

APPENDIX I: BORE CONSTRUCTION SUMMARY

Bore ID - Site	MB1	MB2	MB3	MB4	MB5	MB5A
Easting	347914.6	347933.1	347969.2	348007.5	347753.4	347753.2
Northing	5779109.3	5779257.6	5779414.4	5779555.9	5779125.0	5779117.6
AMG Zone	55	55	55	55	55	55
RL GL (m AHD)	72.62	70.77	70.01	67.49	67.84	67.73
Survey Date	20-Jun-03	21-Jun-03	22-Jun-03	23-Jun-03	24-Jun-03	17-May-05
Survey by	Max Braid Surveyors	Max Braid Surveyors	Max Braid Surveyors	Max Braid Surveyors	Max Braid Surveyors	Landair Surveys
Registered Bore No. - GDB/GMS	129591	129592	129593	129594	129595	S9022415/2
Date Drilled	11-Dec-1996	11-Dec-1996	10-Dec-1996	9-Dec-1996	12-Dec-1996	18-Mar-2005
Designed/supervised by - Company						HLA
Drilling Company	Geotechnical Engineering	Geotechnical Engineering	Geotechnical Engineering	Geotechnical Engineering	Geotechnical Engineering	KH Adams & Sons
Driller name	G. Watson	G. Watson	G. Watson	G. Watson	G. Watson	L.Adams
Method	Hollow stem auger	Hollow stem auger	Hollow stem auger	Hollow stem auger	Hollow stem auger	Hollow stem auger
Aquifer Unit	Siltstone	Siltstone	Siltstone	Siltstone	Siltstone	Clayey Sand
Drilled Depth (m)	24	24	24	24	24	6
Screen Top (m bgl)	18	18	18	18	18	1.5
Screen Bottom (m bgl)	24	24	24	24	24	6
Screen type	50mm PVC	50mm PVC	50mm PVC	50mm PVC	50mm PVC	factory slotted uPVC
Collar Cement grout (to m bgl)	9.5	13	14.0	14	14	-
Bentonite seal - top (m bgl)	9.5	13	14.0	14	14	0
Bentonite seal-bottom (m bgl)	11.5	16	16	16.0	16.0	1
Filter Pack -top (m bgl)	11.5	16	16	16.0	16.0	1
Filter Pack - Bottom (m bgl)	24	24	24	24.0	24.0	6
Filter pack material						
Filter Sock						
PVC Casing & Screen Spec						
Protective Cap Type						
SWL Initial						
SWL Date						
RL ToC (mAHD)						

APPENDIX I: BORE CONSTRUCTION SUMMARY

Bore ID - Site	MB6	MB6A	MB7	MB7A	MB8	MB08
Easting	34777.8	347770	347800.2	347799.3	347944	348006
Northing	5779246.8	5779249	5779448.6	5779451.1	5779623	5779618.9
AMG Zone	55	55	55	55	55	55
RL GL (m AHD)	67.59	66.90	67.32	67.29		66.23
Survey Date	25-Jun-03	26-Aug-04	27-Jun-03	28-Jun-03		29-Jun-2003
Survey by	Max Braid Surveyors	Alexander Symonds P/L	Max Braid Surveyors	Max Braid Surveyors		Max Braid Surveyors
Registered Bore No. - GDB/GMS	129596	62059/1	129597	62059/2	BCL46727	129598
Date Drilled	13-Dec-1996	12-May-2004	12-Dec-1996	12-Jun-2003	10-Dec-1996	6-Sep-2002
Designed/supervised by - Company		HLA		HLA	G Watson	HLA
Drilling Company	Geotechnical Engineering	Numac	Geotechnical Engineering	Numac	Geotechnical Engineering	Numac
Driller name	G. Watson	-	G. Watson	Hollow stem auger	Hollow stem auger	Hollow stem auger
Method	Hollow stem auger	Hollow stem auger	Hollow stem auger	Clayey Sand	Sand and siltstone	Siltstone
Aquifer Unit	Siltstone	Clayey Sand	Siltstone	8.5	24	23.5
Drilled Depth (m)	24	4.5	24	2	18	17.5
Screen Top (m bgl)	18	1.5	18	8	24	23.5
Screen Bottom (m bgl)	24	4.5	24	factory slotted uPVC	50 mm slotted PVC screen	factory slotted uPVC
Screen type	50mm PVC	factory slotted uPVC	50mm PVC	3.5		16.4
Collar Cement grout (to m bgl)	14	0.1	14	3.5	11	16.4
Bentonite seal - top (m bgl)	14	0.1	14	4.5	13	17
Bentonite seal-bottom (m bgl)	16.0	0.5	17.0	4.5		17
Filter Pack -top (m bgl)	16.0	0.5	17.0	8		23.5
Filter Pack - Bottom (m bgl)	24.0	4.5	24.0			
Filter pack material						
Filter Sock						
PVC Casing & Screen Spec						
Protective Cap Type						
SWL Initial						
SWL Date						
RL ToC (mAHD)						

APPENDIX I: BORE CONSTRUCTION SUMMARY

Bore ID - Site	MB8A	MB9	MB10	MB11	MB12	MB13
Easting	348005	347962.8	347942	347921.8	348226.7	348252
Northing	5779619.2	5779310.7	5779162.2	5779017	5779411.1	5779574
AMG Zone	55	55	55	55	55	55
RL GL (m AHD)	66.18	71.4	73.23	70.55	73.27	69.7
Survey Date	30-Jun-2003	1-Jul-2003	2-Jul-2003	3-Jul-2003	5-May-2003	26-Aug-2004
Survey by	Max Braid Surveyors	Max Braid Surveyors	Max Braid Surveyors	Max Braid Surveyors	Landair Surveys	Alexander Symonds P/L
Registered Bore No. - GDB/GMS	62059/3	62059/4	62059/5	62059/6	62059/7	S9019752/1
Date Drilled	12-Jun-2003	13-Jun-2003	13-Jun-2003	13-Jun-2003	13-Jun-2003	7-Jun-2004
Designed/supervised by - Company	HLA	HLA	HLA	HLA	HLA	HLA
Drilling Company	Numac	Numac	Numac	Numac	Numac	Numac
Driller name	Hollow stem auger	Hollow stem auger	Hollow stem auger	Hollow stem auger	Hollow stem auger	Hollow Stem Auger and Wash Boring
Method	Sand	Clayey sand	Sandy clay	Sandy silt	Clayey sand	Siltstone
Aquifer Unit	5	7.4	9	4.5	6.5	25
Drilled Depth (m)	3	4.4	6	1	3.5	22
Screen Top (m bgl)	5	7.4	9	3	6.5	25
Screen Bottom (m bgl)	factory slotted uPVC	factory slotted uPVC	factory slotted uPVC	factory slotted uPVC	factory slotted uPVC	factory slotted uPVC
Screen type	1	3	4	0.5	1.5	19
Collar Cement grout (to m bgl)	1	3	4	0.5	1.5	19
Bentonite seal - top (m bgl)	2	4	5	1	2.5	20.5
Bentonite seal-bottom (m bgl)	2	4	5	1	2.5	20.5
Filter Pack -top (m bgl)	5	7.4	9	3	6.5	25
Filter Pack - Bottom (m bgl)						
Filter pack material						
Filter Sock						
PVC Casing & Screen Spec						
Protective Cap Type						
SWL Initial						
SWL Date						
RL ToC (mAHD)						

APPENDIX I: BORE CONSTRUCTION SUMMARY

Bore ID - Site	MB13A	MB15	MB15A	MB16	MB16A	MB17
Easting	348254	348192	348192	348138	348140	347940
Northing	5779576	5779255	5779252	578020	578020	5778928
AMG Zone	55	55	55	55	55	55
RL GL (m AHD)	69.9	73.3	73.1	74.2	74.2	70.05
Survey Date	26-Aug-2004	26-Aug-2004	26-Aug-2004	26-Aug-2004	26-Aug-2004	26-Aug-2004
Survey by	Alexander Symonds P/L	Alexander Symonds P/L	Alexander Symonds P/L	Alexander Symonds P/L	Alexander Symonds P/L	Alexander Symonds P/L
Registered Bore No. - GDB/GMS	S9019752/2	S9019752/4	S9019752/5	S9019752/6	S9019752/7	S9019752/8
Date Drilled	10-May-2004	19-Jun-2004	14-May-2004	9-Jun-2004	10-May-2004	10-Jun-2004
Designed/supervised by - Company	HLA	HLA	HLA	HLA	HLA	HLA
Drilling Company	Numac	Numac	Numac	Numac	Numac	Numac
Driller name	Hollow Stem Auger	Hollow Stem Auger and Wash Boring	Hollow Stem Auger	Hollow Stem Auger and Wash Boring	Solid Stem Auger	Hollow Stem Auger and Wash Boring
Method	Sand	Siltstone	Clayey Sand	Siltstone	Sand	Siltstone
Aquifer Unit	8	19	10	23	6.5	16.5
Drilled Depth (m)	1.5	16	4	20.5	3.5	13.5
Screen Top (m bgl)	4.5	19	10	23.5	6.5	16.5
Screen Bottom (m bgl)	factory slotted uPVC	factory slotted uPVC	factory slotted uPVC	factory slotted uPVC	factory slotted uPVC	factory slotted uPVC
Screen type	0.1	11	2	15	1.5	12
Collar Cement grout (to m bgl)	0.1	11	2	15	1.5	12
Bentonite seal - top (m bgl)	0.5	14	3	19	2.5	13
Bentonite seal-bottom (m bgl)	0.5	14	3	19	2.5	13
Filter Pack -top (m bgl)	4.5	19	10	23.5	6.5	16.5
Filter Pack - Bottom (m bgl)						
Filter pack material						
Filter Sock						
PVC Casing & Screen Spec						
Protective Cap Type						
SWL Initial						
SWL Date						
RL ToC (mAHD)						

APPENDIX I: BORE CONSTRUCTION SUMMARY

Bore ID - Site	MB17A	MB18	MB18A
Easting	347944	347825.3	347825.4
Northing	5778927	5779644.0	5779640.8
AMG Zone	55	55	55
RL GL (m AHD)	70.3	66.5	66.47
Survey Date	26-Aug-2004	17-May-05	17-May-05
Survey by	Alexander Symonds P/L	Landair Surveys	Landair Surveys
Registered Bore No. - GDB/GMS	S9019752/9	S9022415/1	S9022415/2
Date Drilled	10-May-2004	18-Mar-2005	18-Mar-2005
Designed/supervised by - Company	HLA	HLA	HLA
Drilling Company	Numac	KH Adams & Sons	KH Adams & Sons
Driller name	Hollow Stem Auger	Mud Rotary Drilling	Hollow Stem Auger
Method	Sand	Siltstone	Sand; Clayey Sand
Aquifer Unit	4	32.5	8
Drilled Depth (m)	1	29.5	2
Screen Top (m bgl)	4	32.5	8
Screen Bottom (m bgl)	factory slotted uPVC	factory slotted uPVC	factory slotted uPVC
Screen type	0.1	27.5	0.5
Collar Cement grout (to m bgl)	0.1	27.5	0.5
Bentonite seal - top (m bgl)	0.5	28.5	1.5
Bentonite seal-bottom (m bgl)	0.5	28.5	1.5
Filter Pack -top (m bgl)	4	32.5	8
Filter Pack - Bottom (m bgl)			
Filter pack material			
Filter Sock			
PVC Casing & Screen Spec			
Protective Cap Type			
SWL Initial			
SWL Date			
RL ToC (mAHD)			