

Borehole 2

Duration since purging/ mins									
Description of Sample									
Sediment									
Colour			clear	slight cloud	clear	clear	light brown	light brown	light brown
Odour			none	none	none	none	none	none	none
Temperature			10	10	10	9.5	10	10	10

Borehole 2

light											
light brown	clear		clear	clear	slight yellow	clear	clear	clear			
none	none		none	none	none	none	none	none			
10	10.5		10.5	11	12	10.5	11	10			

Parameter	Units	Frequency	Borehole 3 01/04/2005	Borehole 3 06/04/2005	Borehole 3 13/04/2005
			94057	94133	94258
E. Cond	us/cm	Weekly	1104	1174	1060
Ammonia (Trigger = 1.7mg/l)	mg/l	Weekly	0.72	0.81	1.12
Chloride (Trigger = 187mg/l)	mg/l	Weekly	83	82	83

WELL NUMBER

Measurement

Ground level/ (m)AOD
 Base level/(m) AOD
 Datum Point
 Pump Type
 Pump Size
 Rest water level
 Pump Intake Level/ mbd
 Dedicated/ Y/N

Date of Purging

Depth to Water/ m
 Depth to Base/ m
 Saturated Depth/ m
 Int. Diam.of Liner/ mm
 Calculated Well Volume/ Litres
 Time taken to Purge one Vol./ hrs mins
 Volume Purged/ Litres
 No. of Well Volumes
 Time Taken to recharge to original volume
 Water Level after Purging/m
 Pumped Dry/ Y/N

Date of Sampling

Water Level at Sampling/m
 Time of Sample/ hrs mins
 Duration since purging/ mins

Description of Sample

Sediment		cloudy	slight cloud
Colour	clear	grey	
Odour	none	none	slight sulphur
Temperature	10	10	10

Borehole 3 15/04/2005	Borehole 3 18/04/2005	Borehole 3 21/04/2005	Borehole 3 25/04/2005	Borehole 3 27/04/2005	Borehole 3 06/05/2005	Borehole 3 11/05/2005	Borehole 3 13/05/2005
94311	94331	94404	94461	94503	94653	94713	94825
1128	1115	1098	1101	1108	1156	1087	1065
0.29	0.56	0.88	0.45	0.62	0.9	0.92	0.72
73	83	81	84	82	86	83	87

clear	clear	very heavy	slight cloud			
none	none	grey	none	clear	clear	slight cloud
10	10	none	11	none	none	none
		10		10	11	11

Borehole 3 18/05/2005	Borehole 3 20/05/2005	Borehole 3 23/05/2005	Borehole 3 27/05/2005	Borehole 3 03/06/2005	Borehole 3 06/06/2005	Borehole 3 09/06/2005	Borehole 3 13/06/2005
94896	94966	95001	95098	95200	95257	95316	95352
1063	984	1088	1110	1006	1164	1094	1205
0.81	<0.1	0.45	0.8	0.42	0.62	0.6	0.43
85	68	78	85	81	75	77	75

eavy sedime slight cloud slight cloud

none	none	none
10.5	10.5	10.5

Borehole 3	Borehole 3
16/06/2005	20/06/2005
95421	95447
1093	1020
0.4	0.37
73	81

Parameter	Units	Frequency	Borehole 4 01/04/2005	Borehole 4 06/04/2005	Borehole 4 13/04/2005
			94058	94134	94259
E. Cond	us/cm	Weekly	770	817	784
Ammonia	mg/l	Weekly	0.12	<0.1	<0.1
Chloride	mg/l	Weekly	60	60	61

WELL NUMBER

Measurement

Ground level/ (m)AOD
 Base level/(m) AOD
 Datum Point
 Pump Type
 Pump Size
 Rest water level
 Pump Intake Level/ mbd
 Dedicated/ Y/N

Date of Purging

Depth to Water/ m
 Depth to Base/ m
 Saturated Depth/ m
 Int. Diam.of Liner/ mm
 Calculated Well Volume/ Litres
 Time taken to Purge one Vol./ hrs mins
 Volume Purged/ Litres
 No. of Well Volumes
 Time Taken to recharge to original volume
 Water Level after Purging/m
 Pumped Dry/ Y/N

Date of Sampling

Water Level at Sampling/m
 Time of Sample/ hrs mins
 Duration since purging/ mins

Description of Sample

Sediment			
Colour	clear	clear	clear
Odour	none	none	none
Temperature	10	10	10

Borehole 4 15/04/2005	Borehole 4 18/04/2005	Borehole 4 21/04/2005	Borehole 4 25/04/2005	Borehole 4 27/04/2005	Borehole 4 06/05/2005	Borehole 4 11/05/2005	Borehole 4 13/05/2005
94312	94332	94405	94462	94504	94654	94714	94826
844	798	740	782	764	817	747	800
<0.1	<0.1	<0.1	<0.1	<0.1	0.2	0.16	<0.1
59	58	58	60	59	60	59	60

clear
none
10

clear
beef
10

clear
none
10

clear
none
10.5

slight cloud

none
10

clear
none
10.5

clear
none
10.5

Borehole 4 18/05/2005	Borehole 4 20/05/2005	Borehole 4 23/05/2005	Borehole 4 27/05/2005	Borehole 4 03/06/2005	Borehole 4 06/06/2005	Borehole 4 09/06/2005	Borehole 4 13/06/2005
94897	94967	95002	95099	95201	95258	95317	95353
689	747	770	785	756	839	745	868
<0.1	<0.1	<0.1	0.18	<0.1	0.16	<0.1	<0.1
60	63	61	61	60	63	63	60

clear	clear	clear
none	none	none
10.5	10	10.5

Borehole 4	Borehole 4
16/06/2005	20/06/2005
95422	95448
793	691
<0.1	<0.1
61	58

Parameter	Units	Frequency	Borehole 5 01/04/2005	Borehole 5 06/04/2005	Borehole 5 13/04/2005
			94059	94135	94260
E. Cond	us/cm	Weekly	442	429	408
Ammonia	mg/l	Weekly	<0.1	<0.1	<0.1
Chloride	mg/l	Weekly	21	19	16

WELL NUMBER

Measurement

Ground level/ (m)AOD

Base level/(m) AOD

Datum Point

Pump Type

Pump Size

Rest water level

Pump Intake Level/ mbd

Dedicated/ Y/N

Date of Purging

Depth to Water/ m

Depth to Base/ m

Saturated Depth/ m

Int. Diam.of Liner/ mm

Calculated Well Volume/ Litres

Time taken to Purge one Vol./ hrs mins

Volume Purged/ Litres

No. of Well Volumes

Time Taken to recharge to original volume

Water Level after Purging/m

Pumped Dry/ Y/N

Date of Sampling

Water Level at Sampling/m

Time of Sample/ hrs mins

Duration since purging/ mins

Description of Sample

Sediment

slight

slight

slight

Colour

Odour

none

none

slight sulphur

Temperature

10

10

10

Borehole 5 15/04/2005	Borehole 5 18/04/2005	Borehole 5 21/04/2005	Borehole 5 25/04/2005	Borehole 5 27/04/2005	Borehole 5 06/05/2005	Borehole 5 11/05/2005	Borehole 5 13/05/2005
94314	94333	94406	94463	94505	94655	94715	94827
449	419	375	384	411	443	421	411
<0.1	<0.1	0.2	<0.1	<0.1	<0.1	0.25	<0.1
17	18	17	19	20	19	18	15

cloudy	cloudy	cloudy	cloudy	heavy sedime	cloudy	cloudy
none	none	none	none	none	none	none
10	10	10	10.5	10	10.5	10.5

Borehole 5 18/05/2005	Borehole 5 20/05/2005	Borehole 5 23/05/2005	Borehole 5 27/05/2005	Borehole 5 03/06/2005	Borehole 5 06/06/2005	Borehole 5 09/06/2005	Borehole 5 13/06/2005
94898	94968	95003	95100	95202	95259	95318	95354
407	407	423	415	424	422	439	499
<0.1	<0.1	<0.1	<0.1	<0.1	0.11	<0.1	<0.1
17	19	18	18	17	20	22	17

cloudy		heavy sediment
none	clear	none
10	10.5	10.5

Borehole 5	Borehole 5
16/06/2005	20/06/2005
95423	95449
430	334
<0.1	<0.1
19	18

Parameter	Units	Frequency	Borehole 11 16/03/2005	Borehole 11 23/03/2005	Borehole 11 01/04/2005
			93811	93926	94065
E. Cond	us/cm	Weekly	N/R	N/R	578
Ammonia (Trigger = 0.3mg/l)	mg/l	Weekly	0.12	0.12	0.16
Chloride (Trigger = 20.3mg/l)	mg/l	Weekly	16	15	16

WELL NUMBER

Measurement

Ground level/ (m)AOD
 Base level/(m) AOD
 Datum Point
 Pump Type
 Pump Size
 Rest water level
 Pump Intake Level/ mbd
 Dedicated/ Y/N

Date of Purging

Depth to Water/ m
 Depth to Base/ m
 Saturated Depth/ m
 Int. Diam.of Liner/ mm
 Calculated Well Volume/ Litres
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 No. of Well Volumes
 Time Taken to recharge to original volume
 Water Level after Purging/m
 Pumped Dry/ Y/N

Date of Sampling

Water Level at Sampling/m
 Time of Sample/ hrs mins
 Duration since purging/ mins

Description of Sample

Sediment			
Colour	clear	clear	clear
Odour	slight sulphur	none	none
Temperature	9.5	10	10

Borehole 11 06/04/2005	Borehole 11 13/04/2005	Borehole 11 15/04/2005	Borehole 11 18/04/2005	Borehole 11 21/04/2005	Borehole 11 25/04/2005	Borehole 11 27/04/2005	Borehole 11 06/05/2005
94136	94261	94315	94334	94407	94464	94511	94656
589	509	584	568	554	557	545	566
<0.1	<0.1	0.12	<0.1	<0.1	<0.1	0.12	0.2
17	14	13	12	12	13	14	16

clear	clear	clear	clear	clear	clear		clear
none	none	none	none	none	none		none
10	10.5	10	10.5	10.5	10.5		11

Borehole 11 11/05/2005	Borehole 11 13/05/2005	Borehole 11 18/05/2005	Borehole 11 20/05/2005	Borehole 11 23/05/2005	Borehole 11 27/05/2005	Borehole 11 03/06/2005	Borehole 11 06/06/2005
94716	94828	94899	94969	95004	95101	95208	95260
550	540	512	512	549	534	542	571
<0.1	<0.1	<0.1	<0.1	<0.1	0.11	<0.1	0.2
14	15	14	14	13	14	15	14

clear	clear	clear	clear	clear
none	none	none	none	none
11	11.5	10.5	11	11

Borehole 11	Borehole 11	Borehole 11	Borehole 11
09/06/2005	13/06/2005	17/06/2005	20/06/2005
95319	95355	95424	95550
550	600	548	505
0.16	<0.1	<0.1	<0.1
15	12	14	15

Paramater	Units	Frequency	D Point	D Point	D Point
			13/04/2005	15/04/2005	18/04/2005
			94254	94296	94325
E. Cond	us/cm	Weekly	322	350	345
Ammonia	mg/l	Weekly	<0.1	<0.1	<0.1
Chloride	mg/l	Weekly	35	33	34

D Point	D Point	D Point	D Point	D Point	D Point	D Point	D Point
21/04/2005	25/04/2005	27/04/2005	06/05/2005	11/05/2005	13/05/2005	18/05/2005	20/05/2005
94396	94436	94495	94666	94705	94745	94889	94935
311	315	312	368	341	351	365	359
<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
34	33	35	34	37	37	37	42

D Point 23/05/2005	D Point 27/05/2005	D Point 03/06/2005	D Point 06/06/2007	D Point 09/06/2005	D Point 13/06/2005	D Point 16/06/2005	D Point 20/06/2005
94994	95091	95191	95248	95308	95346	95397	95436
394	388	271	300	304	303	323	311
<0.1	0.16	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
38	26	26	27	29	27	30	29