2	<0.1
Chromium (total)	mg/kg	0.3		400	120000	240000	600000		3.8	4.6	10	1.9
Copper	mg/kg	0.5		100	1000	2000	5000		2.2	8	6.8	1.3
Lead	mg/kg	1		600	300	600	1500		9	3	6	4
Mercury	mg/kg	0.05		1	15	30	75		<0.05	<0.05	<0.05	<0.05
Nickel	mg/kg	0.5		60	600	600	3000		0.8	9.3	7.7	<0.5
Zinc	mg/kg	0.3		200	7000	14000	35000		14	12	15	3.1
OCP												
Aldrin + Dieldrin	mg/kg	0.2			10	20	50		<0.2	<0.2	<0.2	<0.2
Chlordane	mg/kg	0.2			50	100	250		<0.2	<0.2	<0.2	<0.2
DDT+DDE+DDD	mg/kg				200	400	1000		<0.3	<0.3	<0.3	<0.3
Heptachlor	mg/kg	0.1			10	20	50		<0.1	<0.1	<0.1	<0.1
PAH												
Benzo(a) pyrene	mg/kg	0.05			1	2	5		<0.05	<0.05	<0.05	<0.05
PAHs (Sum of total)	mg/kg	1.55			20	40	100		<1.65	<1.55	<1.55	<1.55
PCB												
PCBs (Sum of total)	mg/kg	0.9			10	20	50		<0.9	<0.9	<0.9	<0.9
TRH												
TRH C 6 - C 9 Fraction	mg/kg	20	65						<20	<20	<20	<20
TRH C10 - C14 Fraction	mg/kg	20							<20	<20	<20	<20
TRH C15 - C28 Fraction	mg/kg	50							<50	<50	<50	<50
TRH C29-C36 Fraction	mg/kg	50							<50	<50	<50	<50
TRH C10 - C36 (Sum of total)	mg/kg		1000						<120	<120	<120	<120
BTEX												
Benzene	mg/kg	0.5	1						<0.5	<0.5	<0.5	<0.5
Ethylbenzene	mg/kg	0.5	3.1						<0.5	<0.5	<0.5	<0.5
Toluene	mg/kg	0.5	1.4						<0.5	<0.5	<0.5	<0.5
Xylene Total	mg/kg	1.5	14						<1.5	<1.5	<1.5	<1.5

Table LR10 - Summary of Water Analytical Results

Field_ID									DW-1	DW-2	DW-3	DW-4	MW1	MW2	MW3	MW4	MW5	MW7
Sampled_Date-Time									3/10/2007	24/09/2007	24/09/2007	24/09/2007	3/10/2007	3/10/2007	3/10/2007	3/10/2007	3/10/2007	3/10/2007
Water Type									Dam	Dam	Dam	Dam	GW	Gully	Dam	GW	GW	GW
Purpose									Nursey	Nursey	Nursey	Nursey	Landfill	Quarry	Quarry	Landfill	Landfill	Landfill
ChemName	**Units**	**EQL**	**ANZECC 95%**	**ANZECC 99%**	**USEPA Region 9**	**ANZECC Irrig LT**	**ANZECC Stock**	**NHMRC Drinking Water - Health**										
METALS																		
Arsenic	ug/L	1	**24**			100	500	7	<1	<1	<1	<1	<1	1.2	1.1	<1	3.8	3.4
Cadmium	ug/L	0.1	**0.2**			10	10	2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chromium (total)	ug/L	1	**3.3**			100	1000		1.6	<1	<1	1.7	<1	4.8	4.8	<1	4.3	6.5
Copper	ug/L	1	**1.4**			200	400	2000	<1	2.4	2	1.7	35	1.1	1.3	35	1.1	<1
Lead	ug/L	1	**3.4**			2000	100	10	1.3	2.3	1	1.9	<1	<1	<1	<1	<1	<1
Mercury	ug/L	0.5	**0.6**			2	2	1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Nickel	ug/L	1	**11**			200	1000	20	<1	<1	<1	<1	<1	1.6	2	<1	1	1.2
Zinc	ug/L	1	**8**			2000	20000	3000	8.7	15	3.4	5.7	13	2.6	2.9	14	53	98
OCP																		
4,4-DDE	ug/L	0.01							<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.05
Aldrin	ug/L	0.01							<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.05
Aldrin + Dieldrin	ug/L								<0.02	<0.02	<0.02	<0.02	<0.02	-	-	<0.02	<0.02	<0.1
Chlordane (gamma)	ug/L	0.015							<0.015	<0.015	<0.015	<0.015	-	-	-	-	-	-
cis-Chlordane	ug/L	0.01							<0.015	<0.015	<0.015	<0.015	<0.01	-	-	<0.01	<0.01	<0.05
DDD	ug/L	0.01							-	-	-	-	<0.01	-	-	<0.01	<0.01	<0.05
DDT	ug/L	0.01	**0.01**						<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	**<0.05**
DDT+DDE+DDD	ug/L								<0.02	<0.02	<0.02	<0.02	<0.03	-	-	<0.03	<0.03	<0.15
Dieldrin	ug/L	0.01							<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.05
Endosulfan I	ug/L	0.01							<0.01	<0.01	<0.01	<0.01	<0.02	-	-	<0.02	<0.02	<0.05
Endosulfan II	ug/L	0.01							<0.01	<0.01	<0.01	<0.01	<0.02	-	-	<0.02	<0.02	<0.05
Endosulfan sulphate	ug/L	0.01							<0.01	<0.01	<0.01	<0.01	<0.02	-	-	<0.02	<0.02	<0.5
Endrin	ug/L	0.01	**0.02**						<0.01	<0.01	<0.01	<0.01	<0.02	-	-	<0.02	<0.02	**<0.05**
g-BHC (Lindane)	ug/L	0.05	**0.2**						<0.07	<0.07	<0.07	<0.07	<0.05	-	-	<0.05	<0.05	<0.05
Heptachlor	ug/L	0.01	**0.09**						<0.01	<0.01	<0.01	<0.01	<0.02	-	-	<0.02	<0.02	<0.05
Heptachlor epoxide	ug/L	0.02							-	-	-	-	<0.02	-	-	<0.02	<0.02	<0.05
Hexachlorobenzene	ug/L	0.01							<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.05
Methoxychlor	ug/L	0.04							<0.04	<0.04	<0.04	<0.04	<0.1	-	-	<0.1	<0.1	<0.1
trans-chlordane	ug/L	0.01							-	-	-	-	<0.01	-	-	<0.01	<0.01	<0.05
Azinophos methyl	ug/L	0.025	**0.02**						**<0.025**	**<0.025**	**<0.025**	**<0.025**	**<0.05**	-	-	**<0.05**	**<0.05**	**<0.2**
Mirex	ug/L	0.01							<0.01	<0.01	<0.01	<0.01	-	-	-	-	-	-
OPP																		
Chlorpyrifos	ug/L	0.01	**0.01**						<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	**<0.05**
Diazinon	ug/L	0.01	**0.01**						<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	**<0.05**
Dimethoate	ug/L	0.15	**0.15**						<0.15	<0.15	<0.15	<0.15	-	-	-	-	-	-
Fenitrothion	ug/L	0.2	**0.2**						<0.2	<0.2	<0.2	<0.2	<0.2	-	-	<0.2	<0.2	<0.2
Malathion	ug/L	0.05	**0.05**						<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	<0.05	<0.05
Parathion	ug/L	0.01	**0.004**						**<0.01**	**<0.01**	**<0.01**	**<0.01**	**<0.01**	-	-	**<0.01**	**<0.01**	**<0.05**
PAH																		
Acenaphthene	ug/L	0.01							<0.01	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	0.01	0.04	<0.05
Acenaphthylene	ug/L	0.01							<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05
Anthracene	ug/L	0.01		*0.01*					<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	**<0.05**
Benz(a)anthracene	ug/L	0.01							<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.05
Benzo(a) pyrene	ug/L	0.01		*0.1*				0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	**<0.05**
Benzo(b)&(k)fluoranthene	ug/L	0.02							<0.02	<0.02	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.1
Benzo(g,h,i)perylene	ug/L	0.01							<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05
Chrysene	ug/L	0.01							<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	<0.05
Dibenz(a,h)anthracene	ug/L	0.01							<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05
Fluoranthene	ug/L	0.01		*1*					<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	<0.05
Fluorene	ug/L	0.01							<0.01	<0.01	<0.01	<0.01	0.03	<0.01	<0.01	0.01	0.06	<0.05
Indeno(1,2,3-c,d)pyrene	ug/L	0.01							<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05
Naphthalene	ug/L	0.01	**16**						<0.1	<0.1	<0.1	<0.1	<0.01	<0.01	<0.01	0.02	0.02	<0.05
Phenanthrene	ug/L	0.01		*0.6*					<0.01	<0.01	<0.01	<0.01	0.03	<0.01	<0.01	<0.01	0.1	<0.05
Pyrene	ug/L	0.01							<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	0.06	<0.05
1-Methylnaphthalene	ug/L	0.01							-	-	-	-	0.04	<0.01	<0.01	<0.01	0.1	<0.05
2-methylnaphthalene	ug/L	0.01							-	-	-	-	0.01	<0.01	<0.01	<0.01	0.04	<0.05
PHENOLS																		
Phenolics Total	ug/L	50							-	-	-	-	-	<50	<50	-	-	-
PCB																		
PCB Congener C28	ug/L	0.02							-	-	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
PCB Congener C52	ug/L	0.01							-	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB Congener C101	ug/L	0.01							-	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB Congener C118	ug/L	0.01							-	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB Congener C138	ug/L	0.01							-	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB Congener C153	ug/L	0.01							-	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB Congener C180	ug/L	0.01							-	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
TRH																		
TRH C 6 - C 9 Fraction	ug/L	40	**PQL**						- *	<40	<40	<40	<40	<40	<40	<40	<40	<100
TRH C10 - C14 Fraction	ug/L	40	**PQL**						- *	<50	<50	<50	<40	<40	<40	<40	<40	160
TRH C15 - C28 Fraction	ug/L	200	**PQL**						- *	1700	<100	<100	<200	<200	<200	<200	1300	990
TRH C29-C36 Fraction	ug/L	200	**PQL**						- *	<100	<100	<100	<200	<200	<200	<200	2100	1300
TRH C10 - C36 (Sum of total)	ug/L		**PQL**						-	1775	<250	<250	<440	<440	<440	<440	3420	2450
BTEX																		
Benzene	ug/L	1	**950**					1	-	-	-	-	-	<1	<1	-	-	-
Ethylbenzene	ug/L	1	**80**					250	-	-	-	-	-	<1	<1	-	-	-
Toluene	ug/L	1	**180**					800	-	-	-	-	-	<1	<1	-	-	-
Xylene Total	ug/L	3	**625**					600	-	-	-	-	-	<3	<3	-	-	-
VOC																		
1,1,2-trichloroethane	ug/L	0.1	**6500**						-	-	-	-	<1	-	-	<0.1	<0.1	<0.1
1,1-dichloroethene	ug/L	0.1						30	-	-	-	-	<1	-	-	<0.1	<0.1	<0.1
1,2,4-trichlorobenzene	ug/L	0.1	**170**						-	-	-	-	<1	-	-	<0.5	<0.5	<0.5
1,2-dichlorobenzene	ug/L	0.1	**160**					1500	-	-	-	-	<1	-	-	<0.1	<0.1	<0.1
1,2-dichloroethane	ug/L	0.1						3	-	-	-	-	<1	-	-	<0.1	<0.1	<0.1
1,3-dichlorobenzene	ug/L	0.1	**260**						-	-	-	-	<1	-	-	<0.1	<0.1	<0.1
1,4-dichlorobenzene	ug/L	0.1	**60**					40	-	-	-	-	<1	-	-	<0.1	<0.1	<0.1
Carbon tetrachloride	ug/L	0.1						3	-	-	-	-	<1	-	-	<0.1	<0.1	<0.1
Chlorobenzene	ug/L	0.1						300	-	-	-	-	<1	-	-	<0.1	<0.1	<0.1
Chlorodibromomethane	ug/L	0.1							-	-	-	-	<1	-	-	<0.1	<0.1	<0.1
Chloromethane	ug/L	0.1			**160**				-	-	-	-	1.2	-	-	<0.1	<0.1	<0.1
Dichlorodifluoromethane	ug/L	0.1			**390**				-	-	-	-	<1	-	-	1	1	1
Dichloromethane	ug/L	20	**4000**					4	-	-	-	-	**<20**	-	-	**<20**	**<20**	**<20**
Hexachlorobutadiene	ug/L	0.1						0.7	-	-	-	-	**<1**	-	-	<0.5	<0.5	**<1**
Tetrachloroethene	ug/L	0.1						50	-	-	-	-	<1	-	-	<0.1	<0.1	<0.1
Vinyl chloride	ug/L	0.1						0.3	-	-	-	-	**<1**	-	-	<0.1	<0.1	<0.1
Remaining VOC		0.1											nd	-	-	nd	nd	nd

Table LR10 - Summary of Water Analytical Results

Field_ID									MW9
Sampled_Date-Time									3/10/2007
Water Type									GW
Purpose									Landfill
ChemName	**Units**	**EQL**	**ANZECC 95%**	**ANZECC 99%**	**USEPA Region 9**	**ANZECC Irrig LT**	**ANZECC Stock**	**NHMRC Drinking Water - Health**	
METALS									
Arsenic	ug/L	1	**24**			100	500	7	3.7
Cadmium	ug/L	0.1	**0.2**			10	10	2	<0.1
Chromium (total)	ug/L	1	**3.3**			100	1000		6.6
Copper	ug/L	1	**1.4**			200	400	2000	<1
Lead	ug/L	1	**3.4**			2000	100	10	<1
Mercury	ug/L	0.5	**0.6**			2	2	1	<0.5
Nickel	ug/L	1	**11**			200	1000	20	1.1
Zinc	ug/L	1	**8**			2000	20000	3000	42
OCP									
4,4-DDE	ug/L	0.01							<0.01
Aldrin	ug/L	0.01							<0.01
Aldrin + Dieldrin	ug/L								<0.02
Chlordane (gamma)	ug/L	0.015							-
cis-Chlordane	ug/L	0.01							<0.01
DDD	ug/L	0.01							<0.01
DDT	ug/L	0.01	**0.01**						<0.01
DDT+DDE+DDD	ug/L								<0.03
Dieldrin	ug/L	0.01							<0.01
Endosulfan I	ug/L	0.01							<0.02
Endosulfan II	ug/L	0.01							<0.02
Endosulfan sulphate	ug/L	0.01							<0.02
Endrin	ug/L	0.01	**0.02**						<0.02
g-BHC (Lindane)	ug/L	0.05	**0.2**						<0.05
Heptachlor	ug/L	0.01	**0.09**						<0.02
Heptachlor epoxide	ug/L	0.02							<0.02
Hexachlorobenzene	ug/L	0.01							<0.01
Methoxychlor	ug/L	0.04							<0.1
trans-chlordane	ug/L	0.01							<0.01
Azinophos methyl	ug/L	0.025	**0.02**						**<0.05**
Mirex	ug/L	0.01							-
OPP									
Chlorpyrifos	ug/L	0.01	**0.01**						<0.01
Diazinon	ug/L	0.01	**0.01**						<0.01
Dimethoate	ug/L	0.15	**0.15**						-
Fenitrothion	ug/L	0.2	**0.2**						<0.2
Malathion	ug/L	0.05	**0.05**						<0.05
Parathion	ug/L	0.01	**0.004**						**<0.01**
PAH									
Acenaphthene	ug/L	0.01							0.03
Acenaphthylene	ug/L	0.01							<0.01
Anthracene	ug/L	0.01		*0.01*					<0.01
Benz(a)anthracene	ug/L	0.01							<0.01
Benzo(a) pyrene	ug/L	0.01		*0.1*				0.01	<0.01
Benzo(b)&(k)fluoranthene	ug/L	0.02							<0.01
Benzo(g,h,i)perylene	ug/L	0.01							<0.01
Chrysene	ug/L	0.01							<0.01
Dibenz(a,h)anthracene	ug/L	0.01							<0.01
Fluoranthene	ug/L	0.01		*1*					0.02
Fluorene	ug/L	0.01							0.04
Indeno(1,2,3-c,d)pyrene	ug/L	0.01							<0.01
Naphthalene	ug/L	0.01	**16**						<0.01
Phenanthrene	ug/L	0.01		*0.6*					0.08
Pyrene	ug/L	0.01							0.04
1-Methylnaphthalene	ug/L	0.01							0.06
2-methylnaphthalene	ug/L	0.01							0.02
PHENOLS									
Phenolics Total	ug/L	50							-
PCB									
PCB Congener C28	ug/L	0.02							<0.02
PCB Congener C52	ug/L	0.01							<0.01
PCB Congener C101	ug/L	0.01							<0.01
PCB Congener C118	ug/L	0.01							<0.01
PCB Congener C138	ug/L	0.01							<0.01
PCB Congener C153	ug/L	0.01							<0.01
PCB Congener C180	ug/L	0.01							<0.01
TRH									
TRH C 6 - C 9 Fraction	ug/L	40	**PQL**						<40
TRH C10 - C14 Fraction	ug/L	40	**PQL**						59
TRH C15 - C28 Fraction	ug/L	200	**PQL**						610
TRH C29-C36 Fraction	ug/L	200	**PQL**						660
TRH C10 - C36 (Sum of total)	ug/L		**PQL**						1329
BTEX									
Benzene	ug/L	1	**950**					1	-
Ethylbenzene	ug/L	1	**80**					250	-
Toluene	ug/L	1	**180**					800	-
Xylene Total	ug/L	3	**625**					600	-
VOC									
1,1,2-trichloroethane	ug/L	0.1	**6500**						<0.1
1,1-dichloroethene	ug/L	0.1						30	<0.1
1,2,4-trichlorobenzene	ug/L	0.1	**170**						<0.5
1,2-dichlorobenzene	ug/L	0.1	**160**					1500	<0.1
1,2-dichloroethane	ug/L	0.1						3	<0.1
1,3-dichlorobenzene	ug/L	0.1	**260**						<0.1
1,4-dichlorobenzene	ug/L	0.1	**60**					40	<0.1
Carbon tetrachloride	ug/L	0.1						3	<0.1
Chlorobenzene	ug/L	0.1						300	<0.1
Chlorodibromomethane	ug/L	0.1							<0.1
Chloromethane	ug/L	0.1			**160**				0.9
Dichlorodifluoromethane	ug/L	0.1			**390**				1
Dichloromethane	ug/L	20	**4000**					4	**<20**
Hexachlorobutadiene	ug/L	0.1						0.7	<0.5
Tetrachloroethene	ug/L	0.1						50	<0.1
Vinyl chloride	ug/L	0.1						0.3	<0.1
Remaining VOC		0.1							nd

Appendix A

Site Photographs