

Summary of All Soil Results (mg/kg)



Sample ID		Polycyclic Aromatic Hydrocarbons														
Date		Depth														
INVESTIGATION LEVELS																
NEPM HIL (F) Commercial																
NEPM HIL (A) Low Density Residential																
NEPM EIL Interim Urban																
NSW EPA (TPH & BTEX)																
Natural Statistics																
Count																
Average																
St Dev																
Min																
Max																
>EIL																
>HILA																
>HILF																
Whole Site Statistics																
Count																
Average																
St Dev																
Min																
Max																
>EIL																
>HILA																
>HILF																



SUMMARY OF LATEST SOIL RESULTS
ALL RESULTS IN MG/KG UNLESS OTHERWISE SPECIFIED

Sample ID	Soil Type	Batch No.	Date Sampled	% Moisture	Cyanide (total)	Arsenic	Cadmium	Chromium (total)	Copper	Mercury	Lead	Nickel	Zinc	Antimony	Barium	Cobalt	Molybdenum	Selenium	Tin
INVESTIGATION LEVELS																			
NEPH A Residential																			
NEPH D Residential Minimal Soil Access																			
NEPH E Parks / Recreational Open Space																			
NEPH F Commercial / Industrial																			
ELI (Median Urban)																			
NSW EPA Sensitive Use																			
RESULTS																			
119_0.0	Natural	216216	15-Oct-07	17		12	1.7	<5	<5	<0.1	13	<5	82						
119_0.5	Natural	216216	15-Oct-07	12		<2	0.6	<5	<5	<0.1	<5	<5	11						
119_2.8	Natural	216216	15-Oct-07	21		8.6	<0.5	8.2	<5	<0.1	<5	<5	12						
1285_0.0	Natural	216216	15-Oct-07	3.5	<5	280	10	190	1.1	2500	76	10000	100						
1285_0.8	Natural	216216	15-Oct-07	18		20	4.8	<5	20	<0.1	170	96	1200						
1285_1.4	Natural	216216	15-Oct-07	17		9.8	0.2	<5	10	<0.1	17	5.8	96						
1285_1.6	Natural	216216	15-Oct-07	21		9.8	0.1	<5	10	<0.1	17	5.8	96						
1285_1.7	Natural	216216	15-Oct-07	21		9.8	0.1	<5	10	<0.1	17	5.8	96						
1285_1.8	Natural	216216	15-Oct-07	21		9.8	0.1	<5	10	<0.1	17	5.8	96						
1285_1.9	Natural	216216	15-Oct-07	24		9.2	<0.5	<5	<5	<0.1	14	<5	70						
1285_2.0	Natural	216216	17-Oct-07	24		42	3.2	<5	17	<0.1	150	<5	140						
1285_2.5	Natural	216216	17-Oct-07	11		11	0.9	<5	<5	<0.1	22	<5	40						
1285_3.0	Fill	216216	16-Oct-07	30		120	5.4	29	730	2	5600	97	11000						
1285_3.1	Fill	216216	16-Oct-07	25	<5	11	11	11	33	<0.1	200	52	870						
1285_3.2	Natural	216216	16-Oct-07	23		9.9	3.9	10	36	0.1	160	6.1	960						
1285_3.3	Natural	216216	16-Oct-07	29		8.3	1.7	11	15	<0.1	45	9.6	890						
1285_3.4	Natural	216216	16-Oct-07	29		15	4.6	14	28	0.1	150	14	760						
1285_3.5	Colluvium	216216	4-Dec-07	15		110	2.9	8.7	45	0.6	2600	<5	830						
1285_3.6	Colluvium	216216	4-Dec-07	16		110	2.9	8.7	45	0.6	2600	<5	830						
1285_3.7	Fill	216216	5-Dec-08	18		29	3	8.3	46	0.2	730	<5	1600						
1285_3.8	Colluvium	216216	5-Dec-08	17		27	7.4	10	36	0.1	160	6.1	960						
1285_3.9	Fill	216216	5-Dec-08	20		150	15	6.5	240	1.2	2000	<5	2100						
1285_4.0	Fill	216216	5-Dec-08	16		95	14	6.1	73	0.4	1400	<5	1700						
1285_4.1	Fill	216216	5-Dec-08	18		540	16	7.9	180	2.9	11000	<5	6000						
1285_4.2	Fill	216216	5-Dec-08	13		130	4.6	8.5	53	0.3	2300	<5	1300						
1285_4.3	Fill	216216	5-Dec-08	15		530	130	14	950	200	11000	10	20000						
1285_4.4	Fill	216216	6-Dec-08	19		70	57	<5	140	4.6	3100	8.9	7200						
1285_4.5	Fill	216216	6-Dec-08	4.1		670	2.1	<5	1900	0.9	6500	5.3	66000						
1285_4.6	Colluvium	216216	6-Dec-08	4.6		67	5.3	8.4	210	0.4	960	<5	8600						
1285_4.7	Fill	216216	6-Dec-08	24		240	1.2	9.2	100	0.5	1100	<5	510						
1285_4.8	Natural	216216	6-Dec-08	21		38	<0.5	<5	18	0.1	250	<5	2400						
1285_4.9	Natural	216216	6-Dec-08	21		28	15	20	35	0.2	250	<5	2400						
1285_5.0	Fill	216216	6-Dec-08	3.5		730	57	<5	3700	0.3	4600	7.5	51000						
1285_5.1	Colluvium	216216	6-Dec-08	10		210	84	10	1100	4.4	5000	8.7	30000						
1285_5.2	Natural	216216	6-Dec-08	26		57	3.6	<5	18	0.3	230	<5	260						
1285_5.3	Natural	216216	6-Dec-08	27		52	1.5	<5	12	<0.1	150	<5	180						
1285_5.4	Natural	216216	6-Dec-08	34		120	36	13	170	2	1700	82	14000						
1285_5.5	Natural	216216	6-Dec-08	25		25	2.4	<5	11	<0.1	130	<5	130						
1285_5.6	Natural	216216	6-Dec-08	27		110	22	8.4	120	0.3	1200	30	4400						
1285_5.7	Natural	216216	6-Dec-08	27		24	2	<5	<5	<0.1	29	<5	75						
1285_5.8	Natural	216216	6-Dec-08	27		83	0.2	<5	11	0.4	99	1200	45	200					
1285_5.9	Natural	216216	6-Dec-08	27		83	0.2	<5	11	0.4	99	1200	45	200					
1285_6.0	Natural	216216	6-Dec-08	20		39	5.9	6.9	16	<0.1	93	30	2000						
1285_6.1	Natural	216216	6-Dec-08	20		10	0.6	<5	<5	<0.1	14	<5	32						
1285_6.2	Natural	216216	6-Dec-08	28		74	57	14	120	2.4	1400	88	15000						
1285_6.3	Natural	216216	6-Dec-08	19		19	1.7	<5	<5	<0.1	33	<5	140						
1285_6.4	Natural	216216	6-Dec-08	22		96	9.6	<5	56	0.4	1200	18	2700						
1285_6.5	Natural	216216	6-Dec-08	8.5		8.5	0.8	<5	<5	<0.1	10	<5	33						
1285_6.6	Natural	216216	6-Dec-08	31		120	55	11	120	0.4	1300	280	33000						
1285_6.7	Natural	216216	6-Dec-08	38		57	5.9	<5	15	0.1	120	6.2	830						
1285_6.8	Natural	216216	6-Dec-08	38		2100	44	14	450	0.6	11000	48	6500						
1285_6.9	Natural	216216	6-Dec-08	32		32	20	<5	9	<0.1	83	<5	350						
1285_7.0	Natural	216216	6-Dec-08	24		74	16	7.6	55	0.2	450	28	4800						
1285_7.1	Natural	216216	6-Dec-08	25		25	2.5	<5	11	0.1	120	6.2	830						
1285_7.2	Fill	216216	6-Dec-08	25		73	36	4	610	0.6	4800	15	13000						
1285_7.3	Fill	216216	6-Dec-08	25		20	24	8.1	110	0.2	1600	48	6800						
1285_7.4	Natural	216216	6-Dec-08	25		7.5	0.8	8.7	89	<0.1	33	<5	170						
1285_7.5	Natural	216216	6-Dec-08	25		7.5	0.8	8.7	89	<0.1	33	<5	170						
1285_7.6	Natural	216216	6-Dec-08	25		7.5	0.8	8.7	89	<0.1	33	<5	170						
1285_7.7	Natural	216216	6-Dec-08	25		7.5	0.8	8.7	89	<0.1	33	<5	170						
1285_7.8	Natural	216216	6-Dec-08	25		7.5	0.8	8.7	89	<0.1	33	<5	170						
1285_7.9	Natural	216216	6-Dec-08	25		7.5	0.8	8.7	89	<0.1	33	<5	170						
1285_8.0	Natural	216216	6-Dec-08	25		7.5	0.8	8.7	89	<0.1	33	<5	170						
1285_8.1	Natural	216216	6-Dec-08	25		7.5	0.8	8.7	89	<0.1	33	<5	170						
1285_8.2	Natural	216216	6-Dec-08	25		7.5	0.8	8.7	89	<0.1	33	<5	170						
1285_8.3	Natural	216216	6-Dec-08	25		7.5	0.8	8.7	89	<0.1	33	<5	170						
1285_8.4	Natural	216216	6-Dec-08	25		7.5	0.8	8.7	89	<0.1	33	<5	170						
1285_8.5	Natural	216216	6-Dec-08	25		7.5	0.8	8.7	89	<0.1	33	<5	170						
1285_8.6	Natural	216216	6-Dec-08	25		7.5	0.8	8.7	89	<0.1	33	<5	170						
1285_8.7	Natural	216216	6-Dec-08	25		7.5	0.8	8.7	89	<0.1	33	<5	170						
1285_8.8	Natural	216216	6-Dec-08	25		7.5	0.8	8.7	89	<0.1	33	<5	170						
1285_8.9	Natural	216216	6-Dec-08	25		7.5	0.8	8.7	89	<0.1	33	<5	170						
1285_9.0	Natural	216216	6-Dec-08	25		7.5	0.8	8.7	89	<0.1	33	<5	170						
1285_9.1	Natural	216216	6-Dec-08	25		7.5</													

SUMMARY OF LATEST SOIL RESULTS
ALL RESULTS IN MG/KG UNLESS OTHERWISE SPECIFIED



Sample ID	Soil Type	Batch No.	Date Sampled	Benzene	Ethylbenzene	Toluene	Xylenes	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	Fluoride (soluble)	Nitrate + Nitrite (N)	Total Phosphorous (P)	Total Sulphur(S)	Total Kjeldahl Nitrogen (N)	Total Nitrogen (N)	Nitrate (N)	pH (1:5 Aqueous extract)	Asbestos	Ammonia(N)
INVESTIGATION LEVELS																					
NEPM A Residential																					
NEPM D Residential Minimal Soil Access																					
NEPM F Parks / Recreational Open Space																					
NEPM F Parks / Recreational Open Space																					
NEPM F Parks / Recreational Open Space																					
EPA Interim Utility																					
NSW EPA sensitive use																					
RESULTS																					
119_0.0	Natural	216216	15-Oct-07									34			<10	19	240	240			
119_0.5	Natural	216216	15-Oct-07									<20	<5	<10	11	100	100				
119_2.8	Natural	216216	15-Oct-07									<20	<5	<10	29	1300	1300				
1295_0.0	Natural	216216	15-Oct-07									24	<5	<10	16	210	210				
1295_0.8	Natural	216216	15-Oct-07									<20	<5	<10	11	640	640				
1295_1.4	Natural	216216	15-Oct-07									<20	<5	<10	<10	610	610				
1295_1.7	Natural	216216	17-Oct-07									<20	<5	<10	21	580	580				
1295_0.0	Natural	216216	17-Oct-07									<20	<5	<10	18	220	220				
1295_0.5		216216	17-Oct-07									31	<5	<10	<10	390	390				
1295_0.0	Fill	216318	16-Oct-07									35	<5	<10	<10	500	500				
1295_1.0	Fill	216318	16-Oct-07									36	<5	<10	<10	820	820				
1295_1.7	Natural	216318	16-Oct-07									<20	<5	<10	160	260	260				
1295_3.2	Natural	216318	16-Oct-07									<20	<5	<10	84	690	690				
BH02_2.5	Colluvium	219329	4-Dec-07																		
BH04_3.5	Colluvium	219329	5-Dec-08									26									
BH04_3.5	Colluvium	219329	5-Dec-08									25									
BH06_2.5	Fill	219329	5-Dec-08																		
BH06_7.5	Colluvium	219329	5-Dec-08																		
BH07_4.4	Fill	219329	5-Dec-08																		
BH08_3.5	Fill	219329	5-Dec-08																		
BH08_2.5	Fill	219329	6-Dec-08																		
BH10_2.5	Fill	219329	6-Dec-08																		
BH11_2.5	Fill	219329	6-Dec-08									67									
BH11_5.5	Colluvium	219329	6-Dec-08																		
BH12_0.3	Colluvium	219329	6-Dec-08																		
BH12_5.0	Natural	219329	6-Dec-08																		
BH13_3.5	Natural	219329	6-Dec-08																		
1325_1.5	Fill	219329	6-Dec-08									<20									
1325_5.0	Colluvium	219329	6-Dec-08																		
SSB1_0.0	Natural	221576												2500	<10		<5	7.2			
SSB1_0.3	Natural	221576												<10	15		<5	7.9			
SSB2_0.0	Natural	221576												490	12		<5	7.7			
SSB3_0.2	Natural	221576												190	19		<5	7.6			
SSB3_0.3	Natural	221576												340	<10		<5	8.2	non detect		
SSB4_0.0	Natural	221576												<10	17		<5	7.6			
SSB5_0.3	Natural	221576												830	<10		<5	7.6			
SSB6_0.0	Natural	221576												<10	29		<5	7.8			
SSB7_0.0	Natural	221576												130	24		<5	7.1			
SSB8_0.0	Natural	221576												330	11		<5	7.8			
SSB8_0.2	Natural	221576												720			<5	7.1			
SSB9_0.0	Natural	221576																			
SSB9_0.3	Natural	221576																			
SSB10_0.0	Natural	221576																			
SSB10_0.3	Natural	221576																			
SSB11_0.0	Fill	221576																			
SSB11_0.3	Fill	221576																			
SSB12_0.0	Fill	221576																			
SSB12_0.3	Natural	221576																			

SUMMARY OF LATEST SOIL RESULTS
ALL RESULTS IN MG/KG UNLESS OTHERWISE SPECIFIED



Sample ID	Soil Type	Batch No.	Date Sampled	1,2-Dichlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2,5-Tetrachlorobenzene	1,2,4,5-Tetrachlorobenzene	1,3-Dichlorobenzene	1,3,5-Trichlorobenzene	1,4-Dichlorobenzene	Benzal chloride	Benzotrifluoride	Benzoic chloride	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Pentachlorobenzene
INVESTIGATION LEVELS																			
NEPM A Residential	NEPM A Residential Animal Soil Access NEPM D Parks / Recreational Open Space NEPM F Commercial / Industrial EU (Inferior Urban) NSW EPA sensitive use																		
119_0.0		216216	15-Oct-07	Natural	<0.2	<0.05	<0.05	<0.05	<0.2	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
119_0.5		216216	15-Oct-07	Natural															
119_2.8		216216	15-Oct-07	Natural															
1285_0.0		216216	15-Oct-07	Natural															
1285_0.8	NEPM A Residential	216216	15-Oct-07	Natural															
1285_1.4		216216	15-Oct-07	Natural															
1285_0.0		216216	17-Oct-07	Natural															
1285_0.9		216216	17-Oct-07	Natural															
1285_0.0		216216	17-Oct-07	Natural															
1225_0.5	NEPM A Residential	216216	17-Oct-07	Fill															
1285_0.0		216318	16-Oct-07	Fill															
1285_1.0		216318	16-Oct-07	Fill															
1285_1.7		216318	16-Oct-07	Natural															
1285_3.2		216318	16-Oct-07	Natural															
BH02_2.5	NEPM A Residential	219329	4-Dec-07	Colluvium															
BH04_5.6		219329	4-Dec-07	Colluvium															
BH04_3.5		219329	5-Dec-08	Fill															
BH06_5.0		219329	5-Dec-08	Colluvium															
BH06_2.5		219329	5-Dec-08	Fill															
BH06_7.5	NEPM A Residential	219329	5-Dec-08	Colluvium															
BH07_4.4		219329	5-Dec-08	Fill															
BH06_3.5		219329	5-Dec-08	Fill															
BH09_2.5		219329	6-Dec-08	Fill															
BH10_2.5		219329	6-Dec-08	Fill															
BH11_2.5	NEPM A Residential	219329	6-Dec-08	Fill															
BH11_5.5		219329	6-Dec-08	Colluvium															
BH12_0.3		219329	6-Dec-08	Fill															
BH12_5.0		219329	6-Dec-08	Natural															
BH13_3.5		219329	6-Dec-08	Natural															
1285_1.5	NEPM A Residential	219329	6-Dec-08	Fill															
1285_0.0		219329	6-Dec-08	Colluvium															
SSB1_0.0		221576		Natural															
SSB1_0.3		221576		Natural															
SSB2_0.0	NEPM A Residential	221576		Natural															
SSB2_0.3		221576		Natural															
SSB3_0.2		221576		Natural															
SSB3_0.3		221576		Natural															
SSB4_0.0		221576		Natural															
SSB4_0.3	NEPM A Residential	221576		Natural															
SSB5_0.0		221576		Natural															
SSB5_0.3		221576		Natural															
SSB6_0.0		221576		Natural															
SSB6_0.3		221576		Natural															
SSB7_0.0	NEPM A Residential	221576		Natural															
SSB7_0.3		221576		Natural															
SSB8_0.0		221576		Natural															
SSB8_0.2		221576		Natural															
SSB9_0.0		221576		Natural															
SSB9_0.3	NEPM A Residential	221576		Natural															
SSB10_0.0		221576		Natural															
SSB10_0.3		221576		Natural															
SSB11_0.0		221576		Fill															
SSB11_0.3		221576		Fill															
SSB12_0.0	NEPM A Residential	221576		Fill															
SSB12_0.3		221576		Natural															

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SUMMARY OF LATEST SOIL RESULTS
ALL RESULTS IN MG/KG UNLESS OTHERWISE SPECIFIED

Sample ID	Soil Type	Batch No.	Date Sampled	% Moisture	Cyanide (total)	Arsenic	Cadmium	Chromium (total)	Copper	Mercury	Lead	Nickel	Zinc	Antimony	Barium	Cobalt	Molybdenum	Selenium	Tin
QA/QC																			
D3		216216	15-Oct-07	15		10	<0.5	6.1	<5	<0.1	<5	<5	28						
115_2.8		216216	15-Oct-07	21		8.6	<0.5	8.2	<5	<0.1	<5	<5	12						
%RPD						15.05%		29.37%					80.00%						
D4 (micrflab)		e031483	15/10/07	16		9	2	2	10	0.11	95	1	443						
128S_1.4		216216	15-Oct-07	17		9.8	2.2	<5	10	<0.1	77	5.8	510						
%RPD						8.8%	9.32%		0.00%		20.93%	36.73%	1.00%						
D50						63	16	21	130	0.3	2100	7.5	8800						
SS912_0.0		221576		24		24	49	11	49	40.00%	600	7.5	2300						
%RPD				25		88.68%		62.50%	90.50%	40.00%	111.11%	28.57%	117.12%						
D41 (micrflab)		e036251	6/2/08	22		55	42.2	8	95	1.41	1140	77	8800						
SS96_0.0		221576		28		74	57	14	120	2.4	1400	88	15000						
%RPD				21		29.46%	29.84%	54.55%	23.26%	51.97%	20.47%	13.33%	53.10%						
D50		219329	6-Dec-08	21		35	5.8	15	51	0.2	680	6.2	2400						
BH04_3.5		219329	5-Dec-08	18		29	3	8.3	48	0.2	730	<5	1800						
%RPD						18.75%	63.64%	57.51%	6.06%	0.00%	7.05%	-	28.57%						
D51		219329	6-Dec-08	21		150	15	11	290	0.6	4200	5.9	4400						
BH06_2.5		219329	5-Dec-08	20		150	15	6.5	240	1.2	2000	<5	2100						
%RPD						0.00%	0.00%	51.43%	18.87%	66.67%	70.97%	-	70.77%						
D60 (micrflab)		e035564	10/12/07	3		1350	7	46	4490	0.38	4160	29	46600						
1325_1.5		219329	6-Dec-08	3.5		730	5.7	<5	3700	0.3	4600	7.5	51000						
%RPD						59.65%	20.47%	-	19.29%	23.53%	10.05%	117.81%	9.02%						
EB01		216318	10/10/2007			<0.001	<0.0002	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001						
EB02		216318	11/10/2007			<0.001	<0.0002	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001						
EB03		216318	12/10/2007			<0.001	<0.0002	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001						
EB04		216318	13/10/2007			<0.001	<0.0002	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001						
EB05		216318	14/10/2007			<0.001	<0.0002	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001						
EB06		216296	15/10/2007			<0.001	<0.0002	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001						
EB07		216296	16/10/2007			<0.001	<0.0002	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001						
EB08		216296	17/10/2007			<0.001	<0.0002	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001						
EB20		219329	4-Dec			<0.001	<0.0002	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001						
EB21		219329	5-Dec			<0.001	<0.0002	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001						
EB22		219329	6-Dec			<0.001	<0.0002	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001						
EB23		219329	7-Dec			<0.001	<0.0002	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001						
EB24		219329	8-Dec			<0.001	<0.0002	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001						
EB25		219329	9-Dec			<0.001	<0.0002	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001						
EB26		219329	10-Dec			<0.001	<0.0002	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001						
EB27		219329	11-Dec			<0.001	<0.0002	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001						
EB30		221576	29/01/2008			<0.001	<0.0002	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001						
EB31		221576	30/01/2008			<0.001	<0.0002	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001						
EB32		221576	31/01/2008			<0.001	<0.0002	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001						
EB33		221576	10/2/2008			<0.001	<0.0002	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001						
EB34		221576	20/2/2008			<0.001	<0.0002	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001						
EB35		221576	30/2/2008			<0.001	<0.0002	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001						
EB36		221576	6/02/2008			<0.001	<0.0002	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001						
RB20		221576	31/01/2008			<0.001	<0.0002	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001						
RB21		221576	1/2/2008			<0.001	<0.0002	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001						
RB22		221576	30/2/2008			<0.001	<0.0002	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001						
RB23		221576	4/02/2008			<0.001	<0.0002	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001						
RB24		221576	6/02/2008			<0.001	<0.0002	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001						
EB70		222303	20/02/2008			<0.001	<0.0002	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001						
EB71		222303	21/02/2008			<0.001	<0.0002	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001						

SUMMARY OF LATEST SOIL RESULTS
ALL RESULTS IN MG/KG UNLESS OTHERWISE SPECIFIED



Sample ID	Soil Type	Batch No.	Date Sampled	Benzene	Ethylbenzene	Toluene	Xylenes	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	Fluoride (soluble)	Nitrate + Nitrite (N)	Total Phosphorous (P)	Total Sulphur(S)	Total Kjeldahl Nitrogen (N)	Total Nitrogen (N)	Nitrate (N)	pH (1:5 Aqueous extract)	Asbestos	Ammonia(N)
QAC																					
D3		216216	15-Oct-07									<20	<5	<10	35	310	310				
119_28		216216	15-Oct-07									<20	<5	<10	29	1300	1300				
%RPD																	122.86%				
D4 (interlab)		e034482	15/10/07									-	-	130	80	810	350				
1235_14		216216	15-Oct-07									<20	<5	<10	<10	810	810				
D5 (interlab)																	29.31%				
D6																					
SSR12_0.0		221576		<0.05	<0.05	<0.05	<0.05	<20	<50	<100	<100			450	11	-	<5	6.9	non detect		
%RPD																					
D41 (interlab)		e036051	6/2/08																		
SSR8_0.0		221576																			
%RPD																					
D50		219329	6-Dec-08					<20	<50	<100	<100	<20		2080	20	0.2	0.2	7.8			
BH04_3.5		219329	5-Dec-08					<20	<50	<100	<100	26		<10	17	<5	<5	7.6			
%RPD																			2.60%		
D51		219329	6-Dec-08						<20	<50	<100	<20									
BH06_2.5		219329	5-Dec-08					<20	<50	<100	<100	25									
%RPD																					
D60 (interlab)		e035564	10/12/07					<10	<50	<100	<100										
1324_1.5		219329	6-Dec-08					<20	<50	<100	<100	<20									
%RPD																					
EB01		216318	10/10/2007																		
EB02		216318	11/10/2007																		
EB03		216318	12/10/2007																		
EB04		216318	13/10/2007																		
EB05		216318	14/10/2007																		
EB06		216296	15/10/2007																		
EB07		216296	16/10/2007																		
EB08		216296	17/10/2007																		
EB20		219329	4-Dec																		
EB21		219329	5-Dec																		
EB22		219329	6-Dec																		
EB23		219329	7-Dec																		
EB24		219329	8-Dec																		
EB25		219329	9-Dec																		
EB26		219329	10-Dec																		
EB27		219329	11-Dec																		
EB30		221576	29/01/2008																		
EB31		221576	30/01/2008																		
EB32		221576	31/01/2008																		
EB33		221576	1/02/2008																		
EB34		221576	2/02/2008																		
EB35		221576	3/02/2008																		
EB36		221576	6/02/2008																		
RB20		221576	31/01/2008																		
RB21		221576	2/02/2008																		
RB22		221576	3/02/2008																		
RB23		221576	4/02/2008																		
RB24		221576	6/02/2008																		
EB70		222303	20/02/2008																		
EB71		222303	21/02/2008																		



SUMMARY OF LATEST SOIL RESULTS
ALL RESULTS IN MG/KG UNLESS OTHERWISE SPECIFIED

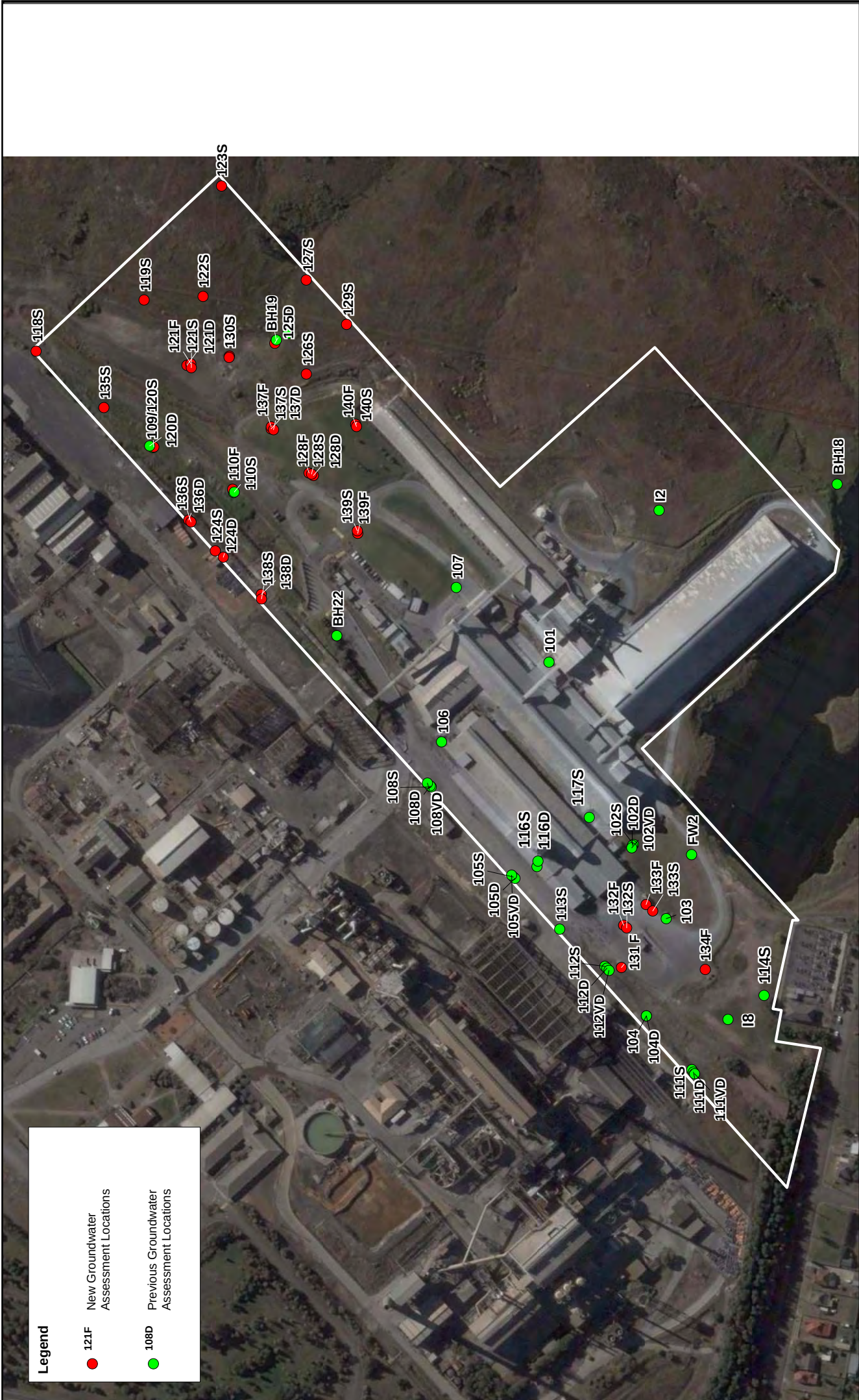
Sample ID	Soil Type	Batch No.	Date Sampled	1,2-Dichlorobenzene	1,2,3-Trichlorobenzene	1,2,3,4-Tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,3-Dichlorobenzene	1,3,5-Trichlorobenzene	1,4-Dichlorobenzene	Benzal chloride	Benzotrichloride	Benzyl chloride	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Pentachlorobenzene
QALDC																				
D3		216216	15-Oct-07																	
119_2.8		216216	15-Oct-07																	
%RPD																				
D4 (micr/lab)		e034482	15/10/07																	
1235_1.4		216216	15-Oct-07																	
%RPD																				
D40																				
SSR12_0.0		221576																		
%RPD																				
D41 (micr/lab)		e036351	6/2/08																	
SSR6_0.0		221576																		
%RPD																				
D50		219329	6-Dec-08																	
BH04_3.5		219329	5-Dec-08																	
%RPD																				
D51		219329	6-Dec-08																	
BH06_2.5		219329	5-Dec-08																	
%RPD																				
D60 (micr/lab)		e035564	10/12/07																	
1325_1.5		219329	6-Dec-08																	
%RPD																				
EB01		216318	10/10/2007																	
EB02		216318	11/10/2007																	
EB03		216318	12/10/2007																	
EB04		216318	13/10/2007																	
EB05		216318	14/10/2007																	
EB06		216296	15/10/2007																	
EB07		216296	16/10/2007																	
EB08		216296	17/10/2007																	
EB20		219329	4-Dec																	
EB21		219329	5-Dec																	
EB22		219329	6-Dec																	
EB23		219329	7-Dec																	
EB24		219329	8-Dec																	
EB25		219329	9-Dec																	
EB26		219329	10-Dec																	
EB27		219329	11-Dec																	
EB30		221576	29/01/2008																	
EB31		221576	30/01/2008																	
EB32		221576	31/01/2008																	
EB33		221576	1/02/2008																	
EB34		221576	2/02/2008																	
EB35		221576	3/02/2008																	
EB36		221576	6/02/2008																	
EB20		221576	31/01/2008																	
EB21		221576	29/01/2008																	
EB22		221576	30/01/2008																	
EB23		221576	31/01/2008																	
EB24		221576	1/02/2008																	
EB25		221576	2/02/2008																	
EB26		221576	3/02/2008																	
EB27		221576	6/02/2008																	
EB70		222303	20/02/2008																	
EB71		222303	21/02/2008																	

[illegible][illegible]

SUMMARY OF LATEST SOIL RESULTS
ALL RESULTS IN MG/KG UNLESS OTHERWISE SPECIFIED



Sample ID	Soil Type	Batch No.	Date Sampled	Phenol	Acroder-1016	Acroder-1221	Acroder-1242	Acroder-1248	Acroder-1254	Acroder-1260	Total PCB	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene	Total PAH
QA/QC	D3	216216	15-Oct-07																									
	119.2.8	216216	15-Oct-07																									
	%RPD																											
	D4 (metlab)	034582	15/10/07																									
	1285_1.4	216216	15-Oct-07																									
	SSR12_0.0																											
	%RPD	221576			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
	D41 (metlab)	036051	6/2/08																									
	SSR8_0.0	221576																										
	%RPD																											
D50	219329	6-Dec-08										<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
BH04_3.5	219329	5-Dec-08										<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
%RPD																												
D51	219329	6-Dec-08										<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
BH06_2.5	219329	5-Dec-08										<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
%RPD																												
D69 (metlab)	035564		10/12/07									<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1325_1.5			6-Dec-08									<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
%RPD	219329																											
EB01	216318	10/10/2007																										
EB02	216318	17/10/2007																										
EB03	216318	29/05/07																										
EB04	216318	13/10/2007																										
EB05	216318	14/10/2007																										
EB06	216296	15/10/2007																										
EB07	216296	16/10/2007																										
EB08	216296	17/10/2007																										
EB20	219329	4-Dec																										
EB21	219329	5-Dec																										
EB22	219329	6-Dec																										
EB23	219329	7-Dec																										
EB24	219329	8-Dec																										
EB25	219329	9-Dec																										
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EB27	219329	11-Dec																										
EB30	221576	29/01/2008																										
EB31	221576	30/01/2008																										
EB32	221576	31/01/2008																										
EB33	221576	1/02/2008																										
EB34	221576	2/02/2008																										
EB35	221576	3/02/2008																										
EB36	221576	6/02/2008																										
RB20	221576	31/01/2008																										
RB21	221576	1/02/2008																										
RB22	221576	2/02/2008																										
RB23	221576	3/02/2008																										
RB24	221576	6/02/2008																										
EB70	222303	20/02/2008																										
EB71	222303	21/02/2008																										



Soil & Groundwater Pty Ltd 207 The Parade Norwood SA 5067 PO Box 3166 Norwood SA 5067 T: 08 8431 7113 F: 08 8431 7115	Drawn: DJN	Date: 17 April 2008	Job No.: SG061313	Project: Cockle Creek Assessments	Sheet 1 of 1	
	Checked: APN	Date: 18 April 2008	Title: GROUNDWATER INVESTIGATION LOCATIONS			
	File Name: Fig4.wor	Scale: NTS	A4	FIGURE A3		



Sample ID	Date	Metals									Nutrients		pH	TDS
		Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Zinc	Ammonia (N)	Nitrate (N)			
Water Quality Criteria														
ANZECC 2000 - Marine 95% protection		0.0023	0.0055	0.0044	0.0013	0.0044	0.0004	0.07	0.015	0.91	0.7	6.5 - 9.0	< 1,000	
RESULTS														
101	Jun-04	0.004	0.005	<0.001	0.004	0.021	<0.0001	0.254	0.59	< 0.01	0.04	5.75	8950	
	Jul-06	0.003	0.0009	0.003	0.001	0.019	0.0015	0.071	0.19			4.7	8400	
102S	Jun-04	<0.001	0.0022	<0.001	0.001	0.001	<0.0001	0.026	0.25	< 0.01	3.2	6.49	668	
	Jul-06	< 0.001	0.0054	< 0.001	0.002	0.006	0.0003	0.012	0.38			4.7	1000	
102D	Jun-04	<0.001	0.0002	<0.001	0.002	<0.001	<0.0001	0.023	0.104	< 0.01	0.26	5.42	784	
	Jul-06	0.003	0.0008	0.003	0.002	0.001	0.0002	0.027	0.21			4.6	2400	
102VD	Jul-06	0.006	0.0027	0.003	0.022	0.004	0.0005	0.036	0.45	0.05	< 0.02	4.1	3900	
103	Jun-04	0.034	<0.0001	<0.001	0.002	0.004	<0.0001	0.025	0.463			5.66	1760	
104S	Jun-04	<0.001	0.0135	<0.001	0.013	0.072	<0.0001	0.257	10.1	< 0.01	< 0.02	6.57	1120	
	Jul-06	0.006	0.0018	0.001	< 0.001	0.076	< 0.0001	0.026	0.59			5.3	1500	
104D	Jul-06	< 0.001	0.021	0.012	0.025	0.14	< 0.0001	0.26	18	< 0.01	0.19	3.6	950	
105S	Jun-04	<0.001	0.0227	0.002	0.008	0.013	<0.0001	0.163	38.8	0.3	< 0.02	7.49	4400	
	Jul-06	0.007	0.046	0.004	0.002	0.19	0.049	0.048	21			3.6	3300	
105D	Jun-04	0.002	0.863	<0.001	0.012	0.071	0.0017	0.122	83	< 0.01	0.18	4.29	4060	
	Jul-06	< 0.001	0.016	< 0.001	0.012	0.036	0.0006	0.005	23			3.6	4300	
105VD	Jul-06	0.002	0.0007	0.001	< 0.001	0.003	0.0014	0.063	14	0.15	< 0.02	5.9	3400	
105ED	Jul-06	0.002	< 0.0002	0.005	0.003	< 0.001	< 0.0001	0.045	0.044	0.07	< 0.02	6.3	3500	
105PW	Jul-06	< 0.001	0.0019	0.003	0.005	< 0.001	< 0.0001	0.009	7.9	0.06	< 0.02	6.2	3800	
106	Jun-04	<0.001	0.0107	<0.001	0.003	0.021	<0.0001	0.024	0.346	0.04	2.4	5.25	6030	
	Jul-06	0.045	0.091	0.002	0.026	0.006	< 0.0001	0.025	7.1			3.6	2400	
107	Jun-04	0.002	0.0023	<0.001	0.003	0.001	<0.0001	0.164	0.238	< 0.01	0.02	6.37	5410	
	Jul-06	0.004	0.0009	0.005	0.004	< 0.001	0.0013	0.098	0.13			5.4	4200	
108S	Jun-04	<0.001	0.0073	0.002	0.01	0.01	<0.0001	0.101	3.22	0.06	< 0.02	5.36	4270	
	Jul-06	< 0.001	0.01	< 0.001	0.001	0.077	0.0003	0.01	1.7			3.4	3900	
108D	Jun-04	<0.001	0.0038	0.001	0.005	0.03	<0.0001	0.022	2.12	0.08	< 0.02	4.82	3090	
	Jul-06	< 0.001	0.0059	0.002	0.002	0.28	0.0006	0.008	6.1			3.3	3300	
108VD	Jul-06	0.002	0.0003	0.005	0.005	0.016	< 0.0001	0.046	0.063	0.04	< 0.02	5.1	4700	
108PW	Jul-06	0.018	< 0.0002	0.005	0.01	< 0.001	< 0.0001	0.016	0.044	< 0.01	< 0.02	5.6	3400	
109	Jun-04	<0.001	0.0013	<0.001	0.006	<0.001	<0.0001	0.047	4.74	< 0.01	0.86	6.43	1970	
	Jul-06	0.003	0.0003	0.002	0.013	0.001	0.0094	0.026	5			5.7	1700	
110	Jul-06	0.006	< 0.0002	0.004	0.001	0.001	0.0002	0.015	0.11	< 0.01	< 0.02	6.4	3000	
111S	Jul-06	0.005	0.0008	0.003	0.072	0.003	< 0.001	0.007	0.21	0.01	0.02	6.3	1300	
111D	Jul-06	0.003	0.0022	0.004	0.005	0.056	0.012	< 0.001	0.24	< 0.01	< 0.02	6.4	1600	
111VD	Jul-06	0.003	0.0002	0.004	< 0.001	0.003	< 0.0001	0.011	0.028	< 0.01	< 0.02	6.4	1500	
112S	Jul-06	Insufficient water to sample												
112D	Jul-06	0.001	0.0092	< 0.001	< 0.001	0.033	0.0013	0.005	1.3	0.18	0.94	4.7	1900	
112VD	Jul-06	0.009	0.0018	0.004	0.041	0.047	0.0001	0.019	0.3	< 0.01	< 0.02	4.5	1900	
113S	Jul-06	0.005	0.017	< 0.001	0.007	0.005	< 0.001	0.053	4.1	0.5	0.21	5.6	3800	
114S	Jul-06	0.004	< 0.0002	0.001	0.002	< 0.001	< 0.001	0.006	0.052	0.03	< 0.02	5.3	940	
115S	Jul-06	< 0.001	0.0076	< 0.001	0.012	0.014	< 0.001	0.024	1.4	0.03	0.38	3.6	2000	
116S	Jul-06	< 0.001	< 0.0002	< 0.001	< 0.001	0.014	< 0.0001	0.012	1.7	0.13	< 0.02	3.9	3200	
116D	Jul-06	< 0.001	0.0005	< 0.001	0.004	0.008	< 0.0001	0.014	0.1	0.05	7.5	4.4	2100	
117S	Jul-06	0.011	0.045	< 0.001	0.007	0.014	< 0.001	0.074	28	0.02	3.1	4.8	1300	
BH7	Jun-04	<0.001	0.0116	<0.001	0.003	0.019	<0.0001	0.048	6.22	< 0.01	0.12	4.25	992	
	Jul-06	< 0.001	0.004	< 0.001	0.003	0.069	0.0018	0.012	1.9			3.9	810	
BH18	Jun-04	0.002	0.0001	<0.001	0.002	0.005	<0.0001	0.003	0.038	0.11	0.05	5.38	712	
	Jul-06	0.002	< 0.0002	< 0.001	0.007	0.002	< 0.001	0.003	0.032			4.9	730	
BH22	Jun-04	<0.001	0.0531	<0.001	0.007	0.037	<0.0001	0.03	8.65	0.02	11	4.61	1520	
	Jul-06	0.001	0.037	0.001	0.006	0.027	0.0002	0.02	12			4.1	1400	
I1	Jun-04	0.001	0.0001	<0.001	0.002	0.001	<0.0001	0.014	0.047	< 0.01	0.02	6.57	1250	
	Jul-06	0.012	< 0.0002	0.002	< 0.001	< 0.001	0.0005	0.01	0.019			5.9	1300	
I2	Jun-04	<0.001	0.0006	<0.001	0.003	0.014	<0.0001	0.047	0.305	< 0.01	0.02	5.6	2090	
	Jul-06	0.002	< 0.0002	0.002	0.006	0.004	< 0.0001	0.031	0.19			5	2000	
I5	Jun-04	0.061	0.0001	<0.001	<0.001	0.003	<0.0001	0.023	2.91	< 0.01	4		1040	
	Jul-06	0.018	0.056	< 0.001	0.042	0.12	0.0026	0.023	13			4.1	1300	
I4(I8)	Jun-04	0.011	0.0623	<0.001	0.003	<0.001	<0.0001	0.007	11	0.56	< 0.02	7.52	1690	
	Jul-06	0.042	0.0069	0.002	0.029	< 0.001	< 0.001	0.01	8.2					
FW2	Jun-04	0.008	0.0004	<0.001	0.001	<0.001	<0.0001	0.001	0.035	0.03	0.21	8.07	726	
	Jul-06	0.013	< 0.0002	< 0.001	0.004	< 0.001	0.0024	< 0.001	0.017			6.9	460	

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Sample ID	Aquifer	Batch No.	Date Sampled	Cyanide	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Zinc	Antimony	Beryllium	Calcium	Cobalt	Magnesium	Molybdenum	Potassium	Selenium	Sodium	Tin	Benzene	Ethylbenzene	Toluene	Xylenes(ortho,meta and para)	TRH C29-C36 Fraction by GC	TRH C10-C14 Fraction by GC	TRH C15-C28 Fraction by GC	TRH C6-C9 Fraction by GC
ASSESSMENT CRITERIA																														
					0.1	0.01	0.1	0.2	2	0.002	0.2	2	0.009*	0.1	0.05	0.05	0.01	0.01	0.02	0.02	0.003*	0.95	0.08*	0.18*	0.2					
					0.013	0.0002	0.0033	0.0014	0.0034	0.0006	0.011	0.008	0.009*	0.13*	0.09*	0.034*	0.011	0.034*	0.15	0.02	0.003*	0.95	0.08*	0.18*	0.2					
					0.5	0.01	1	0.4	0.1	0.002	1	20			1			0.15	0.05	0.02	0.001	0.95	0.08*	0.18*	0.2					
				0.08	0.007	0.002	0.05	2	0.01	0.001	0.02	3						0.05	0.05	0.01	0.001	0.95	0.08*	0.18*	0.2					
				0.004		0.0055	0.0274	0.0013	0.0044	0.0004	0.07	0.015			0.001					0.7										
RESULTS																														
FW2	Shallow	221405	5/02/2008		0.008	<0.0002	0.003	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.005	<0.001				<0.005	<0.005	0.008	<0.005	<0.005								
I2	Shallow	221405	5/02/2008		<0.001	0.0048	<0.001	<0.001	0.005	<0.0001	<0.001	0.29	<0.005	0.006		0.039		<0.005	<0.005	0.002	<0.005	<0.005								
I02S	Shallow	221166	31/01/2008		<0.001	0.16	<0.001	0.003	0.11	<0.0001	0.056	12	<0.005	0.007		0.025		<0.005		0.03	<0.005	<0.005								
I04S	Shallow	221405	5/02/2008		<0.001	0.0073	<0.001	0.003	0.052	<0.0001	0.033	19	<0.005	0.007																
I05S	Shallow	221167	20/02/2008		0.046	0.054	<0.001	0.016	0.001	<0.0001	0.026	3.1	<0.005	0.001																
I06	Shallow	221167	20/02/2008		0.001	0.0015	<0.001	<0.001	0.002	<0.0001	0.11	0.25	<0.005	0.003																
I07	Shallow	221167	30/02/2008		0.001	0.0012	<0.001	<0.001	0.035	<0.0001	0.038	1.4	<0.005	0.003		0.031		<0.005	<0.005	0.008	<0.005	<0.005	<0.001	<0.001	<0.001	<0.05	<0.1	<0.1	<0.02	
I08S	Shallow	221167	20/02/2008	<0.005	0.001	<0.0002	<0.001	<0.001	0.003	<0.0001	0.026	12	<0.005	0.006	190		200													
I09S	Shallow	222229	20/02/2008		0.008	<0.0002	<0.001	0.001	<0.001	<0.005	0.029	0.068								880										
I10S	Shallow	221964	21/11/2007		0.002	0.0005	<0.001	0.002	0.003	<0.0001	0.002	0.078																		
I11S	Shallow	222502	22/02/2008		0.002	0.0005	<0.001	<0.001	0.003	<0.0001	0.002	0.078																		
I11S	Shallow	221167	30/02/2008		<0.001	0.056	<0.001	0.012	0.016	<0.0001	0.11	7.9	<0.005	0.001																
I11S	Shallow	221405	5/02/2008	<0.005	<0.001	<0.0002	<0.001	<0.001	<0.001	<0.0001	0.005	0.051	<0.005	<0.001	<0.001	0.006		<0.005	<0.005	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.05	<0.1	<0.1	<0.02	
I15S	Shallow	221166	31/01/2008		<0.001	0.012	<0.001	<0.001	0.007	<0.0001	0.031	6.2	<0.005	<0.001		0.006		<0.005	<0.005	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.05	<0.1	<0.1	<0.02	
I16S	Shallow	221167	30/02/2008		<0.001	0.001	<0.001	<0.001	0.008	<0.0001	0.041	9	<0.005	<0.001		0.041		<0.005	<0.005		<0.005	<0.005	<0.001	<0.001	<0.001	<0.05	<0.1	<0.1	<0.02	
I17S	Shallow	221166	31/01/2008		0.001	0.088	<0.001	0.089	0.21	<0.0001	0.048	27	<0.005	<0.001																
I18S	Shallow	221981	21/11/2007		<0.004	<0.0002	0.007	<0.001	<0.001	<0.0001	0.002	0.012	<0.005	0.002	53		30		<0.005	<0.005	0.008	<0.005	<0.005	<0.001	<0.001	<0.05	<0.1	<0.1	<0.02	
I18S	Shallow	222229	20/02/2008		0.004	<0.0002	0.007	<0.001	0.001	<0.0001	0.002	0.009	<0.005	0.002			140		<0.005	<0.005	0.002	<0.005	<0.005	<0.001	<0.001	<0.05	<0.1	<0.1	<0.02	
I19S	Shallow	221981	21/11/2007		<0.001	0.0004	<0.001	<0.001	0.007	<0.0001	0.01	0.097	<0.005	0.002	8.2		33		<0.005	<0.005	0.002	<0.005	<0.005	<0.001	<0.001	<0.05	<0.1	<0.1	<0.02	
I20S	Shallow	222229	20/02/2008		<0.001	0.0006	<0.001	<0.001	0.008	<0.0001	0.008	0.8	<0.005	0.002			43		<0.005	<0.005	0.002	<0.005	<0.005	<0.001	<0.001	<0.05	<0.1	<0.1	<0.02	
I20S	Shallow	221981	21/11/2007		0.003	0.0004	<0.001	<0.001	0.002	<0.0001	0.027	4.9	<0.005	0.002	31		30		<0.005	<0.005	0.002	<0.005	<0.005	<0.001	<0.001	<0.05	<0.1	<0.1	<0.02	
I21S	Shallow	221964	21/11/2007		0.009	0.0036	<0.001	<0.001	0.034	<0.005	0.007	1.3	<0.005	0.002	25		30		<0.005	<0.005	0.002	<0.005	<0.005	<0.001	<0.001	<0.05	<0.1	<0.1	<0.02	
I21S	Shallow	222502	22/02/2008		<0.001	0.0015	<0.001	0.004	0.029	<0.0001	0.013	0.024	<0.005	0.002			43		<0.005	<0.005	0.002	<0.005	<0.005	<0.001	<0.001	<0.05	<0.1	<0.1	<0.02	
I22S	Shallow	221969	19/12/2007		0.009	<0.0002	<0.001	<0.001	<0.001	<0.0001	0.029	0.88	<0.005	0.002			520		<0.005	<0.005	0.002	<0.005	<0.005	<0.001	<0.001	<0.05	<0.1	<0.1	<0.02	
I22S	Shallow	222229	20/02/2008		0.01	<0.0002	0.002	<0.001	0.004	<0.0001	0.013	0.024	<0.005	0.002			120		<0.005	<0.005	0.002	<0.005	<0.005	<0.001	<0.001	<0.05	<0.1	<0.1	<0.02	
I23S	Shallow	221981	21/11/2007		<0.001	<0.0002	<0.001	<0.001	0.003	<0.0001	0.004	0.016	<0.005	0.002	<5		<5		<0.005	<0.005	0.002	<0.005	<0.005	<0.001	<0.001	<0.05	<0.1	<0.1	<0.02	
I23S	Shallow	222229	20/02/2008		<0.001	<0.0002	<0.001	<0.001	0.003	<0.0001	0.004	0.021	<0.005	0.002	<5		<5		<0.005	<0.005	0.002	<0.005	<0.005	<0.001	<0.001	<0.05	<0.1	<0.1	<0.02	
I24S	Shallow	221964	21/11/2007		<0.001	0.051	<0.001	0.023	0.64	<0.005	0.029	2400	<0.005	0.002	120		410		<0.005	<0.005	0.002	<0.005	<0.005	<0.001	<0.001	<0.05	<0.1	<0.1	<0.02	
I24S	Shallow	221969	19/12/2007		<0.001	0.047	<0.001	0.021	0.53	<0.0001	0.033	13	<0.005	0.002			46		<0.005	<0.005	0.002	<0.005	<0.005	<0.001	<0.001	<0.05	<0.1	<0.1	<0.02	
I24S	Shallow	222303	21/02/2008		<0.001	0.044	<0.001	0.056	0.4	<0.0001	0.024	1900	<0.005	0.002			390		<0.005	<0.005	0.002	<0.005	<0.005	<0.001	<0.001	<0.05	<0.1	<0.1	<0.02	
I26S	Shallow	221981	21/11/2007		0.005	0.001	0.001	<0.001	0.001	<0.0001	0.008	0.17	<0.005	0.002	20		41		<0.005	<0.005	0.002	<0.005	<0.005	<0.001	<0.001	<0.05	<0.1	<0.1	<0.02	
I26S	Shallow	222229	20/02/2008		0.006	0.0006	<0.001	<0.001	0.005	<0.0001	0.006	0.15	<0.005	0.002	8.5		18		<0.005	<0.005	0.002	<0.005	<0.005	<0.001	<0.001	<0.05	<0.1	<0.1	<0.02	
I27S	Shallow	221981	21/11/2007		0.004	0.004	<0.001	<0.001	0.004	<0.0001	0.003	0.22	<0.005	0.002			42		<0.005	<0.005	0.002	<0.005	<0.005	<0.001	<0.001	<0.05	<0.1	<0.1	<0.02	
I27S	Shallow	222229	20/02/2008		0.005	<0.0002	<0.001	<0.001	0.004	<0.0001	0.003	0.13	<0.005	0.002			200		<0.005	<0.005	0.002	<0.005	<0.005	<0.001	<0.001	<0.05	<0.1	<0.1	<0.02	
I28S	Shallow	221964	21/11/2007	<0.005	0.003	0.0082	<0.001	<0.001	0.03	<0.005	0.092	100	<0.005	0.002	74		180		<0.005	<0.005	0.002	<0.005	<0.005	<0.001	<0.001	<0.05	<0.1	<0.1	<0.02	
I28S	Shallow	222303	21/02/2008	<0.5	0.018	0.0092	<0.001	0.002	0.004	<0.0001	0.16	64	<0.005	0.002			840		<0.005	<0.005	0.002	<0.005	<0.005	<0.001	<0.001	<0.05	<0.1	<0.1	<0.02	
I29S	Shallow	221981	21/11/2007		<0.001	<0.0002	<0.001	<0.001	<0.001	<0.0001	0.002	0.23	<0.005	0.002	6.2		85		<0.005	<0.005	0.002	<0.005	<0.005	<0.001	<0.001	<0.05	<0.1	<0.1	<0.02	
I29S	Shallow	222229	20/02/2008		0.001	<0.0002	<0.001	<0.001	<0.001	<0.0001	0.003	0.023	<0.005	0.002	30		15		<0.005	<0.005	0.002	<0.005	<0.005	<0.001	<0.001	<0.05	<0.1	<0.1	<0.02	
I30S	Shallow	221964	21/11/2007		0.024	0.007	0.001	<0.001	0.026	0.0079	0.004	4.8	<0.005	0.002			25		<0.005	<0.005	0.002	<0.005	<0.005	<0.001	<0.001	<0.05	<0.1	<0.1	<0.02	
I32S	Shallow	222303	21/02/2008		0.083	0.0028																								

SUMMARY OF LATEST GROUNDWATER RESULTS
ALL RESULTS IN MG/L UNLESS OTHERWISE SPECIFIED



Sample ID	Aquifer	Batch No.	Date Sampled	Cyanide	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Zinc	Antimony	Beryllium	Calcium	Cobalt	Magnesium	Molybdenum	Potassium	Selenium	Sodium	Tin	Benzene	Ethylbenzene	Toluene	Xylenes(o,m,p)	THM C29-C36 Fraction by GC	THM C10-C14 Fraction by GC	THM C15-C28 Fraction by GC	THM C6-C9 Fraction by GC	
ASSESSMENT CRITERIA																															
ANZECC 2000 Irrigation (LTV)					0.1	0.01	0.1	0.2	2	0.002	0.2	2	0.002	0.1	0.1	0.05	0.01	0.02	0.02	0.02	0.003*			0.55	0.08*	0.18*	0.2				
ANZECC 2000 Freshwater 95%					0.013	0.0002	0.0033	0.0014	0.034	0.0006	0.011	0.008	0.009*	0.13*	0.13*	0.08*	0.034*	0.011	0.011	0.011	0.003*			0.55	0.08*	0.18*	0.2				
ANZECC 2000 Stock Watering					0.5	0.01	1	0.4	0.1	0.002	1	20				1	0.15	0.15	0.02	0.02				0.001	0.3	0.8	0.6				
NH&RC Drinking Water 2004				0.08	0.007	0.002	0.05	2	0.01	0.001	0.02	3						0.05	0.05	0.01	0.01				0.001	0.3	0.8	0.6			
ANZECC 2000 Marine Water 95%				0.004	0.0055	0.0274	0.0013	0.0044	0.0004	0.0004	0.07	0.015					0.001								0.7						
102D	Deep	221166	31/01/2008		<0.001	0.0028	<0.001	<0.001	0.001	<0.0001	0.018	0.8																			
102VD	Deep	221166	31/01/2008		0.002	0.051	0.002	<0.001	0.02	<0.0001	0.057	16																			
104D	Deep	221405	5/02/2008		<0.001	0.0004	<0.001	<0.001	0.029	<0.0001	0.018	0.73																			
105D	Deep	221167	20/02/2008		<0.001	0.083	<0.001	<0.001	0.023	<0.0001	0.018	13																			
105ED	Deep	221167	20/02/2008		<0.001	0.0002	<0.001	<0.001	<0.001	<0.0001	0.003	0.026																			
105VD	Deep	221167	20/02/2008		0.005	0.0052	<0.001	<0.001	<0.001	<0.0001	0.019	4.5																			
108D	Deep	221167	20/02/2008		<0.001	0.025	<0.001	<0.001	0.001	<0.0001	0.023	10																			
108VD	Deep	221167	20/02/2008		0.002	0.0008	<0.001	<0.001	0.007	<0.0001	0.022	2.6																			
111D	Deep	221167	3/02/2008		0.002	0.0007	<0.001	<0.001	0.017	<0.0001	0.001	0.11																			
111VD	Deep	221405	5/02/2008		<0.001	0.06	0.004	<0.001	0.001	<0.0001	0.002	0.87																			
112D	Deep	221166	31/01/2008		0.003	0.09	0.004	<0.001	<0.001	<0.0001	0.013	13																			
116D	Deep	221167	3/02/2008		<0.001	0.0011	<0.001	<0.001	0.015	<0.0001	0.017	0.16																			
120D	Deep	221981	21/11/2007		<0.001	<0.0002	0.003	<0.001	<0.001	<0.0001	0.007	0.008			170		89		14		780										
120D	Deep	222502	22/02/2008		0.009	<0.002	0.015	0.002	<0.001	<0.0001	0.005	<0.001			140		85		20		780										
121D	Deep	217964	21/11/2007		0.003	0.0022	0.006	<0.001	0.002	<0.005	0.003	0.29																			
121D	Deep	222303	21/02/2008		0.003	<0.0002	0.001	<0.001	<0.001	<0.0001	0.003	0.062																			
124D	Deep	222303	21/02/2008		0.57	0.0022	0.002	0.005	0.054	<0.0001	0.028	4.4																			
125D	Deep	217964	21/11/2007		0.004	<0.0002	0.005	<0.001	<0.001	<0.005	0.005	0.13			85		51		18		420										
125D	Deep	222303	21/02/2008		0.003	<0.0002	0.002	<0.001	<0.001	<0.0001	0.004	0.014																			
136D	Deep	222303	21/02/2008		0.005	<0.0002	<0.001	0.001	0.002	<0.0001	0.012	0.64																			
136D	Deep	222303	21/02/2008		0.005	0.0015	0.001	0.002	0.002	<0.0001	0.035	2																			
137D	Deep	222303	21/02/2008		0.004	0.0005	0.001	<0.001	<0.001	<0.0001	0.007	0.35																			
138D	Deep	222229	20/02/2008		0.032	0.0044	<0.001	0.002	0.006	<0.0001	0.013	52																			
1110F	Fill	217964	21/11/2007		0.003	0.011	<0.001	0.022	0.22	<0.005	0.083	53			180		160		19		560										
12202D	Fill	222502	22/02/2008		<0.001	0.0063	<0.001	0.017	0.12	<0.0001	0.016	27																			
1211F	Fill	217964	21/11/2007		0.002	0.53	<0.001	0.002	0.052	<0.005	0.016	20																			
1211F	Fill	222303	21/02/2008		0.006	0.19	<0.001	0.002	0.024	<0.0001	0.015	10																			
128F	Fill	217964	21/11/2007		0.001	0.012	<0.001	0.007	0.21	<0.005	0.054	210																			
128F	Fill	222303	21/02/2008		0.005	0.019	<0.001	0.002	0.06	<0.0001	0.08	120																			
130F	Fill	217964	21/11/2007		0.02	0.012	<0.001	0.003	0.012	0.0084	0.037	17																			
130F	Fill	222303	21/02/2008		0.009	0.13	<0.001	0.003	0.001	<0.0001	0.037	18																			
133F	Fill	219569	19/12/2007		0.28	0.11	<0.001	0.049	0.016	<0.0001	0.17	4.5																			
134F	Fill	219569	19/12/2007		0.018	0.0004	<0.001	0.002	0.003	<0.0001	0.009	0.25																			
137F	Fill	222303	21/02/2008		0.048	0.23	<0.001	0.18	<0.001	<0.0001	0.62	80																			
139F	Fill	222303	21/02/2008		0.001	0.01	<0.001	0.009	0.001	<0.0001	0.018	2																			
QA/QC																															
D1		221166	31/01/2008		<0.001	0.013	<0.001	<0.001	0.007	<0.0001	0.03	5.9																			
115S	%RPD	221166	31/01/2008		<0.001	0.012	<0.001	<0.001	0.007	<0.0001	0.031	6.2																			
D2		217981	21/11/2007		-	8.00%	-	-	0.00%	-	3.28%	4.96%																			
118S	%RPD	217981	21/11/2007		<0.001	<0.0002	0.002	<0.001	<0.001	<0.0001	0.002	0.012																			
D2		221167	20/02/2008		<0.001	0.024	<0.001	<0.001	0.091	<0.0001	0.022	10																			
108D	%RPD	221167	20/02/2008		<0.001	0.025	<0.001	-	0.00%	<0.0001	0.023	10																			
D10		219569	19/12/2007		0.003	<0.0002	<0.001	<0.001	<0.001	<0.0001	0.003	0.007																			
BH19	%RPD	219569	19/12/2007		0.002	<0.0002	<0.001	<0.001	<0.001	<0.0001	0.002	0.008																			
D17		222502	22/02/2008		40.00%	-	-	-	-	-	40.00%	13.35%																			
121S	%RPD	222502	22/02/2008		<0.001	0.0014	<0.001	0.005	0.027	<0.0001	0.002	0.89				</															

SUMMARY OF LATEST GROUNDWATER RESULTS
ALL RESULTS IN MG/L UNLESS OTHERWISE SPECIFIED



Sample ID	Aquifer	Batch No.	Date Sampled	Ammonia (N)	Nitrate (N)	Total Kjeldahl Nitrogen (N)	Total Nitrogen (N)	Nitrate + Nitrite (N)	Phosphate ortho (P)	Total Phosphate (P)	Sulphate (S)	Chloride	Fluoride (vol)	pH	Total Dissolved Solids	Bicarbonate Alkalinity-mg CaCO3/L	Carbonate Alkalinity-mg CaCO3/L	1,2-Dichlorobenzene	1,2,3-Trichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	1,3,5-Trichlorobenzene	1,4-Dichlorobenzene	Benzal chloride	Benzotrichloride	Benzyl chloride	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Pentachlorobenzene						
ASSESSMENT CRITERIA																																					
ANZECC 2000 Irrigation (LTV)				0.9	50	90	0.5*	0.16	0.05	0.05*	330	500	1.5	6-8.5				0.16	0.01																		
ANZECC 2000 Freshwater 95%																							0.26	0.06													
ANZECC 2000 Stock Watering																																					
NHMRC Drinking Water 2004				0.5	50	11.2868817					500	1.5	6.5-8.5					1.5																			
ANZECC 2000 Marine Water 95%				0.91																																	
RESULTS																																					
FW2	Shallow	221405	5/02/2008	0.19	0.93	0.3			<0.05	0.35	33		0.4	9.1	270			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001				
	Shallow	221405	5/02/2008	<0.05	<0.02	<0.1			<0.05	0.77	220		0.3	5.4	1600																						
I02S	Shallow	31612008	221166	0.12	2.9	0.8			<0.05	0.52	230		0.3	4.3	960																						
	Shallow	221405	5/02/2008	0.08	3.2	0.5			<0.05	0.27	270		0.5	3.4	1000																						
I04S	Shallow	221405	5/02/2008	0.14	<0.02	0.6			<0.05	0.01	790																										
	Shallow	221167	2/02/2008	<0.05	2	0.9			0.12	1.2	150		1.4	3.9	950																						
I05S	Shallow	221167	2/02/2008	<0.05	0.02	0.3			<0.05	0.03	260		0.8	5.3	3600																						
	Shallow	302/2008																																			
I07	Shallow	221167	3/02/2008	<0.05	0.02	0.3			<0.05	0.03	260		0.8	5.3	3600																						
	Shallow	221167	3/02/2008	<0.05	0.02	0.3			<0.05	0.03	260		0.8	5.3	3600																						
I08S	Shallow	221167	3/02/2008	<0.05	0.02	0.3			<0.05	0.03	260		0.8	5.3	3600																						
	Shallow	221167	3/02/2008	<0.05	0.02	0.3			<0.05	0.03	260		0.8	5.3	3600																						
I09S	Shallow	222229	20/02/2008	0.26	<0.02	0.4	0.4	<0.02		0.07	170		0.4					<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
	Shallow	222229	20/02/2008	0.26	<0.02	0.4	0.4	<0.02		0.07	170		0.4					<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
I10S	Shallow	217964	21/11/2007	<0.05	<0.1	1.8			<0.05		340	1200		6.4	3600	210	<10																				
	Shallow	217964	21/11/2007	<0.05	<0.1	1.8			<0.05		340	1200		6.4	3600	210	<10																				
I11S	Shallow	222502	22/02/2008	<0.05	<0.02	<0.1	<0.2	<0.02	0.21	230			0.2																								
	Shallow	222502	22/02/2008	<0.05	<0.02	<0.1	<0.2	<0.02	0.21	230			0.2																								
I13S	Shallow	221167	3/02/2008	0.14	0.03	1.1			0.34	3.4	80																										
	Shallow	221167	3/02/2008	0.14	0.03	1.1			0.34	3.4	80																										
I14S	Shallow	221166	31/01/2008	0.09	0.38	0.8			<0.05	0.46	250		0.3	3.4	940																						
	Shallow	221166	31/01/2008	0.09	0.38	0.8			<0.05	0.46	250		0.3	3.4	940																						
I15S	Shallow	221167	3/02/2008	0.2	<0.02	1.7			<0.05	0.03	640		0.3	3.5	2300																						
	Shallow	221167	3/02/2008	0.2	<0.02	1.7			<0.05	0.03	640		0.3	3.5	2300																						
I16S	Shallow	221166	31/01/2008	<0.05	12	<0.1			<0.05	2.4	210		0.4	3.9	1000																						
	Shallow	221166	31/01/2008	<0.05	12	<0.1			<0.05	2.4	210		0.4	3.9	1000																						
I17S	Shallow	221167	3/02/2008	3.6	<0.02	4.8			<0.05	<0.01	55	74		6.5	690	250	<10																				
	Shallow	221167	3/02/2008	3.6	<0.02	4.8			<0.05	<0.01	55	74		6.5	690	250	<10																				
I18S	Shallow	222229	20/02/2008	3.7	<0.02	5.2			<0.05	0.07	52		0.4																								
	Shallow	222229	20/02/2008	3.7	<0.02	5.2			<0.05	0.07	52		0.4																								
I19S	Shallow	217981	21/11/2007	0.92	0.1	2.2			<0.05	<0.01	87	530		5.3	1400	20	<10																				
	Shallow	217981	21/11/2007	0.92	0.1	2.2			<0.05	<0.01	87	530		5.3	1400	20	<10																				
I20S	Shallow	222229	20/02/2008	0.31	<0.02	6.6			<0.05	<0.01	180	370		5.2	1400	24	<10																				
	Shallow	217981	21/11/2007	0.31	<0.02	6.6			<0.05	<0.01	180	370		5.2	1400	24	<10																				
I21S	Shallow	217984	21/11/2007	1.5	0.03	4.4			<0.05	0.06	190	490		4.2	1600	<10	<10																				
	Shallow	217984	21/11/2007	1.5	0.03	4.4			<0.05	0.06	190	490		4.2	1600	<10	<10																				
I22S	Shallow	22/05/02	20/02/2008	0.98	<0.02	1.5	1.5	<0.02		0.03	180		<0.2																								
	Shallow	22/05/02	20/02/2008	0.98	<0.02	1.5	1.5	<0.02		0.03	180		<0.2																								
I23S	Shallow	219569	19/12/2007	0.25	<0.02	1.3	1.3	<0.05	0.23	51		0.4																									
	Shallow	219569	19/12/2007	0.25	<0.02	1.3	1.3	<0.05	0.23	51		0.4																									
I24S	Shallow	222229	20/02/2008	0.08	<0.02	1.1	1.1	<0.02	<0.05	<0.01	31	96		5.4	330	38	<10																				

SUMMARY OF LATEST GROUNDWATER RESULTS
ALL RESULTS IN MG/L UNLESS OTHERWISE SPECIFIED



Sample ID	Aquifer	Batch No.	Date Sampled	Ammonia (N)	Nitrate (N)	Total Kjeldahl Nitrogen (N)	Total Nitrogen (N)	Nitrate + Nitrite (N)	Phosphate ortho (P)	Total Phosphate (P)	Sulphate (S)	Chloride	Fluoride (µg/l)	pH	Total Dissolved Solids	Bicarbonate Alkalinity-mg CaCO3/L	Carbonate Alkalinity-mg CaCO3/L	1,2-Dichlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,3-Dichlorobenzene	1,3,5-Trichlorobenzene	Hexachlorobenzene	Benzyl chloride	Benzal chloride	Hexachlorocyclopentadiene	Hexachloroethane	Perfluorobenzene				
ASSESSMENT CRITERIA																																	
ANZECC 2000 Irrigation (LTV)				0.9	90	5	0.5*	0.16	<0.05	0.05	330	1	6-8.5	6-8.5	1400	<10		0.16	0.01	0.17	0.26	0.06											
ANZECC 2000 Freshwater 95%				0.9	90	5	0.5*	0.16	<0.05	0.05*	330	1	6-8.5	6-8.5	1400	<10		0.16	0.01	0.17	0.26	0.06											
ANZECC 2000 Stock Watering				0.5	50	11.2868817	0.05	90	<0.05	0.05	500	1.5	6.5-8.5	6.5-8.5	2500	<10		1.5				0.04											
NHMRC Drinking Water 2004				0.5	50	11.2868817	0.05	90	<0.05	0.05	500	1.5	6.5-8.5	6.5-8.5	2500	<10		1.5				0.04											
ANZECC 2000 Marine Water 95%				0.5	50	11.2868817	0.05	90	<0.05	0.05	500	1.5	6.5-8.5	6.5-8.5	2500	<10		1.5				0.04											
102D	Deep	221166	31/01/2008	0.14	3.4	1.5			<0.05	0.26	250	0.3	4.6	4.6	1400						0.08												
102VD	Deep	221166	31/01/2008	0.19	0.86	0.9			<0.05	0.79	300	0.8	4.9	4.9	2100																		
104D	Deep	221405	5/02/2008	0.16	<0.02	0.2			<0.05	0.25	270	0.3	5.4	5.4	1200																		
105D	Deep	221167	2/02/2008	0.09	0.46	0.5			<0.05	0.08	640	0.8	3.7	3.7	2500																		
105ED	Deep	221167	2/02/2008	0.35	0.03	1.2			0.12	0.54	68	0.4	6.5	6.5	3300																		
105VD	Deep	221167	2/02/2008	0.18	0.1	6.4			<0.05	0.42	140	0.4	5.8	5.8	780																		
108D	Deep	221167	2/02/2008	0.4	<0.02	0.7			<0.05	0.12	490	<0.2	3.6	3.6	2000																		
108VD	Deep	221167	2/02/2008	0.59	<0.02	1.1			<0.05	0.14	250	0.3	4.7	4.7	4000																		
111D	Deep	221167	3/02/2008	0.06	<0.02	0.4			0.08	0.84	78	<0.2	6.7	6.7	1700																		
111VD	Deep	221405	5/02/2008	0.06	0.12	<0.1			<0.05	4.7	95	0.2	6.6	6.6	1700																		
112D	Deep	221166	31/01/2008	<0.05	6.5	1.7			<0.05	0.74	370	1.5	6.2	6.2	1600																		
115D	Deep	221167	3/02/2008	0.12	9.2	0.4			<0.05	0.48	320	0.4	4	4	1900																		
115VD	Deep	3002/2008	0.12	9.2	0.4				<0.05	0.48	320	0.4	4	4	1900																		
120D	Deep	217981	21/11/2007	0.95	<0.02	18			<0.05	<0.01	64	1300	<0.2	6.3	3000	400	<10																
120VD	Deep	225502	22/02/2008	0.84	<0.02	8.8			<0.05	0.24	64	1300	<0.2	6.3	3000	400	<10																
121D	Deep	217984	21/11/2007	0.71	<0.02	1.3			0.21	0.82	52	1300	0.3	6.8	2800	340	<10																
121VD	Deep	223303	21/02/2008	0.73	<0.02	1			<0.02	1.9	53	0.4	0.5	0.4	2800	340	<10																
124D	Deep	223303	21/02/2008	0.2	<0.02	0.2			<0.02	0.43	750	0.5	580	0.4	6.8	1600	280	<10															
125D	Deep	217984	21/11/2007	0.13	<0.02	0.8			<0.05	0.32	55	580	0.4	6.8	1600	280	<10																
125VD	Deep	223303	21/02/2008	0.16	0.08	1			<0.05	0.16	44	0.6	0.6	0.4	1600	280	<10																
128D	Deep	223303	21/02/2008	0.06	<0.02	0.1			<0.02	0.15	220	0.4	0.4	0.4	1600	280	<10																
136D	Deep	223303	21/02/2008	0.23	<0.02	1.8			<0.02	0.23	420	0.8	0.8	0.4	1600	280	<10																
137D	Deep	223303	21/02/2008	0.1	<0.02	0.3			0.02	0.69	120	0.5	1.4	1.4	1400	280	<10																
138D	Deep	222229	20/02/2008	0.47	0.06	0.8			0.06	0.15	820	0.5	0.5	0.5	2600	<10	<10																
138VD	Deep	222229	20/02/2008	0.47	0.06	0.8			<0.05	<0.01	410	730	1	3.6	2600	<10	<10																
139D	Fill	217984	21/11/2007	0.5	<0.1	1.1			<0.02	0.13	380	0.5	0.5	0.5	2600	<10	<10																
110F	Fill	225502	22/02/2008	0.32	<0.02	<0.1			<0.02	0.13	380	0.5	0.5	0.5	2600	<10	<10																
121F	Fill	217984	21/11/2007	0.2	1.5	1.2			<0.05	0.27	310	51	0.8	6.9	1500	170	<10																
123F	Fill	223303	21/02/2008	0.6	0.38	0.9			<0.05	0.56	240	120	1.7	3	2900	<10	<10																
128F	Fill	217984	21/11/2007	1.2	<0.02	2.9			<0.05	<0.01	650	120	1.4	3	2900	<10	<10																
130F	Fill	223303	21/02/2008	1.4	<0.1	2.5			<0.05	0.95	660	6.4	6.4	7	2800	220	<10																
130VD	Fill	217984	21/11/2007	<0.05	0.12	4.1			<0.05	0.71	430	370	1.6	7	2800	220	<10																
133F	Fill	223303	21/02/2008	<0.05	0.14	3.4			<0.05	6.5	330	7.8	7.5	7	2800	220	<10																
133VD	Fill	219569	19/12/2007	<0.05	3	13			<0.05	3.2	17	480	7.5	4.9	450	52	<10																
134F	Fill	219569	19/12/2007	1.7	1.3	4.9			<0.05	0.11	850	0.5	5.2	5.2	450	52	<10																
137F	Fill	223303	21/02/2008	5.8	0.11	7.2			0.22	5.3	880	0.5	41	41	880	85	<10																
139F	Fill	223303	21/02/2008	<0.05	0.18	3.1			0.03	0.03	85	0.5	0.5	0.5	85	85	<10																
QA/QC																																	
D1		221166	31/01/2008	0.09	0.45	1			<0.05	0.42	250	0.3	3.4	3.4	880																		
115S		221166	31/01/2008	0.09	0.38	0.8			<0.05	0.46	250	0.3	3.4	3.4	940																		
%RPD				0.09%	16.87%	22.22%			-	9.09%	0.00%	0.00%	0.00%	0.00%	5.46%																		
D2		217981	21/11/2007	3.5	<0.02	4.3			<0.05	<0.01	60	80	<0.2	6.6	700	260	<10																
118S		217981	21/11/2007	3.6	<0.02	4.8			<0.05	<0.01	55	74	<0.2	6.5	690	250	<10																

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Sample ID	Aquifer	Batch No.	Date Sampled	4:4-DDD	4:4-ODE	4:4-DDT	g-BHC	Aldrin	g-BHC	Chlorane	g-BHC	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC (Lindane)	Hepachlor	Hepachlor epoxide	Hexachlorobenzene	Methoxychlor	Toxophene	2-Chlorophenol	2-Methylphenol (o-Cresol)	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4,5-Trichlorophenol	2,5-Dichlorophenol	3,4,4-Methylphenol (m,p-Cresol)	4-Chloro-3-methylphenol	Phenol	
ASSESSMENT CRITERIA																																		
ANZECC 2000 Irrigation (LTV)																																		
ANZECC 2000 Pesticide 95%																																		
ANZECC 2000 Stock Watering																																		
ANZECC Drinking Water 2004																																		
ANZECC 2000 Marine 95%																																		
RESULTS																																		
FWZ	Shallow	221405	5/02/2008	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005	<0.001	
	Shallow	221405	5/02/2008	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005	<0.001	
	Shallow	221165	31/01/2008	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005	<0.001	
	Shallow	221165	5/02/2008	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005	<0.001	
	Shallow	221167	20/02/2008	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005	<0.001
	Shallow	221167	3/02/2008	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005	<0.001
	Shallow	221167	20/02/2008	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005	<0.001
	Shallow	222229	20/02/2008	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005	<0.001
	Shallow	211984	21/11/2007	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005	<0.001
	Shallow	222502	20/02/2008	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005	<0.001
Shallow	217981	21/11/2007	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005	<0.001	
120S	Shallow	217981	21/11/2007	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005	<0.001	
	Shallow	217984	21/11/2007	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005	<0.001	
	Shallow	222502	22/02/2008	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005	<0.001	
	Shallow	219569	19/12/2007	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005	<0.001	
	Shallow	222229	20/02/2008	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005	<0.001	
	Shallow	217981	21/11/2007	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005	<0.001	
	Shallow	217984	21/11/2007	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005	<0.001	
	Shallow	222229	20/02/2008	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005	<0.001
	Shallow	217984	21/11/2007	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005	<0.001	
	Shallow	219569	19/12/2007	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005	<0.001
Shallow	222303	21/02/2008	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005	<0.001		
124S	Shallow	217981	21/11/2007	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005	<0.001	
	Shallow	219569	19/12/2007	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005	<0.001	
	Shallow	222303	21/02/2008	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005	<0.001	
	Shallow	217981	21/11/2007	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005	<0.001	
	Shallow	222229	20/02/2008	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005	<0.001	
	Shallow	217984	21/11/2007	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005	<0.001	
	Shallow	222303	21/02/2008	<0.0001	<																													

Page 6

[illegible][illegible]

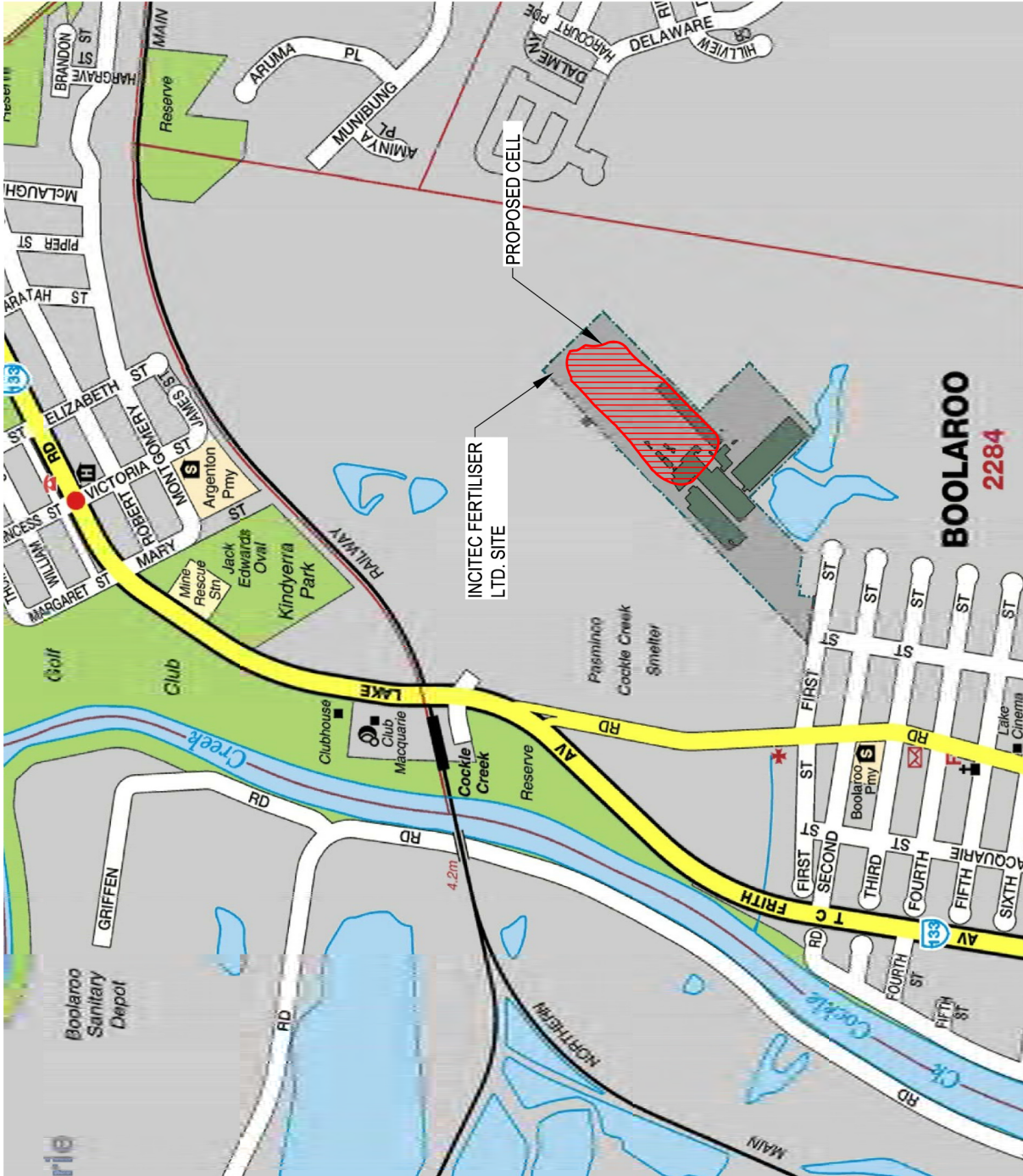
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Page 8

DRAFT

APPENDIX B

PROVISIONAL CONTAINMENT CELL DESIGN AND STAGING



LIST OF FIGURES

- FIGURE 1 SITE LOCALITY PLAN
- FIGURE 2 BASE PLAN
- FIGURE 3 FINAL LANDFORM PLAN
- FIGURE 4 FINAL LANDFORM SECTIONS
- FIGURE 5 TYPICAL DETAILS
- FIGURE 6 CELL CONSTRUCTION STAGING PLAN
- FIGURE 7 SECTION THROUGH INTERIM LANDFORM SUBCELL 2
- FIGURE 8 SURFACE WATER MANAGEMENT SUBCELL 2

NOTES:

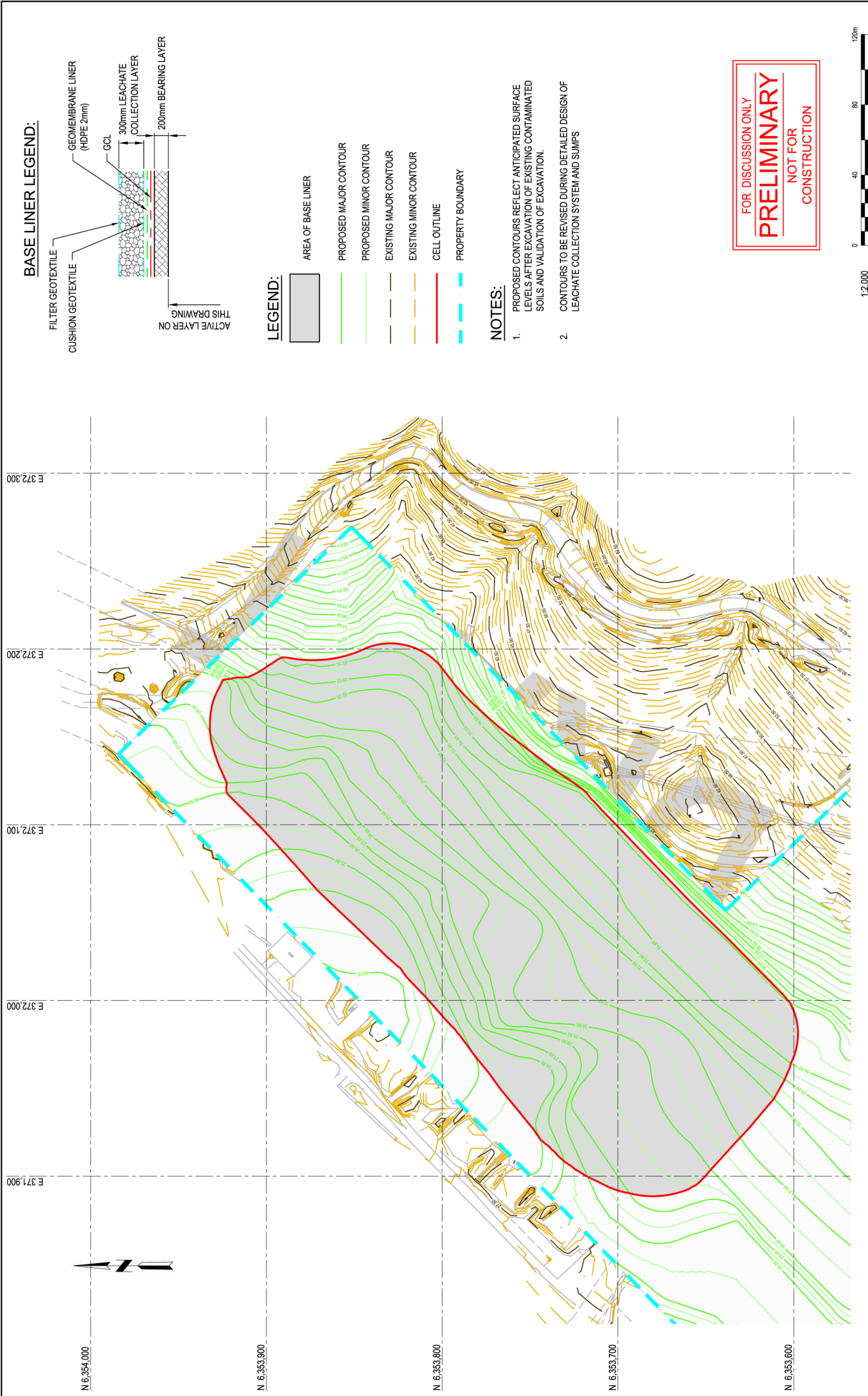
1. THESE NOTES APPLY TO ALL PROJECT DRAWINGS IN THE SET UNLESS NOTED OTHERWISE.
2. ALL LEVELS ARE IN METRES TO AUSTRALIAN HEIGHT DATUM (AHD).
3. ALL CO-ORDINATES ARE IN METRES TO MAP GRID AUSTRALIAN (MGA).
4. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
5. DIMENSIONS SHALL NOT BE SCALED OFF DRAWINGS.

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		CLIENT	INCITEC FERTILISER LTD.	PROJECT	INCITEC - COCKLE CREEK
DRAWN	DAT	27.06.08	TITLE	SITE LOCALITY PLAN	
CHECKED	GRS	27.06.08			
SCALE	1:10,000	A3	PROJECT No	077623082\F052	FIGURE No
					FIGURE 1

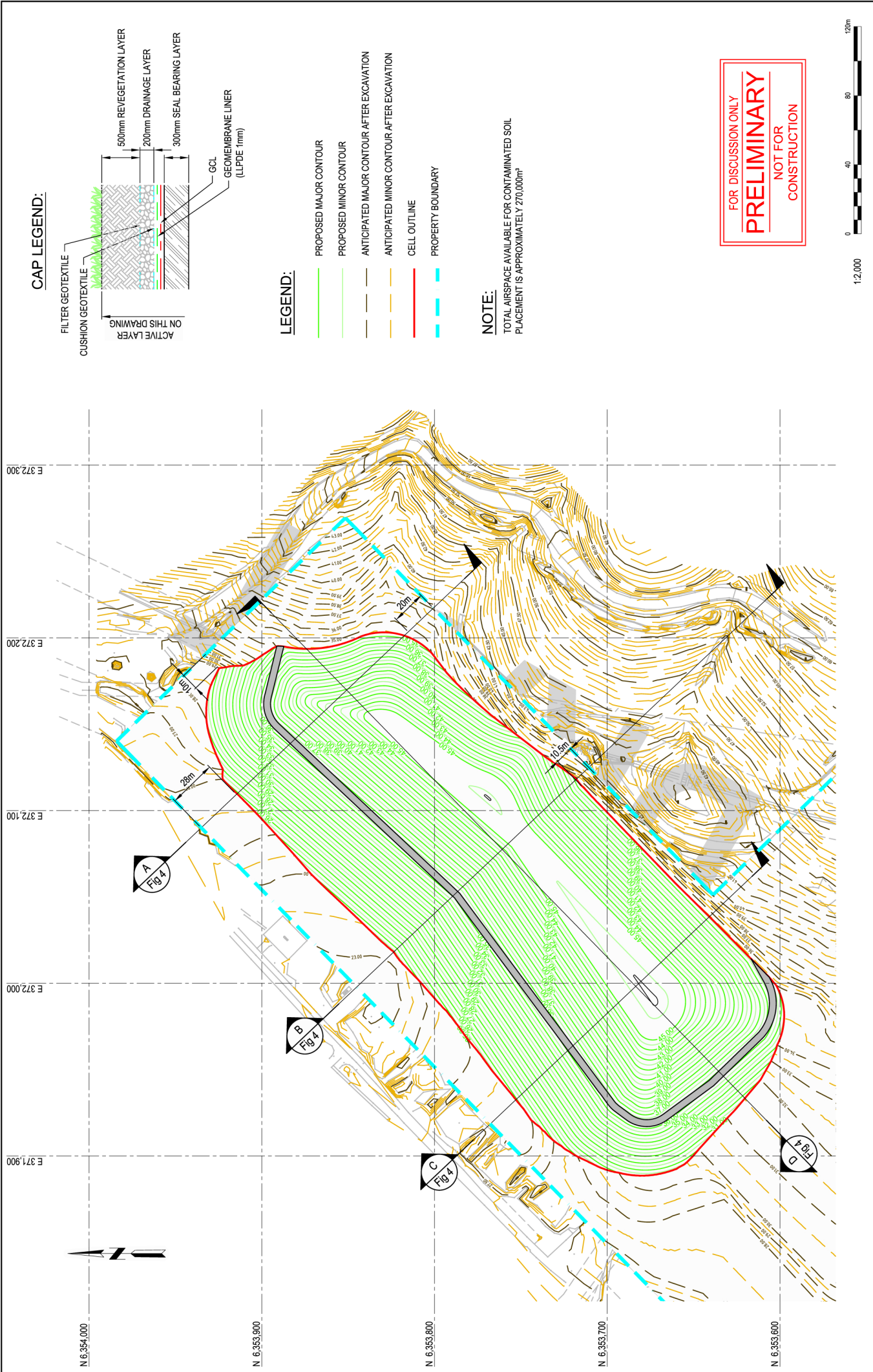




124 PACIFIC HIGHWAY
ST. LEONARDS, N.S.W. 2065
Telephone (02) 9478 3900
Facsimile (02) 9478 3901

CLIENT	INCITEC FERTILISER LTD.		PROJECT	INCITEC - COCKLE CREEK	
DRAWN	DAT	01.07.08	TITLE	BASE PLAN	
CHECKED	GRS	01.07.08			
SCALE	1:2,000		PROJECT No	077623082\F060	FIGURE No
					FIGURE 2

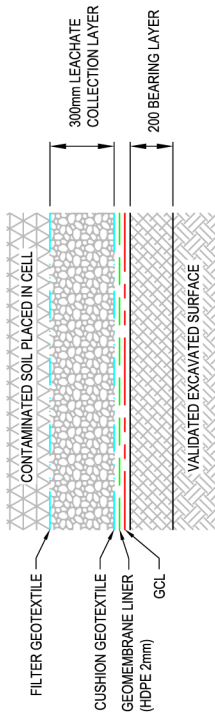
DRAWING TAKEN FROM MONTEATH & POWY'S DRG. NO. 07208C.DWG DATED 12 MARCH 2008



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CONSTRUCTION

				INCITEC FERTILISER LTD.		PROJECT		INCITEC - COCKLE CREEK					
DRAWN		DAT		27.06.08		TITLE				FINAL LANDFORM PLAN			
CHECKED		GRS		27.06.08									
SCALE		1:2,000		A3		PROJECT No		077623082\F054		FIGURE No		FIGURE 3	
124 PACIFIC HIGHWAY Telephone (02) 9478 3900 ST. LEONARDS, N.S.W. 2065 Facsimile (02) 9478 3901													

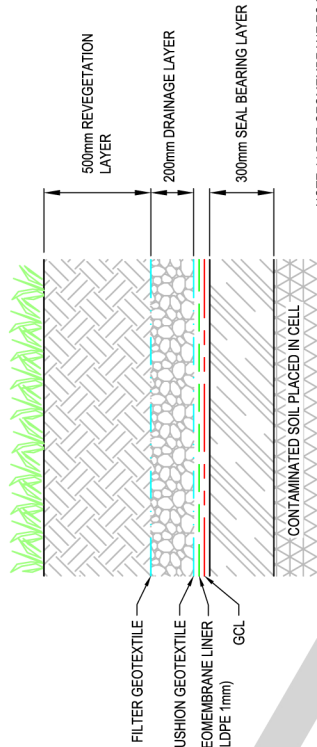




NOTE: GCL DENOTES
GEOSYNTHETIC CLAY LINER

TYPICAL BASE LINER DETAIL

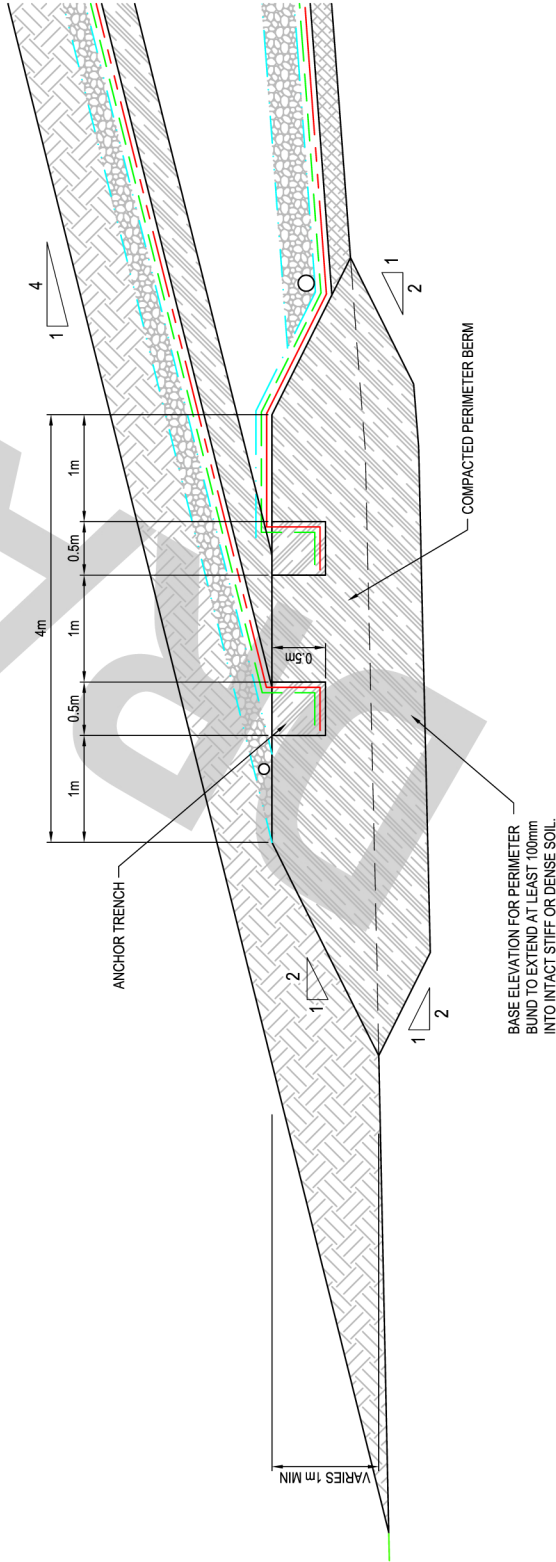
SCALE 1:25



NOTE: LLDPE GEOMEMBRANE TO BE
TEXTURED (BOTH SIDES) ON BATTERS

TYPICAL CAP DETAIL

SCALE 1:25

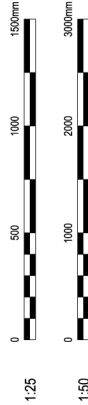


DETAIL 1 TYPICAL EDGE DETAIL

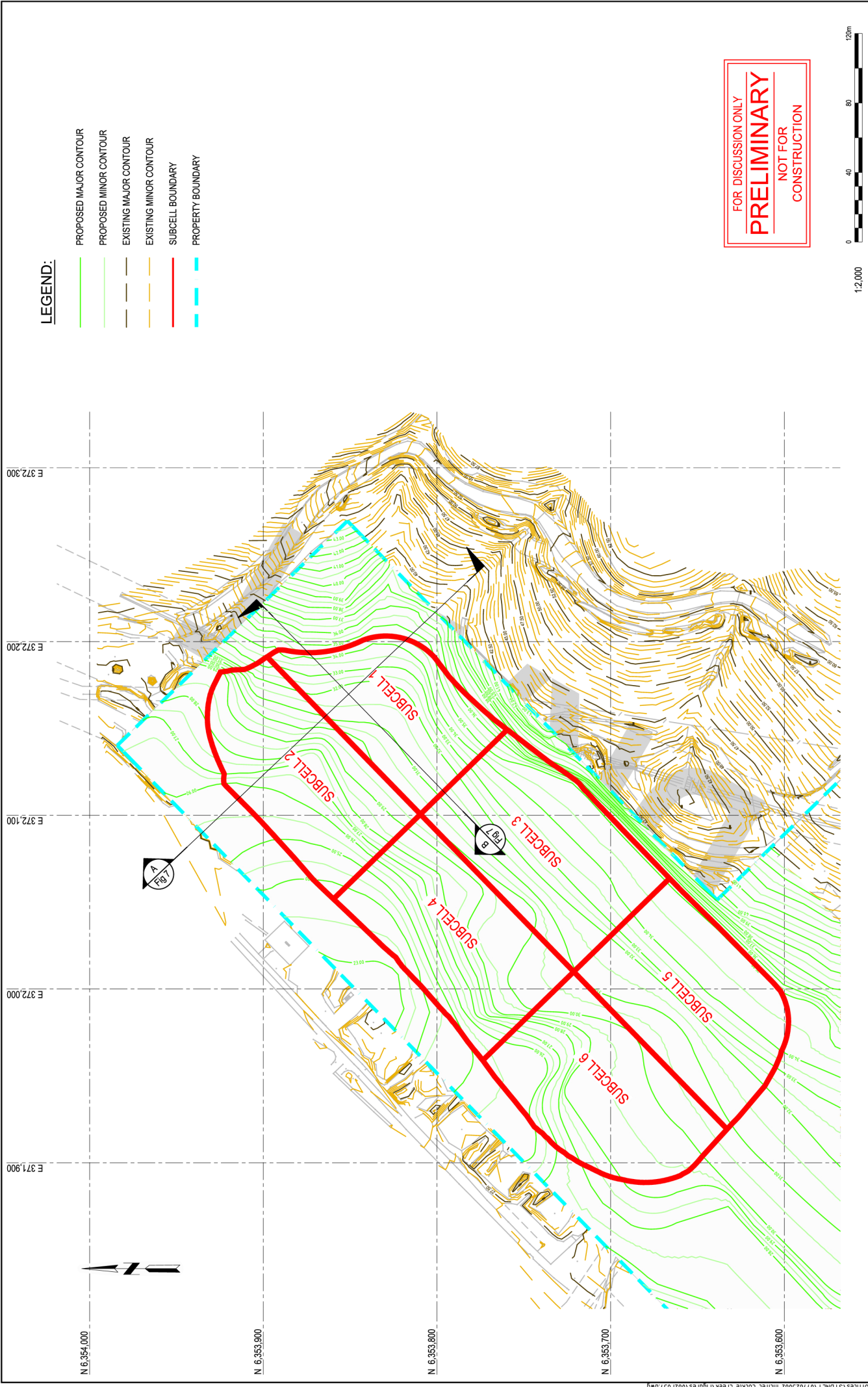
Fig 4

SCALE 1:50

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CLIENT		INCITEC - COCKLE CREEK	
DRAWN	DAT	TITLE	
CHECKED	GRS	TYPICAL DETAILS	
SCALE	AS NOTED	PROJECT No	FIGURE No
		077623082\F056	FIGURE 5



LEGEND:

- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- SUBCELL BOUNDARY
- PROPERTY BOUNDARY

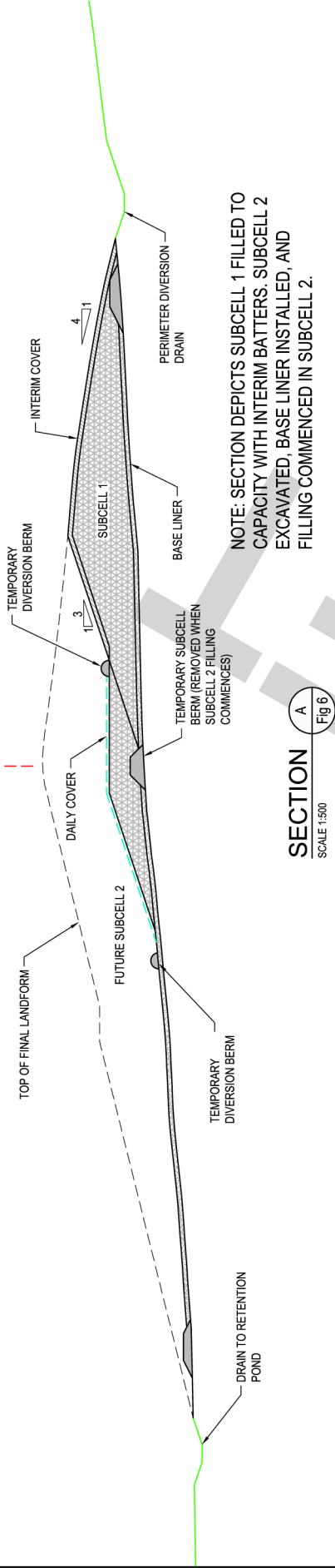
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				INCITEC FERTILISER LTD.		PROJECT		INCITEC - COCKLE CREEK					
				DRAWN	DAT	27.06.08	TITLE			CELL CONSTRUCTION STAGING PLAN			
				CHECKED	GRS	27.06.08							
				SCALE				1:2,000	A3	PROJECT No	077623082\F057		FIGURE No
124 PACIFIC HIGHWAY ST. LEONARDS, N.S.W. 2065				Telephone (02) 9478 3000 Facsimile (02) 9478 3001									



SUBCELL 2 SUBCELL 1

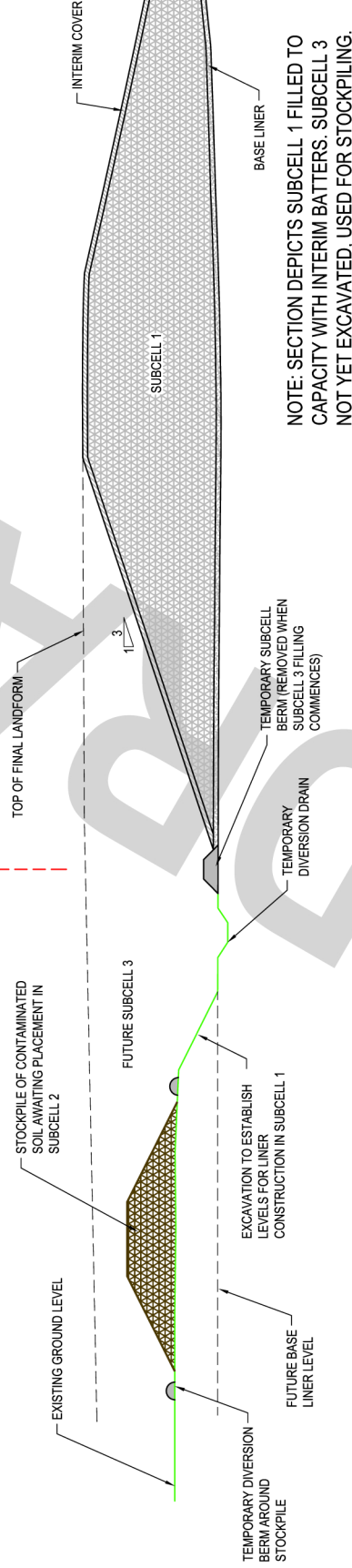


SECTION A

SCALE 1:500

Fig 6

SUBCELL 3 SUBCELL 1



SECTION B

SCALE 1:500

Fig 6

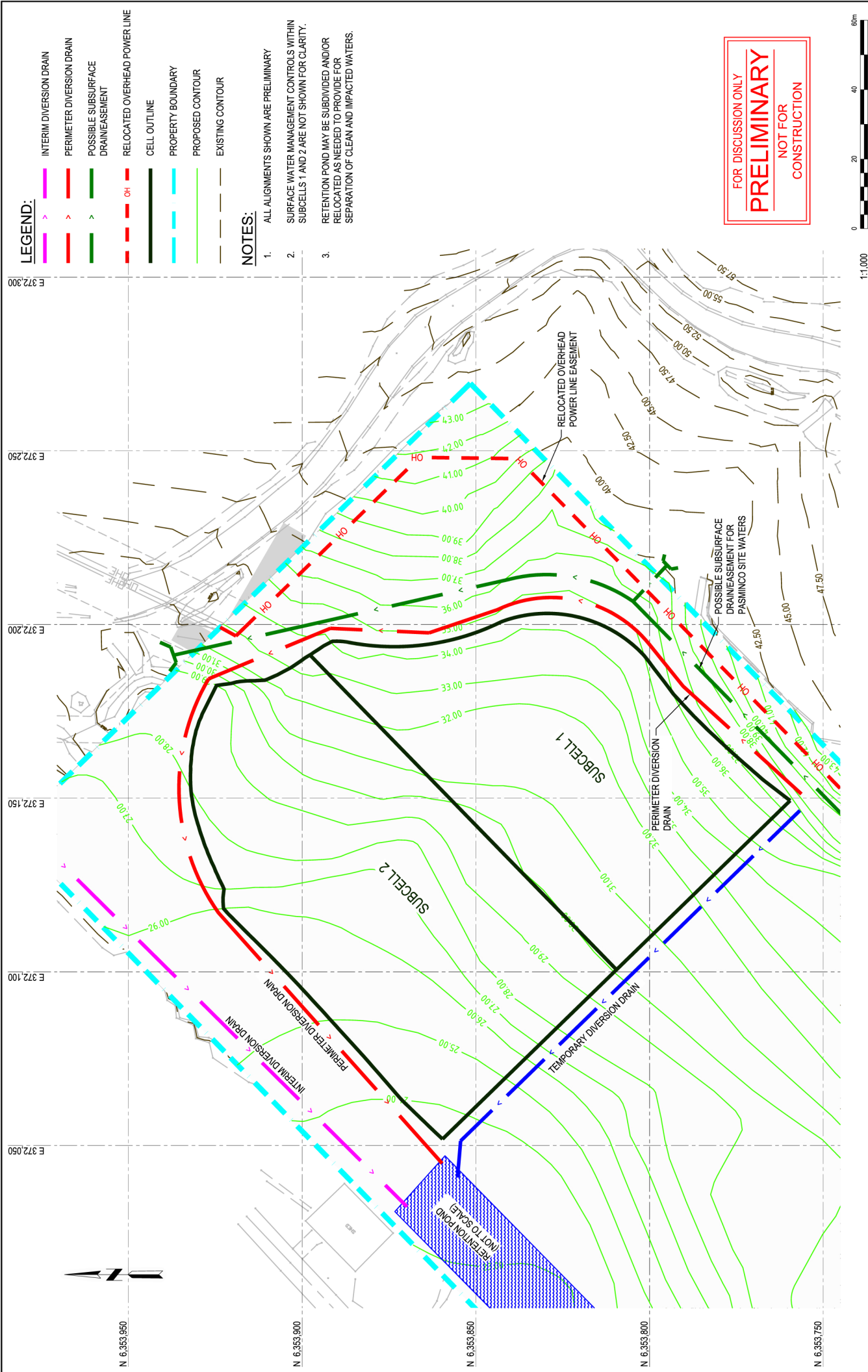
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CONSTRUCTION



 524 PACIFIC HIGHWAY ST. LEONARDS, N.S.W. 2085 Telephone (02) 8478 3000 Facsimile (02) 8478 3001				CLIENT		INCITEC FERTILISER LTD.		PROJECT		INCITEC - COCKLE CREEK		
		DRAWN	DAT	27.06.08			TITLE		SECTION THROUGH INTERIM LANDFORM			
		CHECKED	GRS	27.06.08					SUBCELL 2			
		SCALE	1:500	A3			PROJECT No		077623082\F058		FIGURE No	FIGURE 7



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ST LEONARDS, N.S.W. 2065
Telephone (02) 9478 3900
Facsimile (02) 9478 3901

CLIENT	INCITEC FERTILISER LTD.	PROJECT	INCITEC - COCKLE CREEK
DRAWN	DAT	TITLE	SURFACE WATER MANAGEMENT
CHECKED	GRS		SUBCELL 2
SCALE	1:1,000	PROJECT No	077623082\F059
		FIGURE No	FIGURE 8