

APPENDIX B

Groundwater Data

Figure B-1 Groundwater Hydrograph

MW6

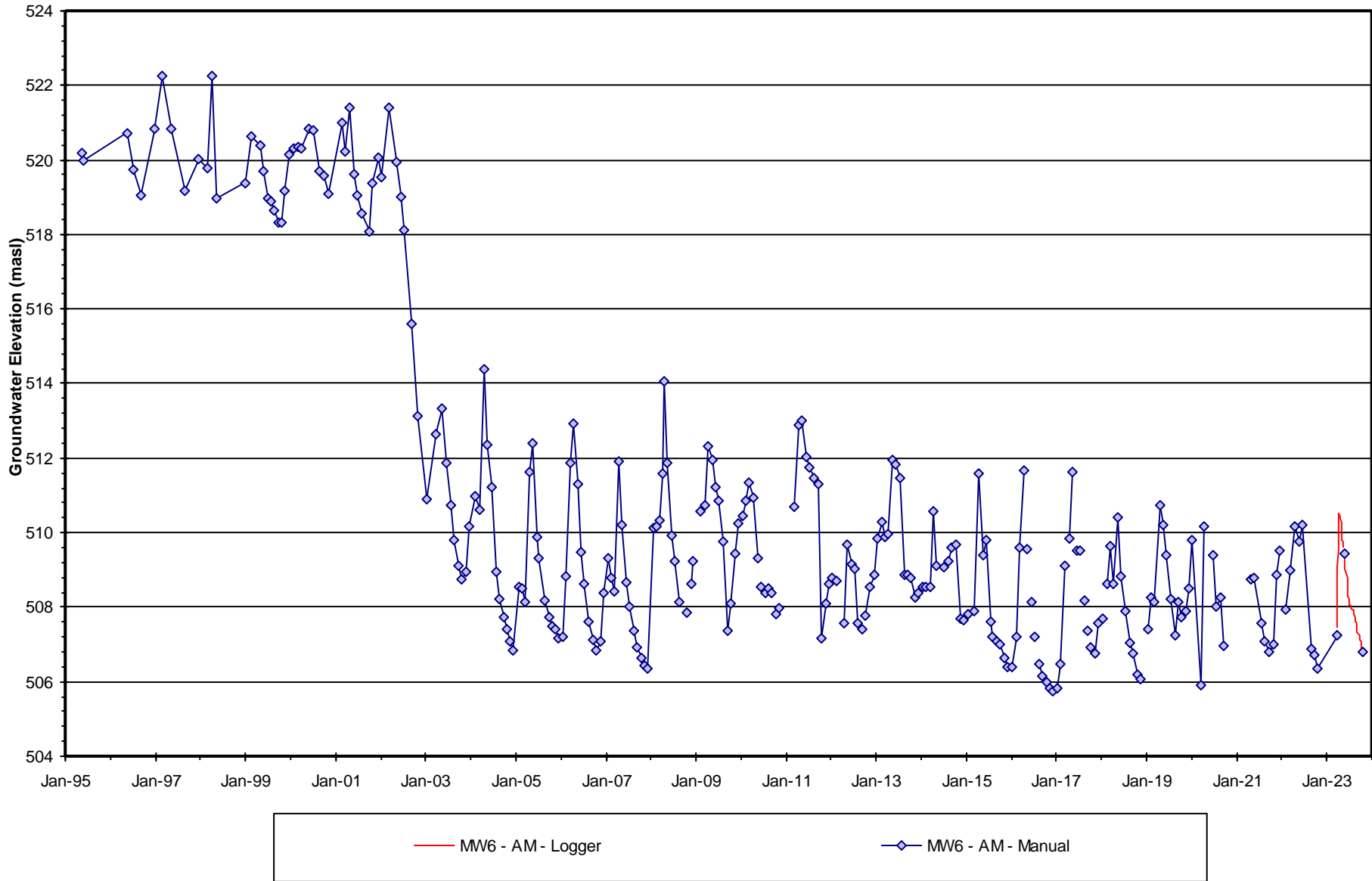


Figure B-2 Groundwater Hydrograph

BH98-8

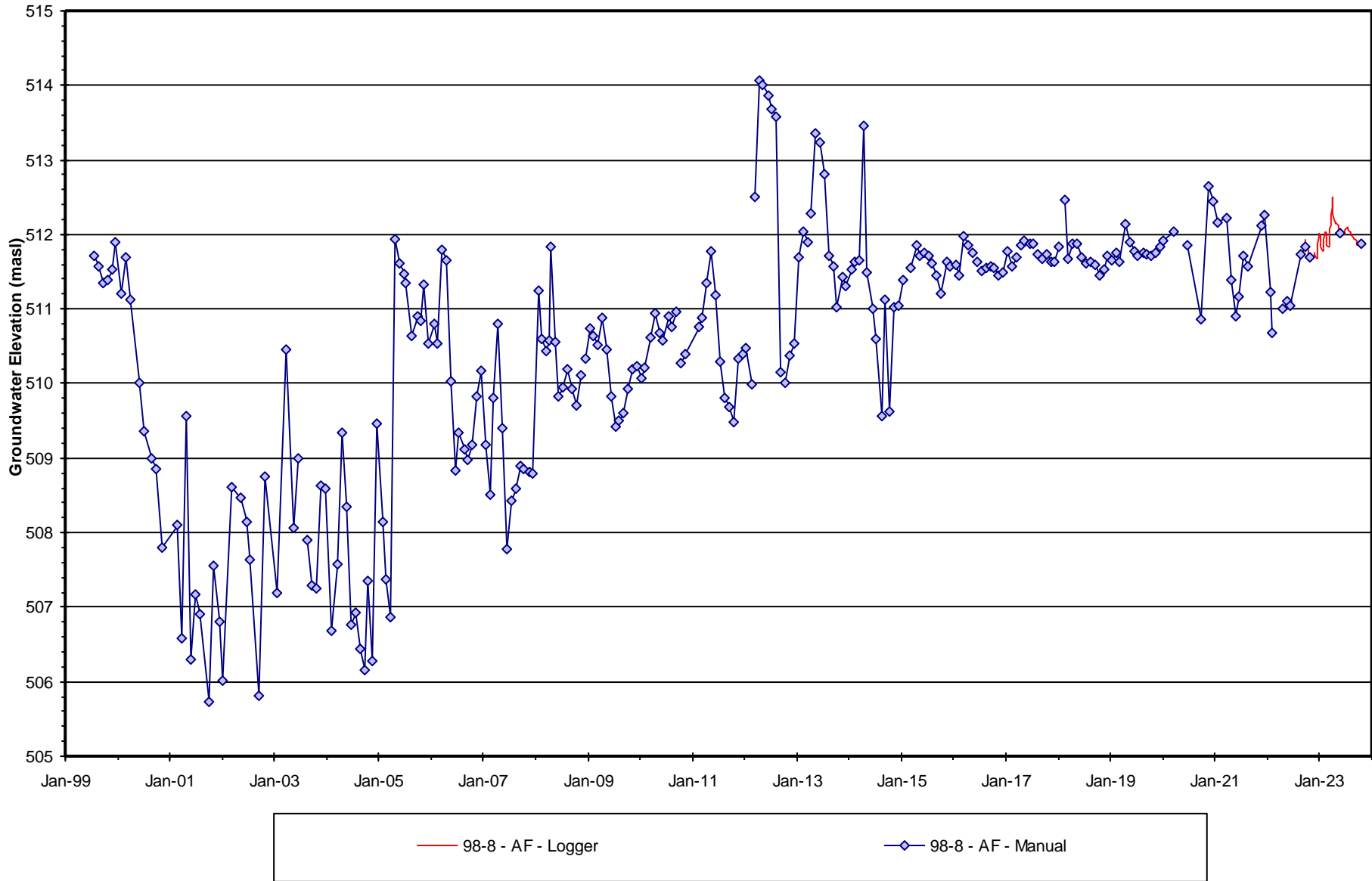


Figure B-3 Groundwater Hydrograph

BH98-9

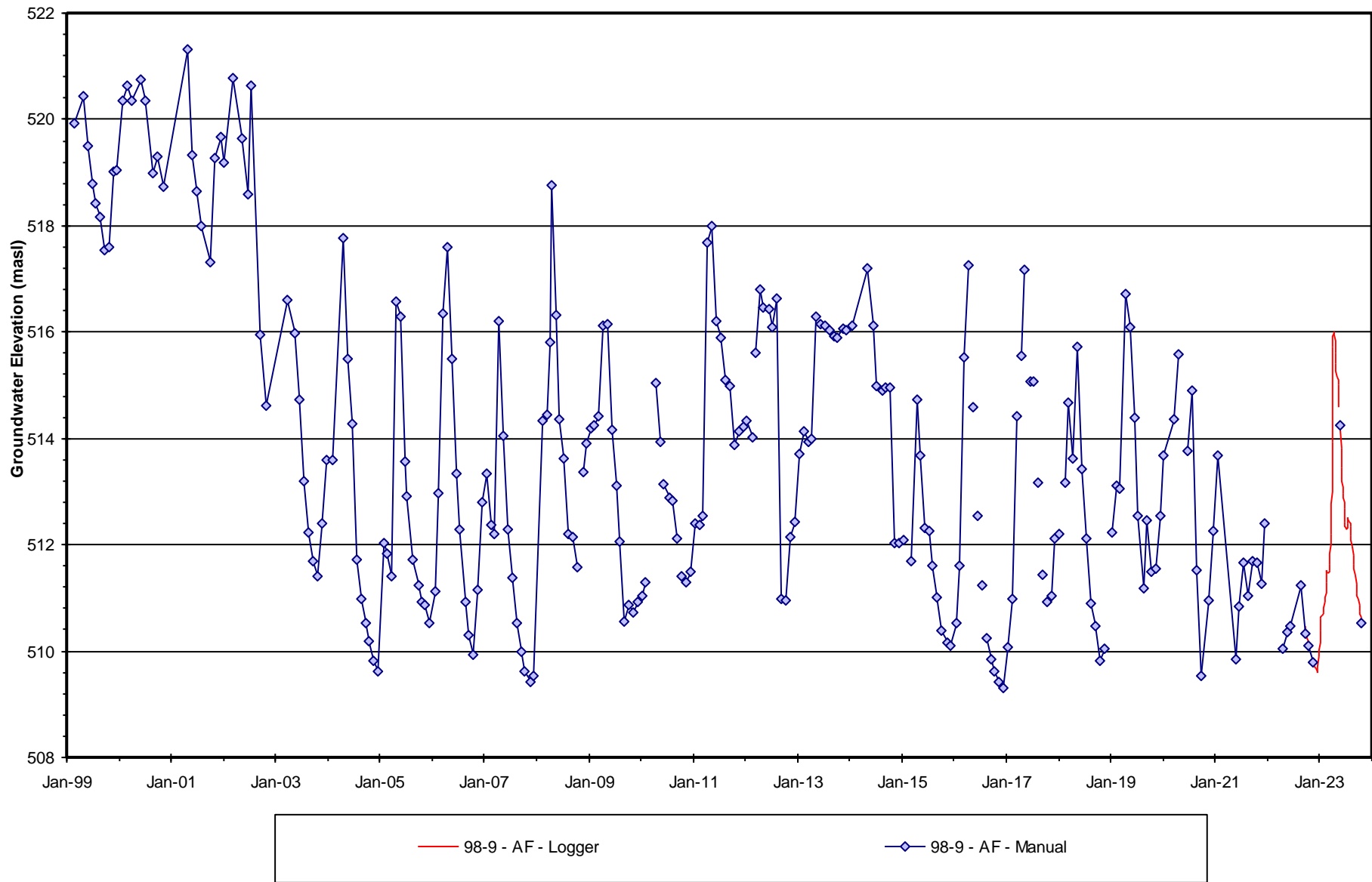


Figure B-4 Groundwater Hydrograph

BH98-12

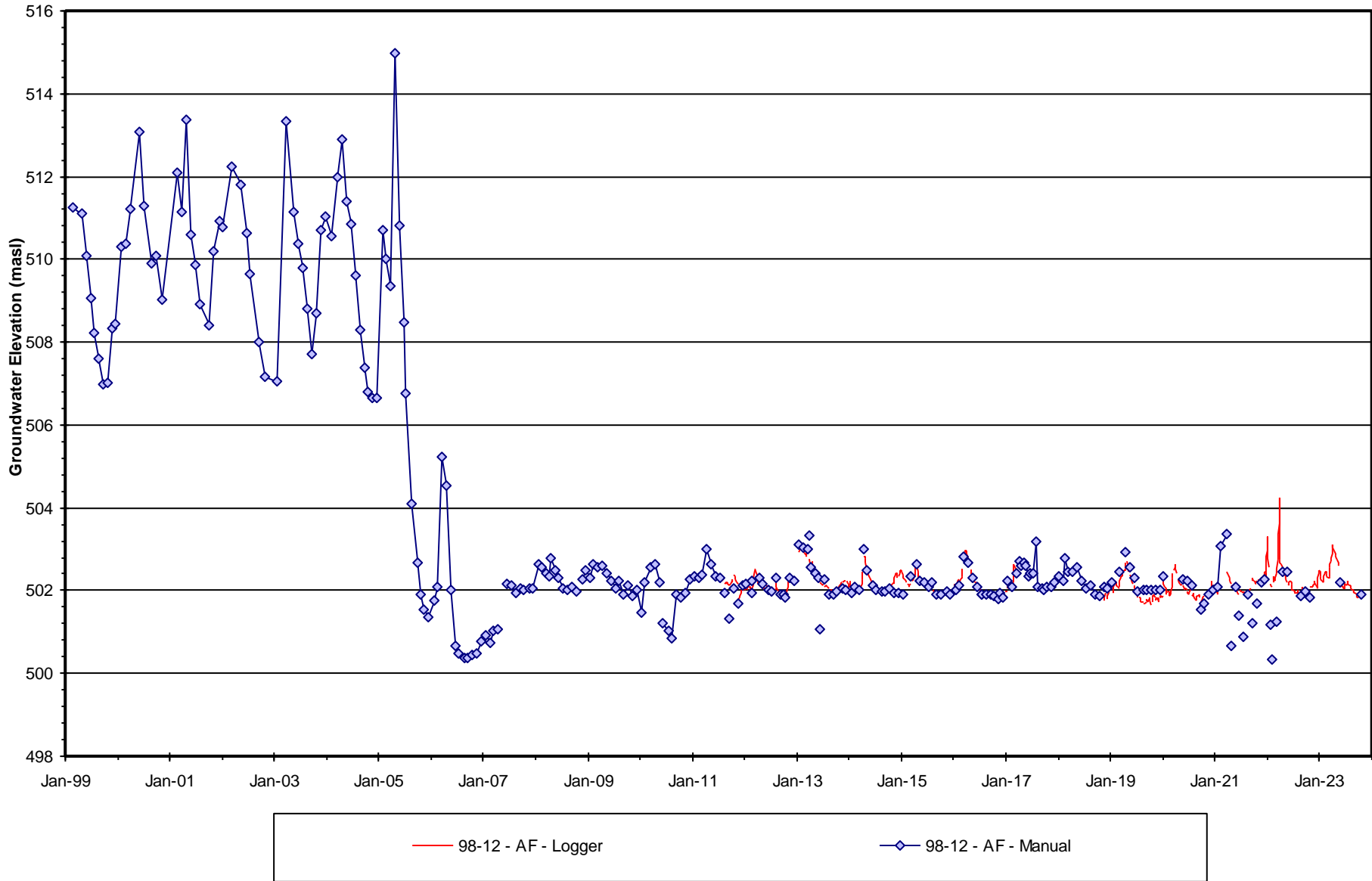


Figure B-5 Groundwater Hydrograph

PW99-1

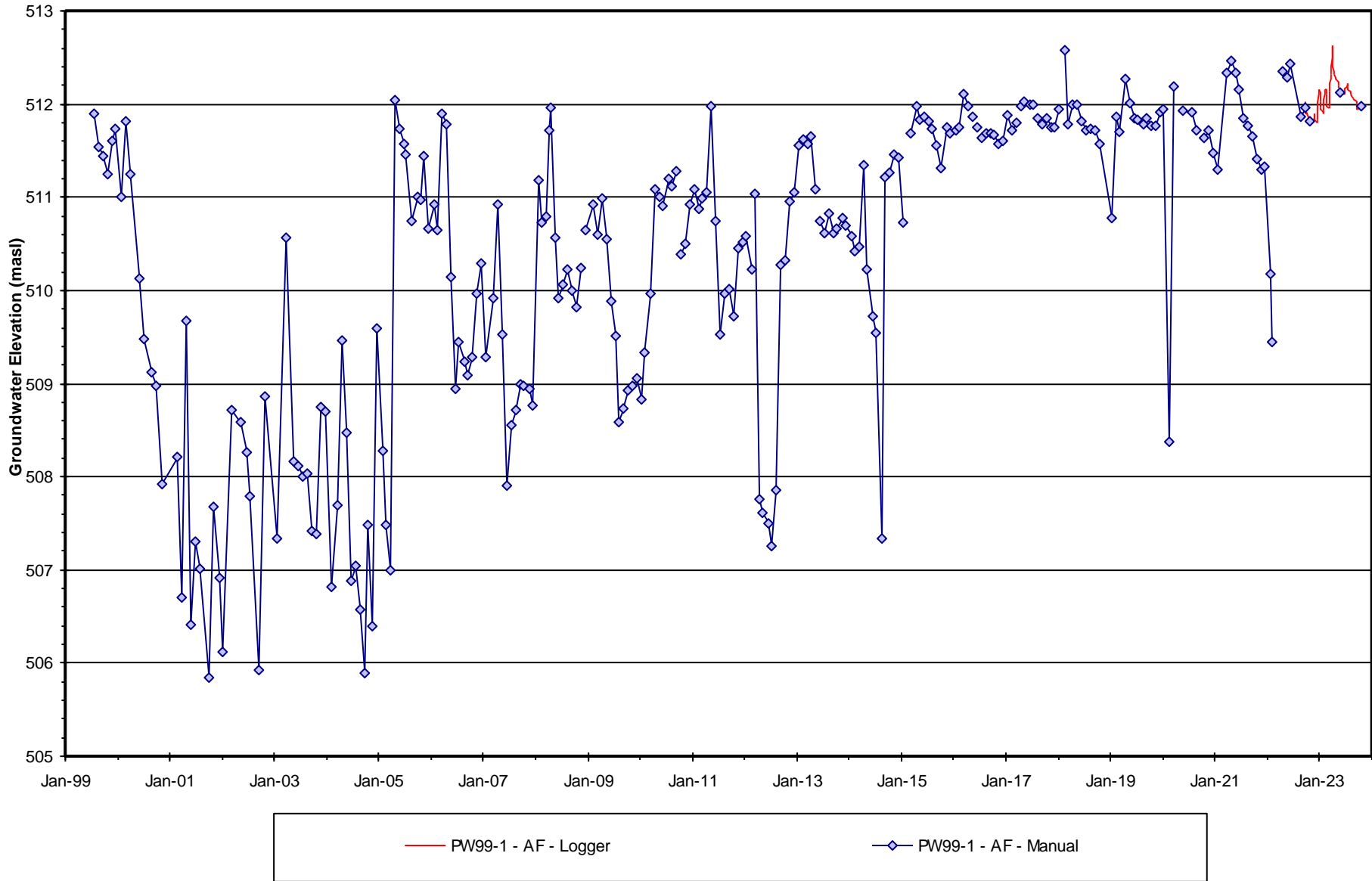


Figure B-6 Groundwater Hydrograph

BH02-1

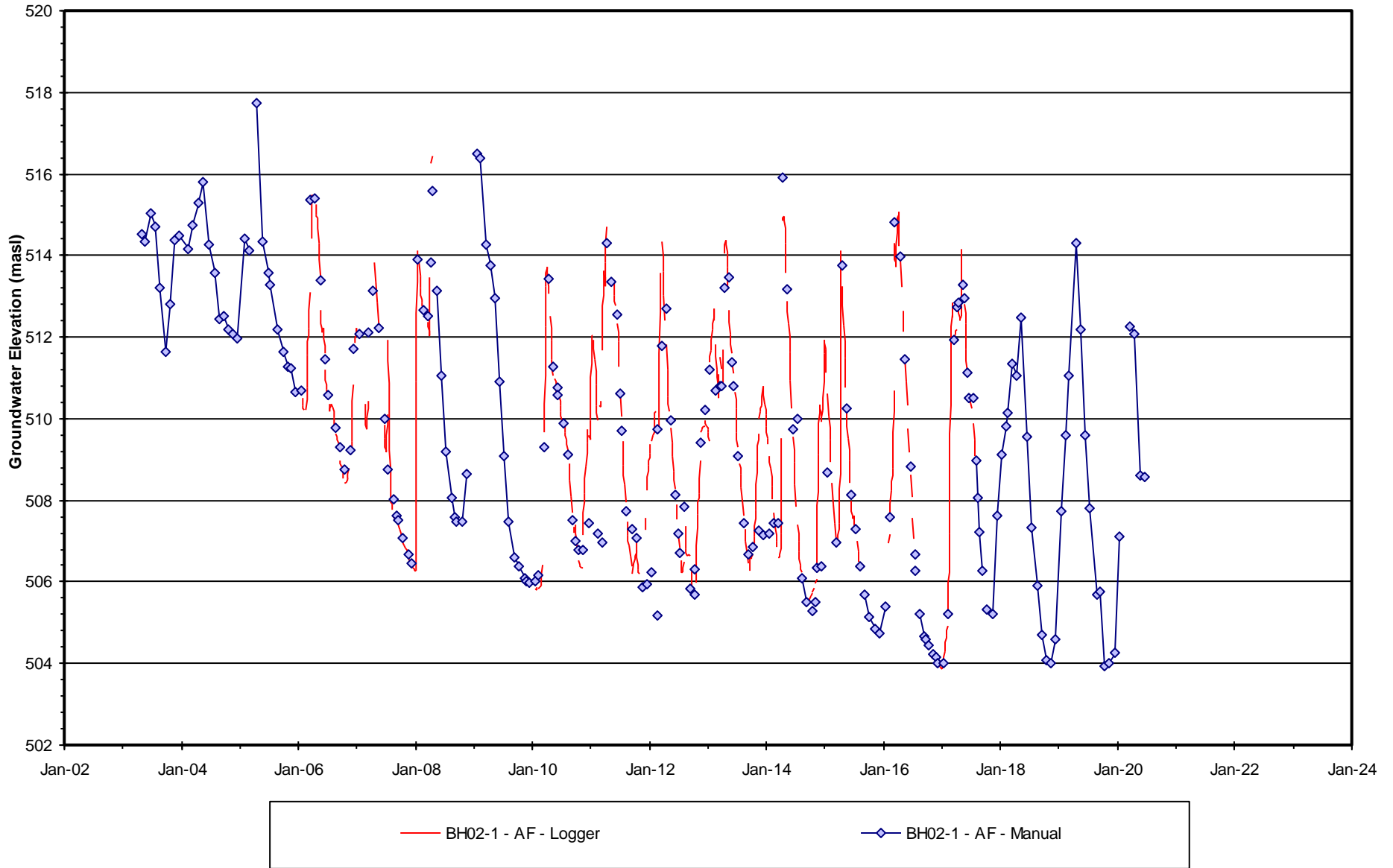


Figure B-7 Groundwater Hydrograph

BH02-2

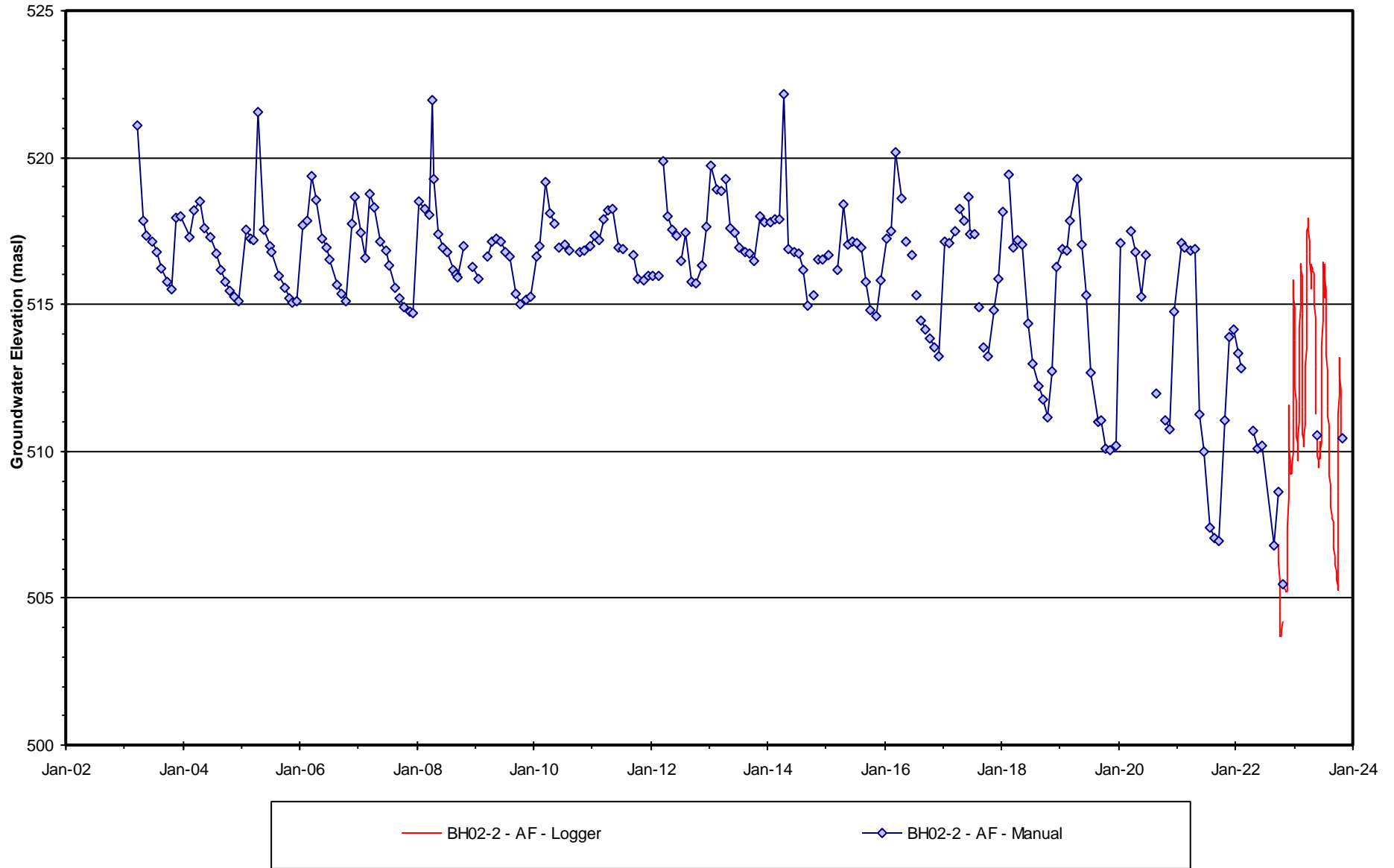


Figure B-8 Groundwater Hydrograph

BH02-3

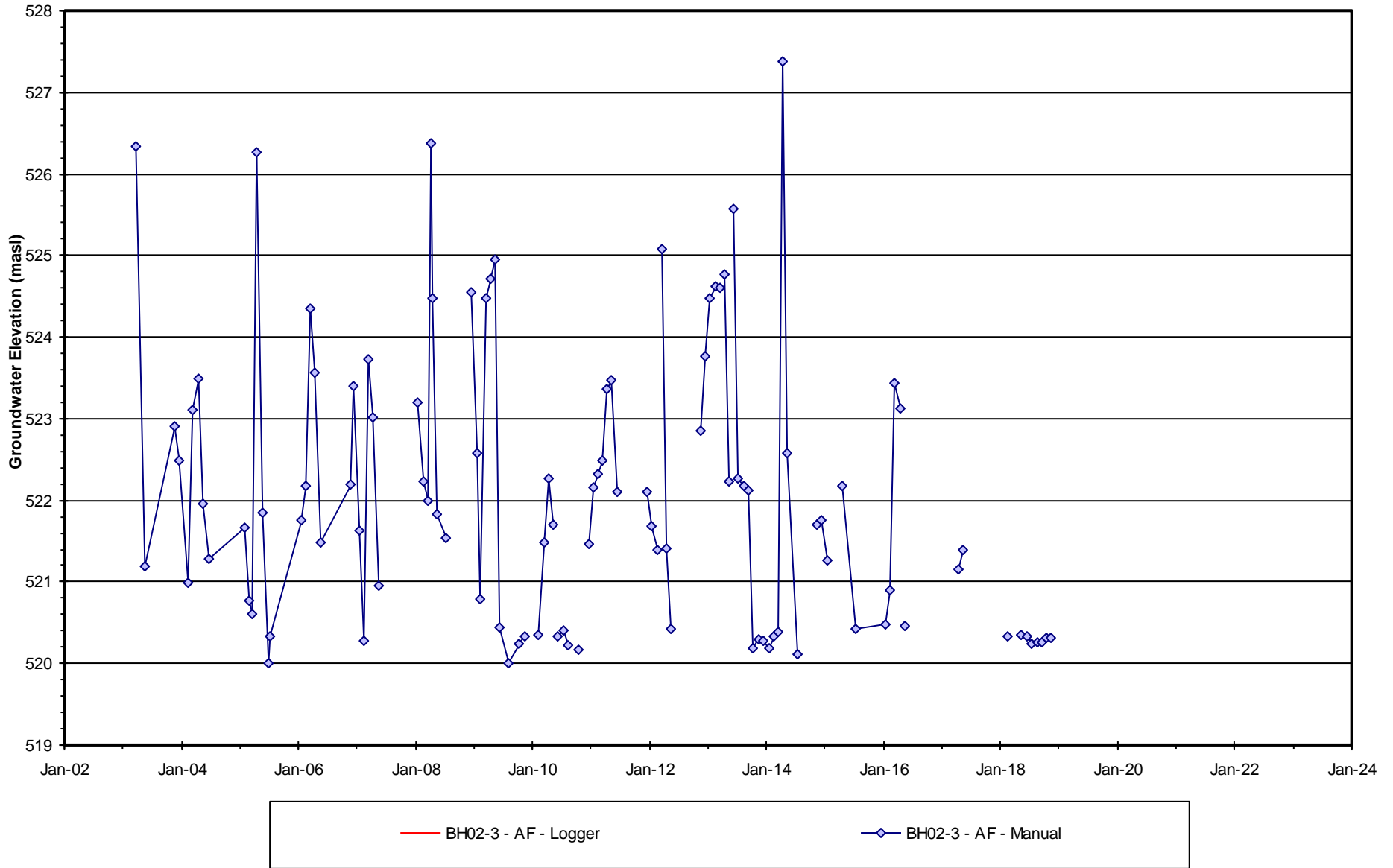


Figure B-9 Groundwater Hydrograph

BH02-4

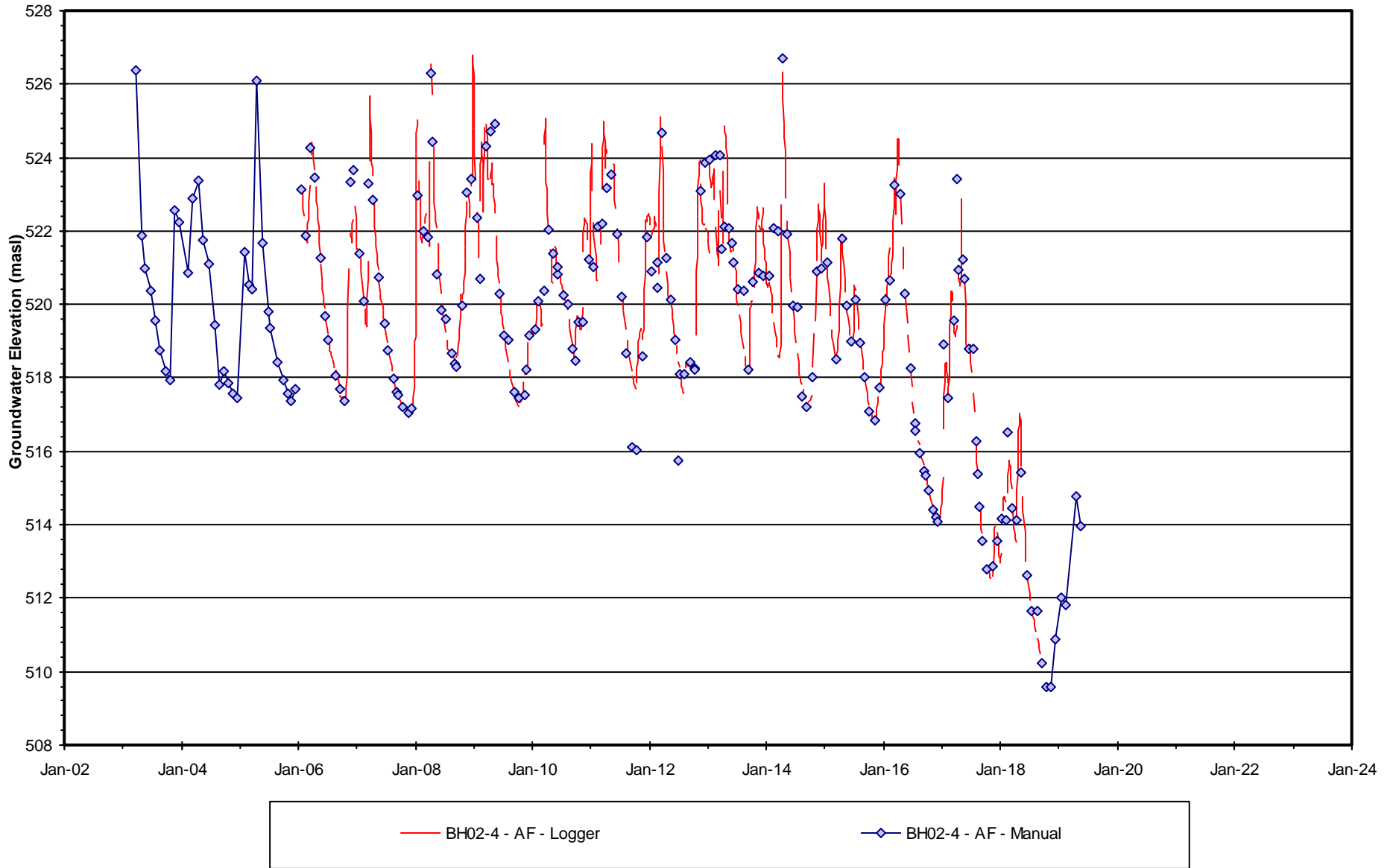


Figure B-10a Groundwater Hydrograph

Nest BH02-5 - Overburden

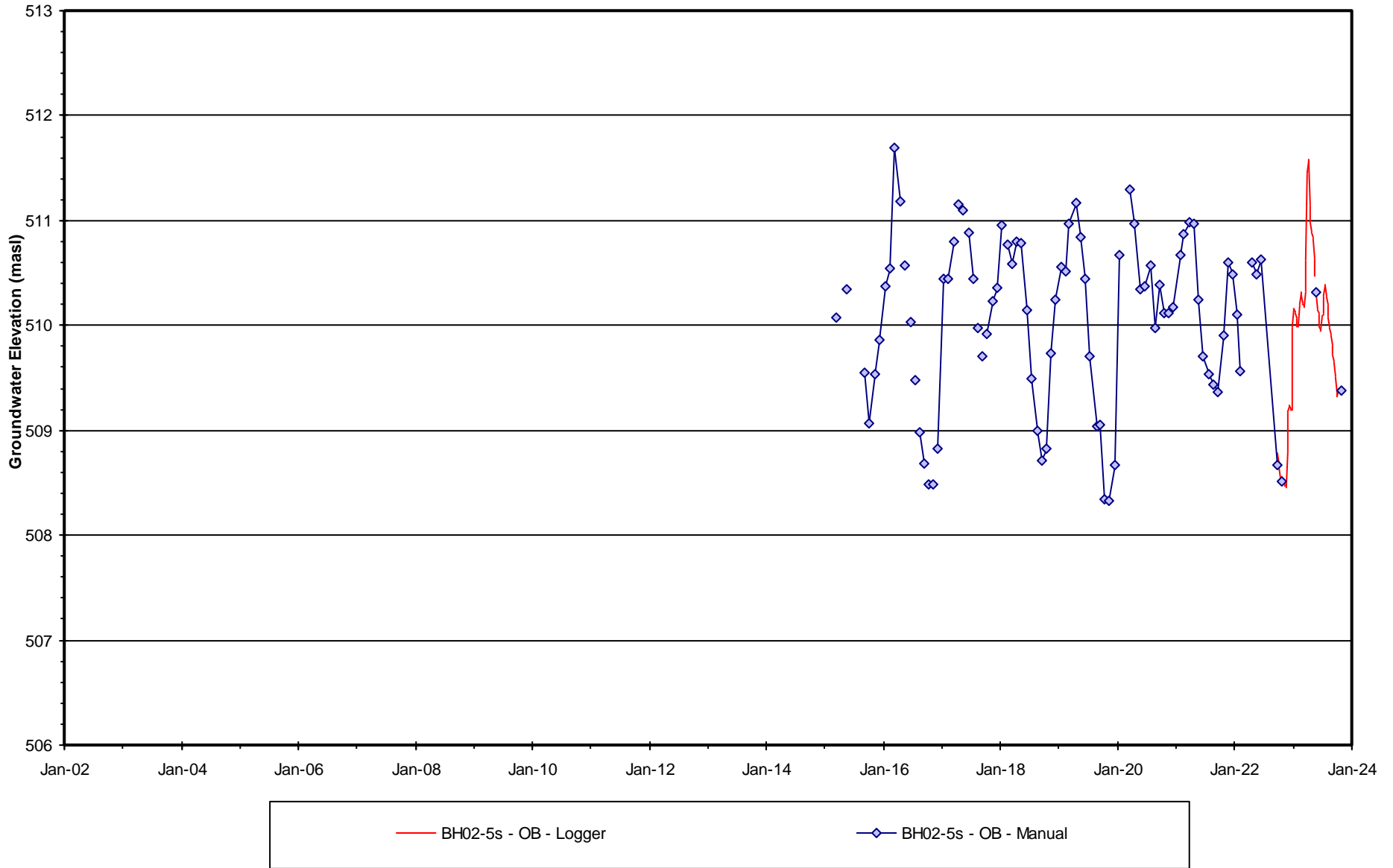


Figure B-10b Groundwater Hydrograph

Nest BH02-5 - Shallow Amabel Bedrock

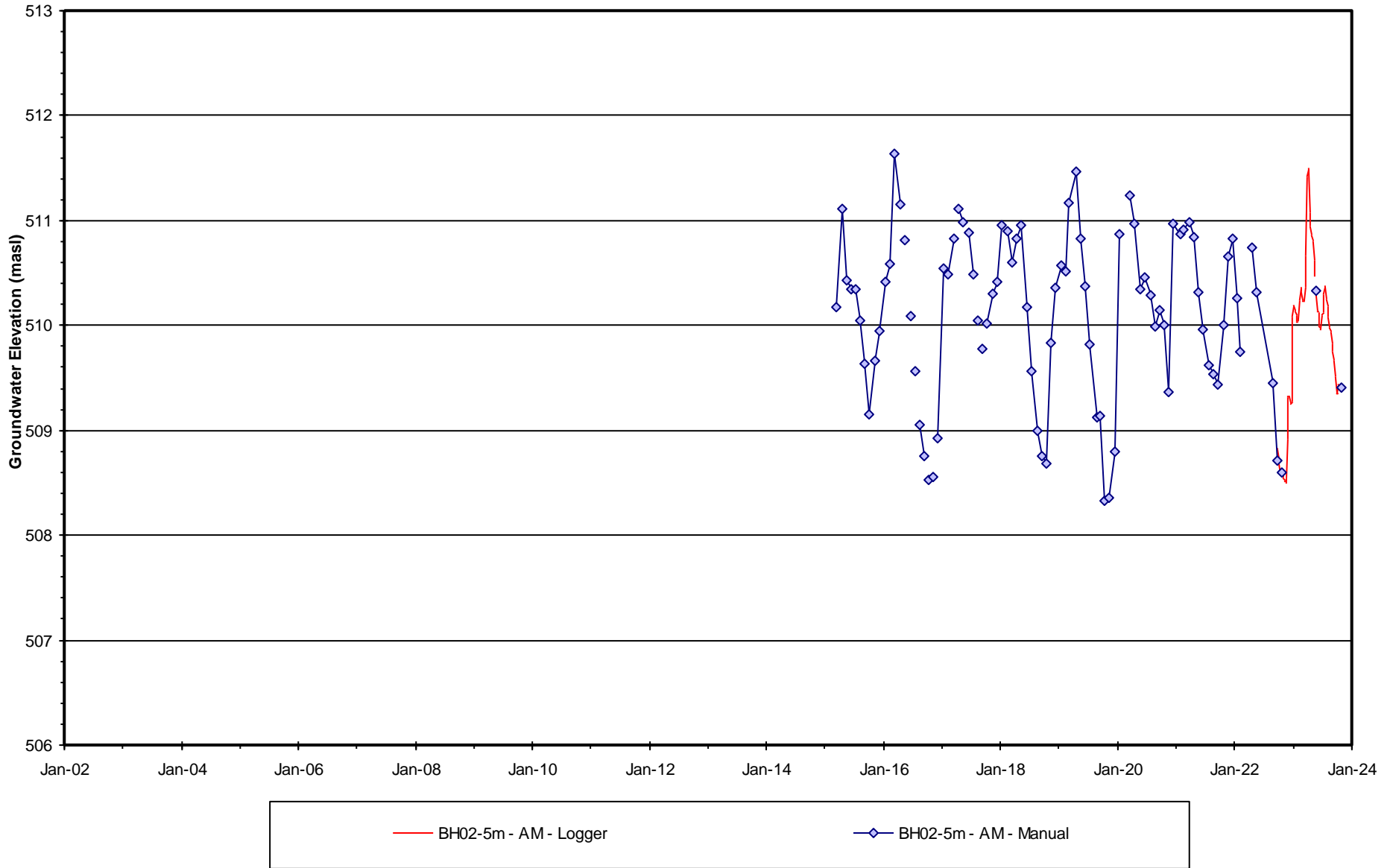


Figure B-10c Groundwater Hydrograph
Nest BH02-5 - Deep Amabel / Fossil Hill Bedrock

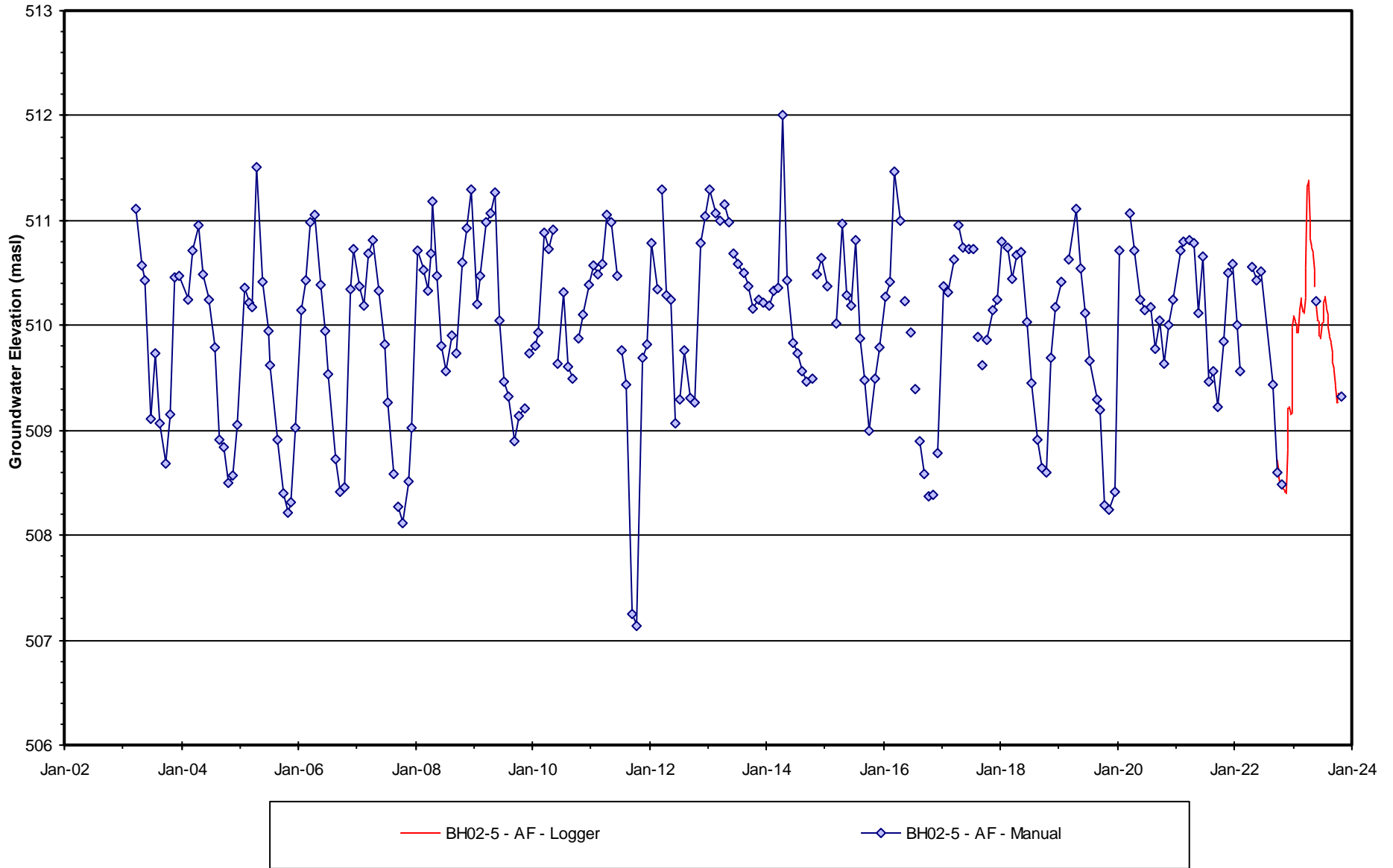


Figure B-11 Groundwater Hydrograph

BH02-6

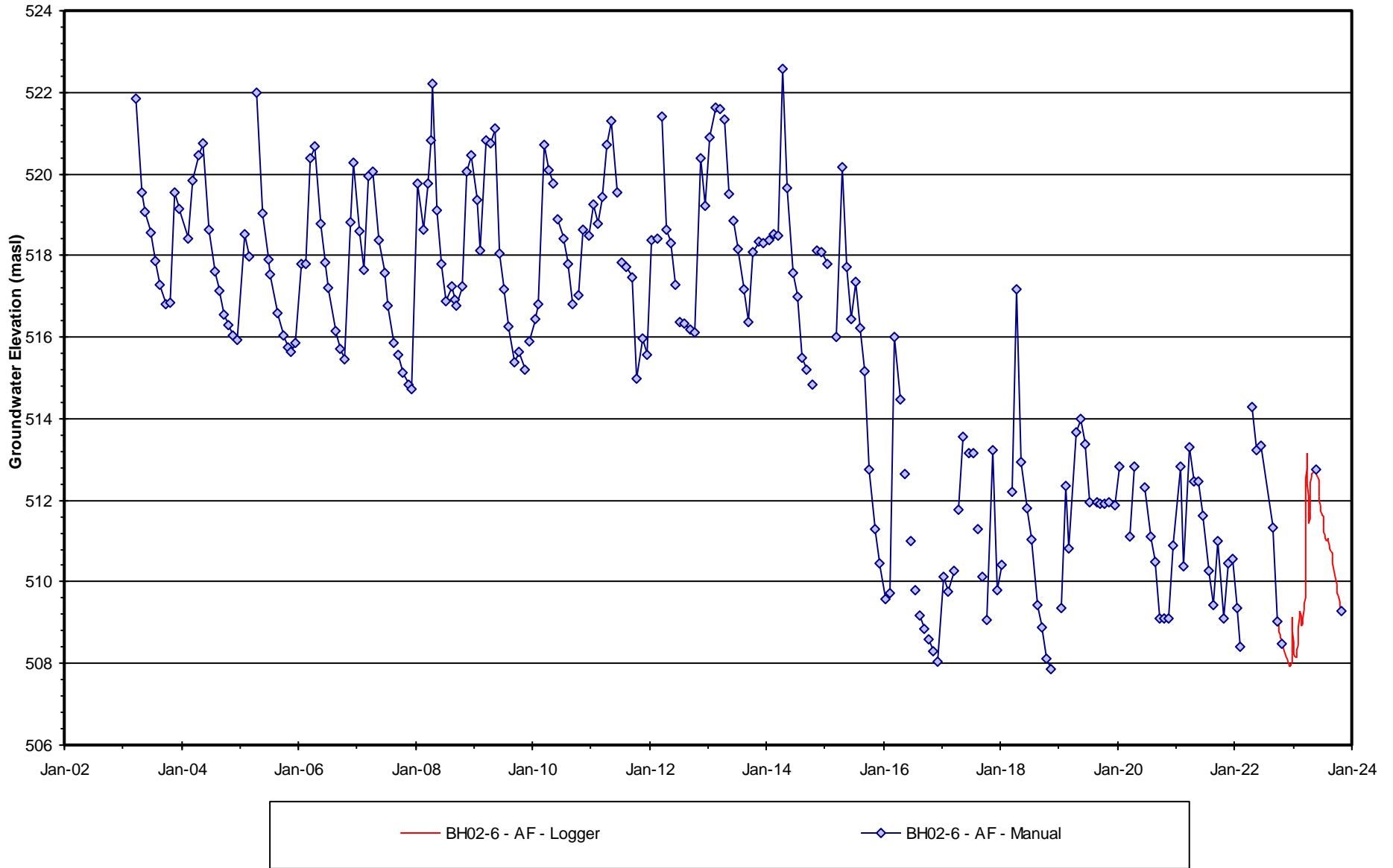


Figure B-12a Groundwater Hydrograph

Nest BH03-7 - Overburden

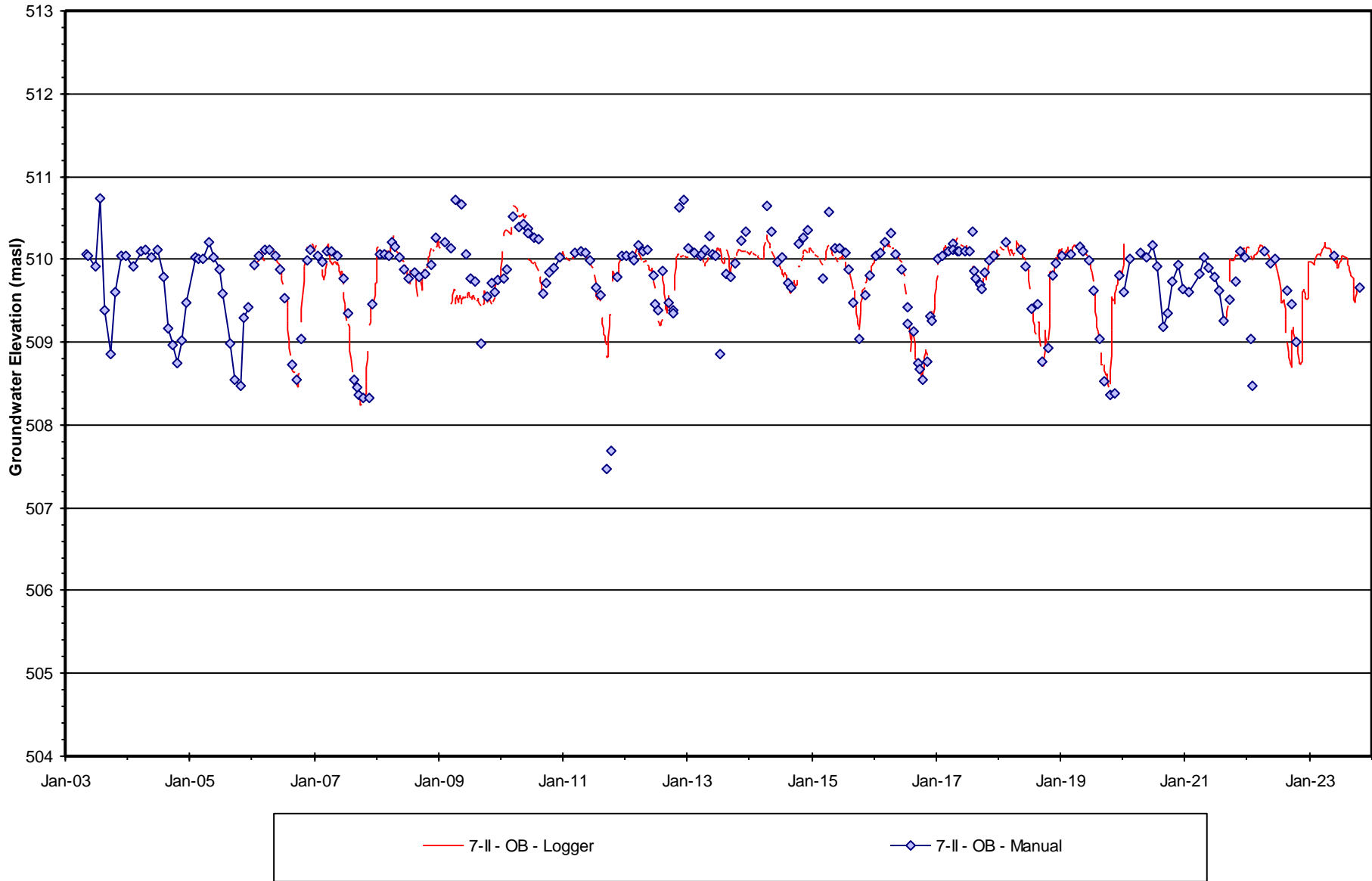


Figure B-12b Groundwater Hydrograph
Nest BH03-7 - Shallow Amabel Bedrock

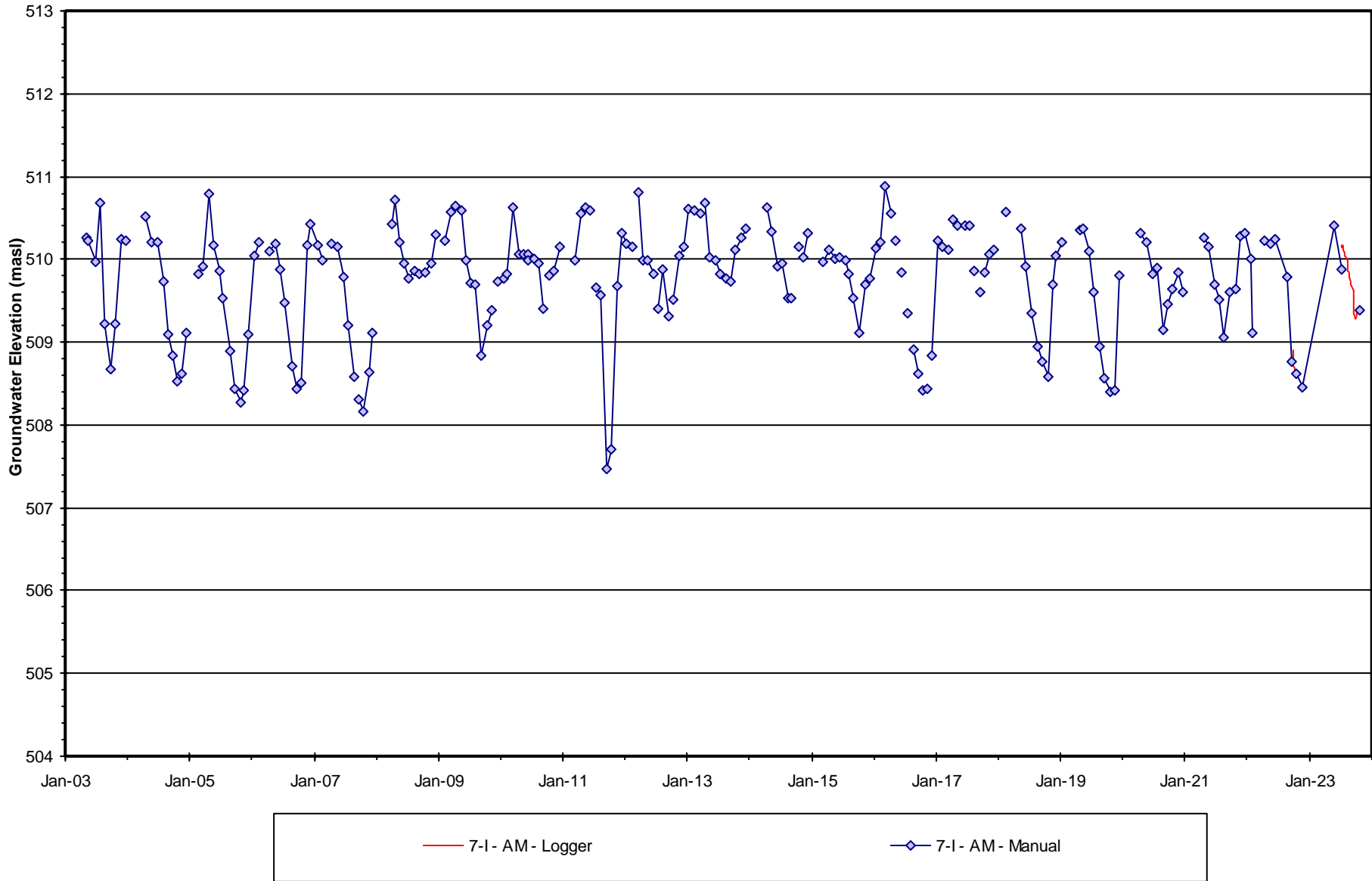


Figure B-12c Groundwater Hydrograph
Nest BH03-7 - Deep Amabel / Fossil Hill Bedrock

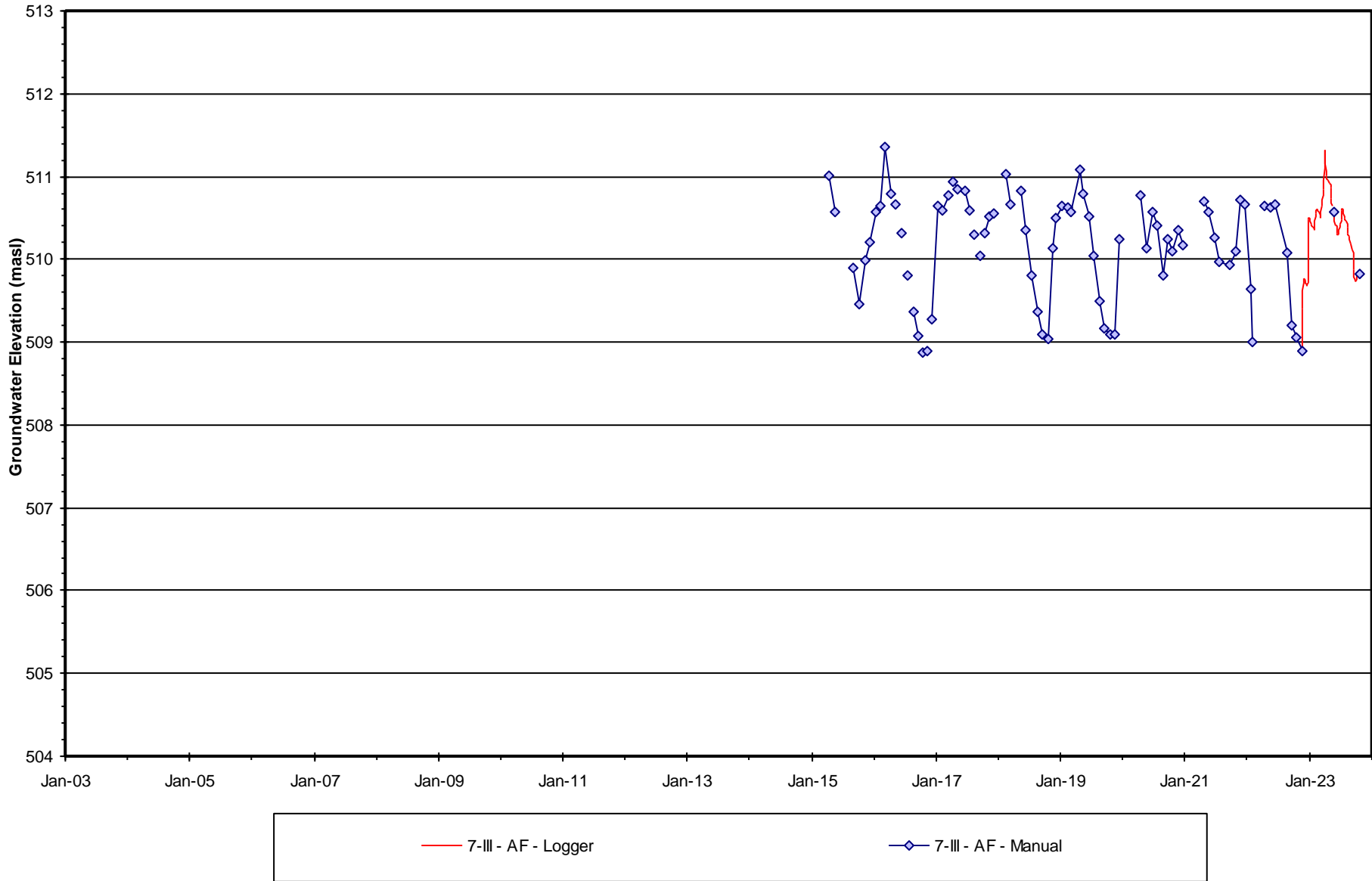


Figure B-13 Groundwater Hydrograph

BH03-8

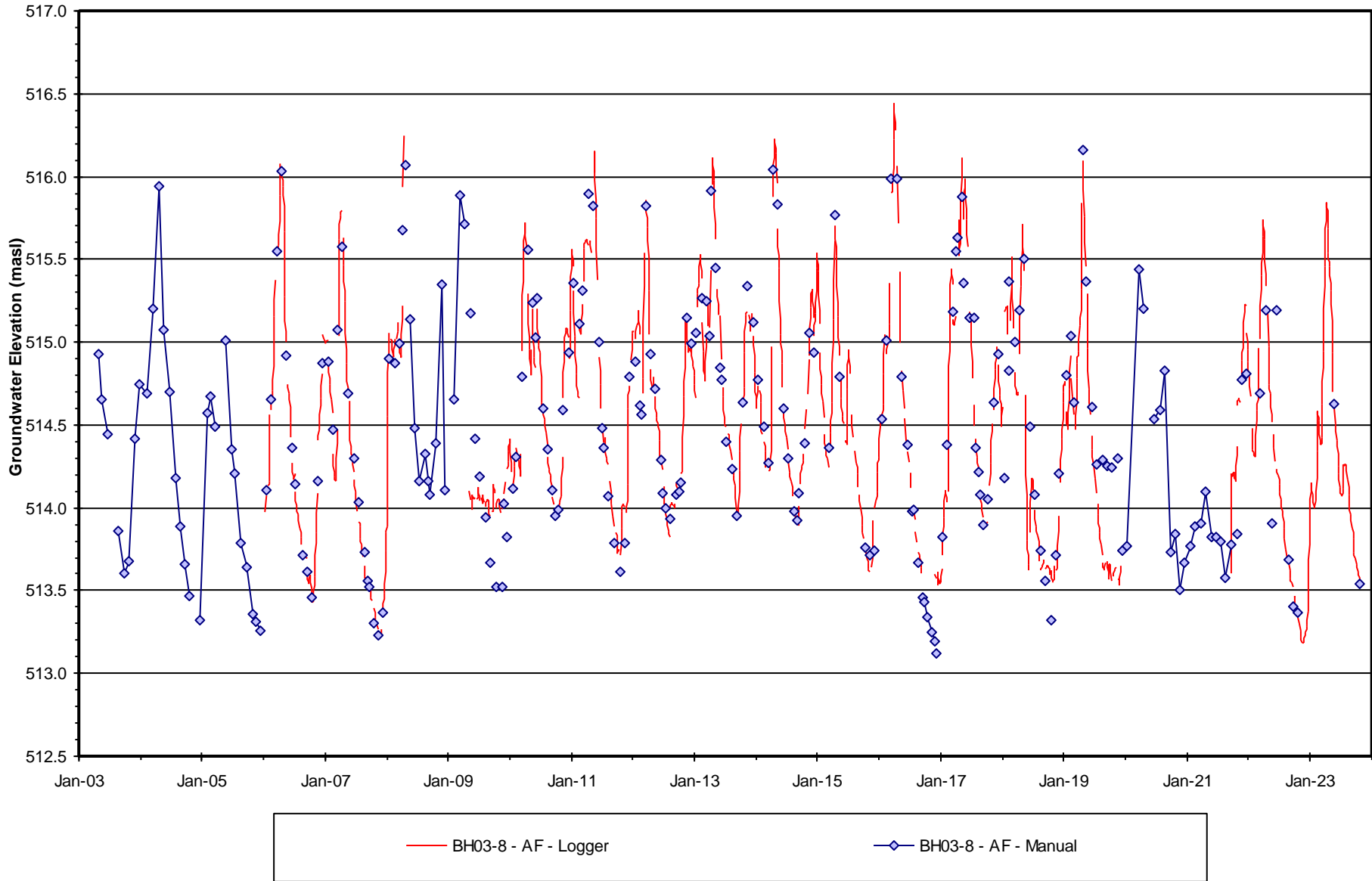


Figure B-14 Groundwater Hydrograph

BH03-9

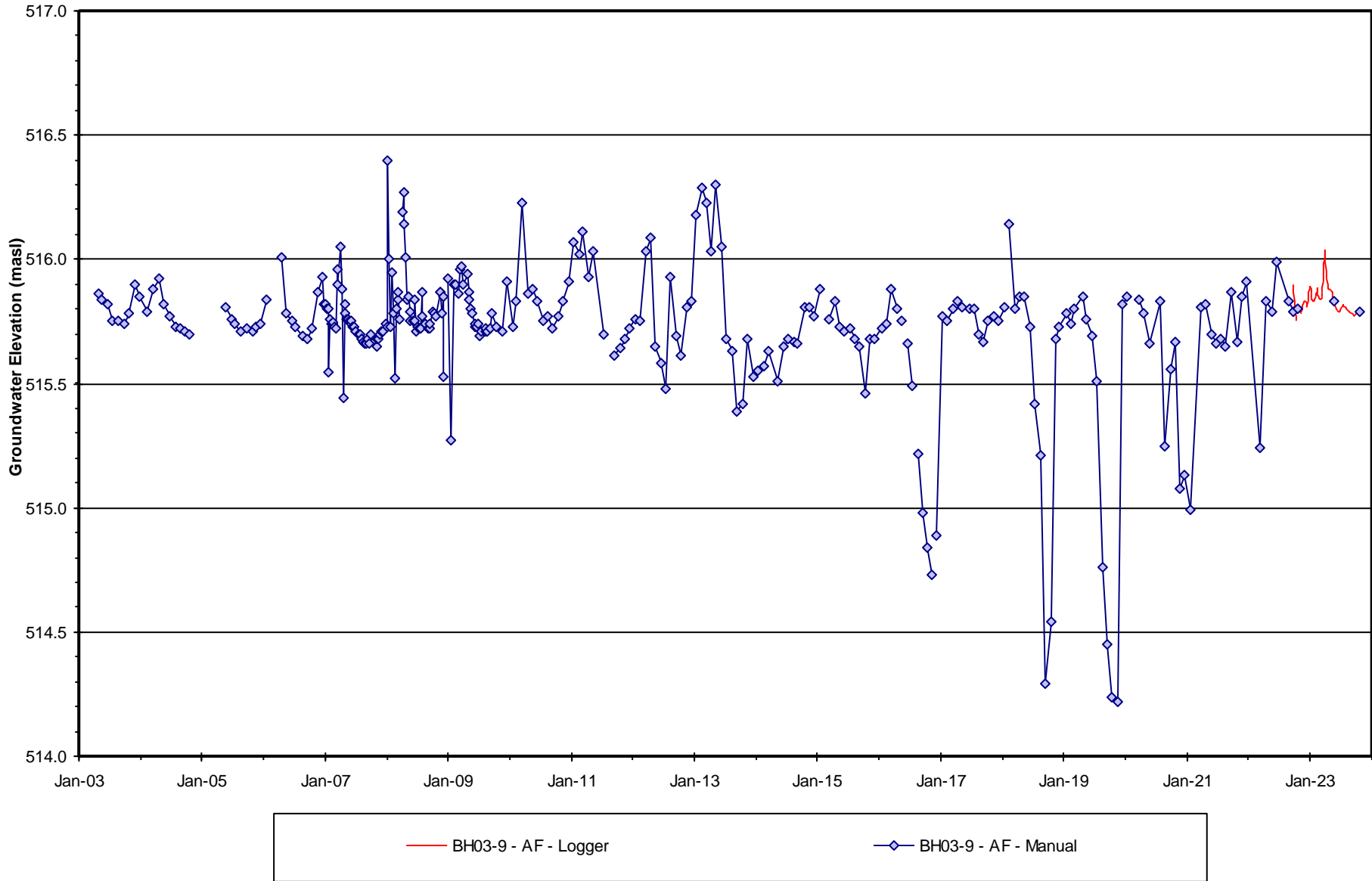


Figure B-15 Groundwater Hydrograph

TW04-1

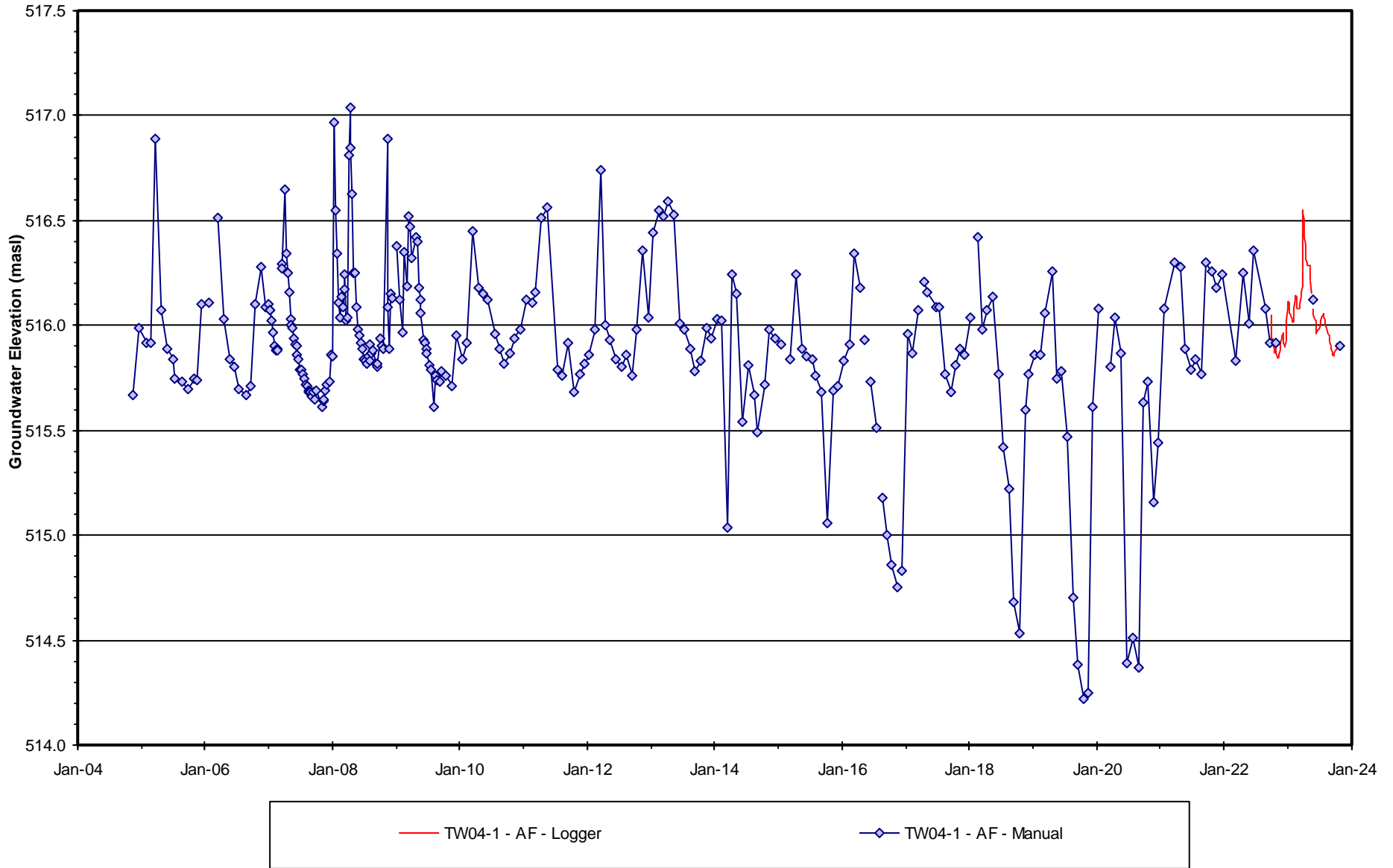


Figure B-16 Groundwater Hydrograph

TW04-2

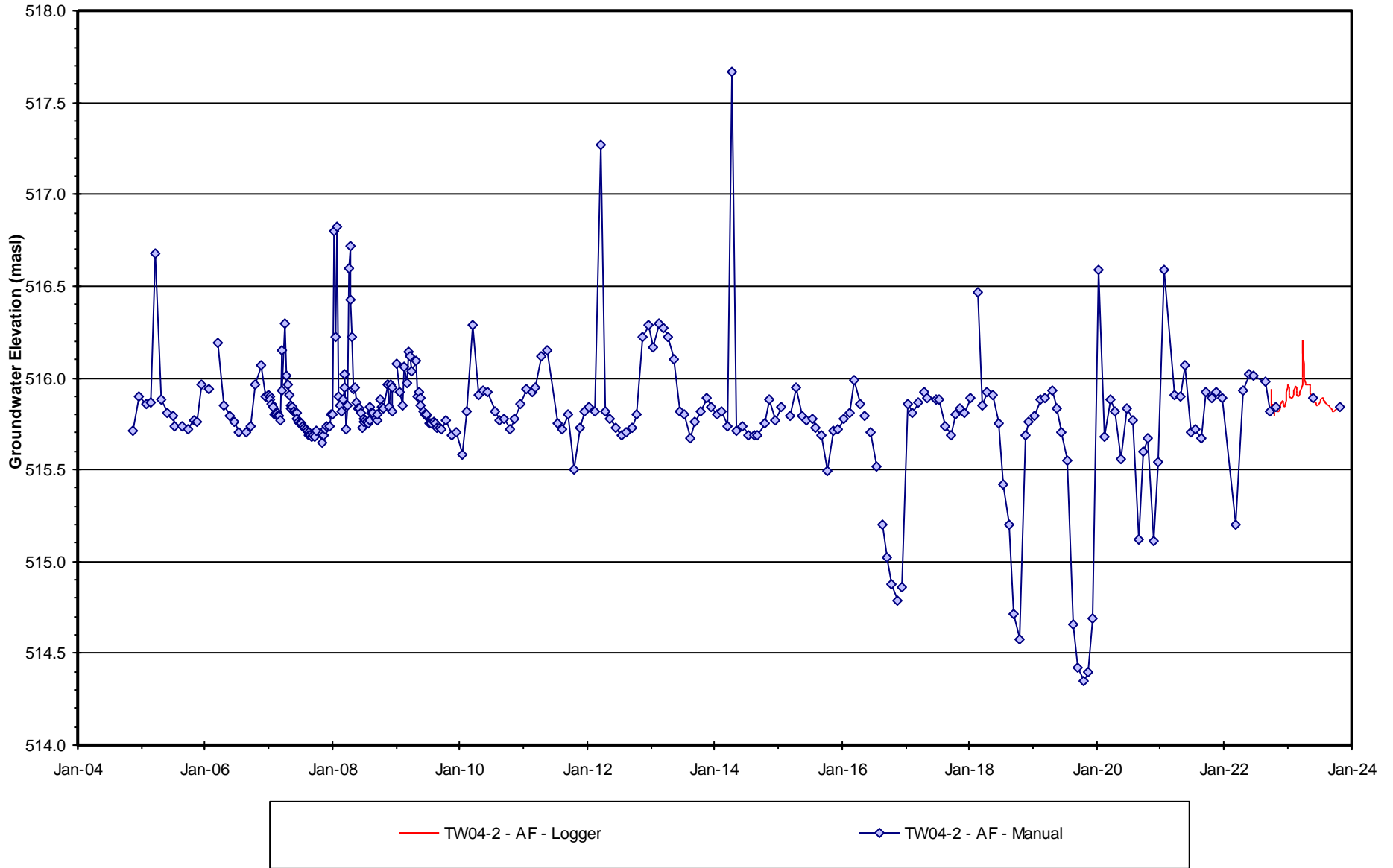


Figure B-17 Groundwater Hydrograph

TW04-3

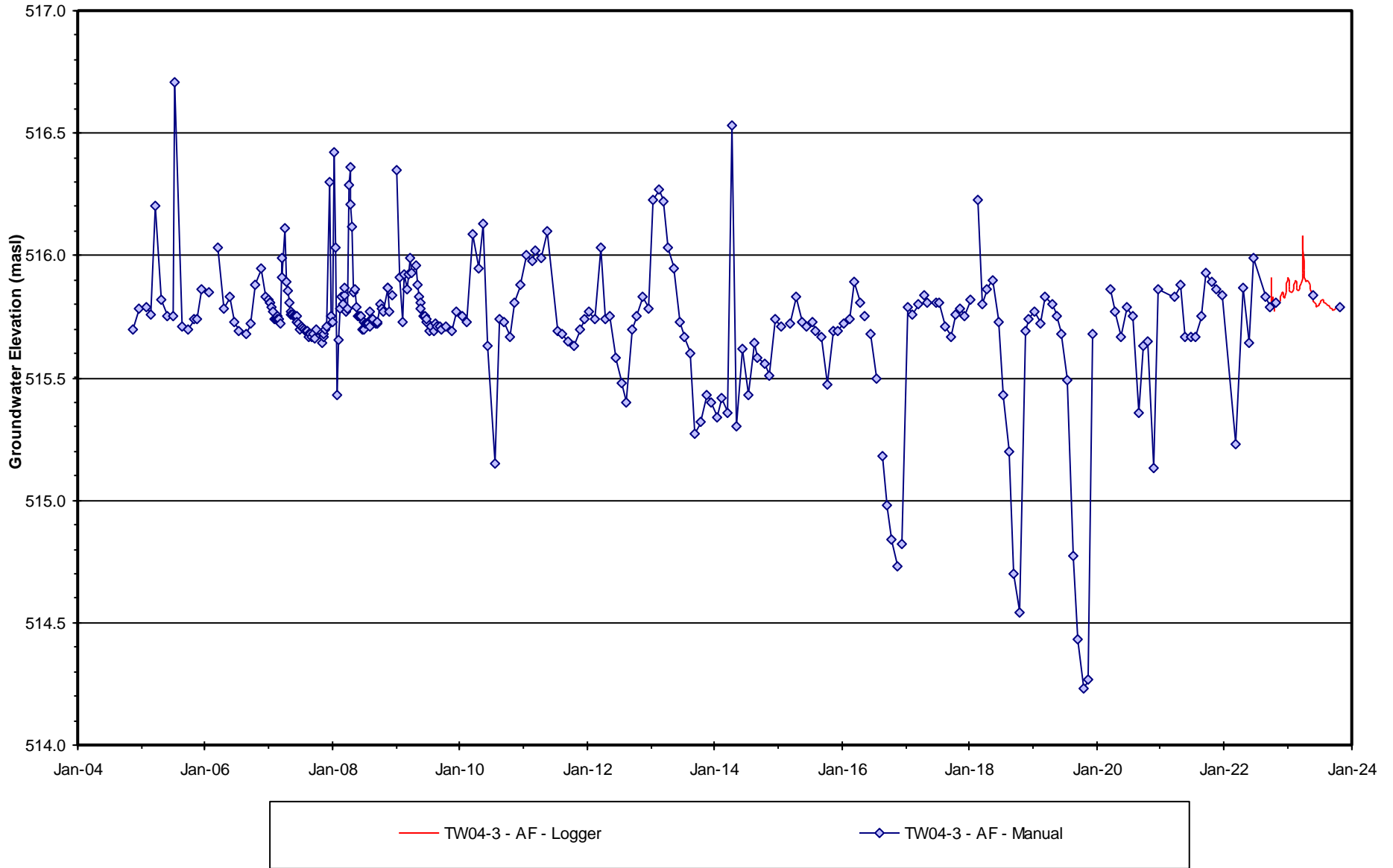


Figure B-18 Groundwater Hydrograph

BH08-1

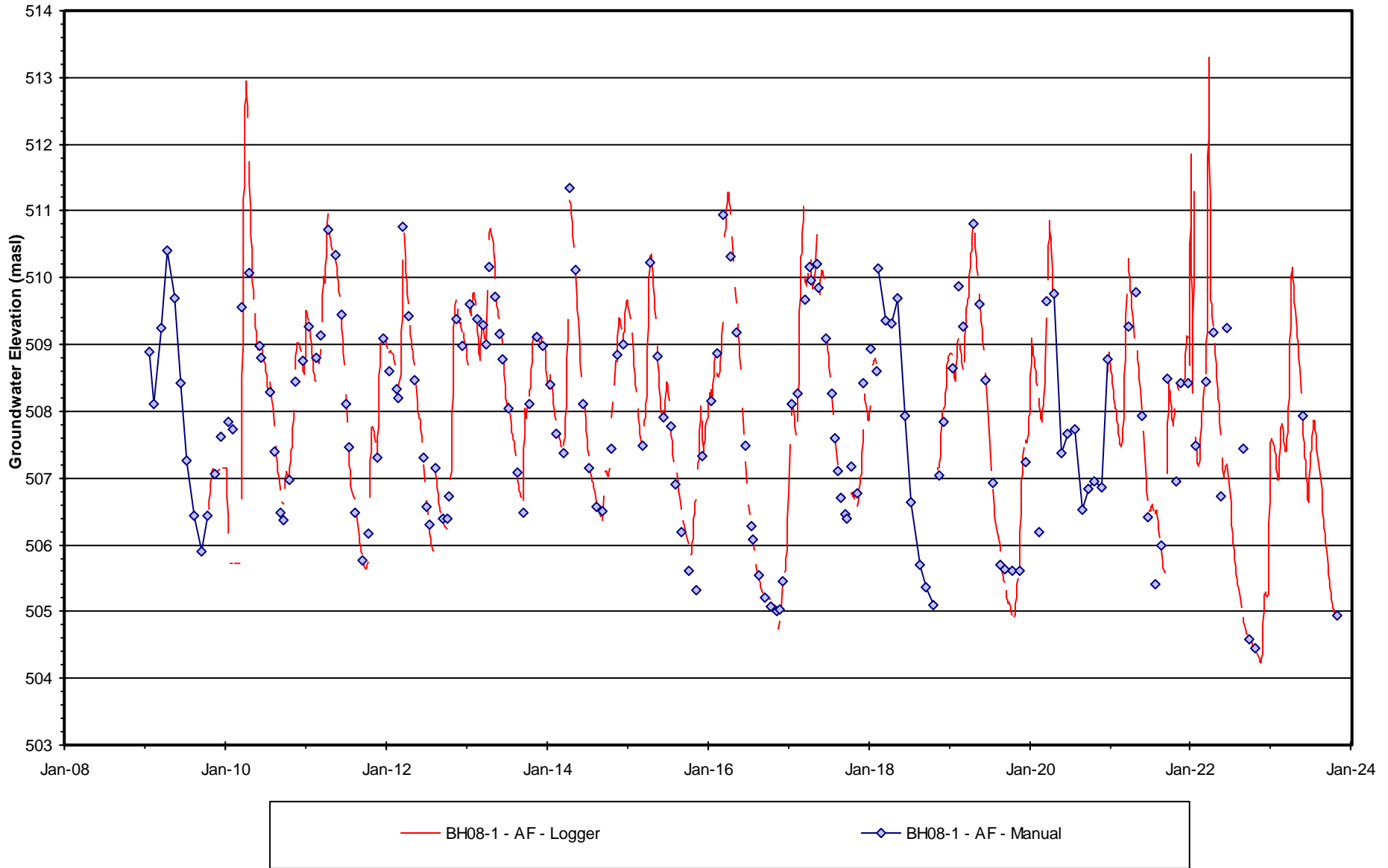


Figure B-19 Groundwater Hydrograph

BH08-2

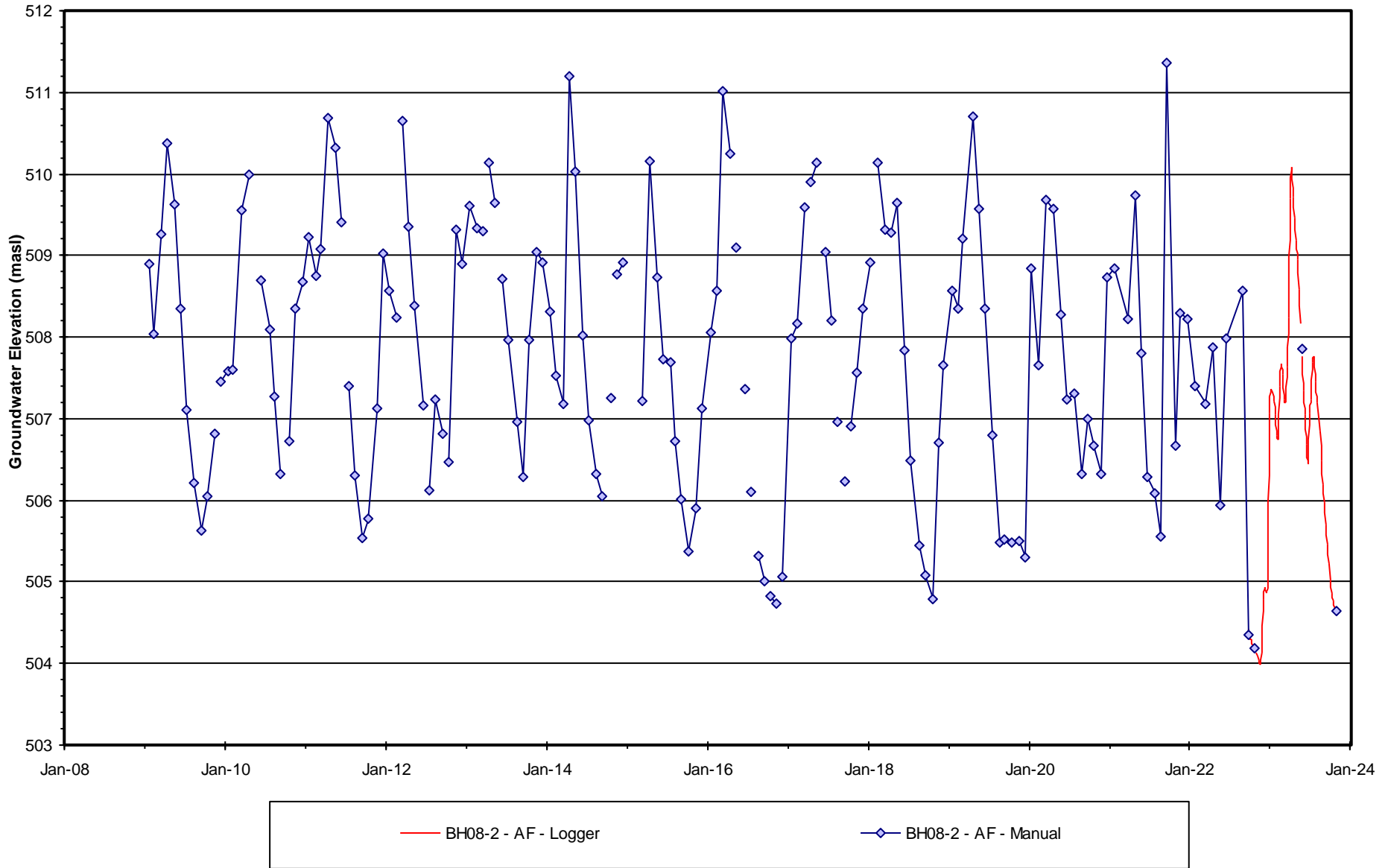


Figure B-20 Groundwater Hydrograph

BH08-3

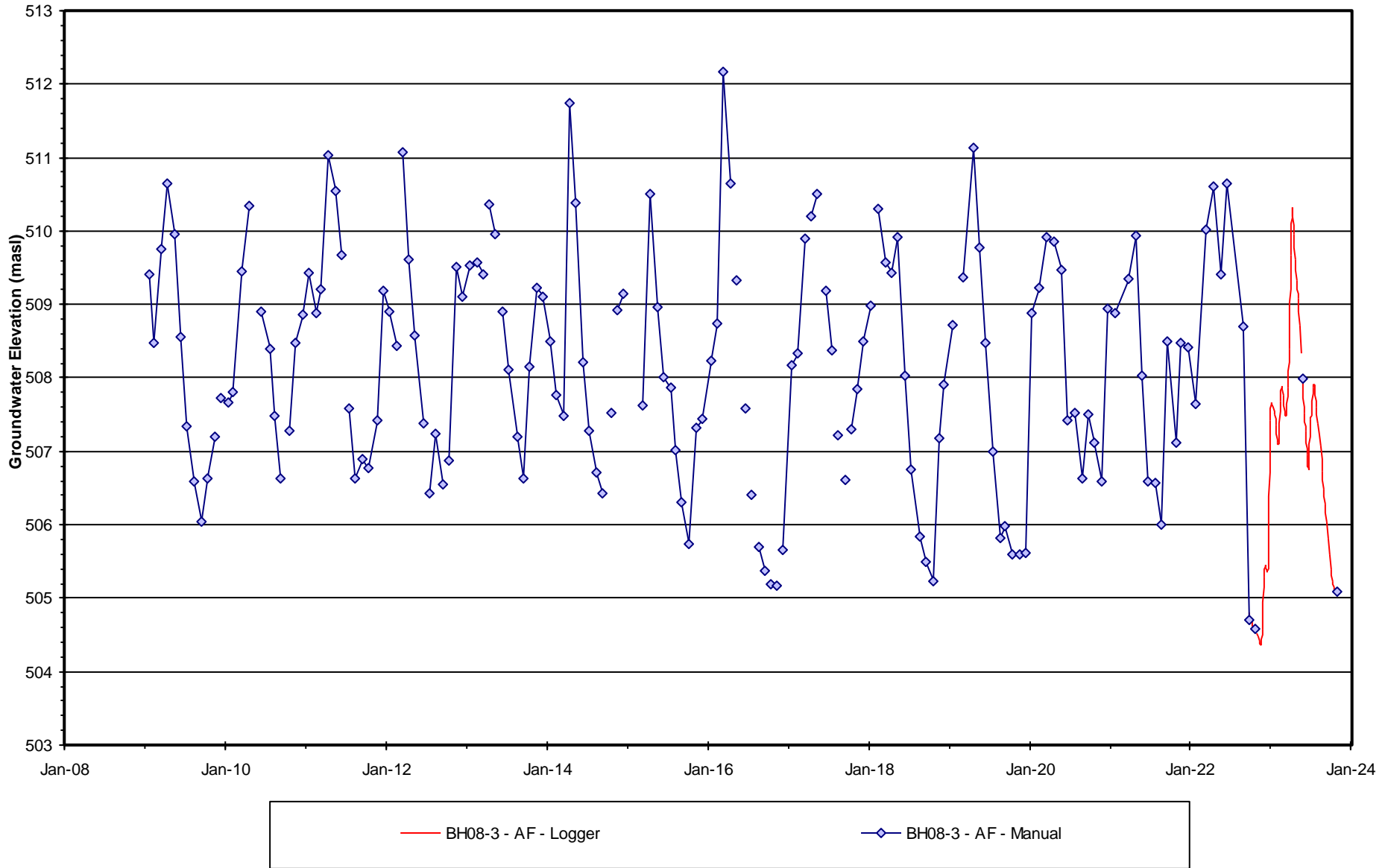


Figure B-21 Groundwater Hydrograph

NW1

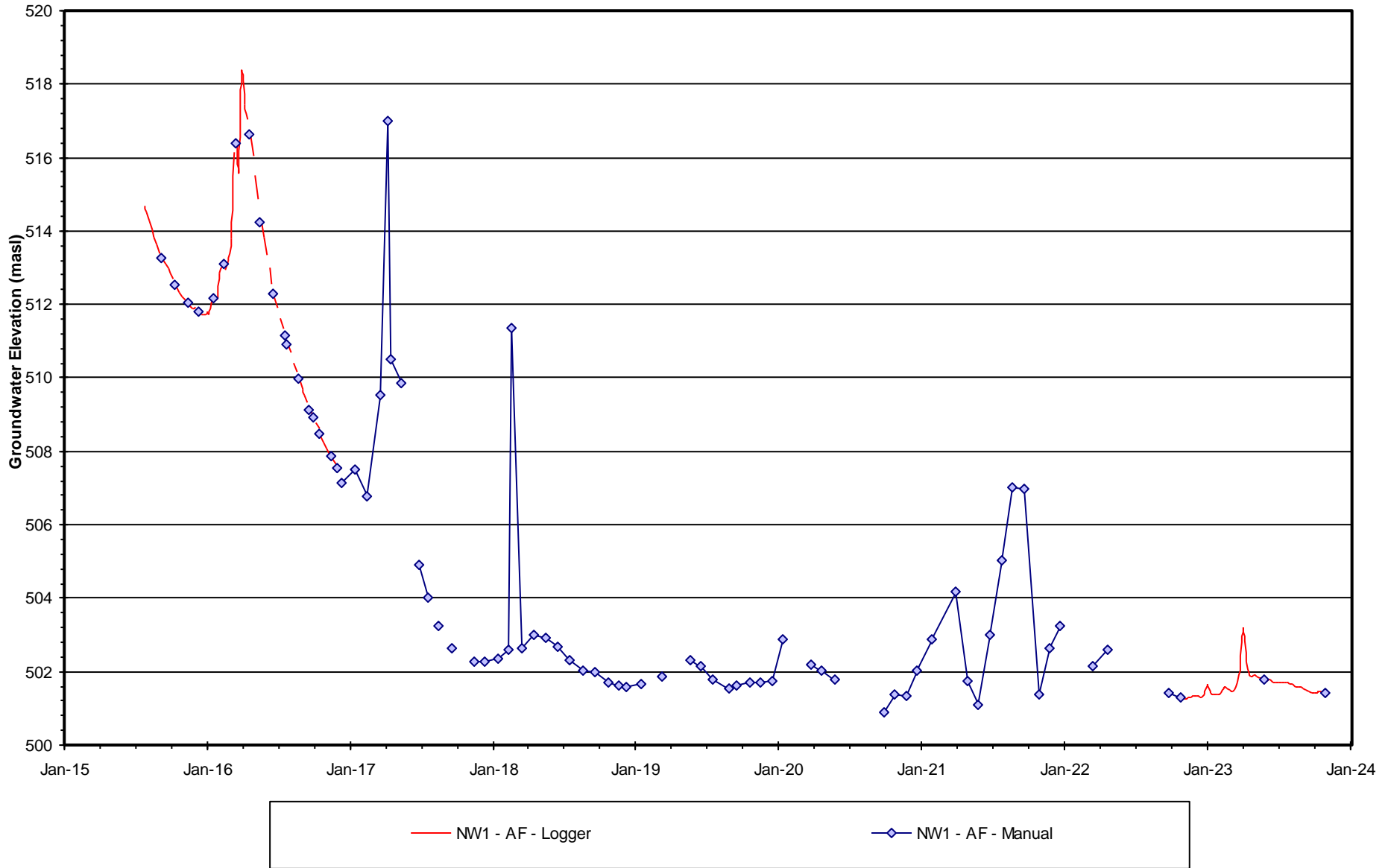


Figure B-22 Groundwater Hydrograph

NW2

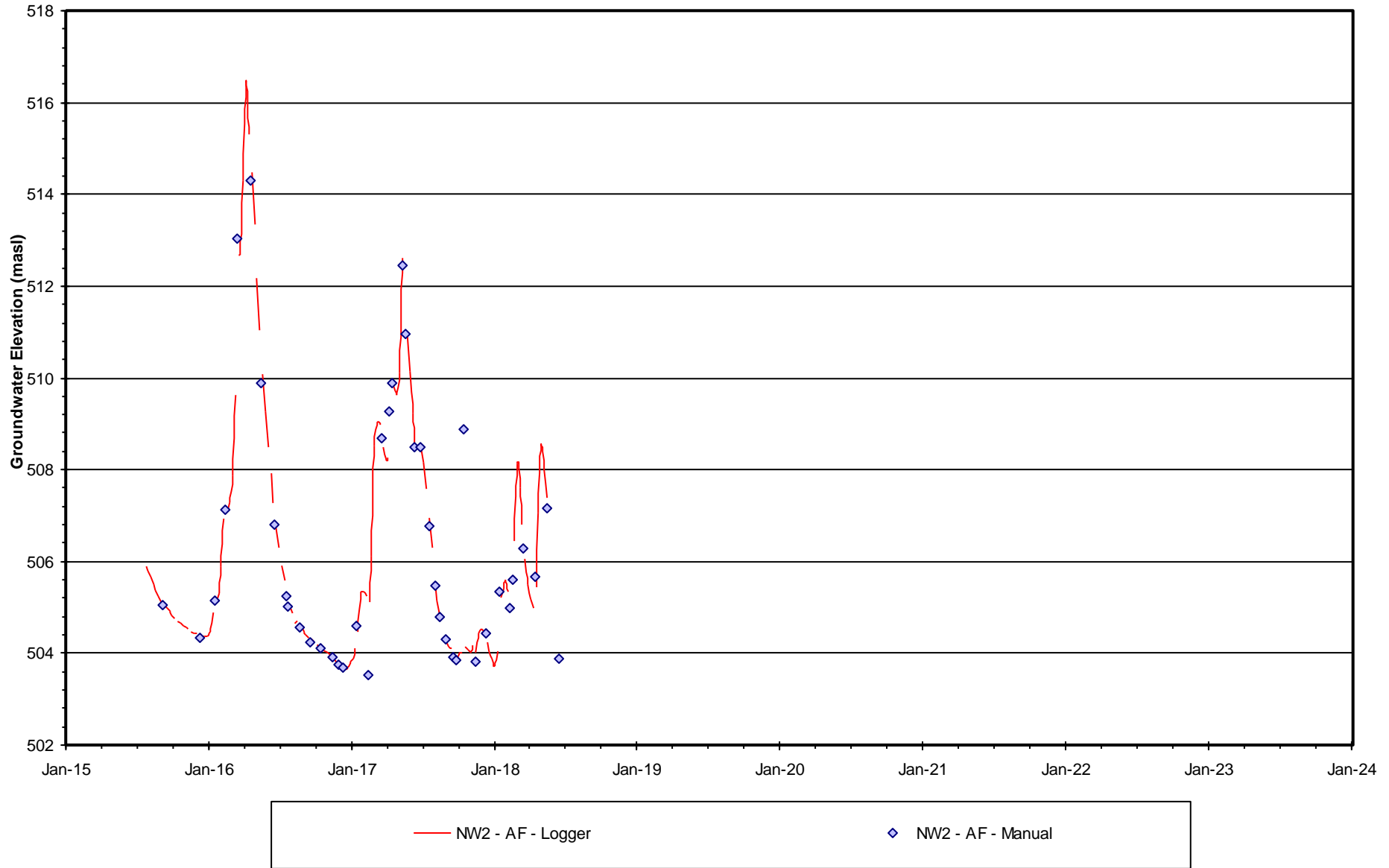


Figure B-23 Groundwater Hydrograph

NW3

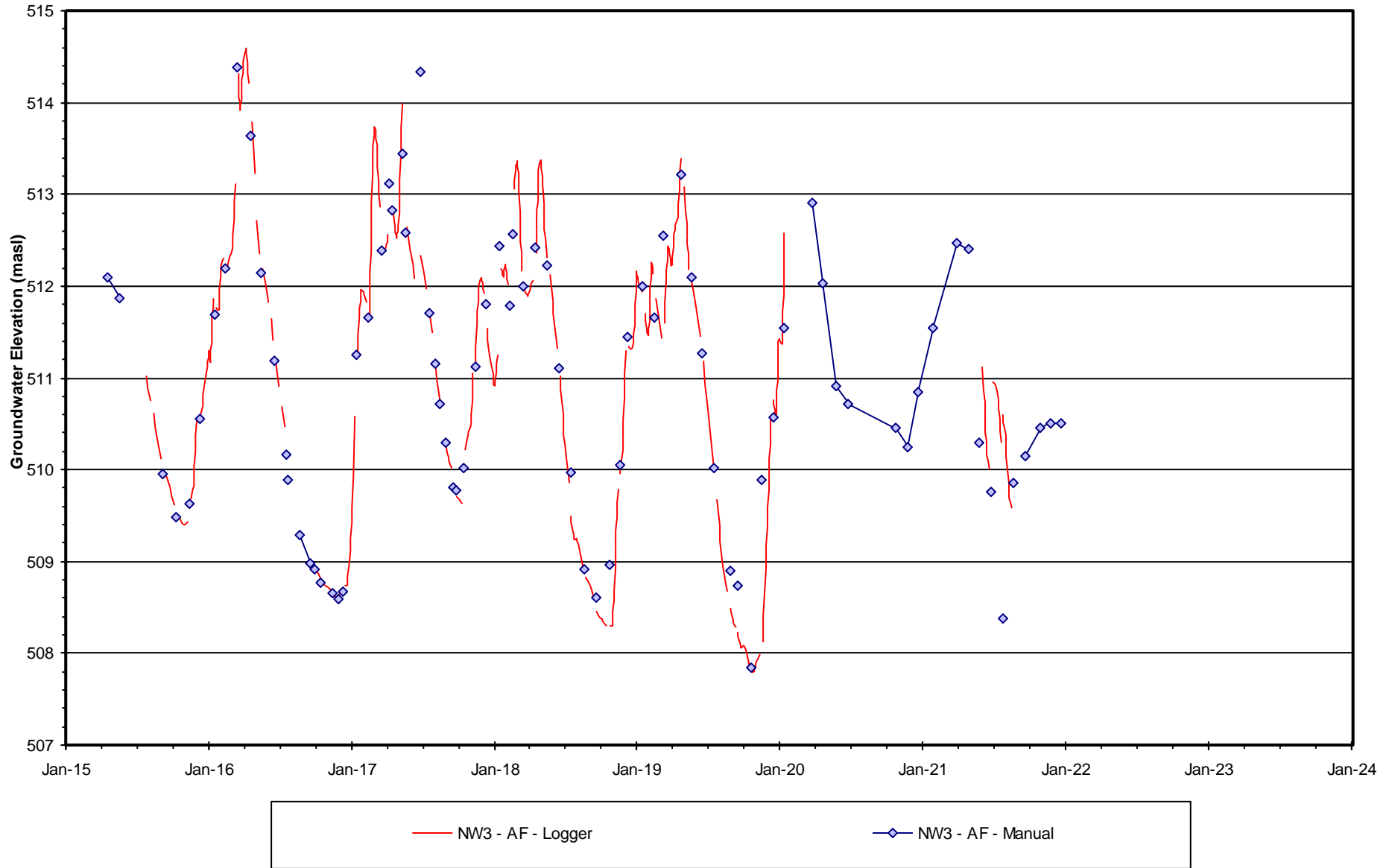


Figure B-24 Groundwater Hydrograph

NW4

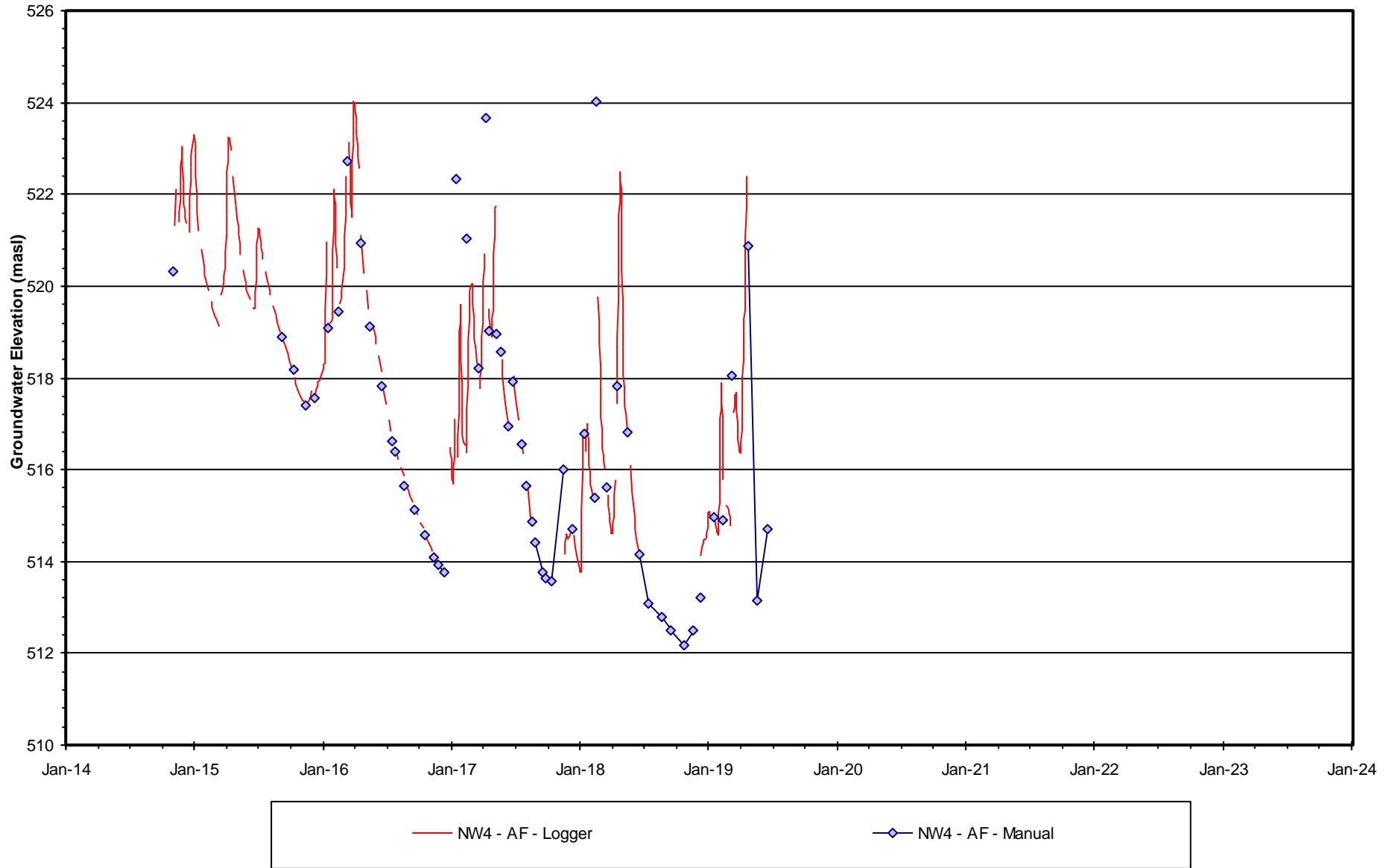


Figure B-25 Groundwater Hydrograph

NW5

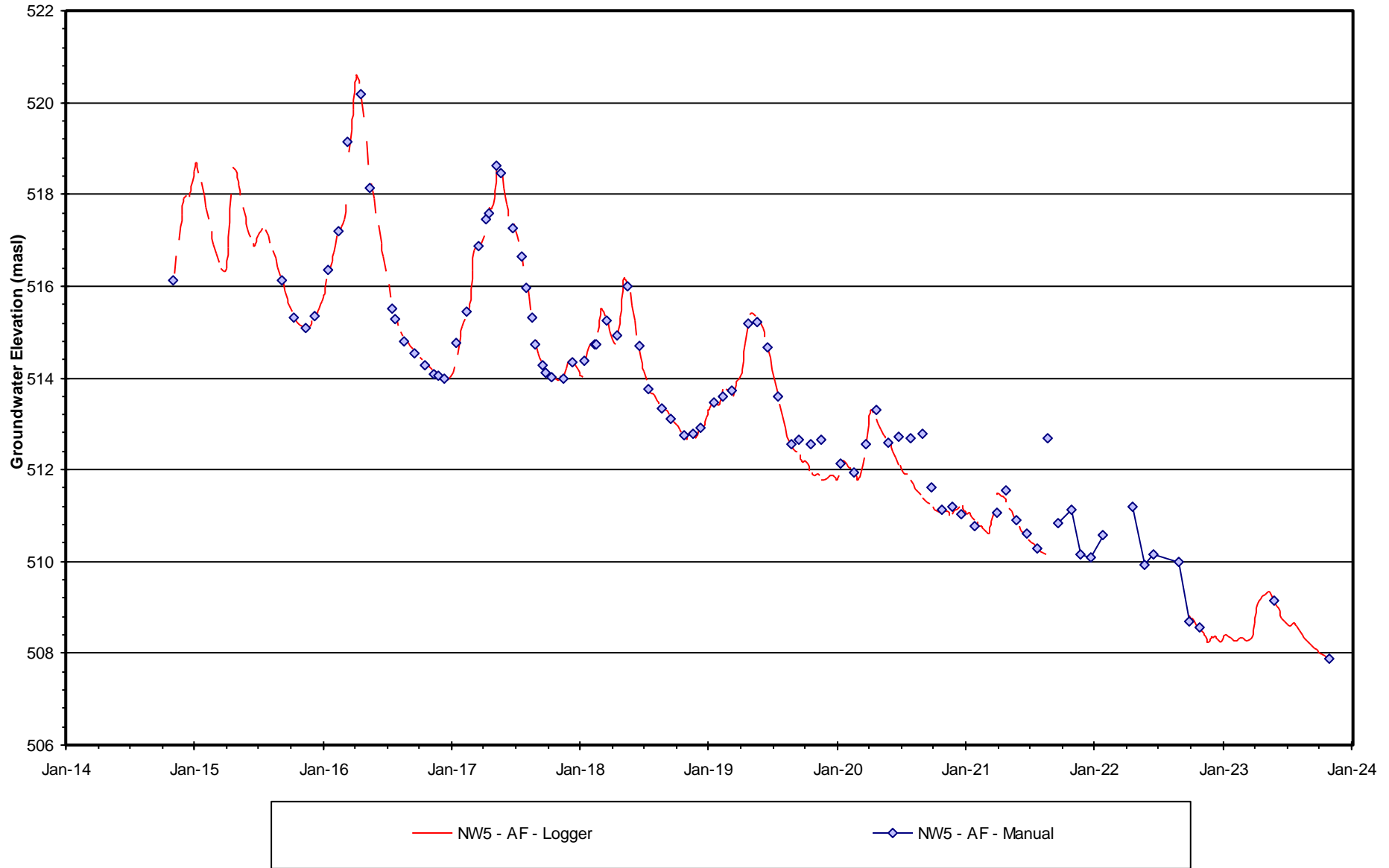


Figure B-26 Groundwater Hydrograph

NW6

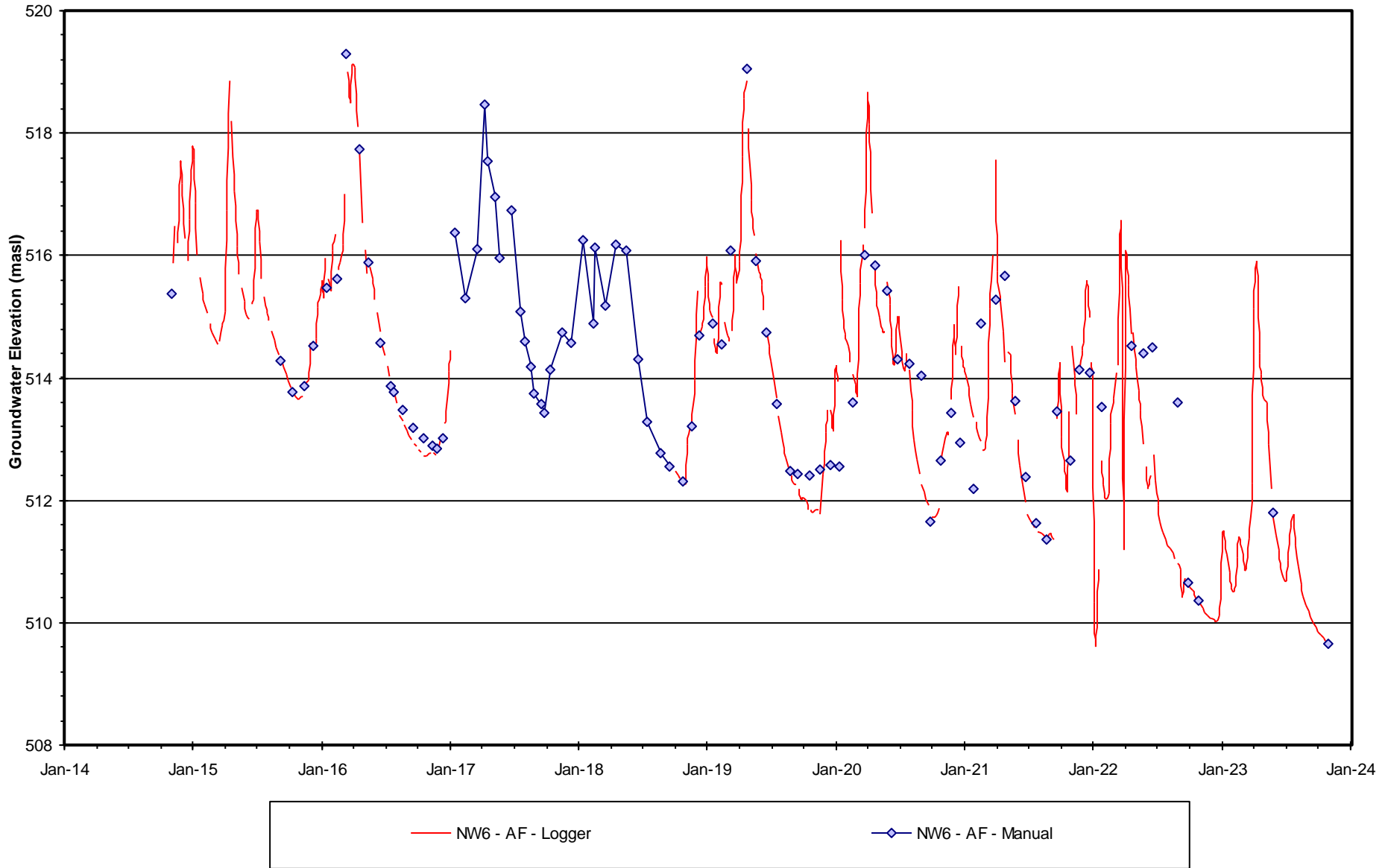


Figure B-27 Groundwater Hydrograph

NW7

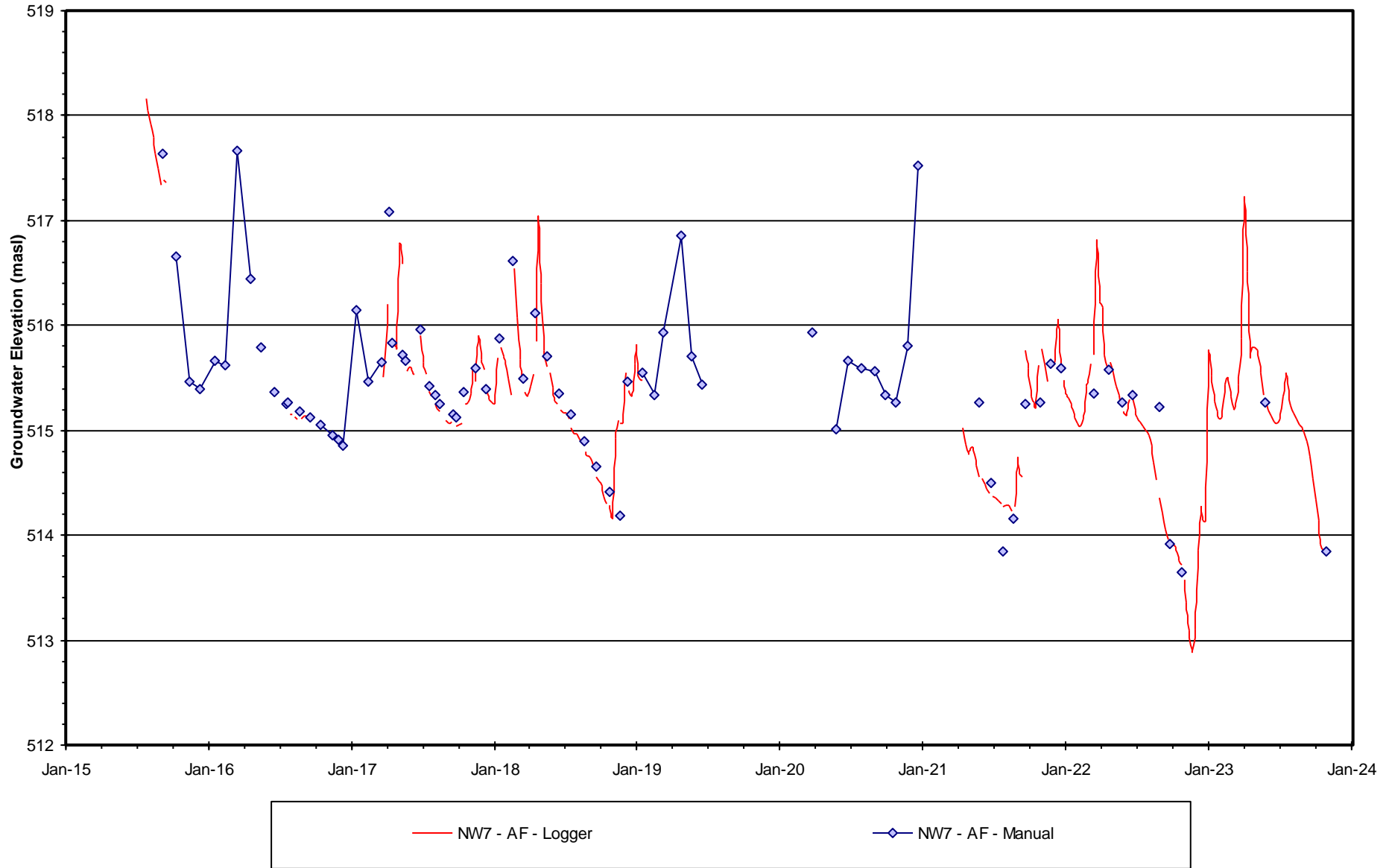


Figure B-28 Groundwater Hydrograph

NW8

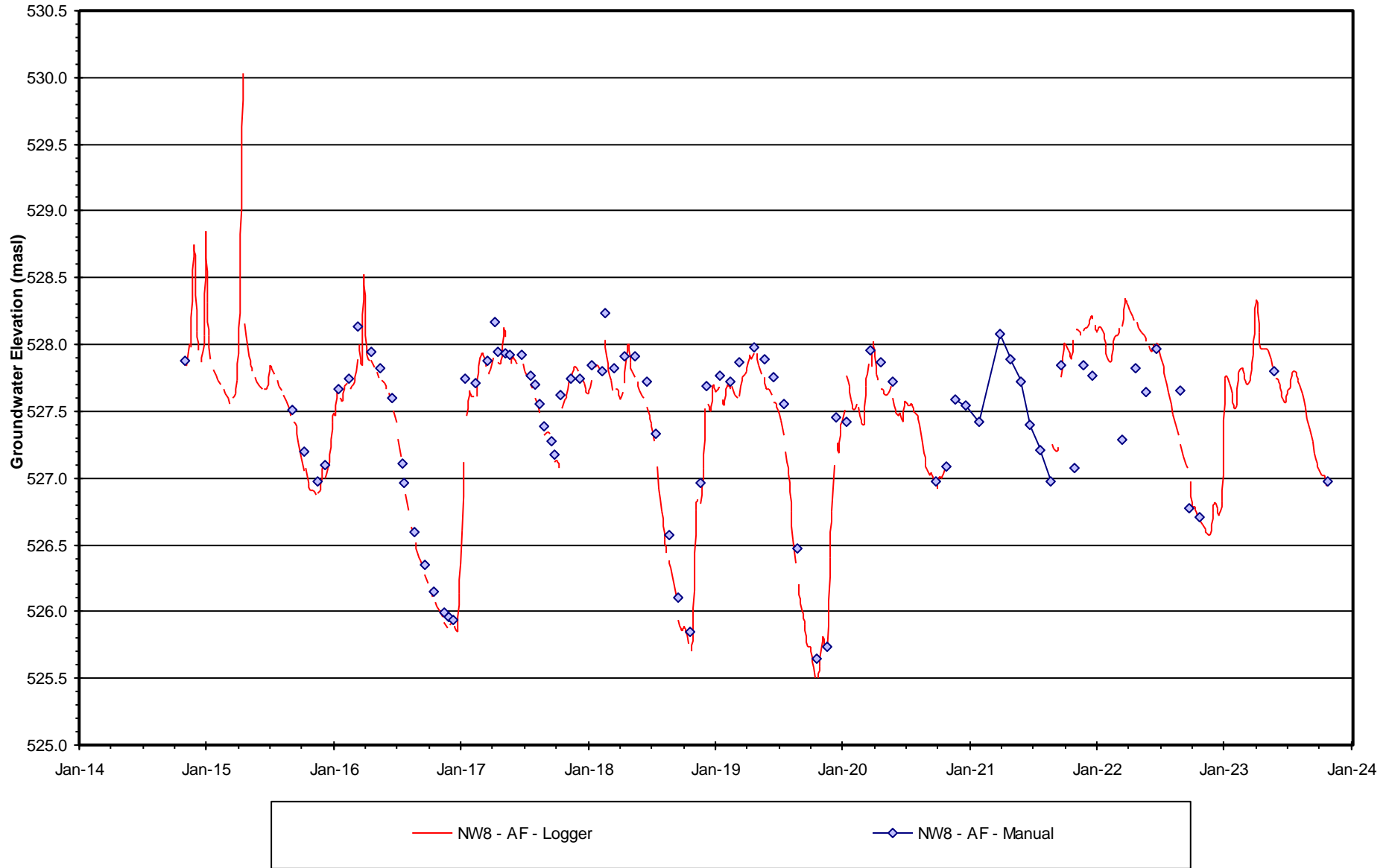


Figure B-29 Groundwater Hydrograph

NW9

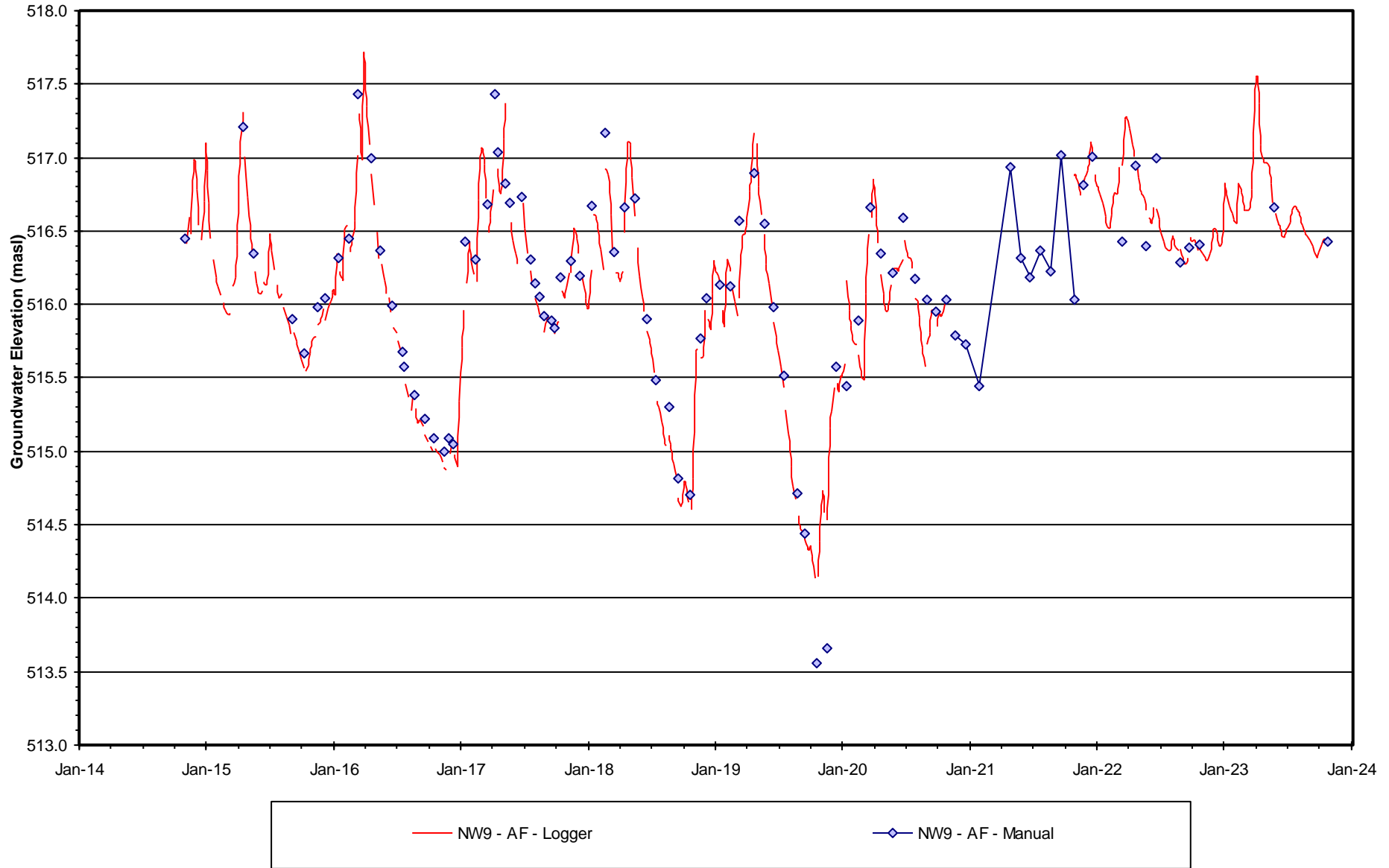


Figure B-30a Groundwater Hydrograph
Nest NW10 - Overburden

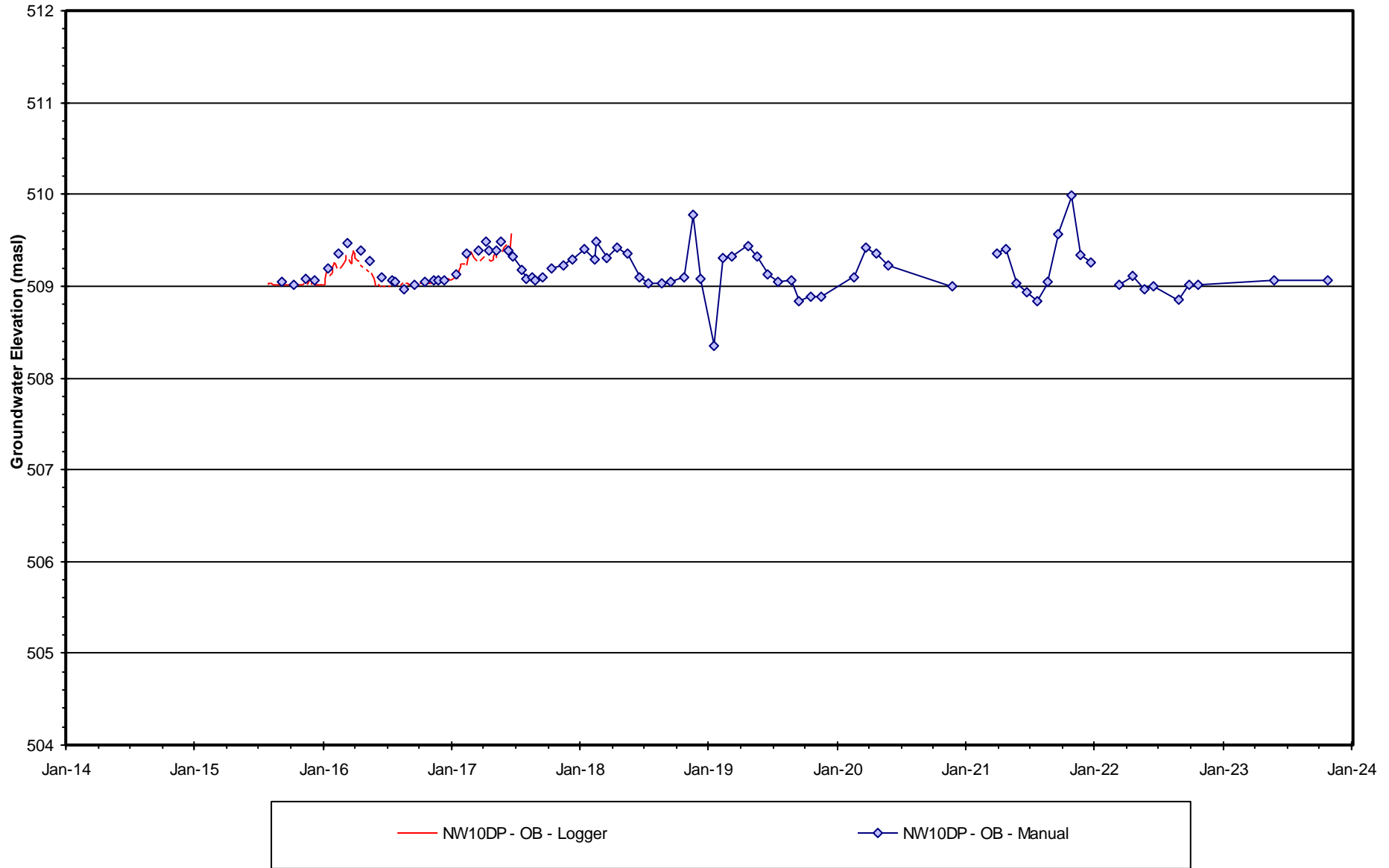


Figure B-30b Groundwater Hydrograph
Nest NW10 - Shallow Amabel Bedrock

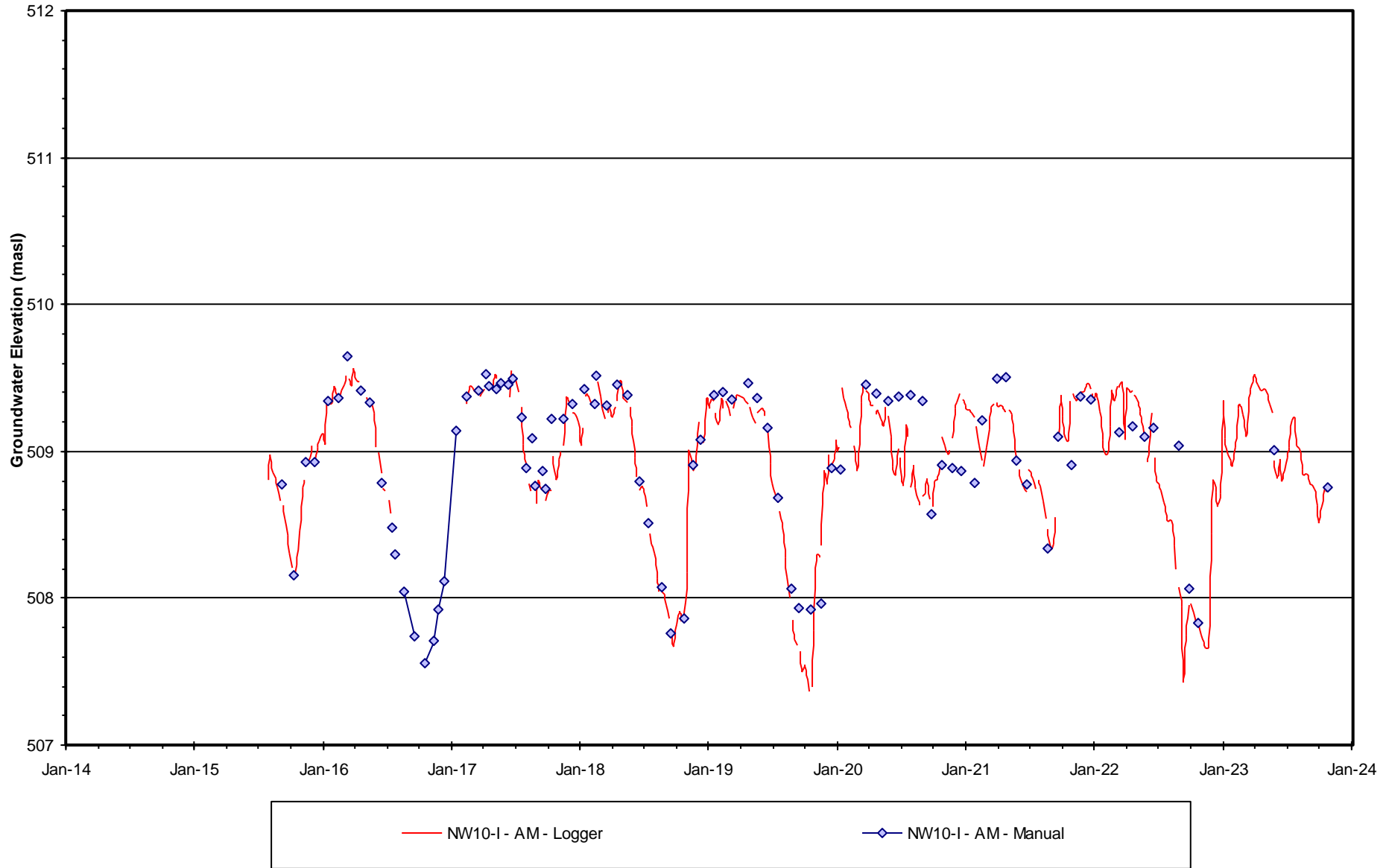


Figure B-30c Groundwater Hydrograph
Nest NW10 - Deep Amabel / Fossil Hill Bedrock

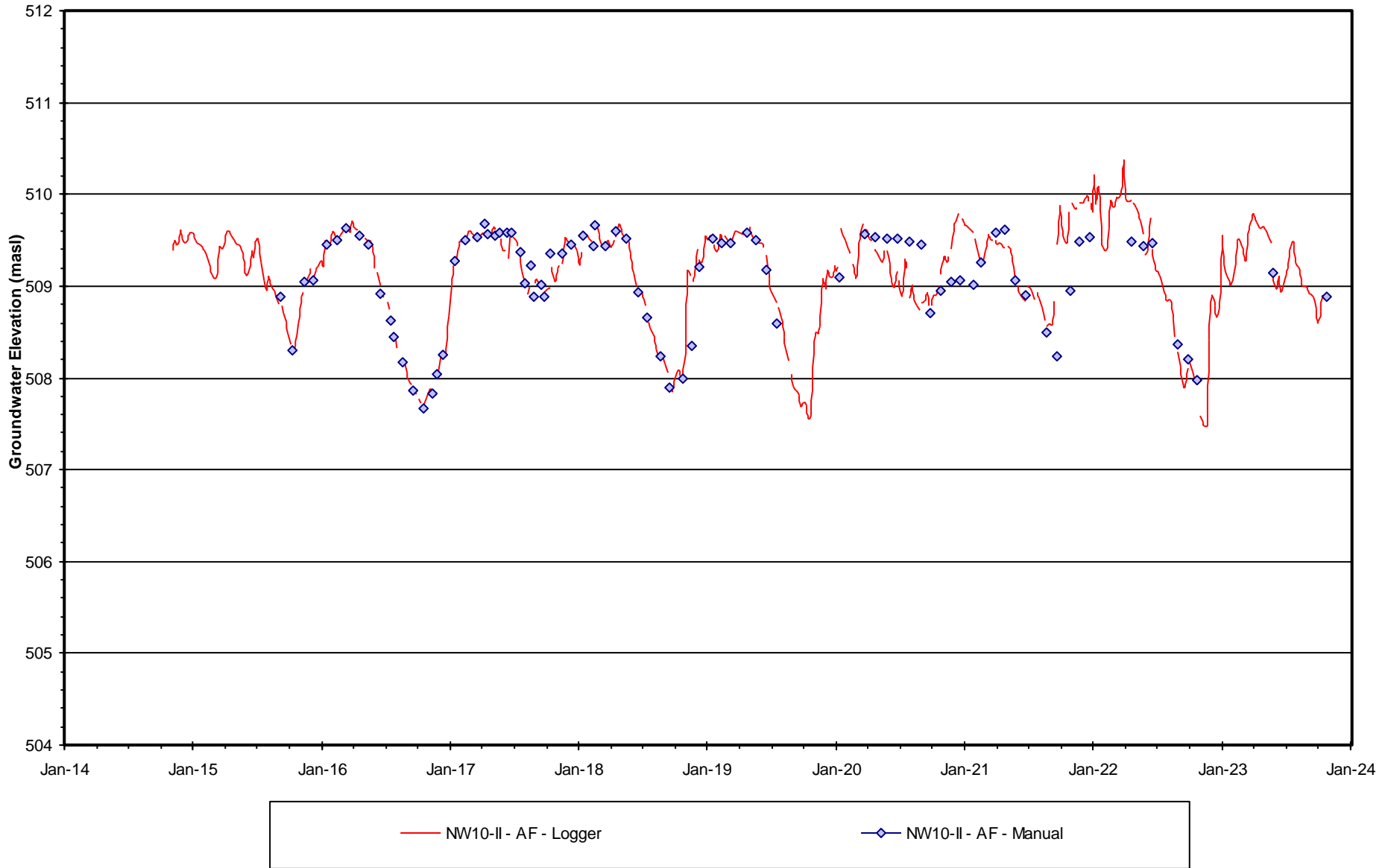


Figure B-31 Groundwater Hydrograph

Nest IW1

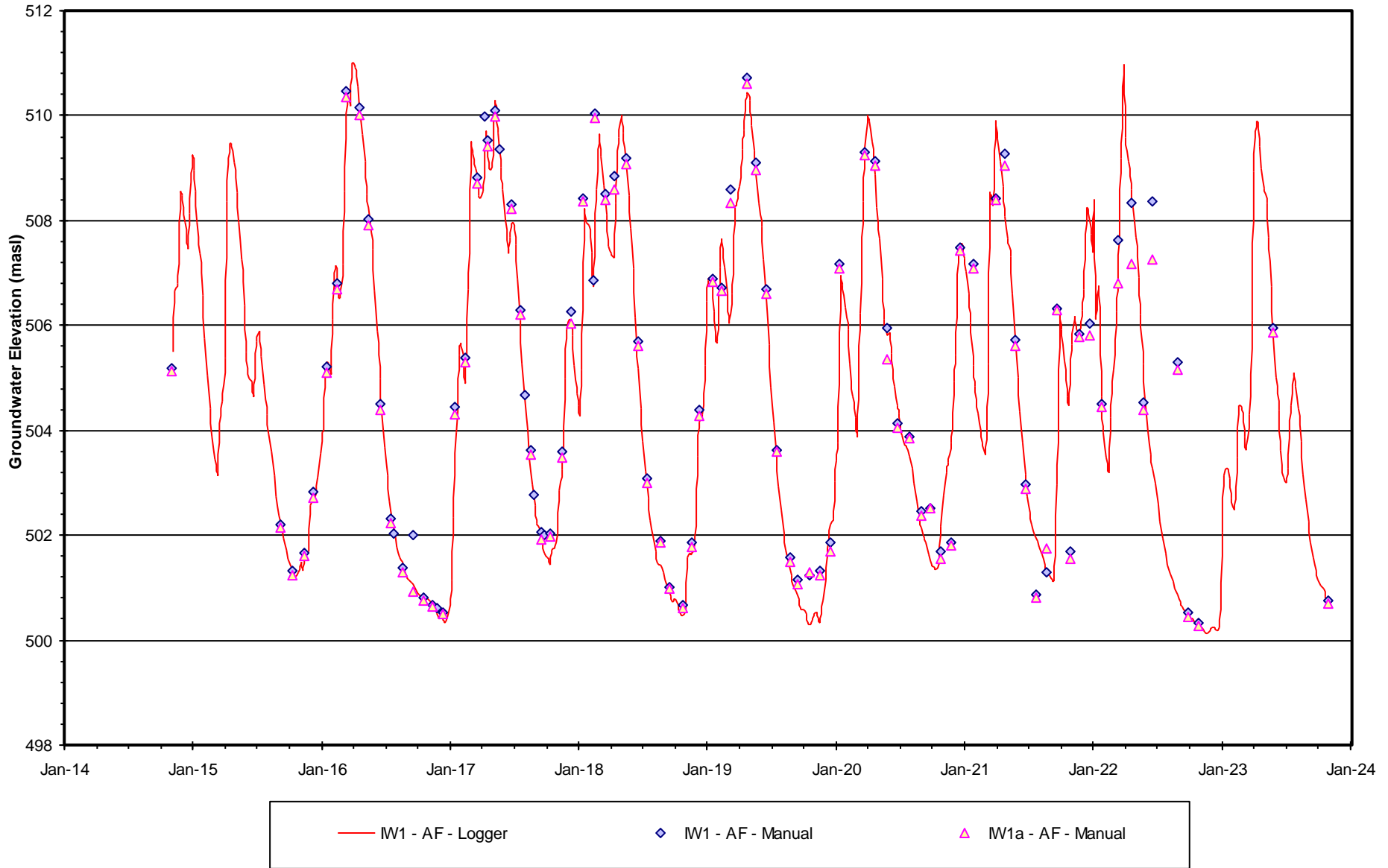


Figure B-32 Groundwater Hydrograph

IW2

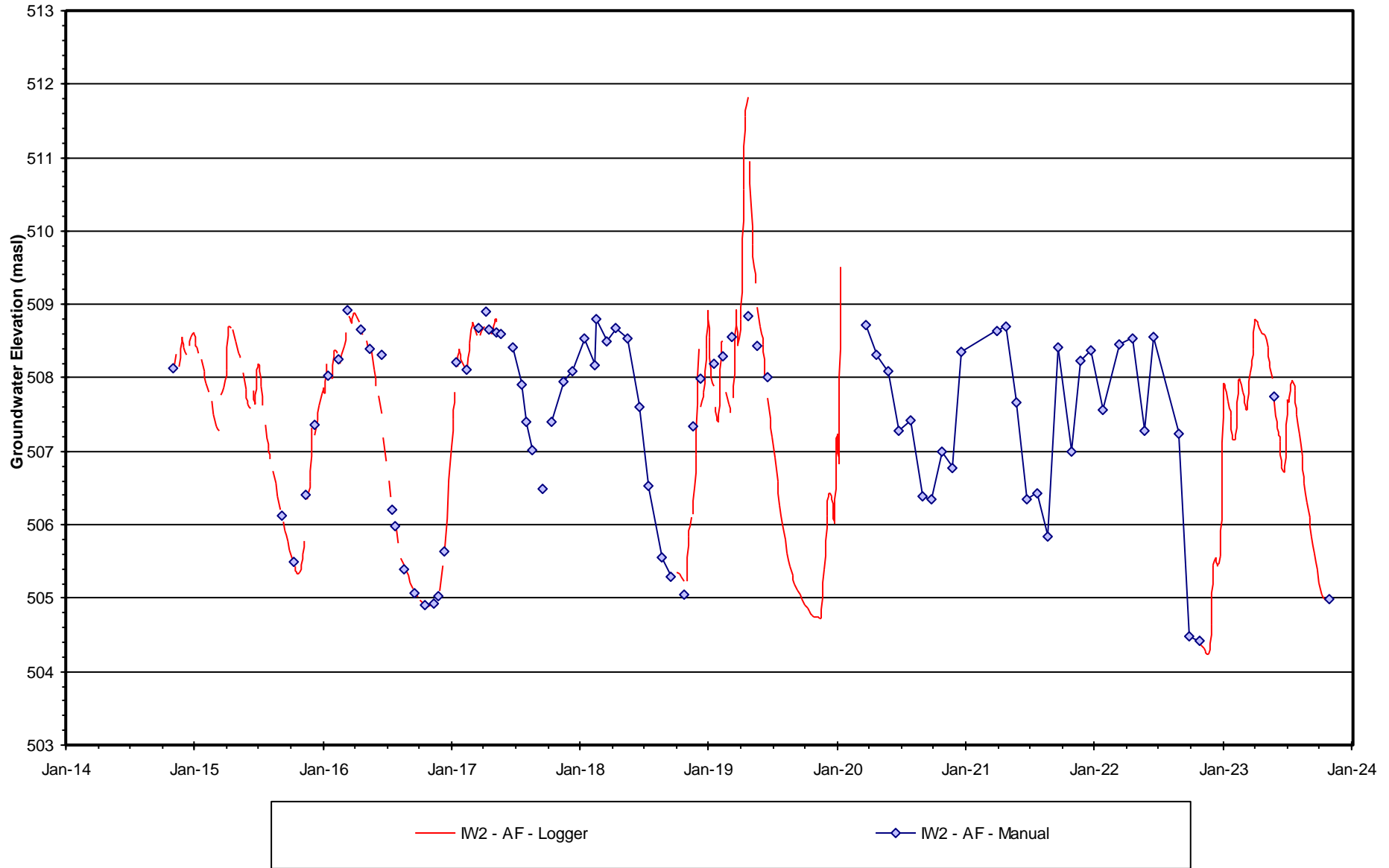


Figure B-33 Groundwater Hydrograph

IW3

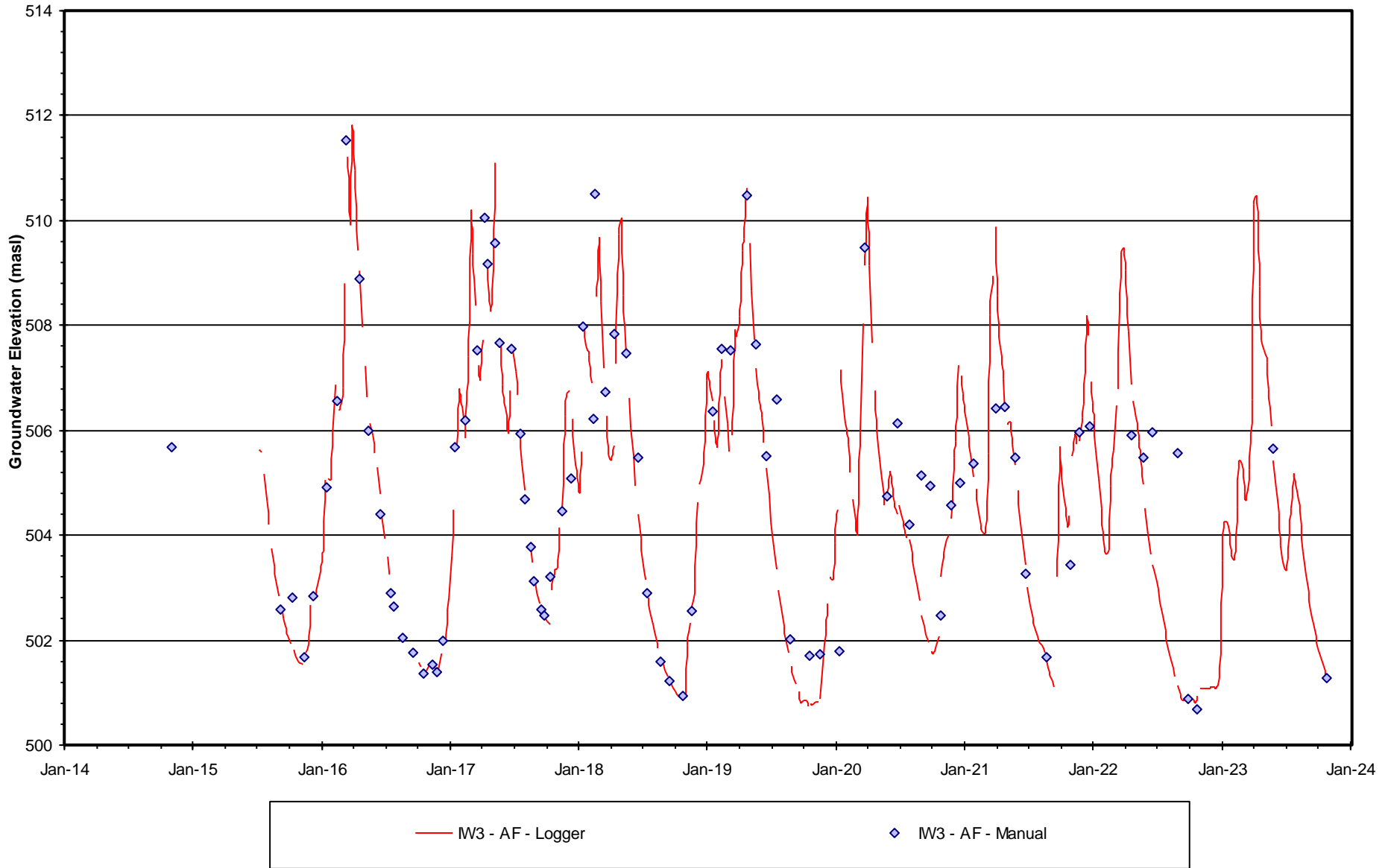


Figure B-34 Groundwater Hydrograph

IW4

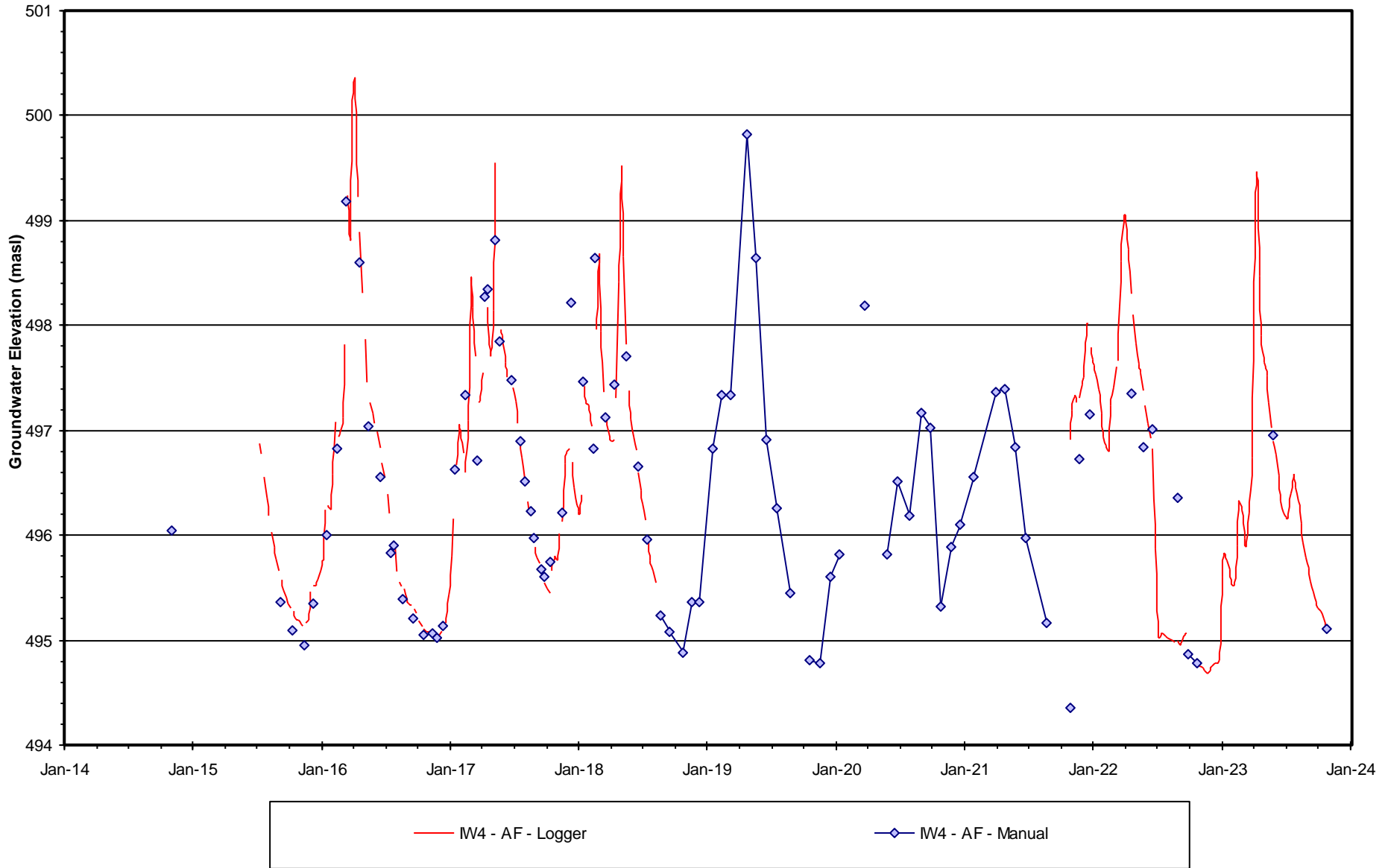


Figure B-35 Groundwater Hydrograph

RW1

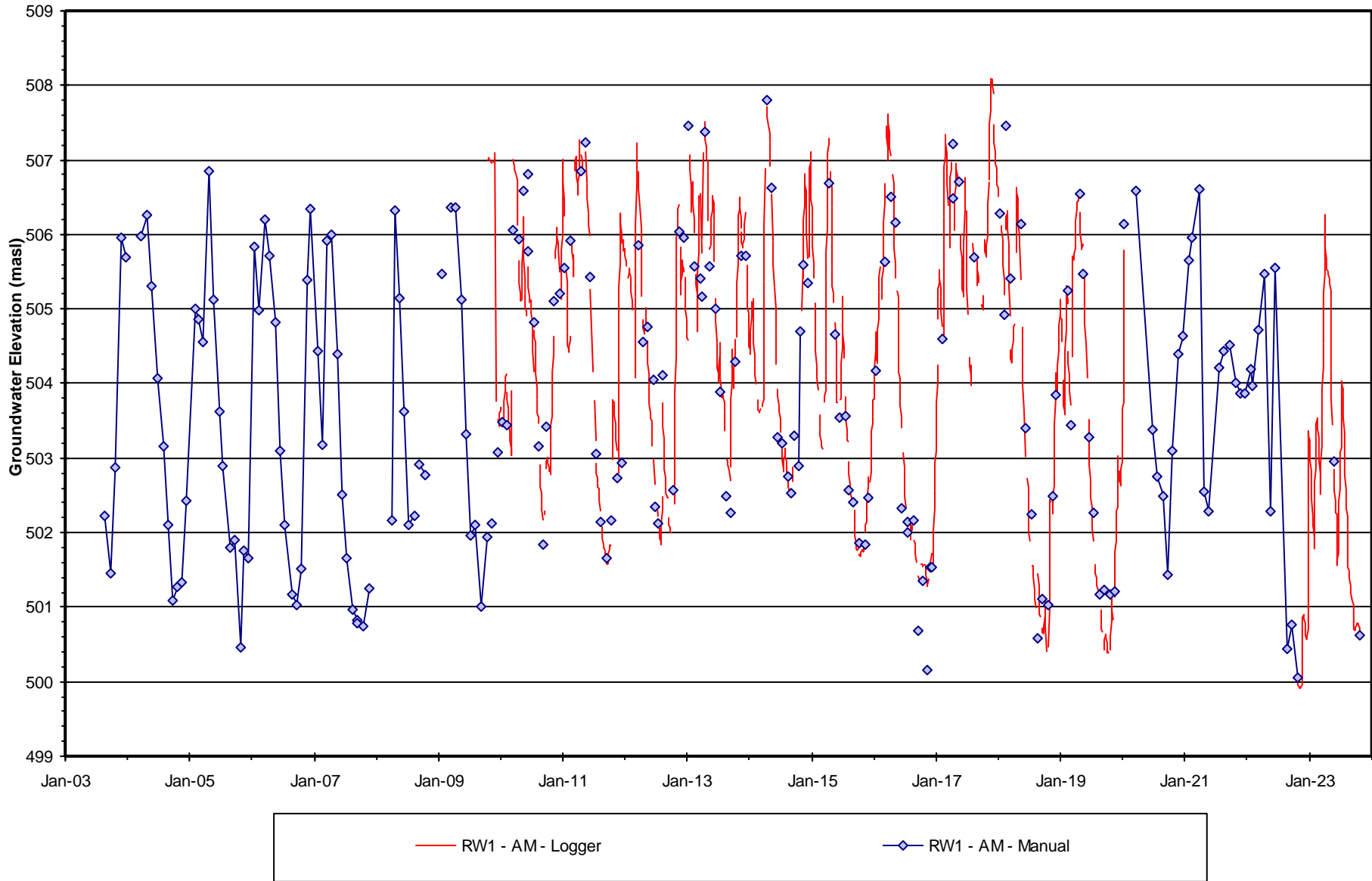


Figure B-36 Groundwater Hydrograph

RW2

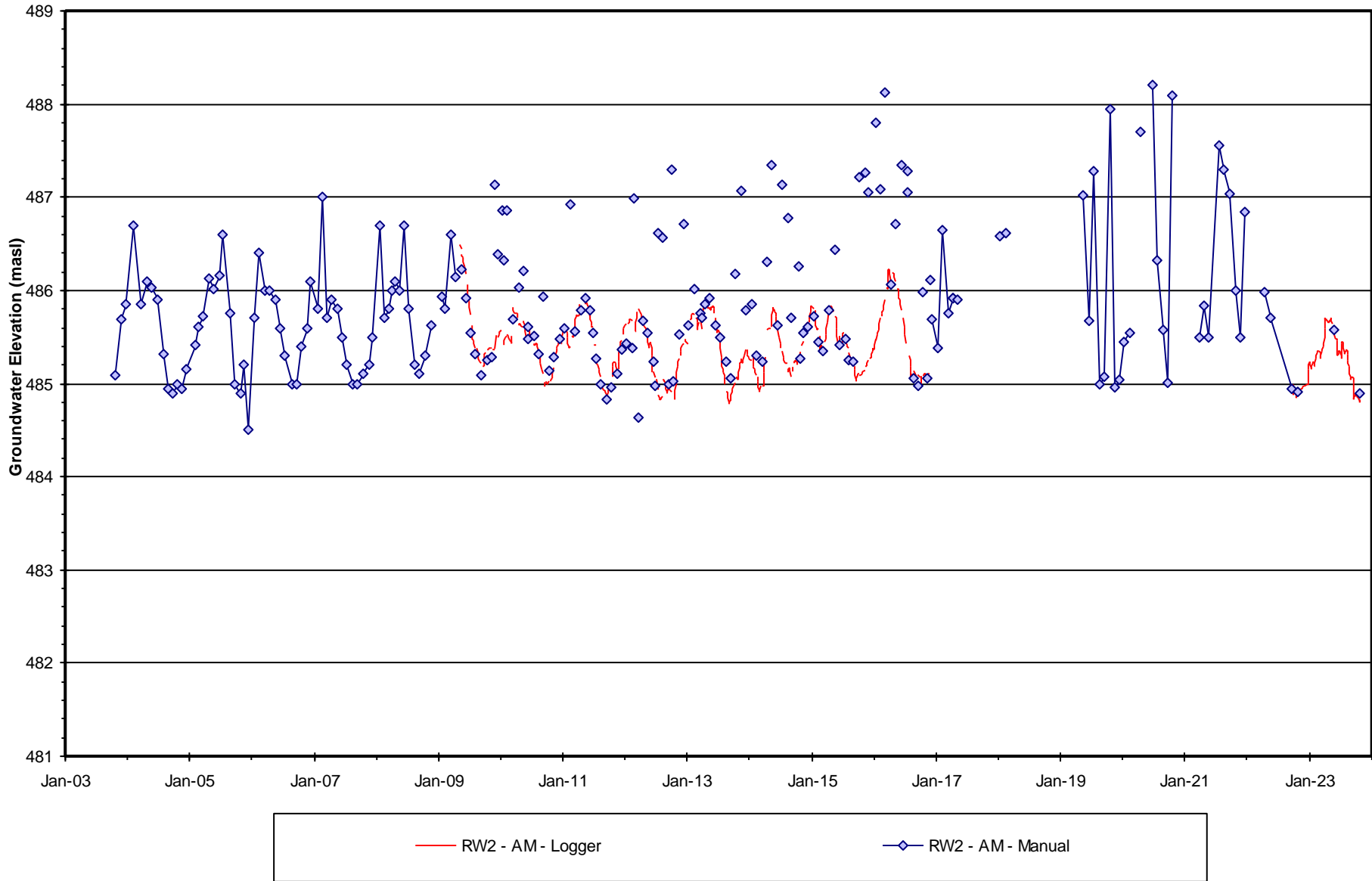


Figure B-37 Groundwater Hydrograph

RW3

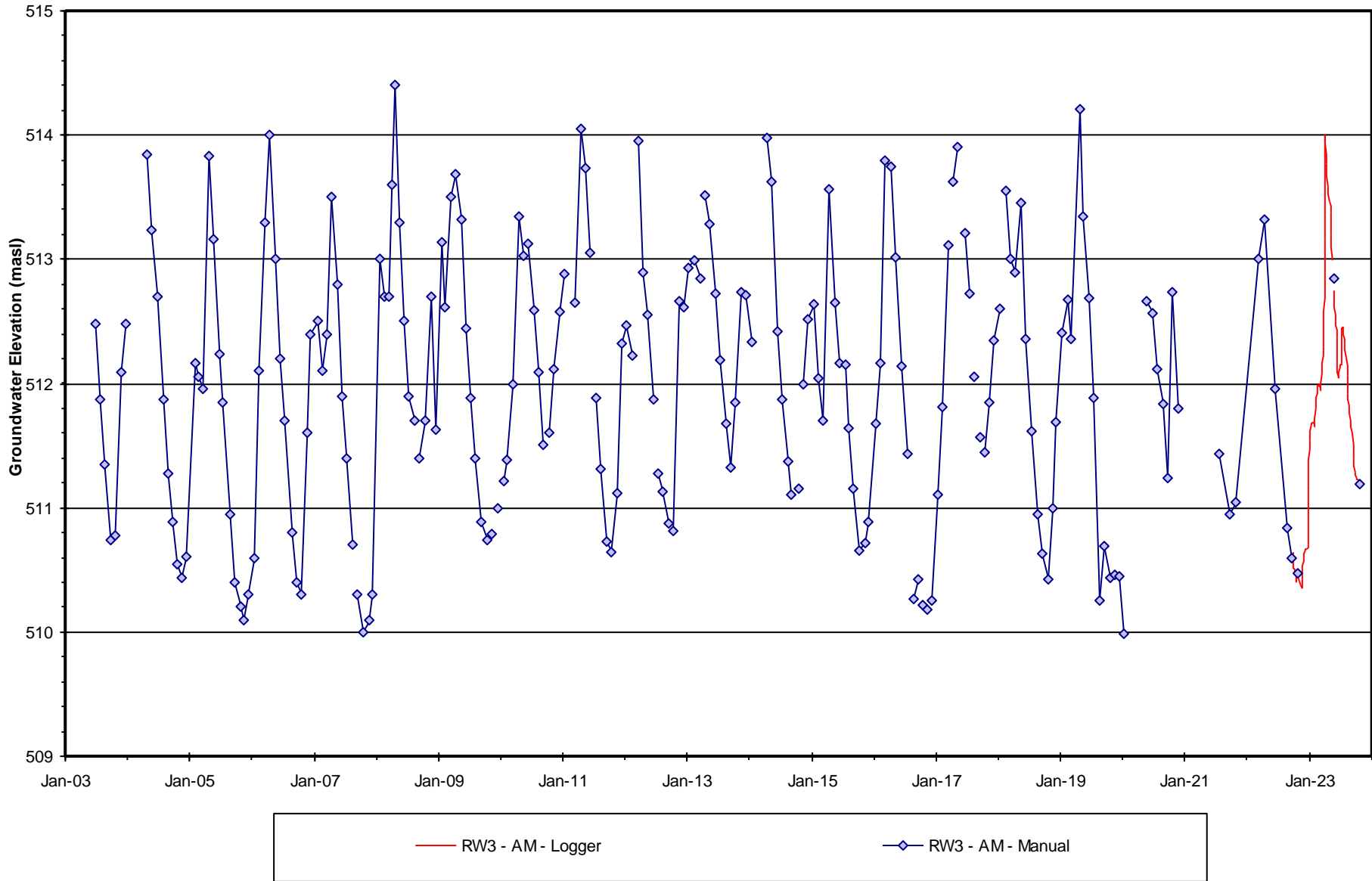


Figure B-38 Groundwater Hydrograph

RW4

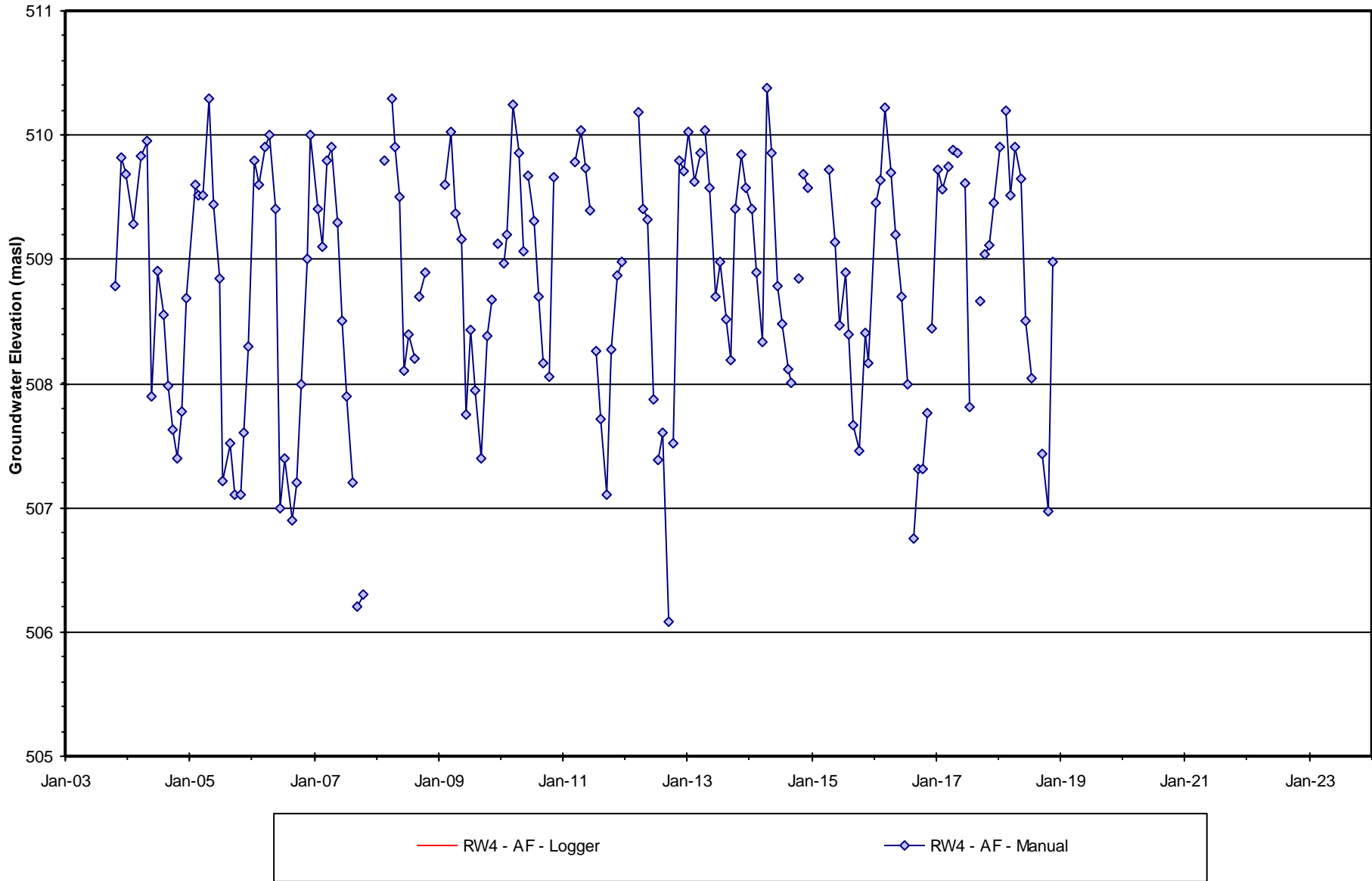


Figure B-39 Groundwater Hydrograph

RW5

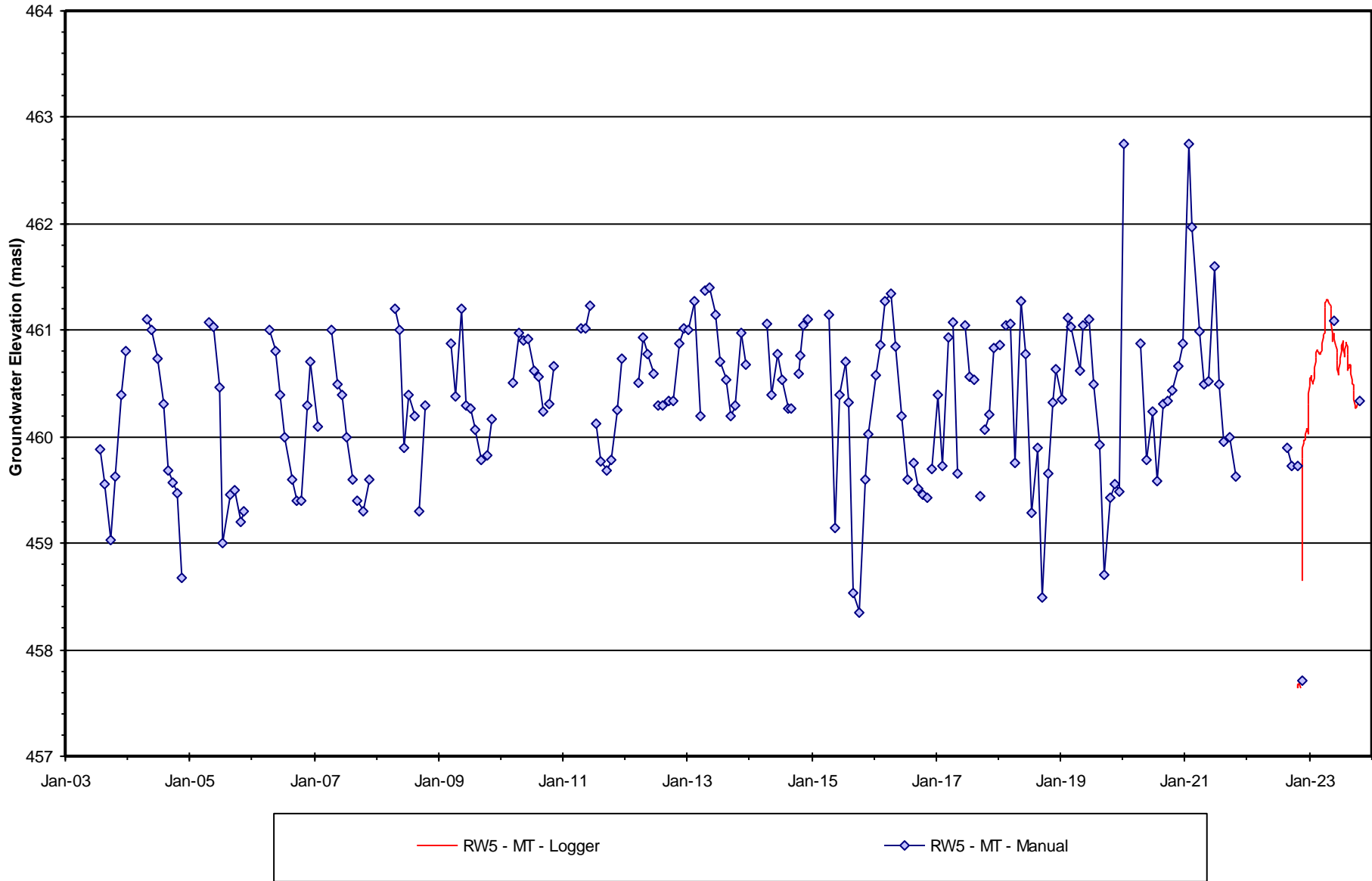


Figure B-40 Groundwater Hydrograph

RW6

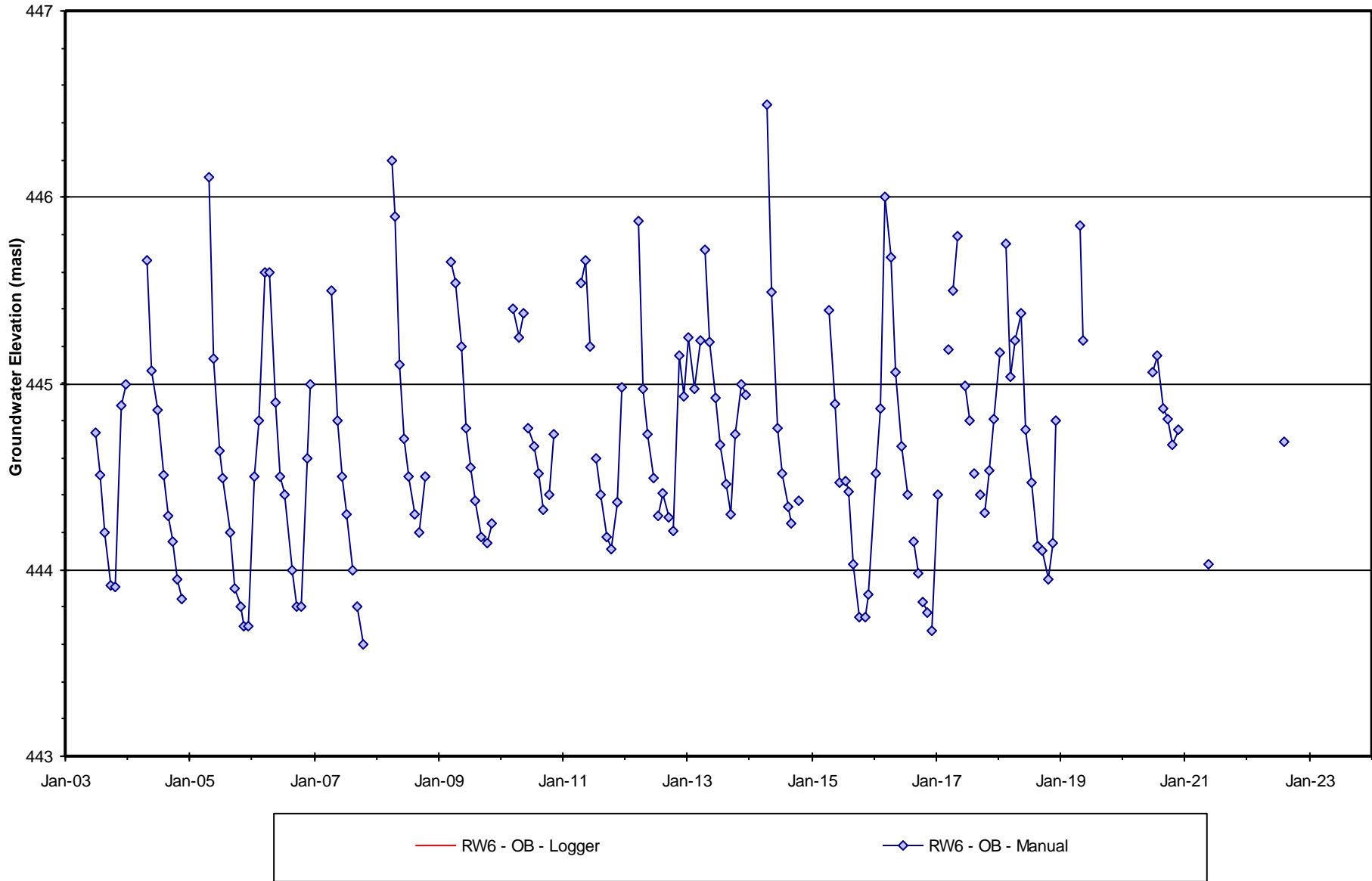


Figure B-41 Groundwater Hydrograph

RW7

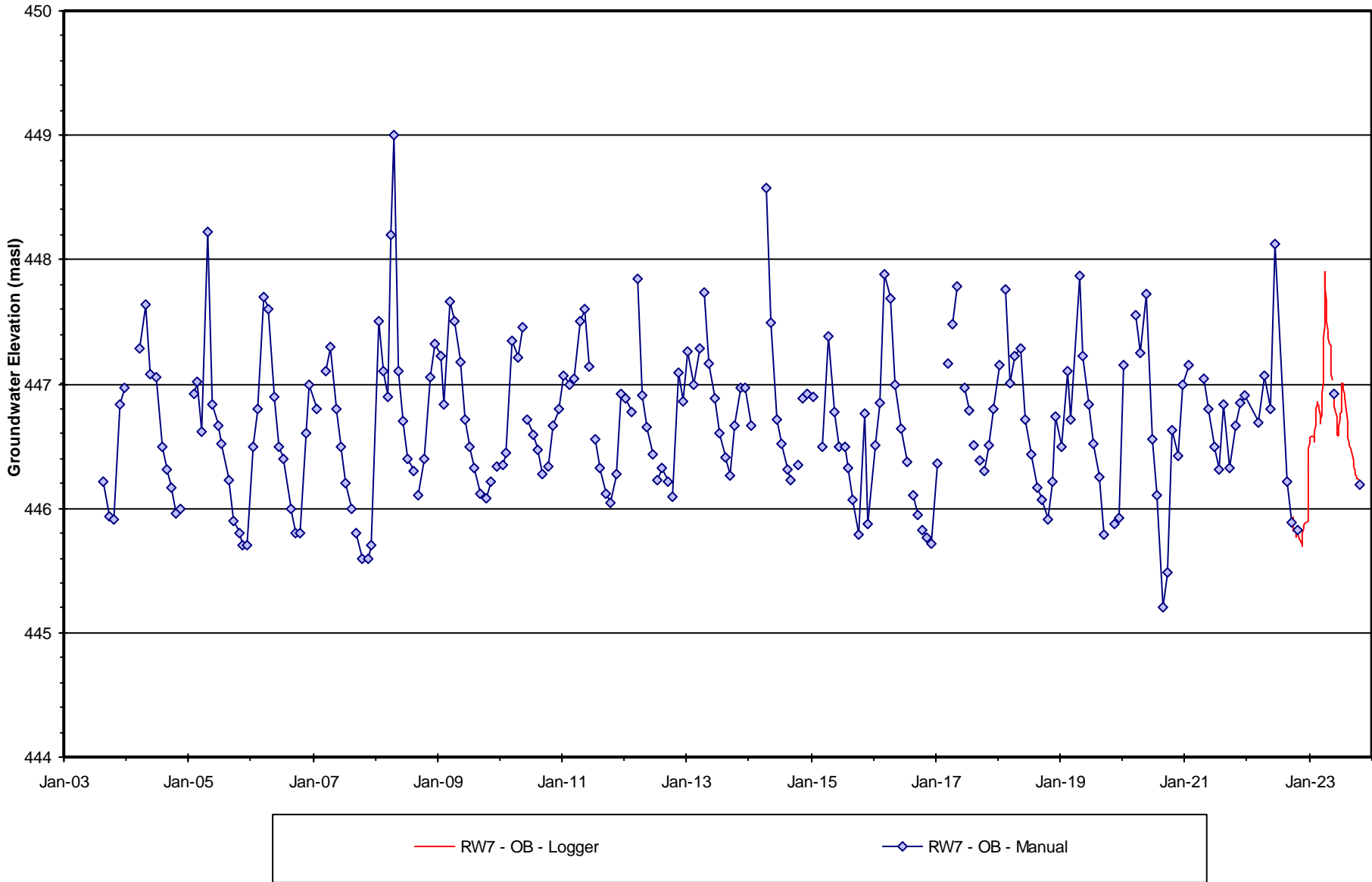


Figure B-42 Groundwater Hydrograph

RW8

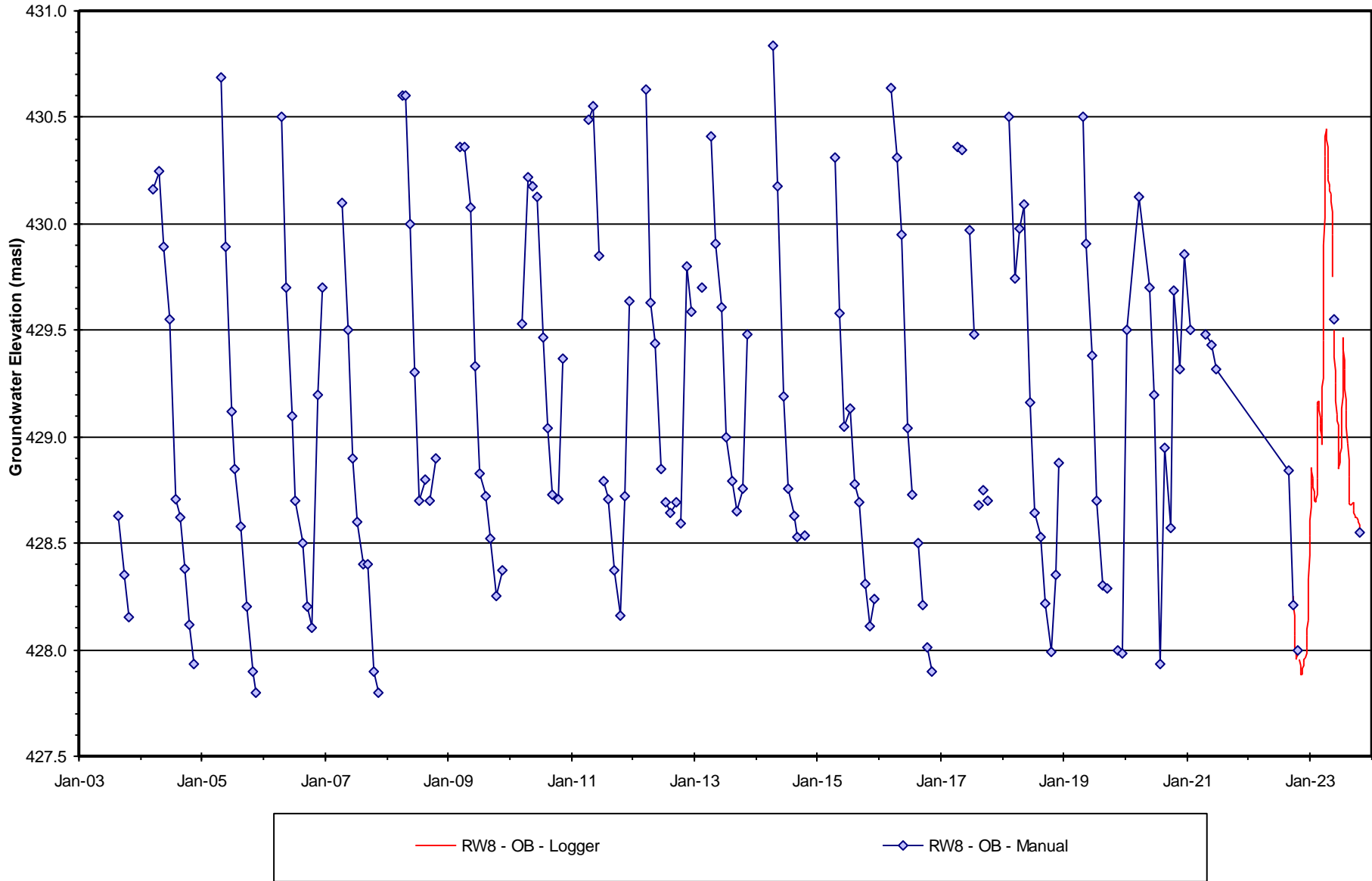


Figure B-43 Groundwater Hydrograph

RW9

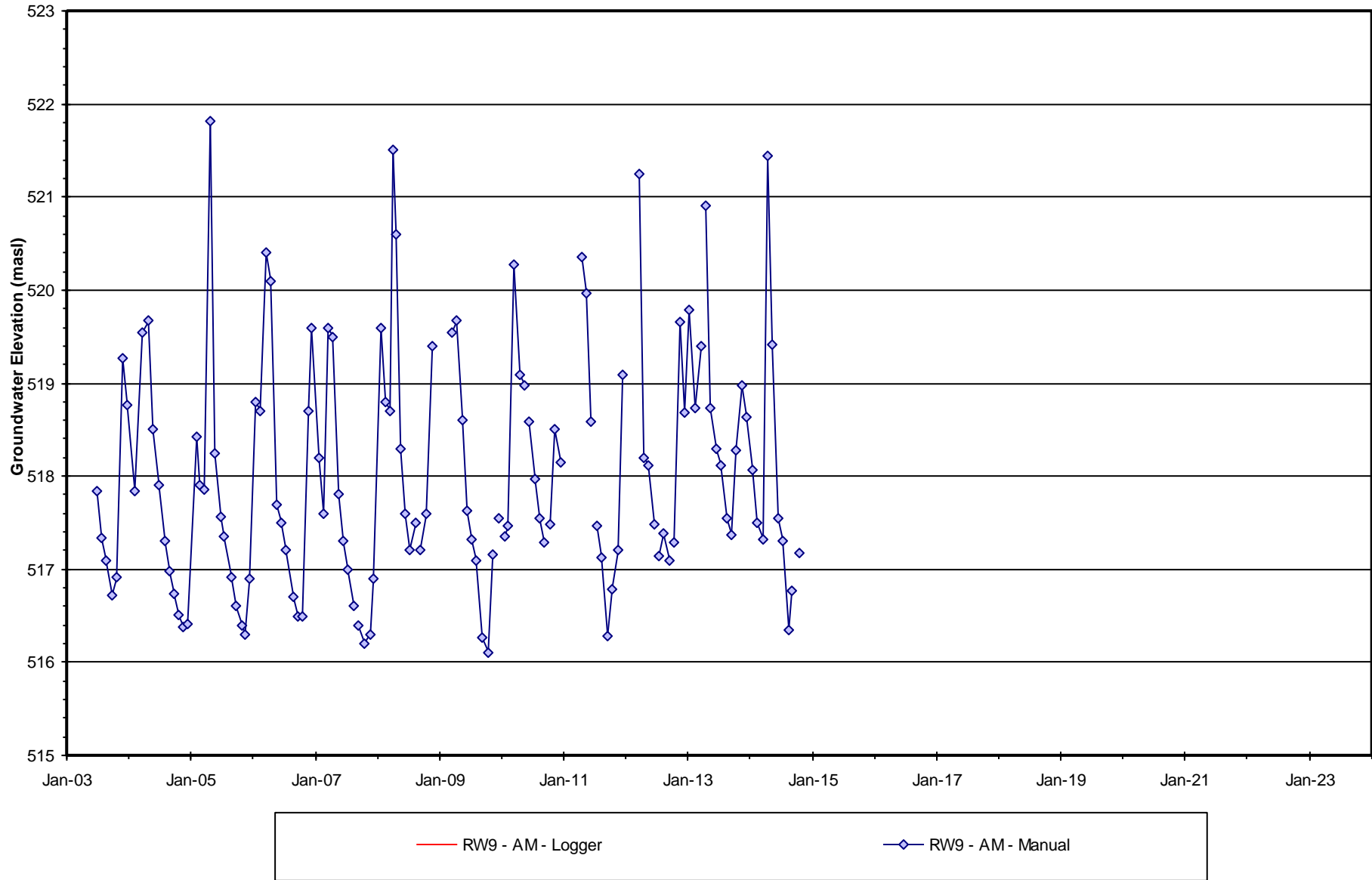


Figure B-44 Groundwater Hydrograph

RW12

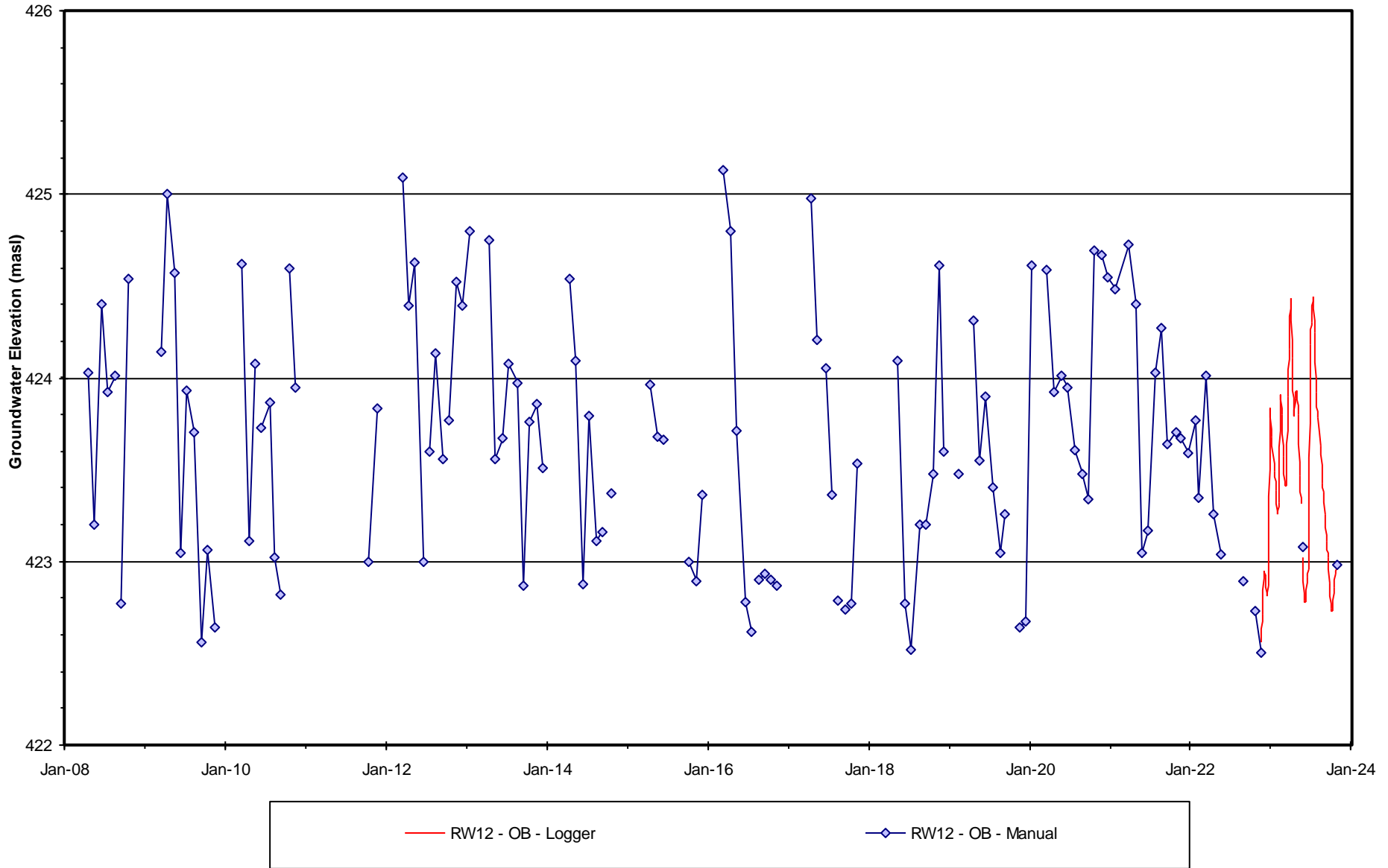


Figure B-45 Groundwater Hydrograph

RW13

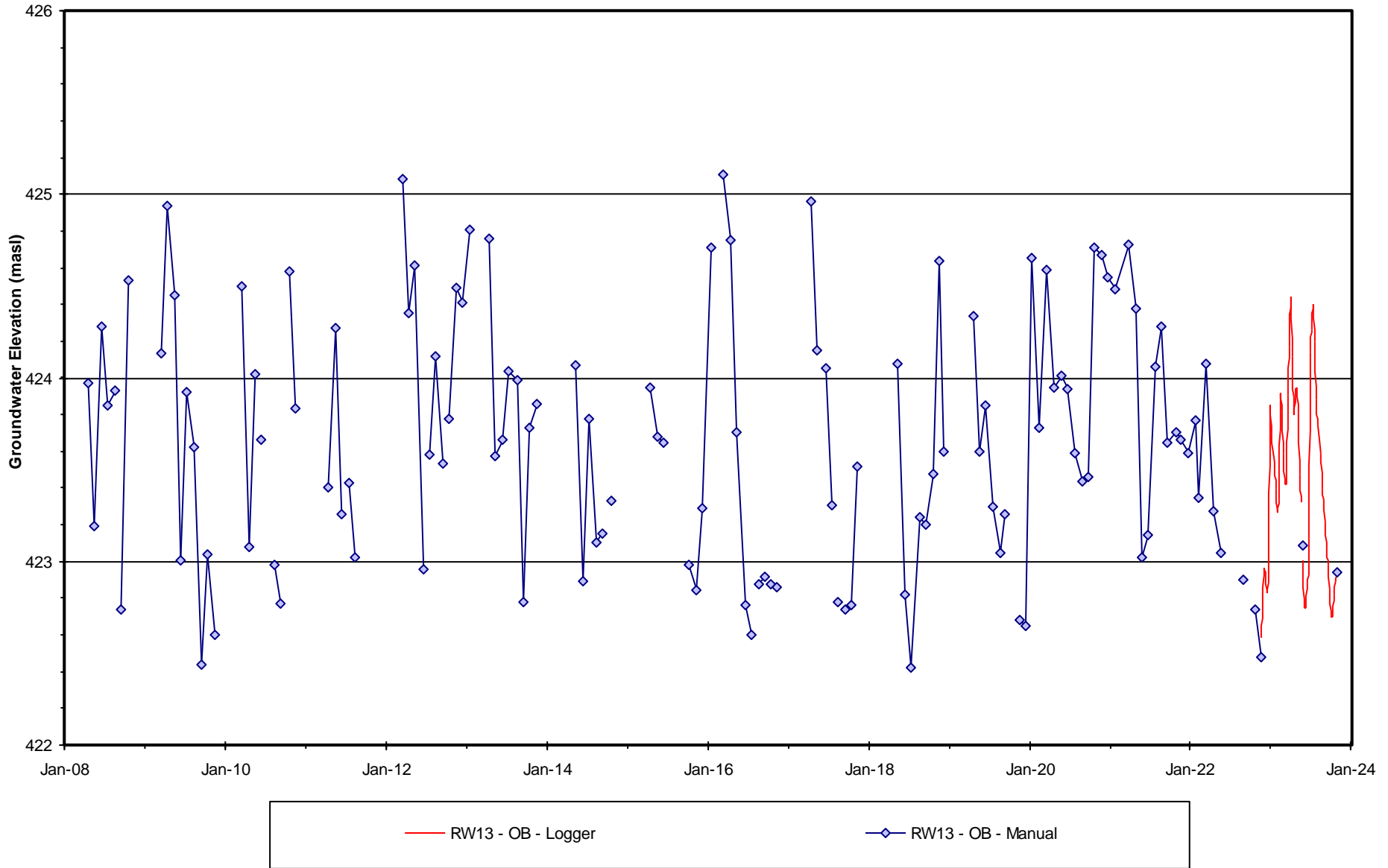


Figure B-46 Groundwater Hydrograph

RW16

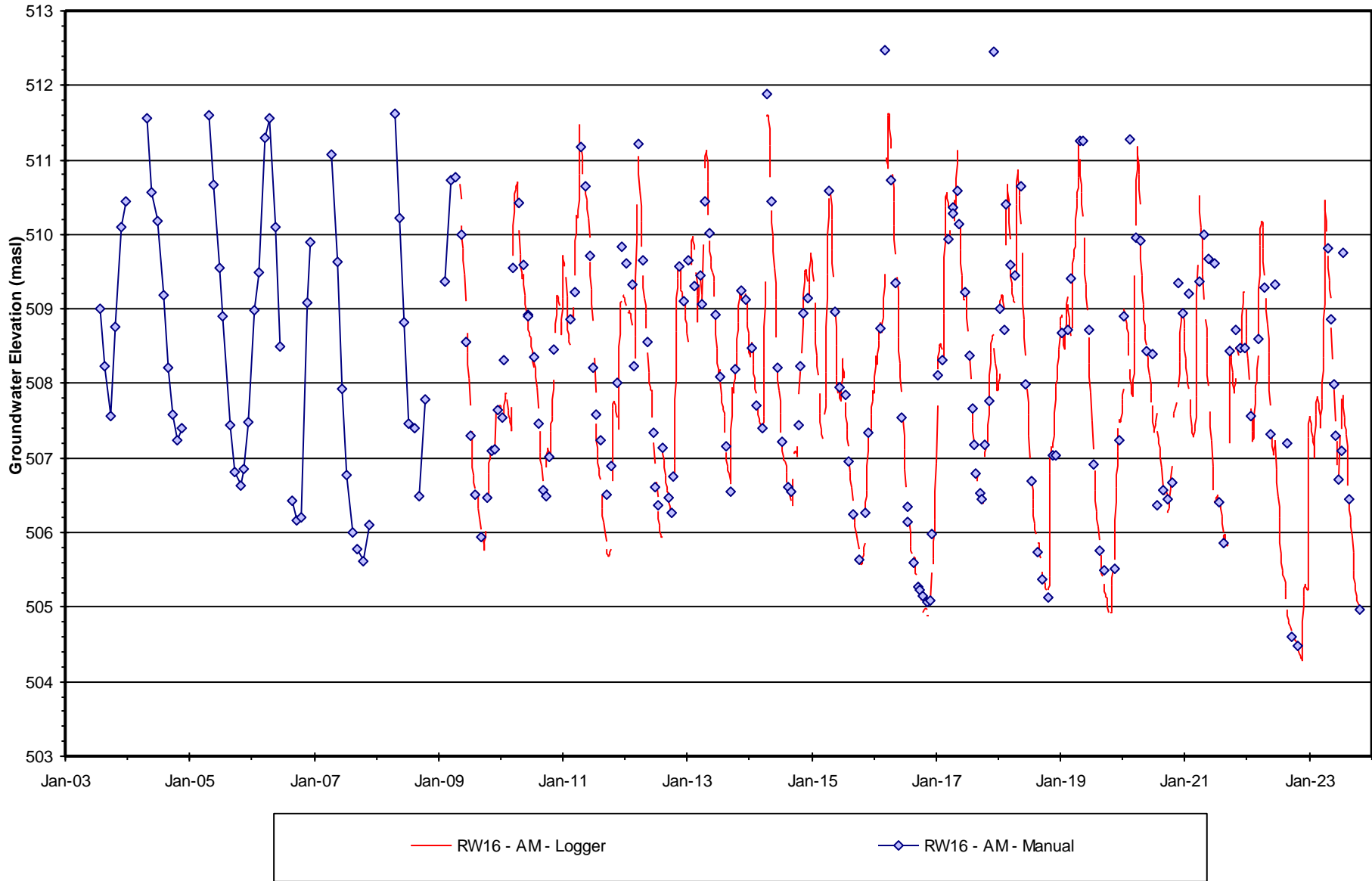


Figure B-47 Groundwater Hydrograph

RW17

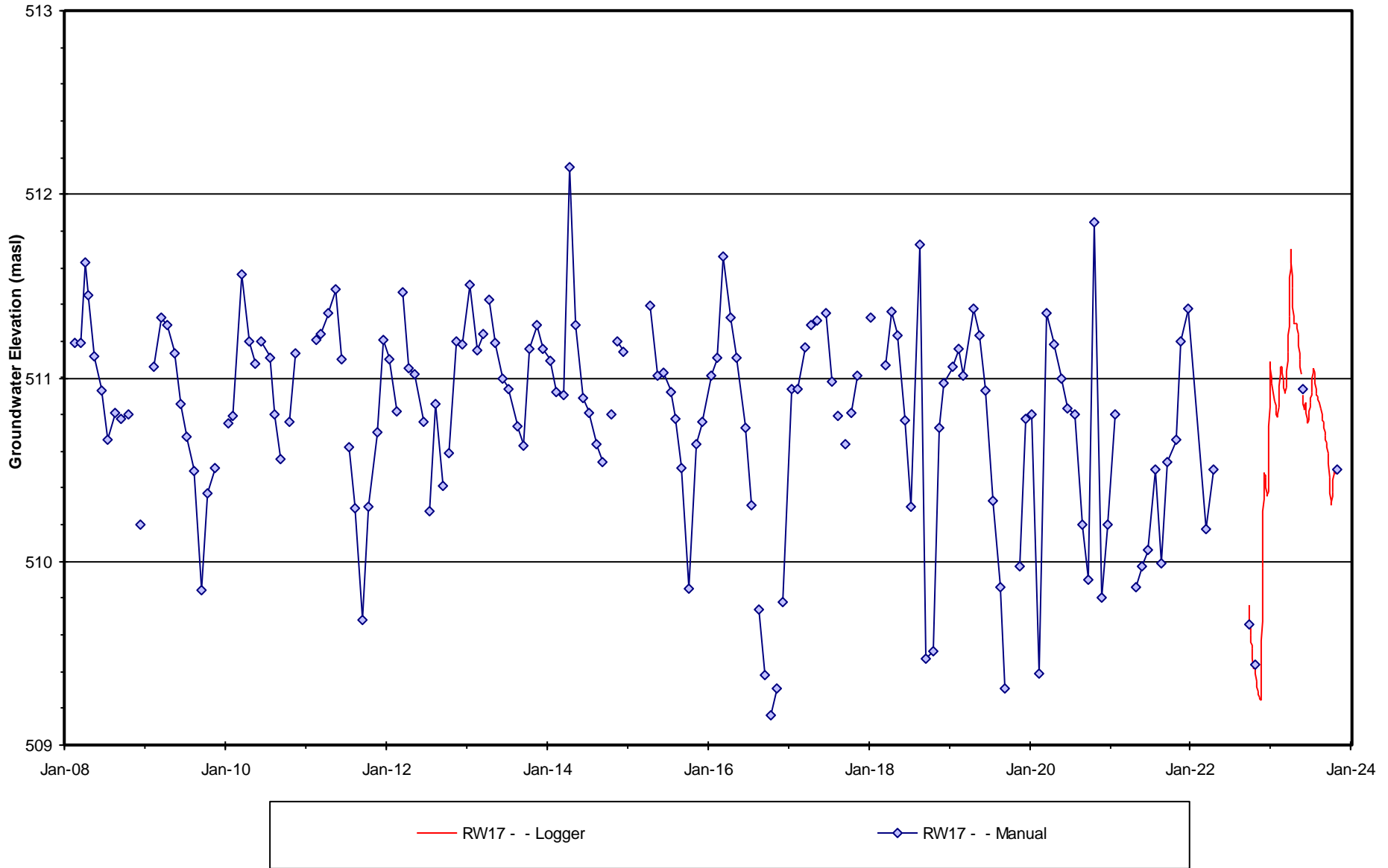


Figure B-48 Groundwater Hydrograph

RW18

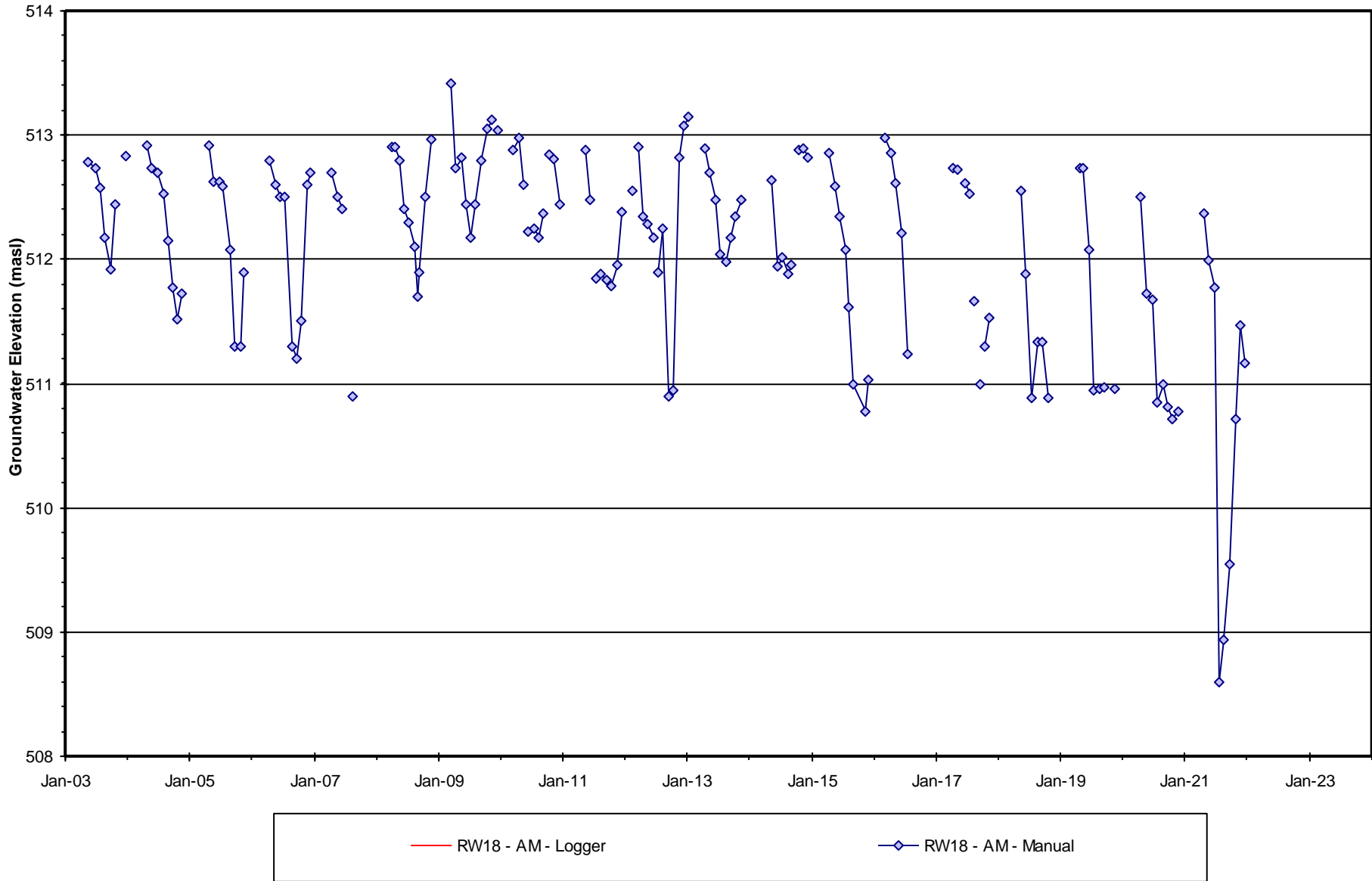


Figure B-49 Groundwater Hydrograph

RW19

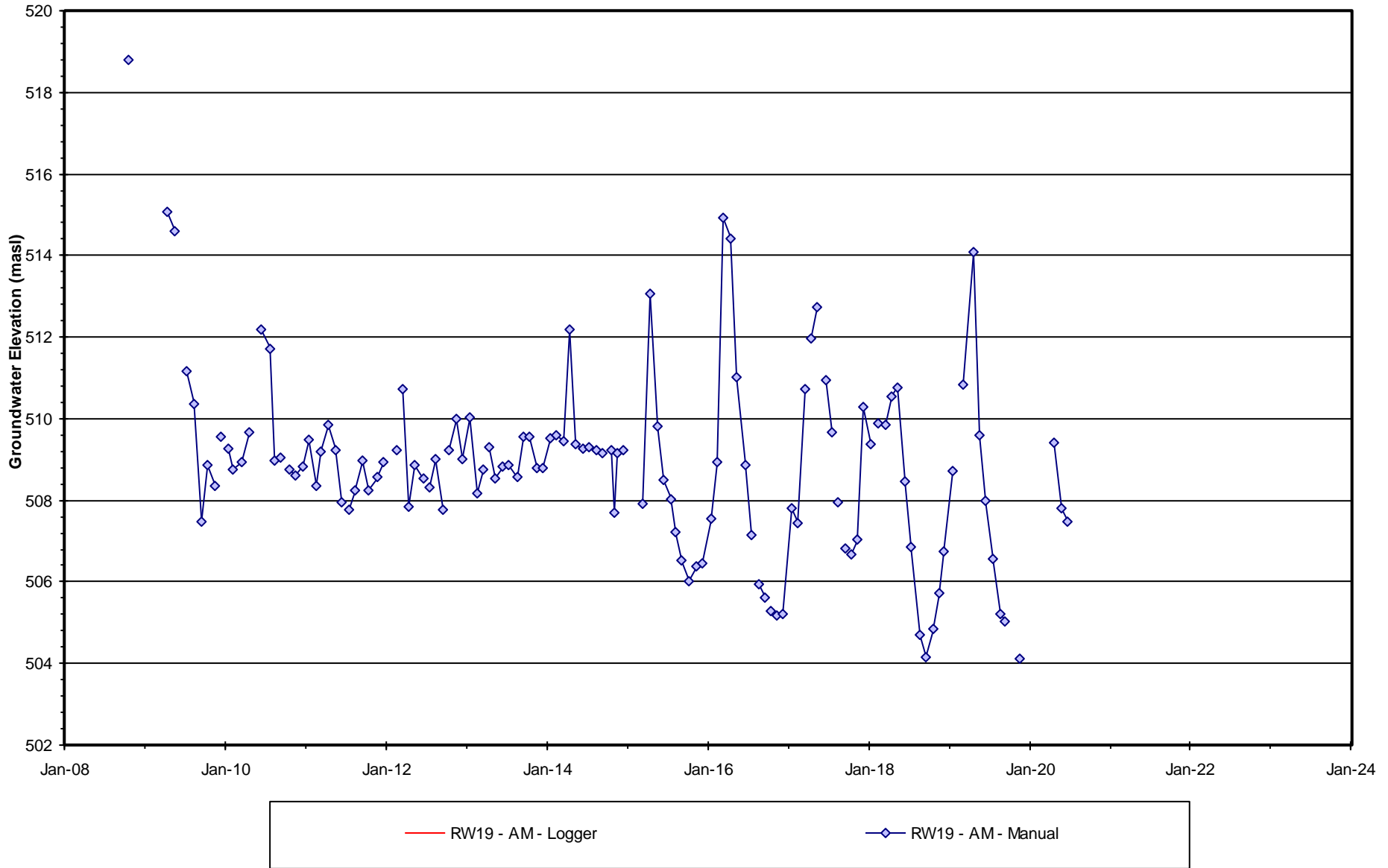


Figure B-50 Groundwater Hydrograph

CLF1

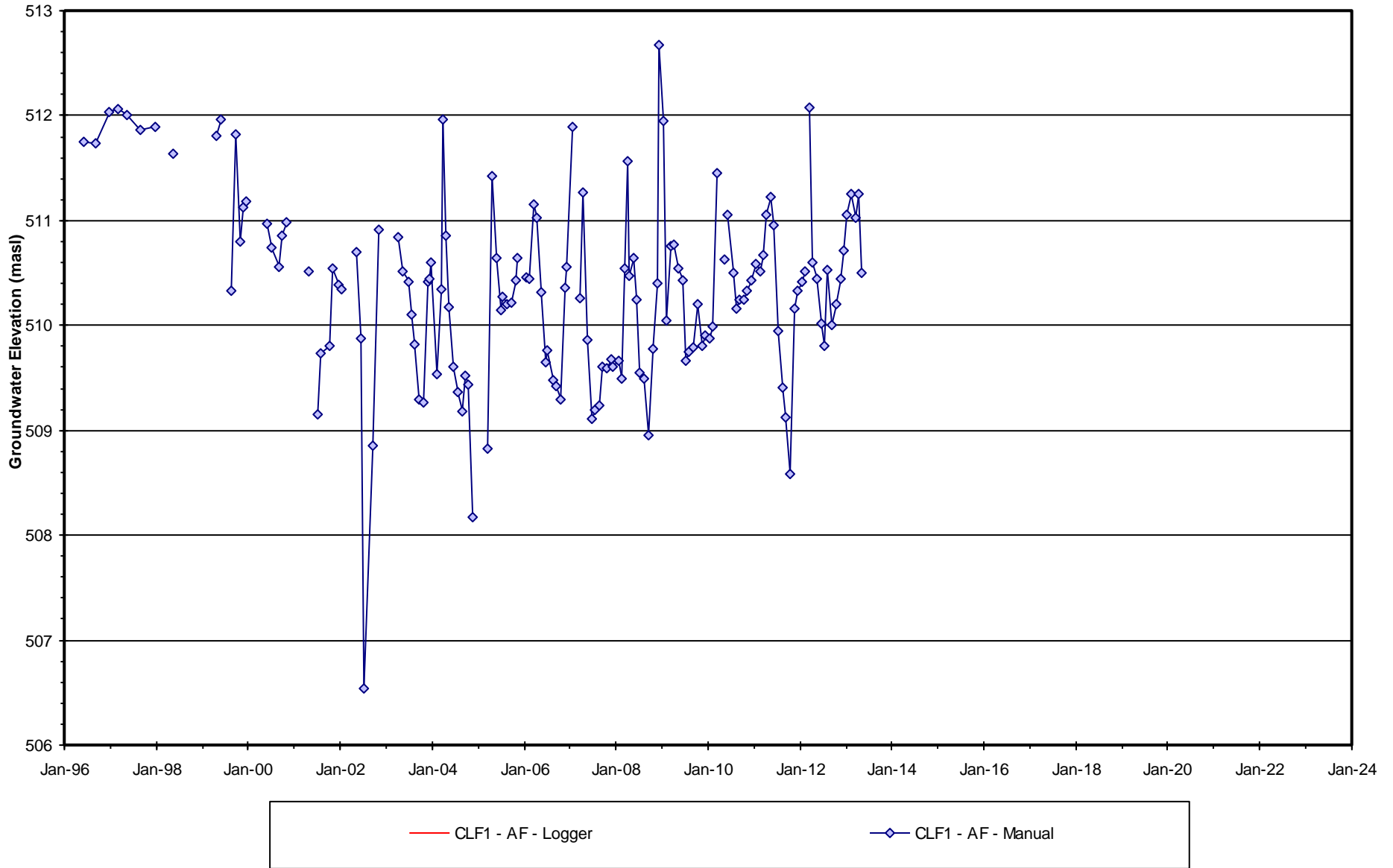


Figure B-51 Groundwater Hydrograph

CLF2

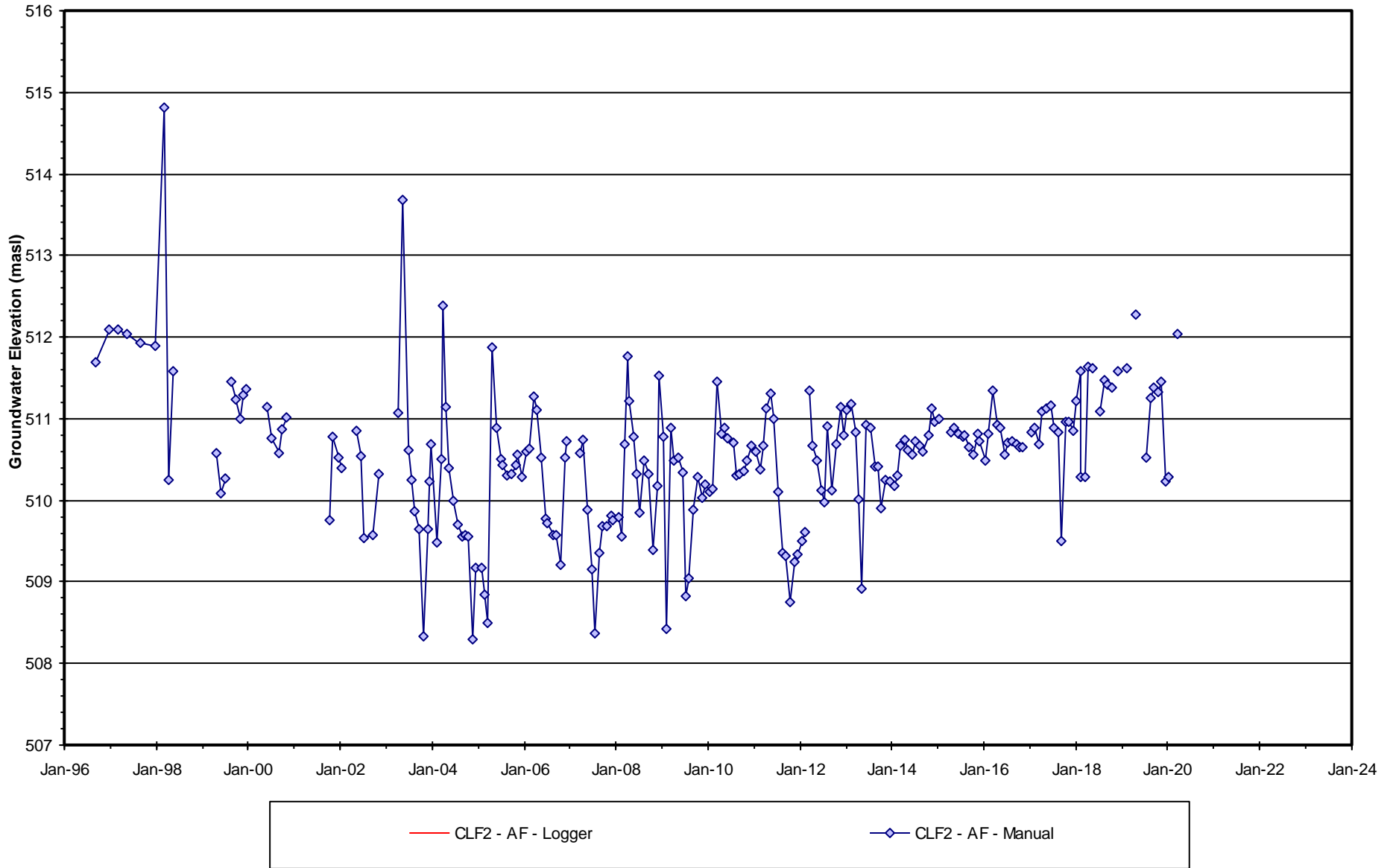


Figure B-52 Groundwater Hydrograph

CLF3

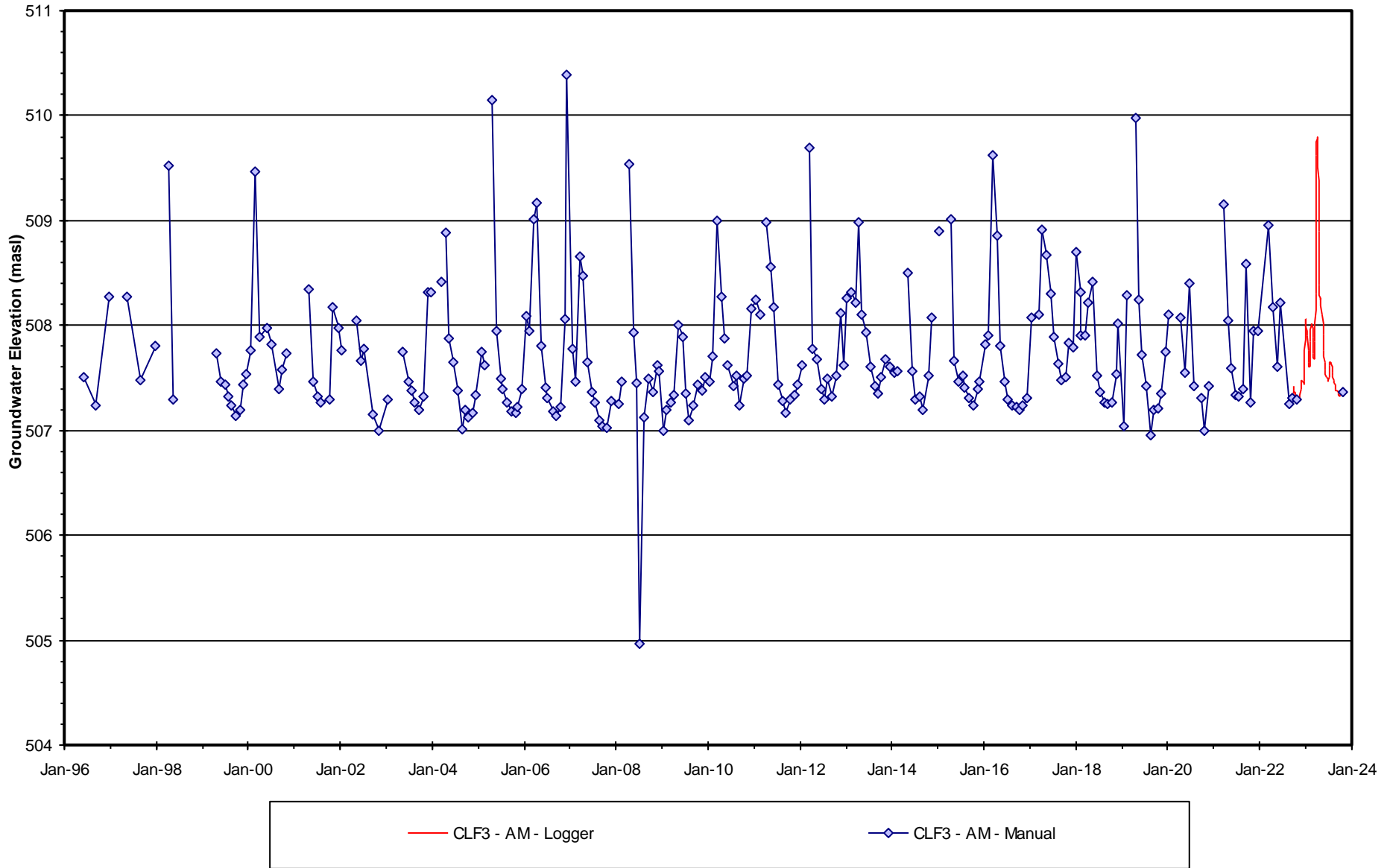


Figure B-53 Groundwater Hydrograph

CLF4

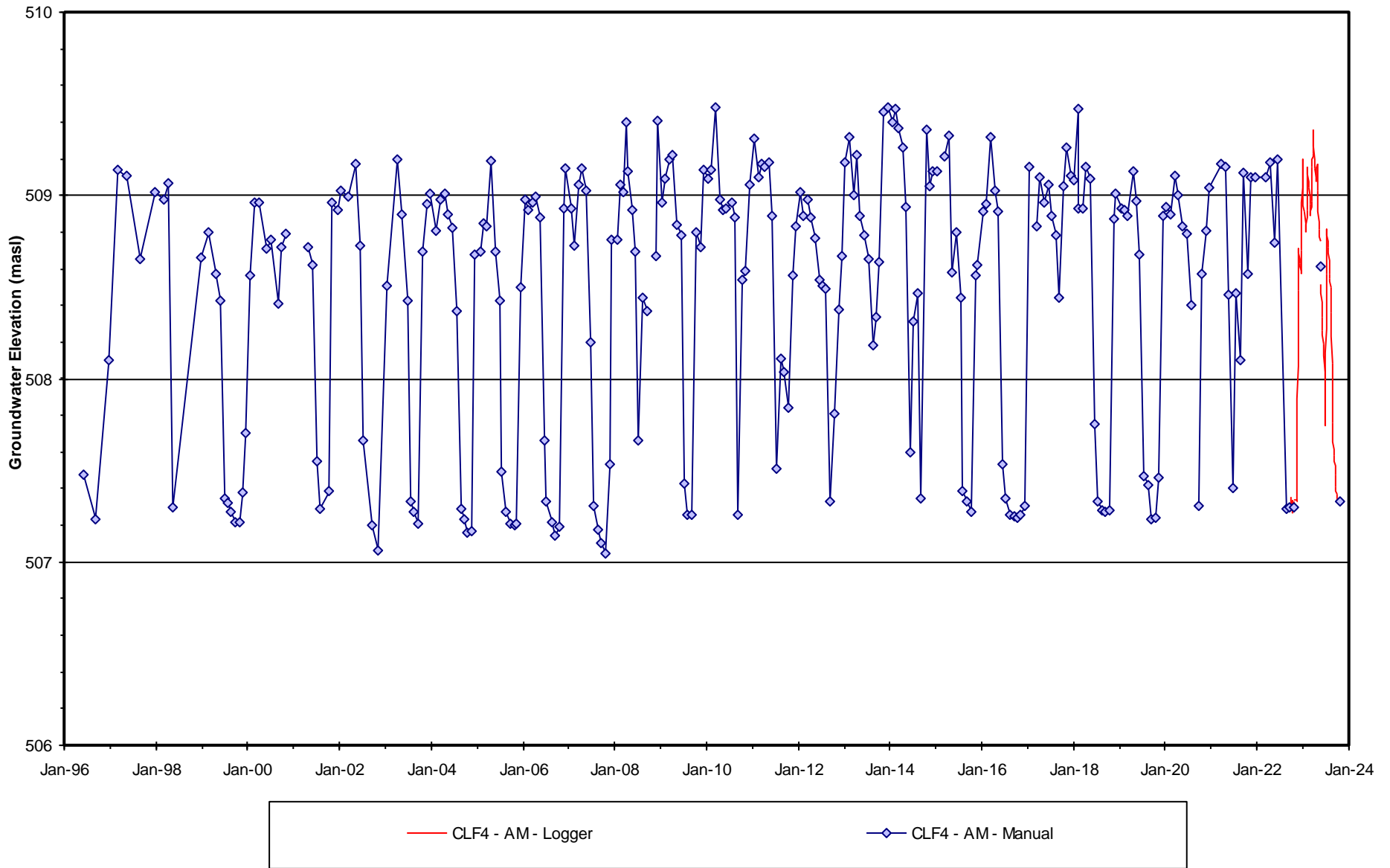


Figure B-54 Groundwater Hydrograph

CLF5

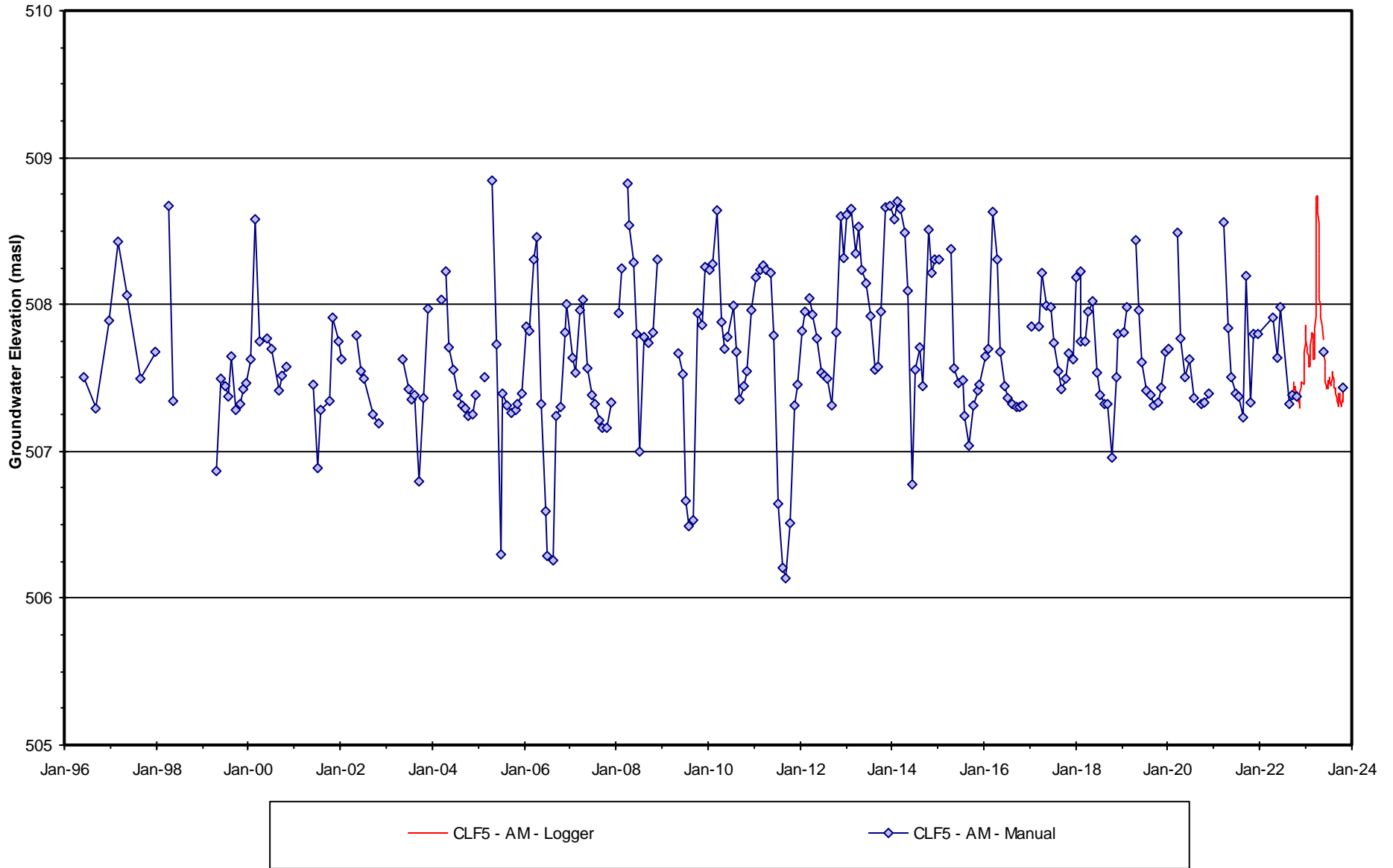


Figure B-55 Groundwater Hydrograph

101-B

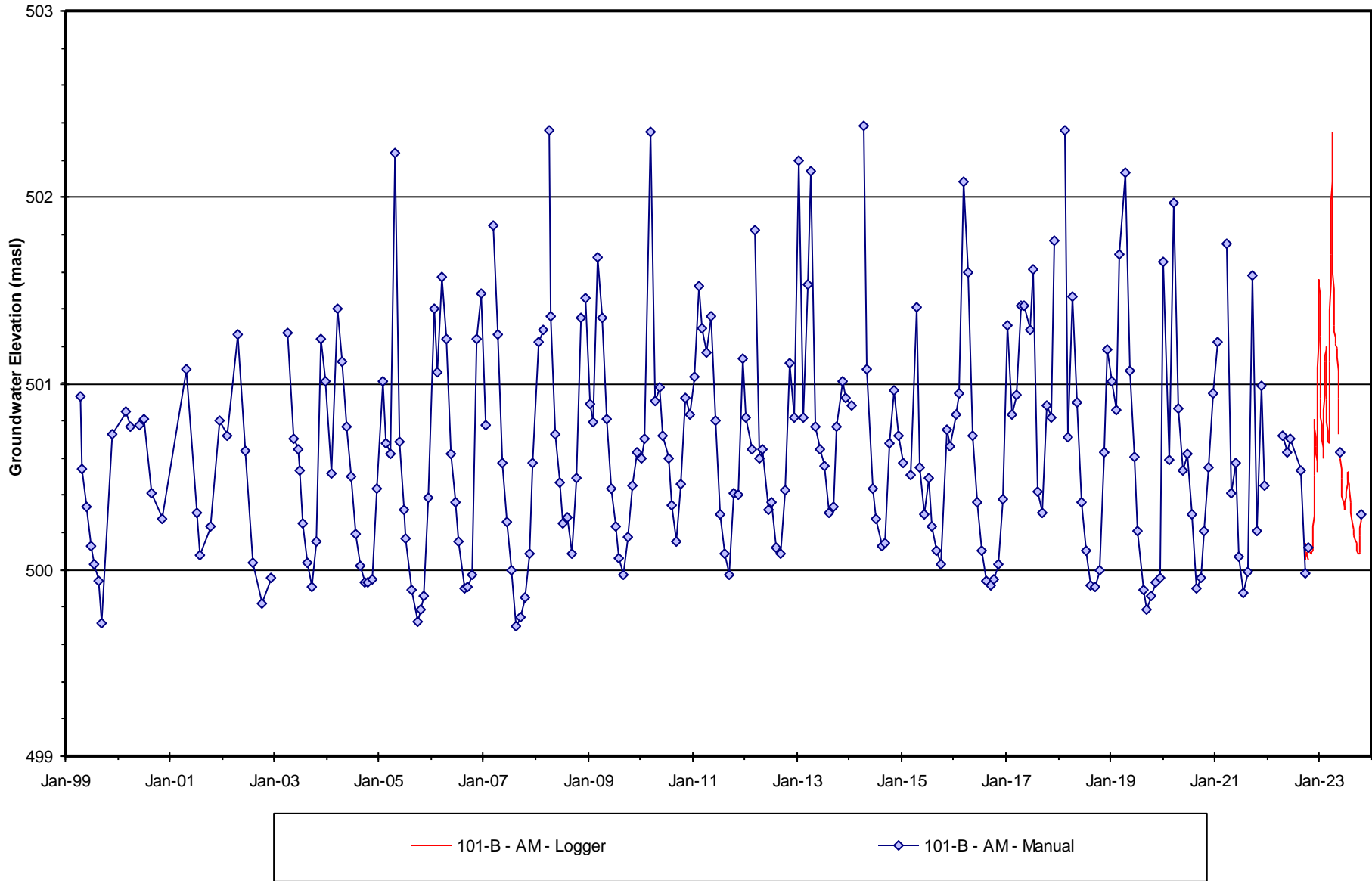


Figure B-56 Groundwater Hydrograph

102-C

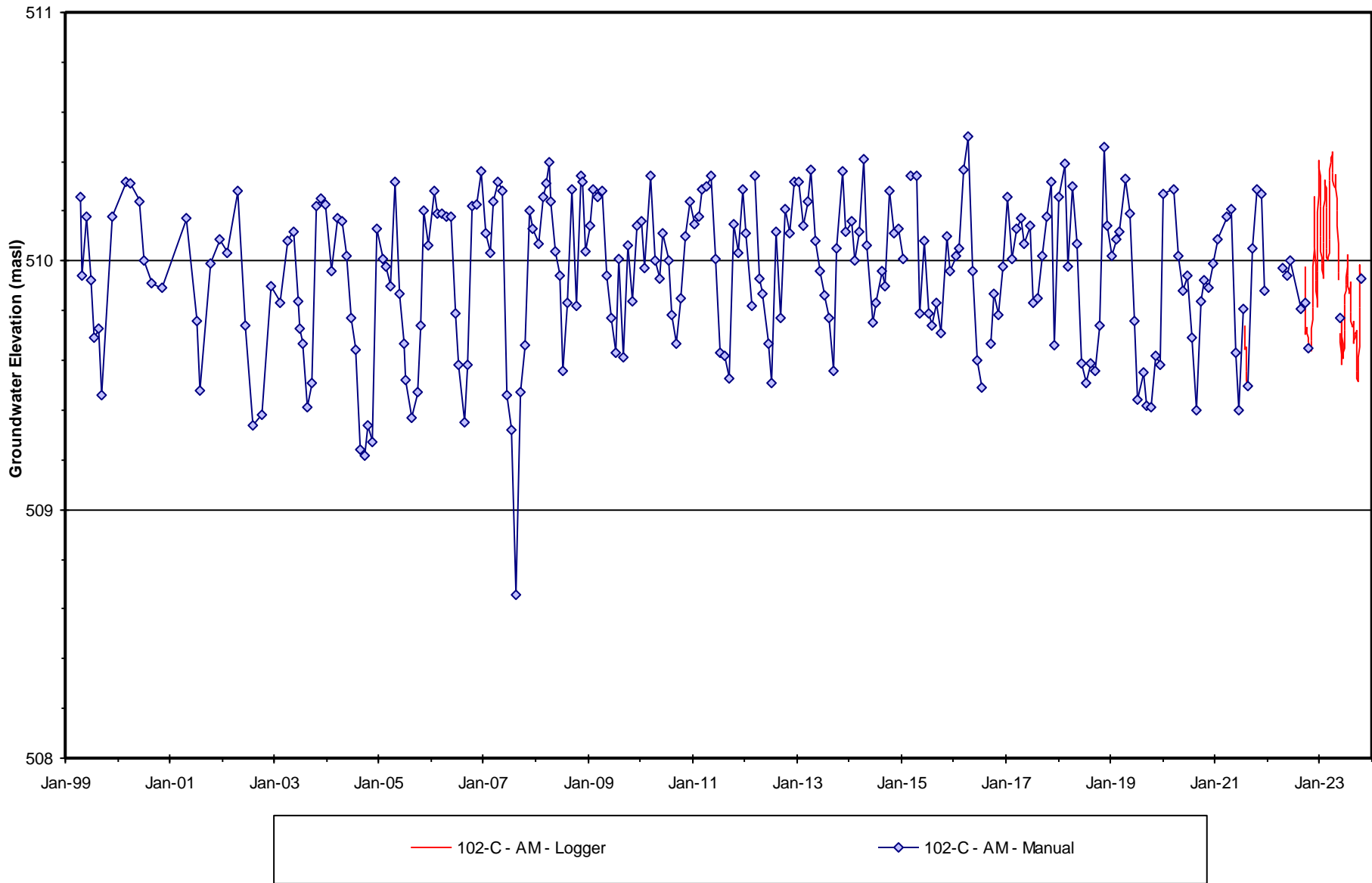


Figure B-57 Groundwater Hydrograph

103-D

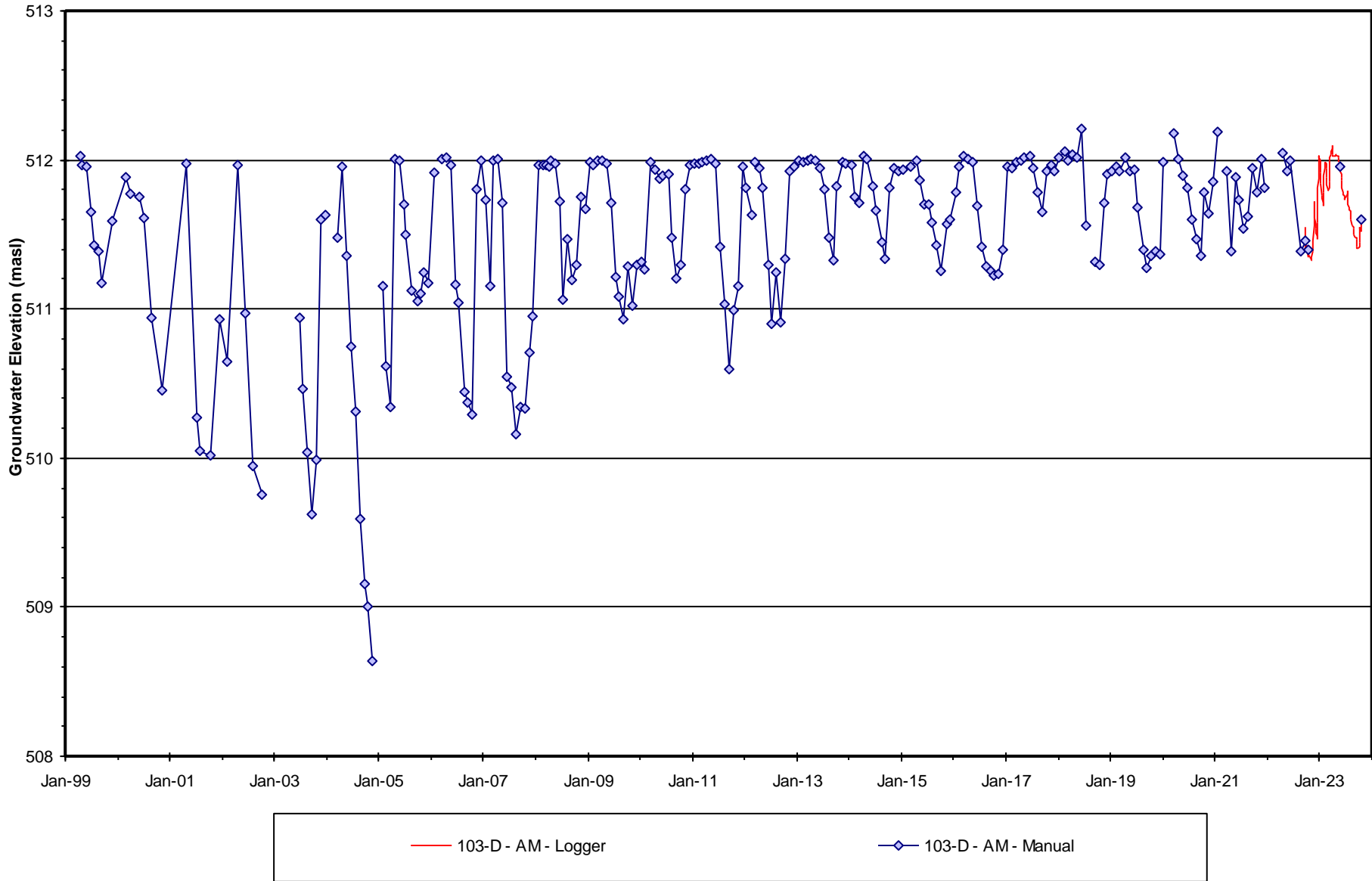


Figure B-58 Groundwater Hydrograph

104-A

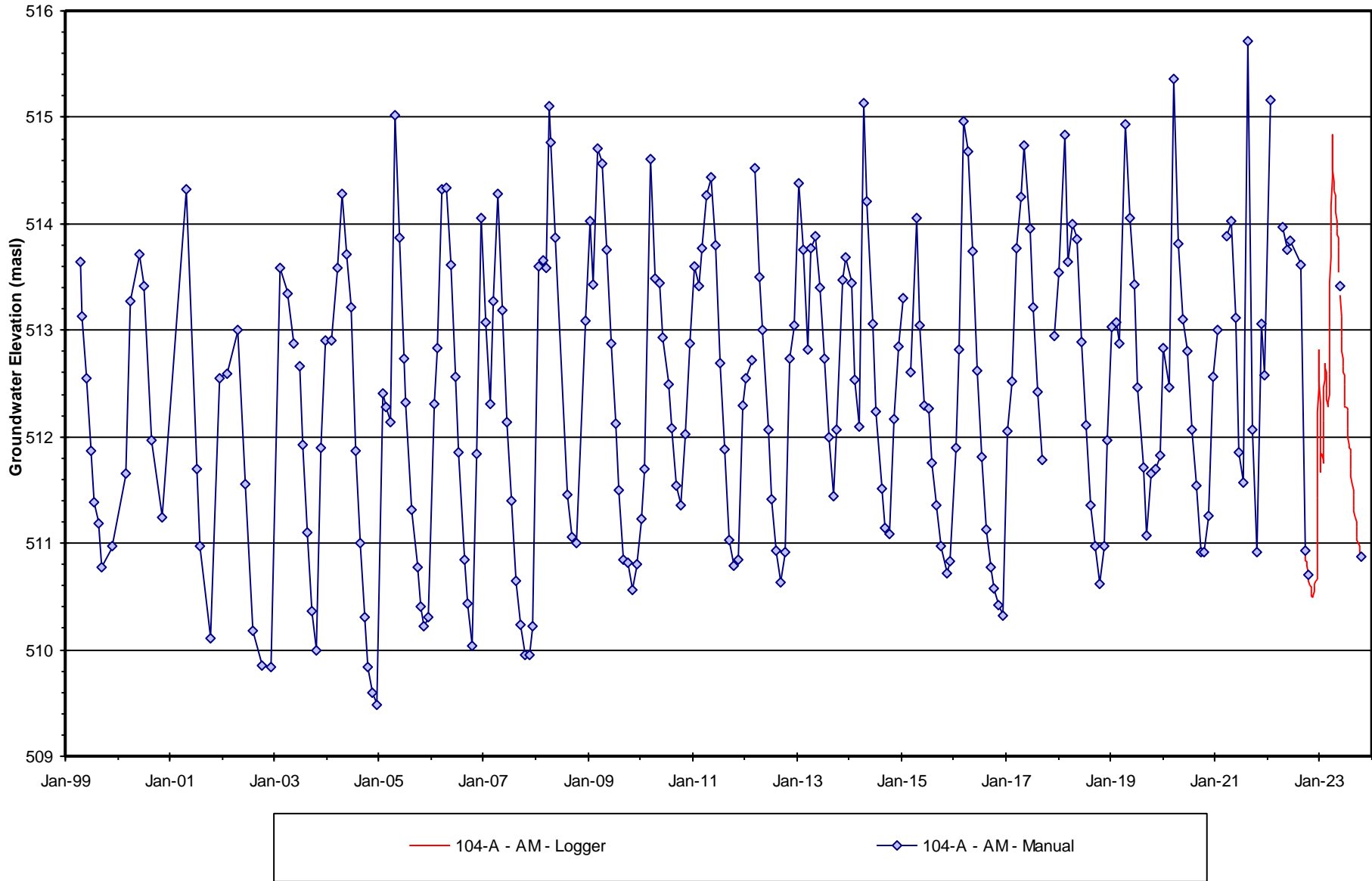


Figure B-59 Groundwater Hydrograph

OW1-4

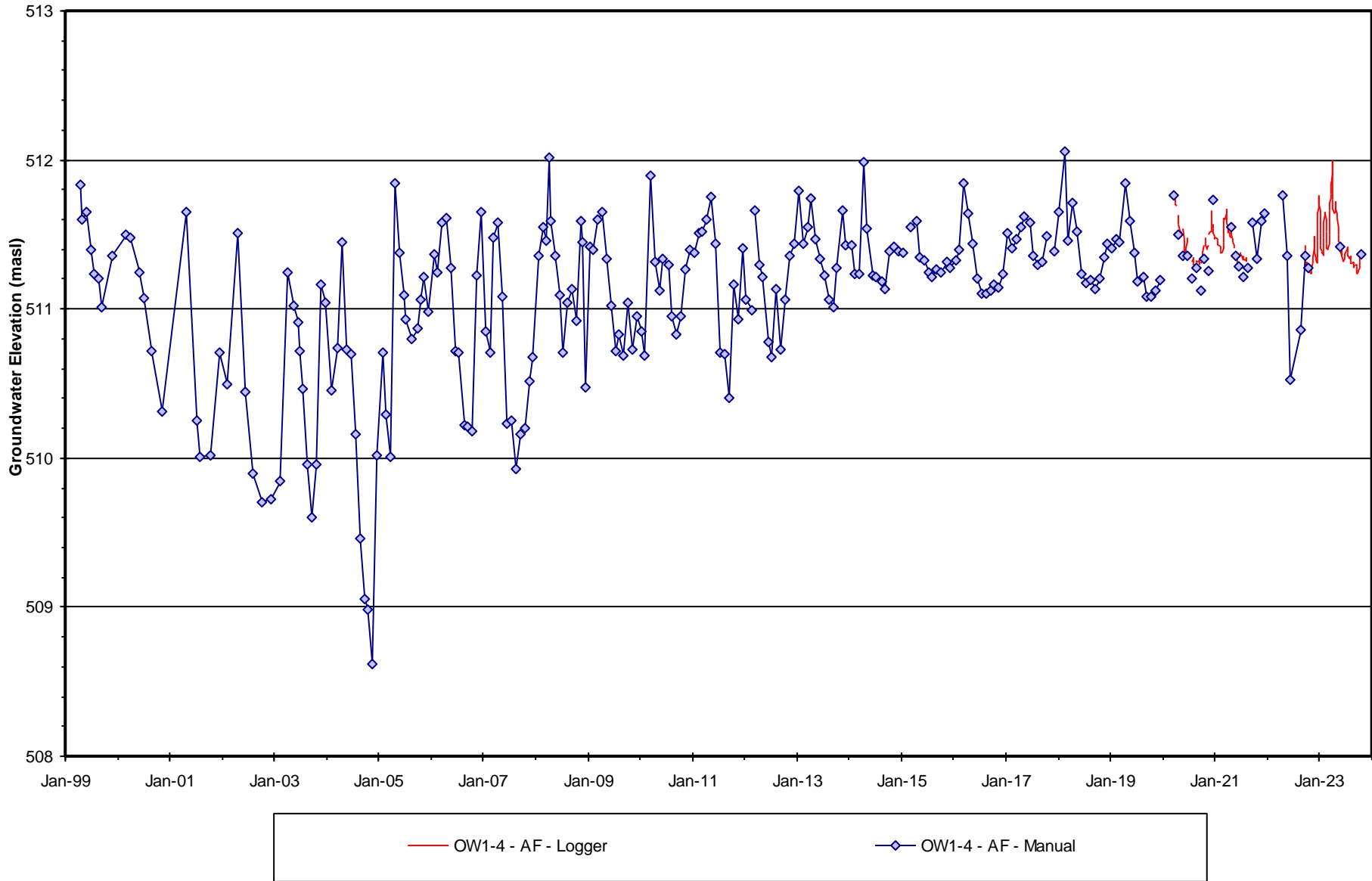


Figure B-60 Groundwater Hydrograph

OW3-1

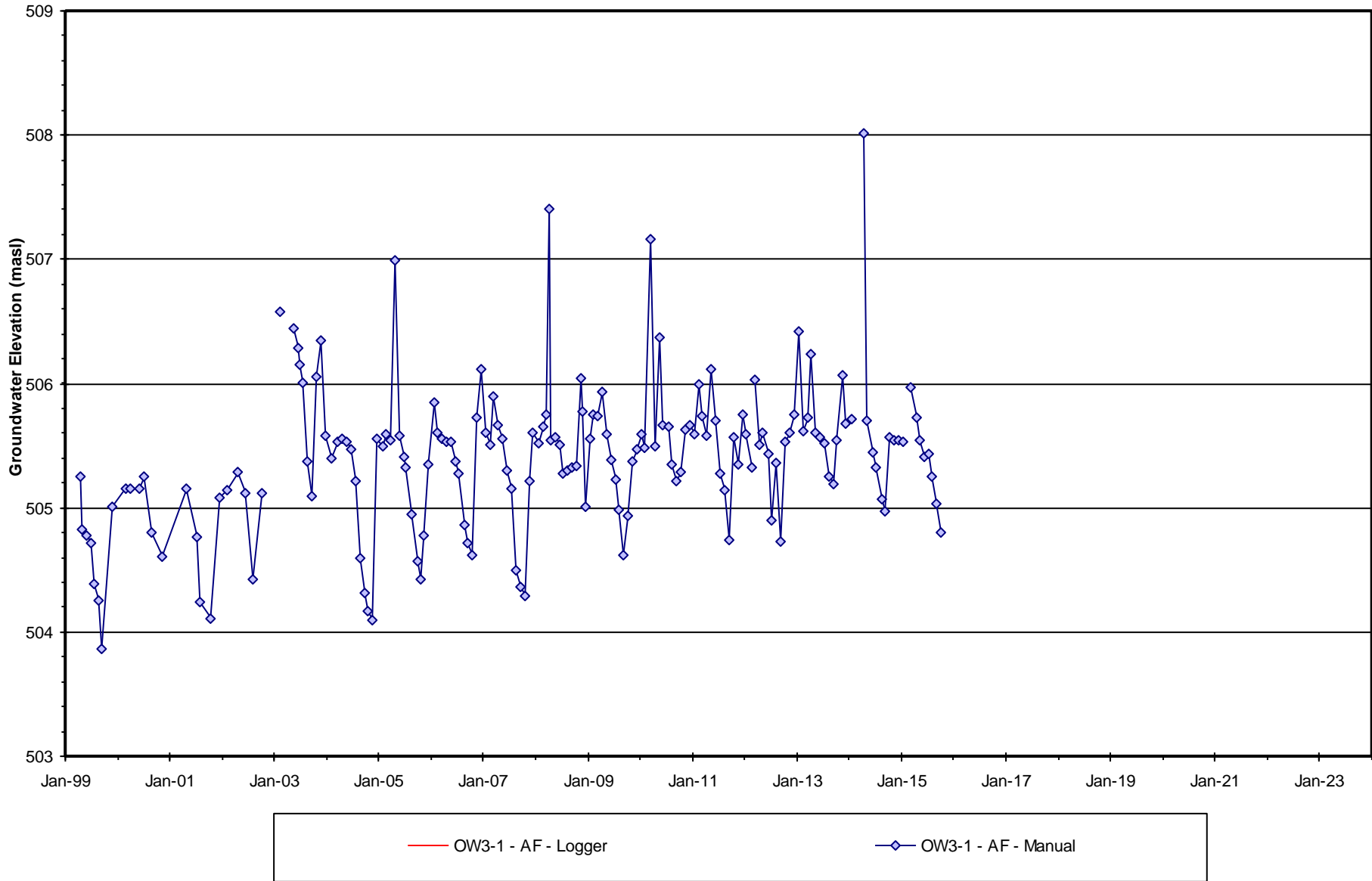


Figure B-61 Groundwater Hydrograph

OW5-2

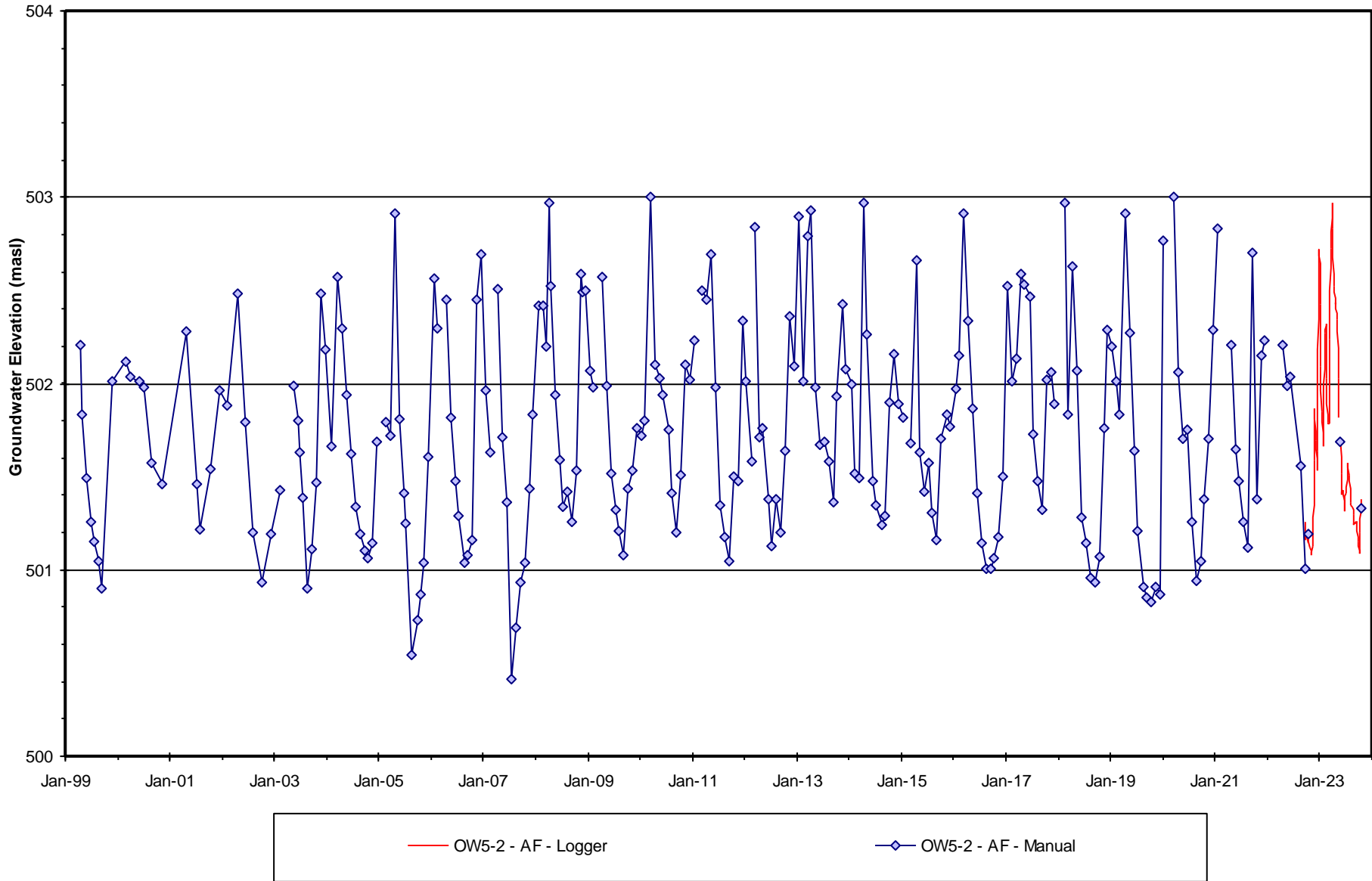


Figure B-62 Groundwater Hydrograph

OW6-3

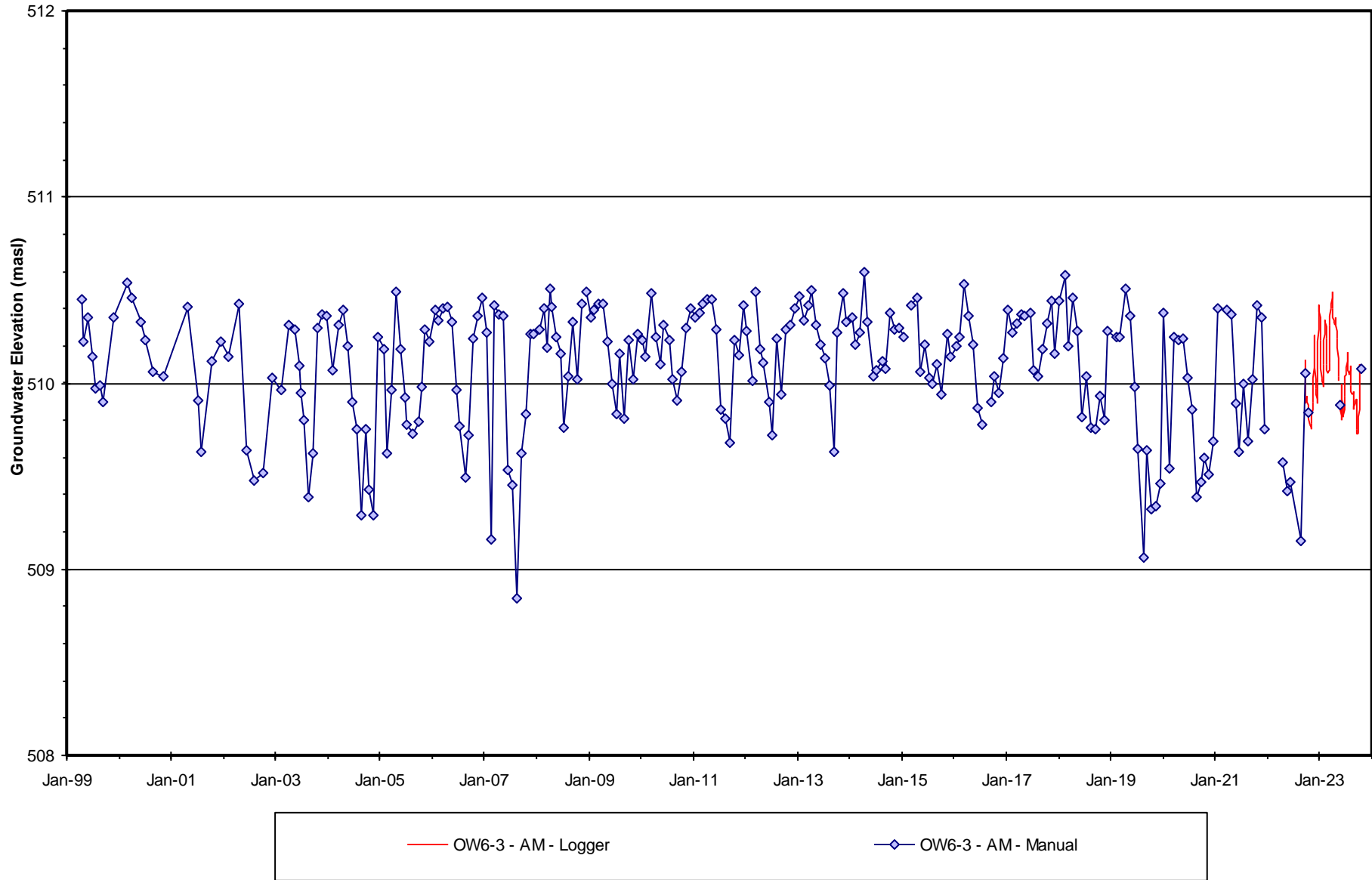


Figure B-63 Groundwater / Surface Water Hydrograph

DP1 - Rob Roy Swamp 6 Southeast Portion

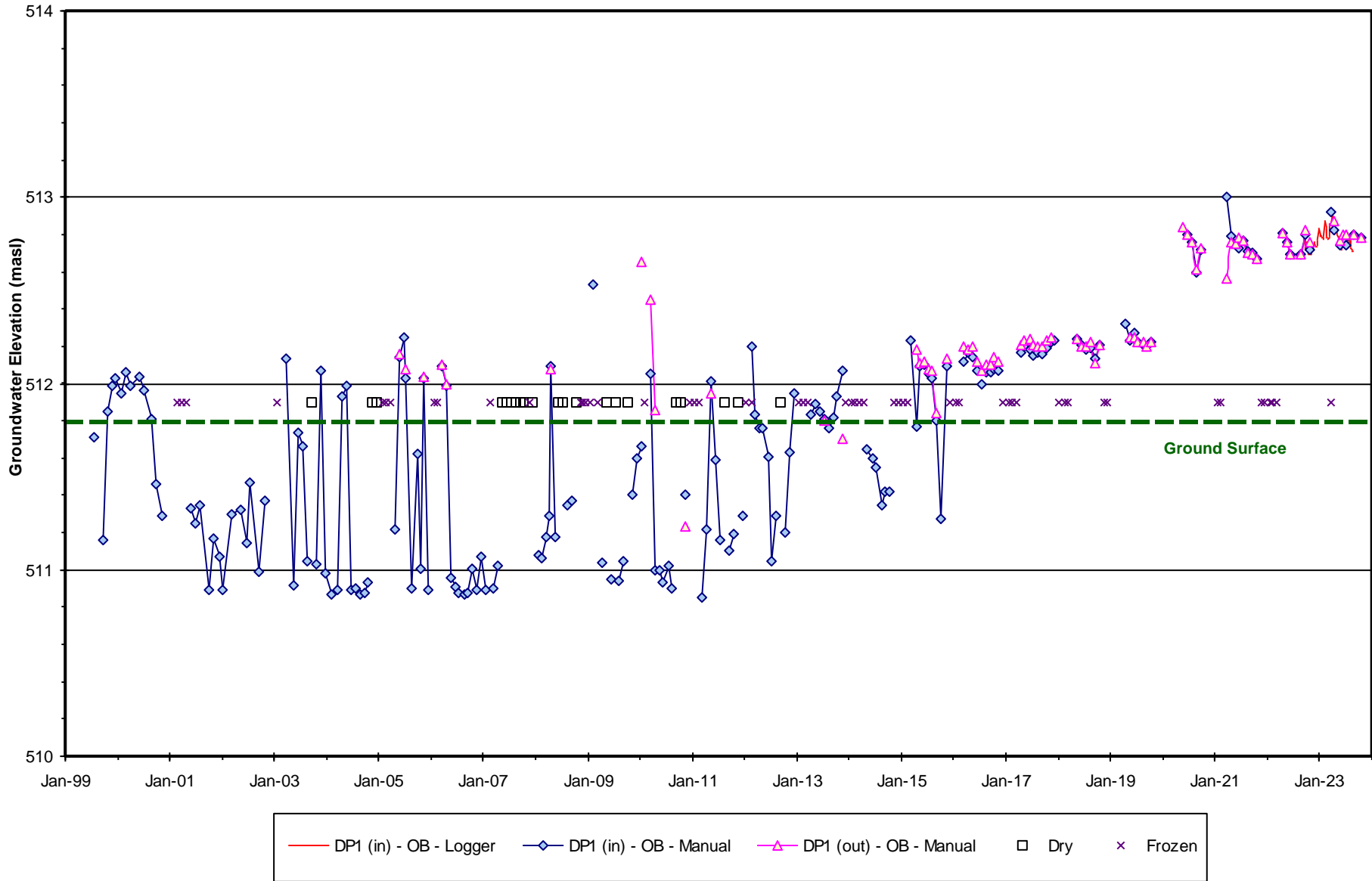


Figure B-64 Groundwater / Surface Water Hydrograph

DP2 - Rob Roy Swamp 6 Northeast Portion

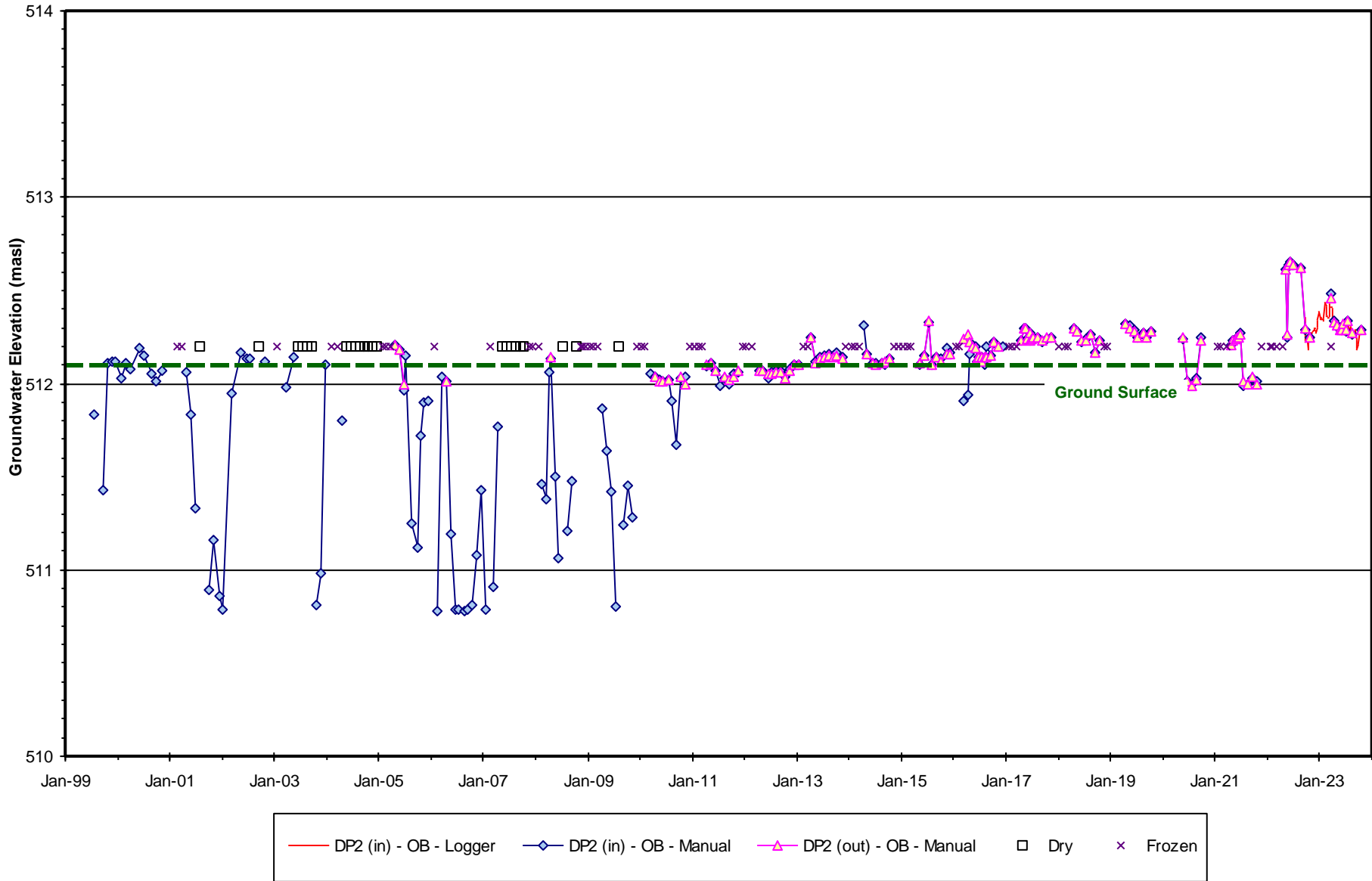


Figure B-65 Groundwater / Surface Water Hydrograph

DP3 - Carmarthen Lake Farms Wetland

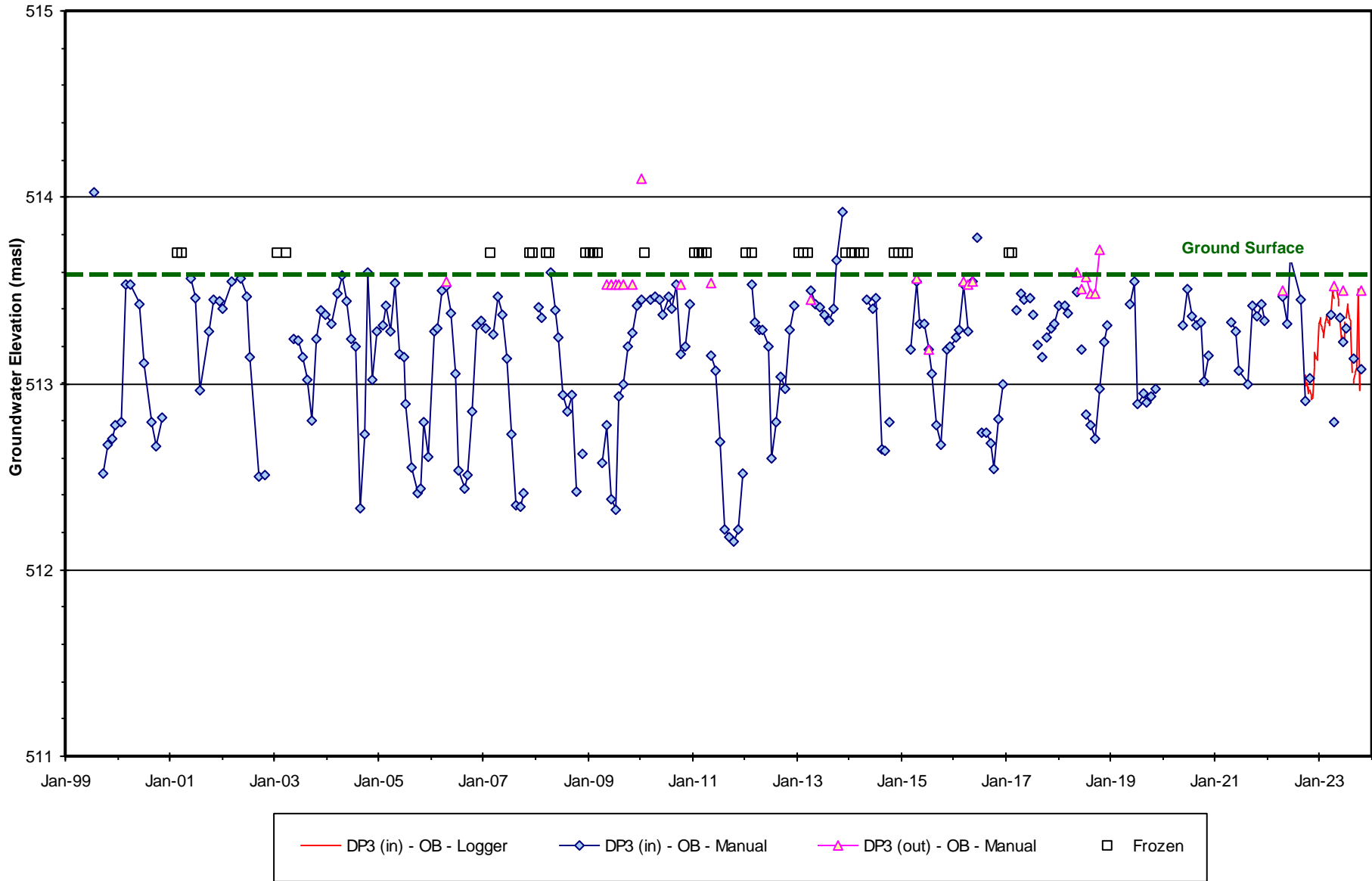


Figure B-66 Groundwater / Surface Water Hydrograph

DP4 - Rob Roy Swamp 6 West of Clearview Townline

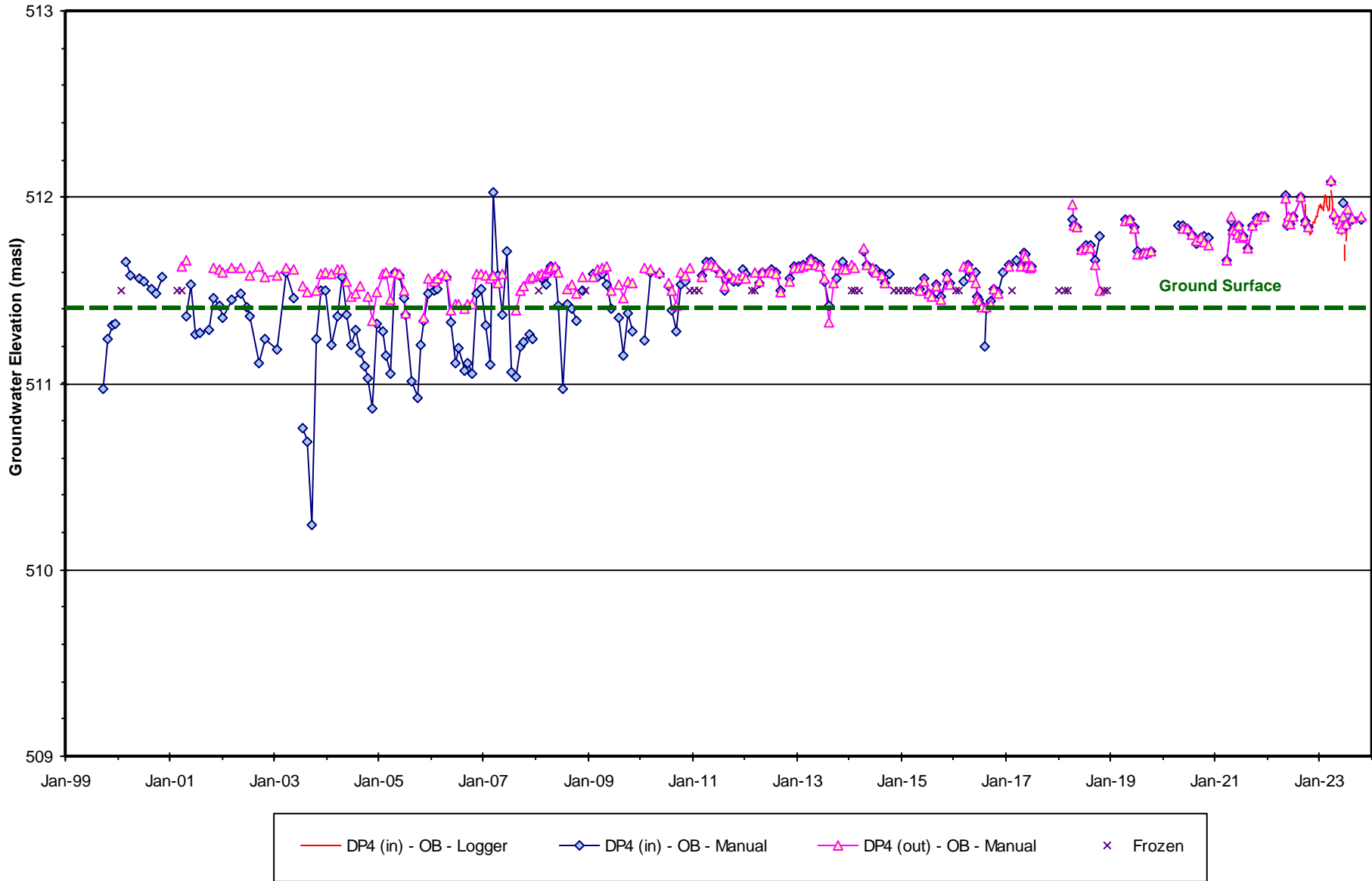


Figure B-67 Groundwater / Surface Water Hydrograph

DP5 - Rob Roy Swamp 2 Vernal Pool

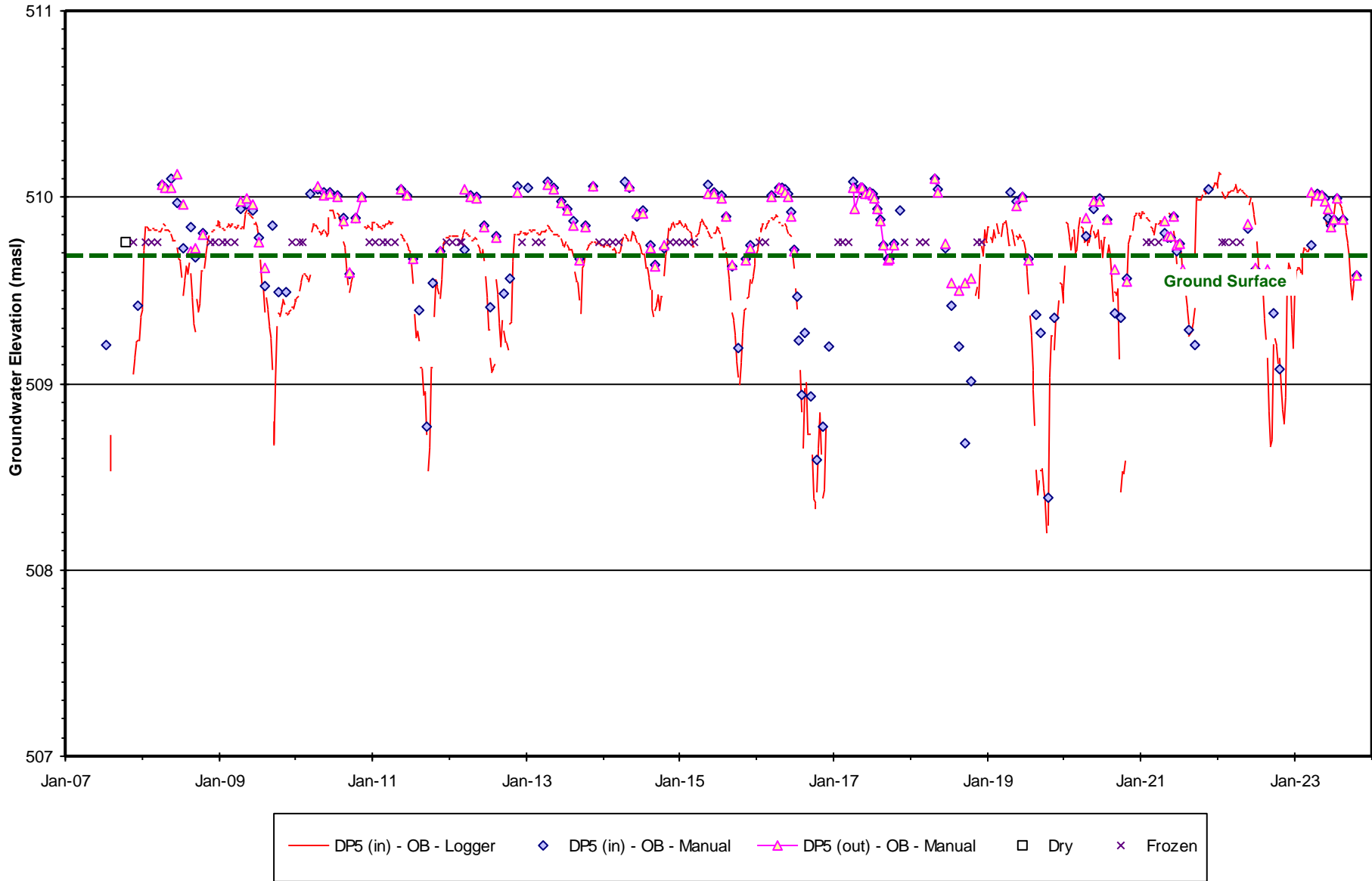


Figure B-68 Groundwater / Surface Water Hydrograph

DP6 - ANSI Wetland A Vernal Pool

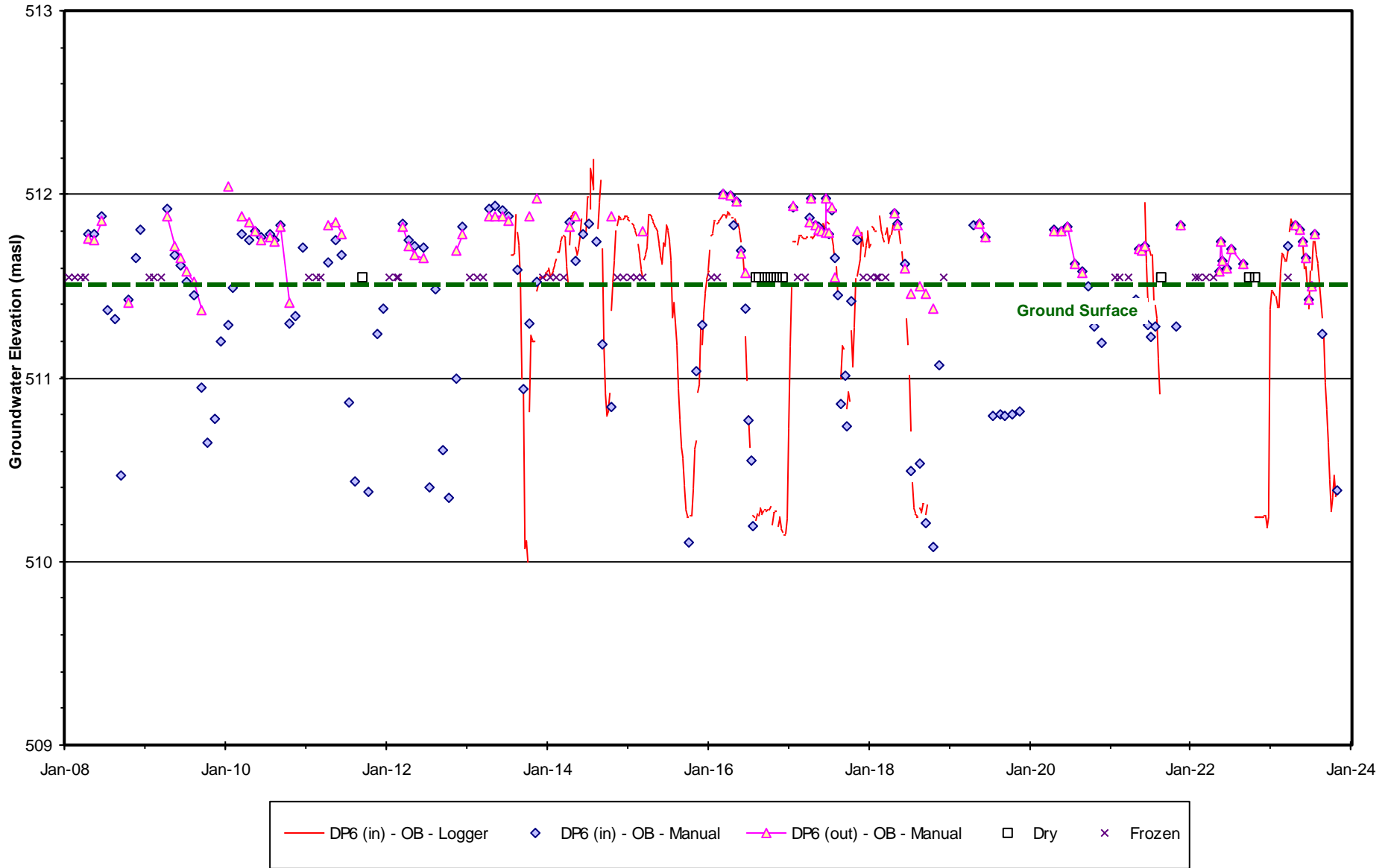


Figure B-69 Groundwater / Surface Water Hydrograph

DP7 - Rob Roy Swamp 2 Vernal Pool

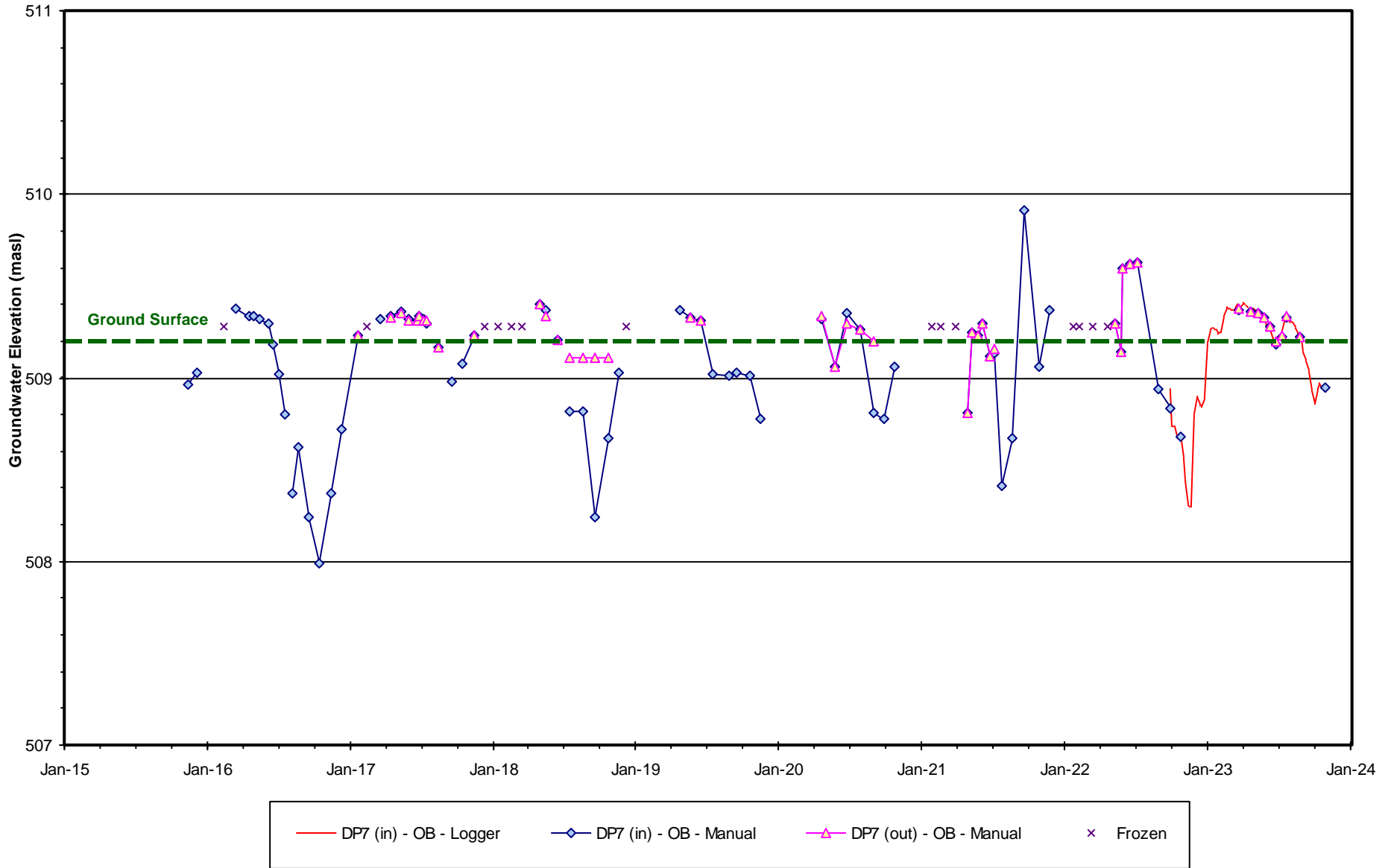


Figure B-70 Groundwater / Surface Water Hydrograph

DP8 - Rob Roy Swamp 6 Northwest Portion

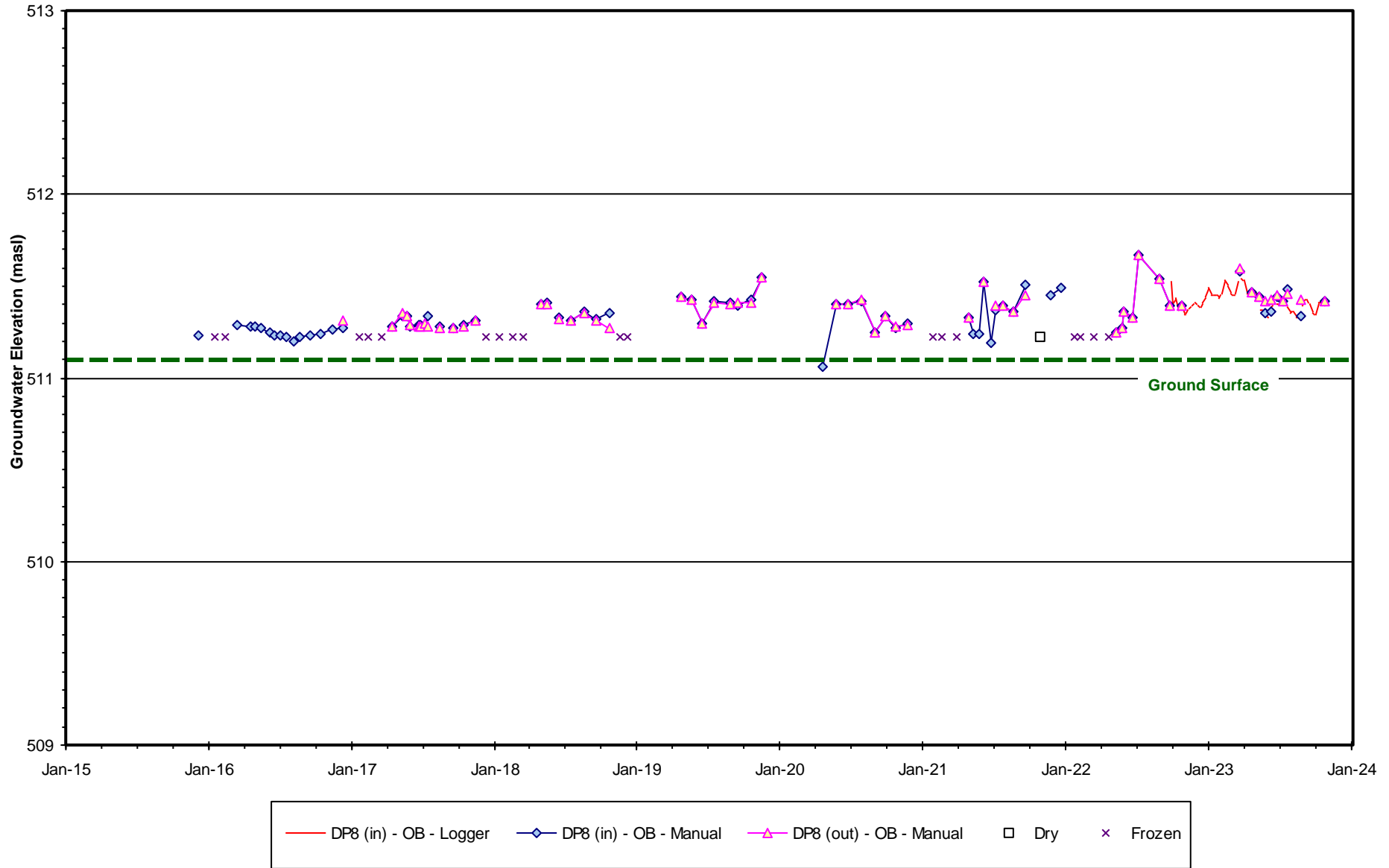


Figure B-71 Groundwater / Surface Water Hydrograph

DP9 - ANSI Wetland B North Portion

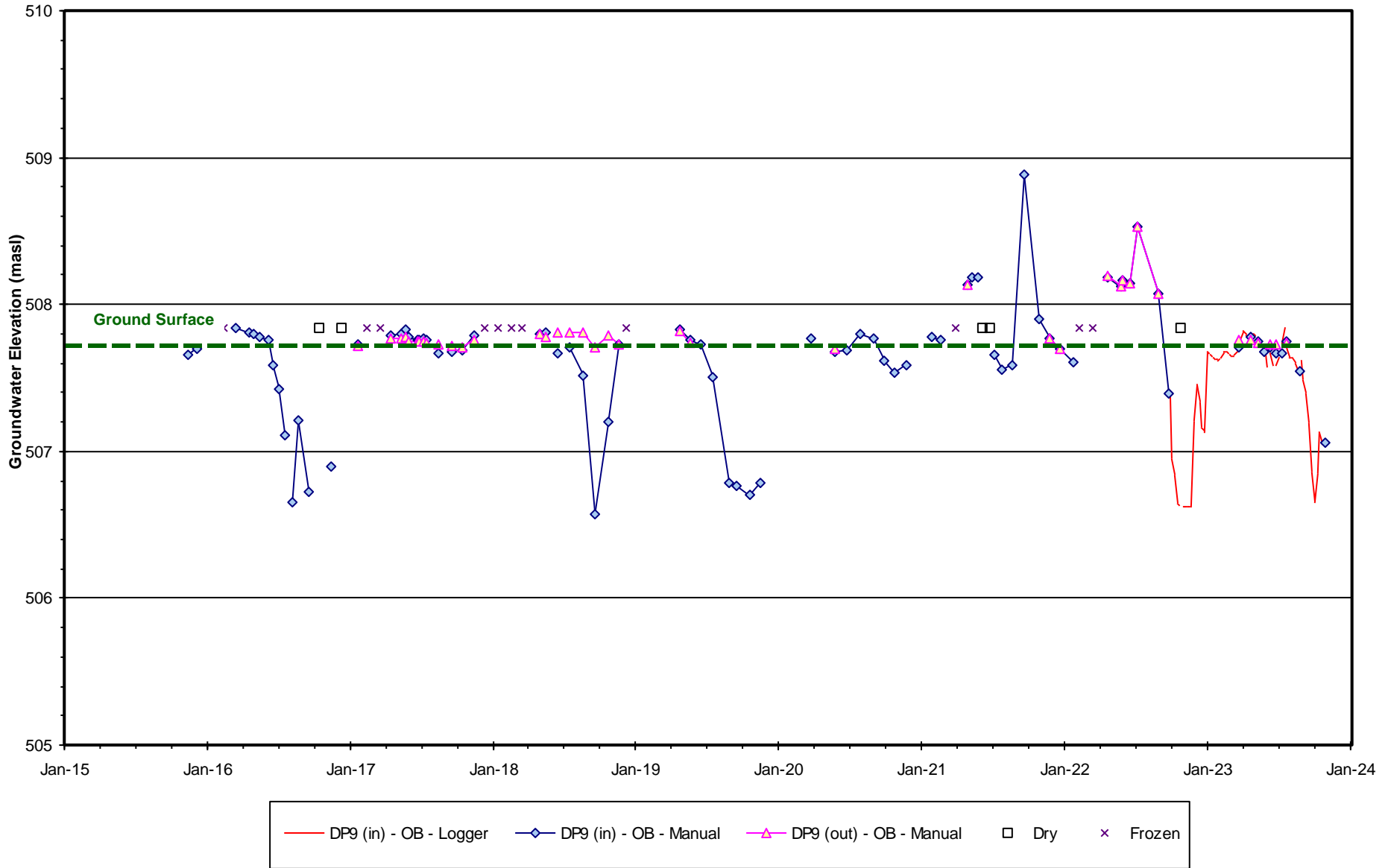


Figure B-72 Groundwater / Surface Water Hydrograph
Bridson DP - ANSI Wetland B South Portion

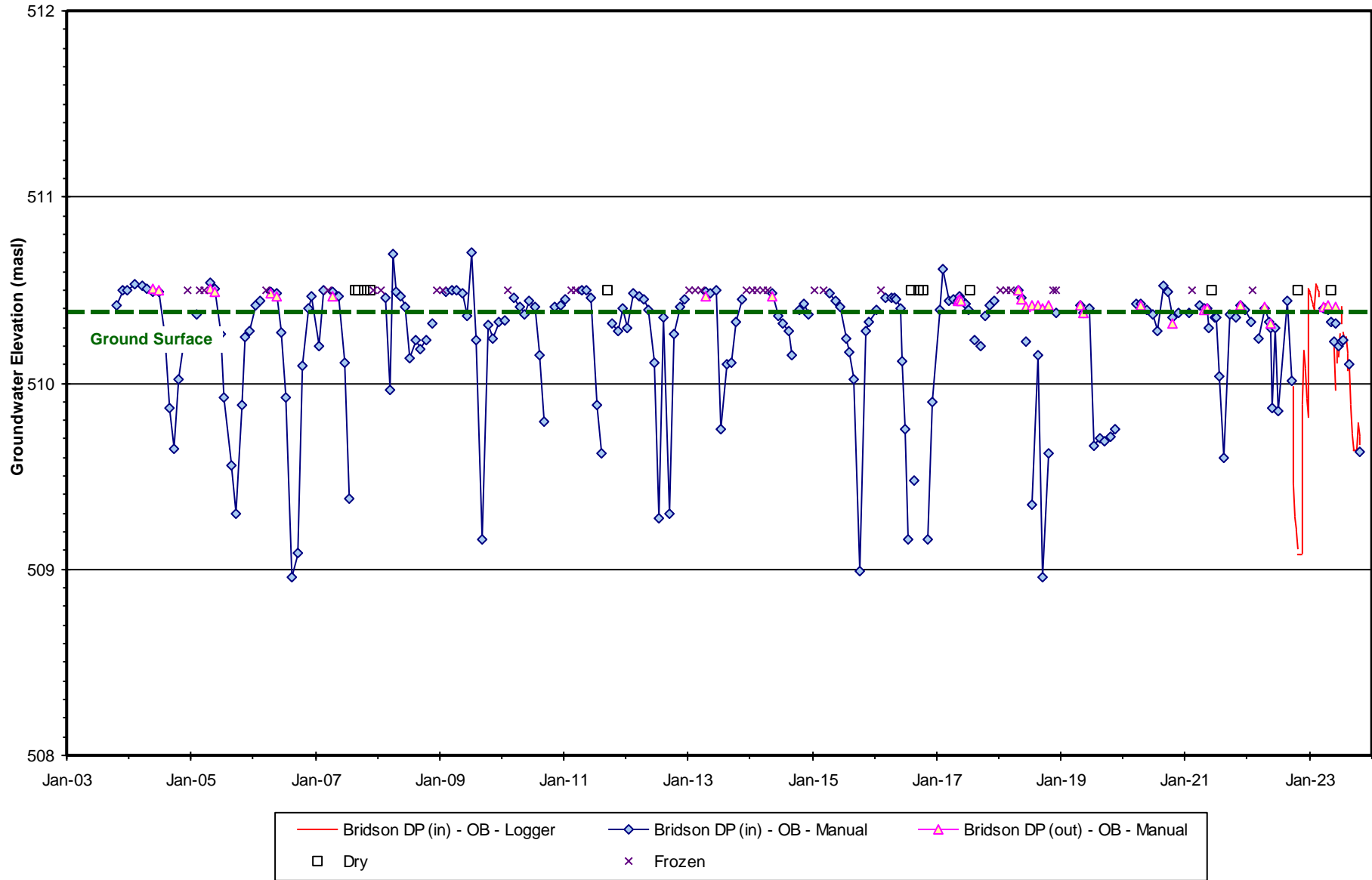
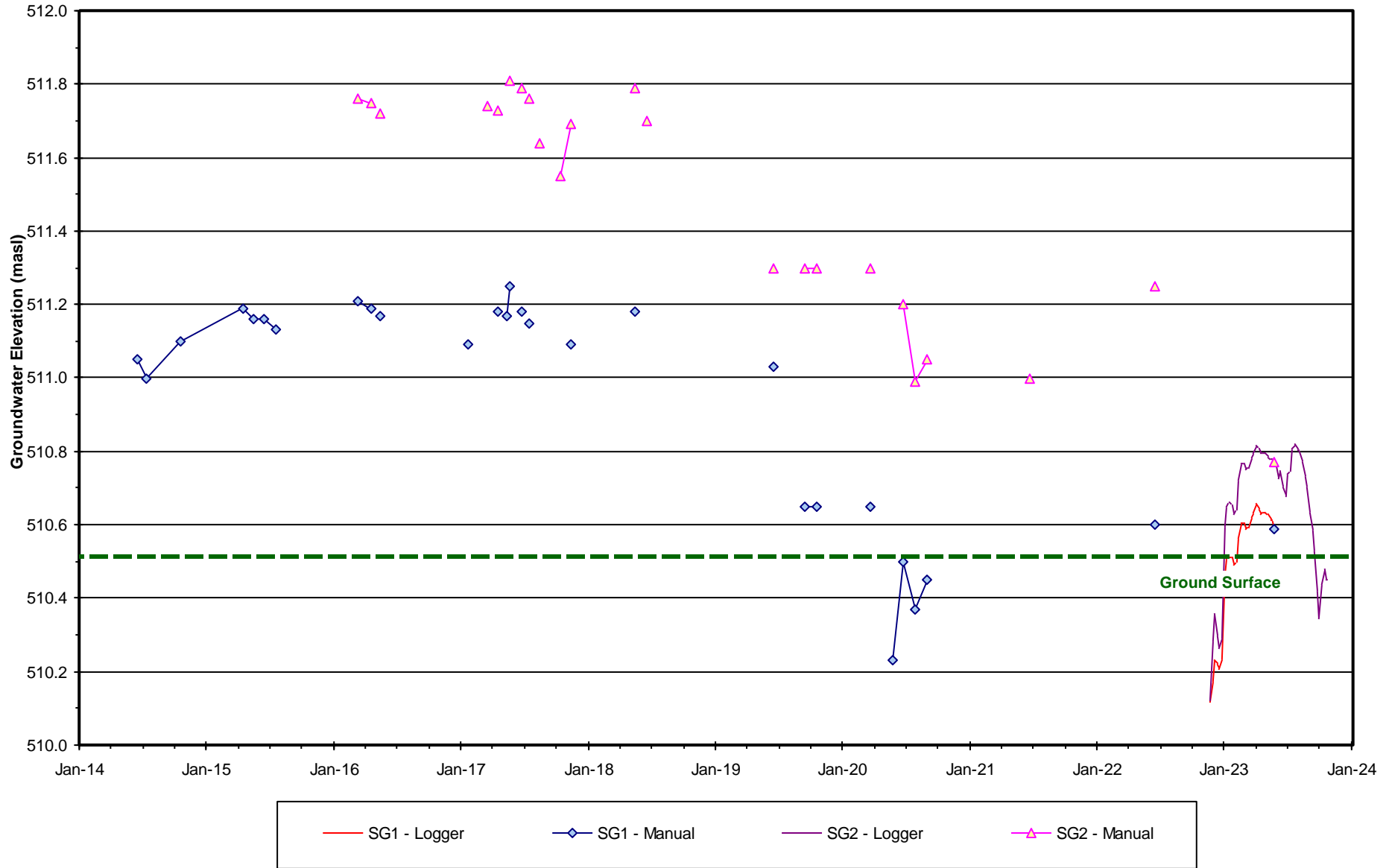


Figure B-73 Groundwater / Surface Water Hydrograph
Staff Gauges at Nest BH03-7 - Rob Roy Swamp 2



Appendix B Table Notation for Groundwater Elevation Data


Notation	Description		
mg/L	milligrams per Litre • values in mg/L unless otherwise noted	Colour	provided in True Colour Units (TCU)
		Turbidity	provided in Nephelometric Turbidity Units (NTU)
pH	provided in Scientific Units	T S S	Total Suspended Solids
E C	Electrical Conductivity provided in microSiemens per centimetre	T D S	Total Dissolved Solids
		T K N	Total Kjehldahl Nitrogen
T	Temperature provided in degrees Celsius	T P	Total Phosphorus
µg/L	micrograms per Litre	Total Coliforms	provided in colony forming units (cfu) per 100 mL (cfu / 100 mL)
		E.Coli	
VOC results	provided in ug/L	Heterotropic Plate Count	provided in cfu / mL
FORMATION NOTATION			
OB	Overburden	AF	Amabel / Fossil Hill
AM	Amabel Formation	CH	Cabot Head Formation
FH	Fossil Hill Formation	MT	Manitoulin Formation
ODWQS	Ontario Drinking Water Quality Standards (June 2003 and updates)		
MAC	Maximum Acceptable Concentration	AO	Aesthetic objective
IMAC	Interim Maximum Acceptable Concentration	OG	Operational Guideline
nc	no OWDQS criteria		
	shading indicates an exceedance of the ODWQS criteria		
a	heterotrophic plate count:		
	Results are not an indicator of water safety and, as such, should not be used as an indicator of potential adverse human health effects. However, sudden increases above normal baseline levels can indicated a change in raw water quality or indicate a problem with drinking water treatment.		
mASL	metres above sea level • elevation data in mASL unless otherwise noted		
TOP	Top of Pipe • refer to Monitor Construction Details (Table A-1, Appendix A) for information on elevation data		
(1)	Well dry		
(2)	Well frozen and / or snow covered		
(3)	Well inaccessible		
(4)	Moist ground noted around drivepoint		
(5)	Anomalous data		
(6)	No data due to overgrowth (NDOGN). Total coliforms and / or E. coli not detected		
blank	water level data not available		
< value	parameter not detected above associated laboratory reported detection limit		

Table B-1 Groundwater Elevations - Main Quarry Monitoring Wells

Well Name	MW6	BH98-8	BH98-9	BH98-12	PW99-1
Flow System	AM	AF	AF	AF	AF
Date TOP	534.9	517.3	526.4	527.2	514.0
18-May-95	520.2				
25-May-95	520.0				
22-May-96	520.7				
8-Jul-96	519.8				
6-Sep-96	519.1				
23-Dec-96	520.8				
26-Feb-97	522.2				
8-May-97	520.8				
26-Aug-97	519.2				
19-Dec-97	520.0				
27-Feb-98	519.8				
8-Apr-98	522.3				
10-May-98	519.0				
29-Dec-98	519.4				
24-Feb-99	520.7		519.9	511.2	
28-Apr-99	520.4		520.4	511.1	
26-May-99	519.7		519.5	510.1	
29-Jun-99	519.0		518.8	509.0	
26-Jul-99	518.9	511.7	518.4	508.2	511.9
17-Aug-99	518.7	511.6	518.2	507.6	511.5
27-Sep-99	518.3	511.3	517.5	507.0	511.4
25-Oct-99	518.3	511.4	517.6	507.0	511.2
21-Nov-99	519.2	511.5	519.0	508.3	511.6
21-Dec-99	520.1	511.9	519.1	508.4	511.7
25-Jan-00	520.3	511.2	520.3	510.3	511.0
29-Feb-00	520.3	511.7	520.6	510.4	511.8
31-Mar-00	520.3	511.1	520.3	511.2	511.2
2-Jun-00	520.8	510.0	520.8	513.1	510.1
7-Jul-00	520.8	509.4	520.3	511.3	509.5
27-Aug-00	519.7	509.0	519.0	509.9	509.1
28-Sep-00	519.6	508.9	519.3	510.1	509.0
3-Nov-00	519.1	507.8	518.7	509.0	507.9
22-Feb-01	521.0	508.1	(2)	512.1	508.2
22-Mar-01	520.2	506.6	(2)	511.1	506.7
26-Apr-01	521.4	509.6	521.3	513.4	509.7
31-May-01	519.6	506.3	519.3	510.6	506.4
28-Jun-01	519.1	507.2	518.7	509.9	507.3
1-Aug-01	518.6	506.9	518.0	508.9	507.0
4-Oct-01	518.1	505.7	517.3	508.4	505.8
1-Nov-01	519.4	507.6	519.3	510.2	507.7
14-Dec-01	520.1	506.8	519.7	510.9	506.9

Table B-1 Groundwater Elevations - Main Quarry Monitoring Wells

Well Name	MW6	BH98-8	BH98-9	BH98-12	PW99-1
Flow System	AM	AF	AF	AF	AF
Date TOP	534.9	517.3	526.4	527.2	514.0
10-Jan-02	519.5	506.0	519.2	510.8	506.1
14-Mar-02	521.4	508.6	520.8	512.2	508.7
16-May-02	519.9	508.5	519.6	511.8	508.6
20-Jun-02	519.0	508.1	518.6	510.6	508.3
11-Jul-02	518.1	507.6	520.6	509.7	507.8
13-Sep-02	515.6	505.8	516.0	508.0	505.9
1-Nov-02	513.1	508.8	514.6	507.2	508.9
16-Jan-03	510.9	507.2	(2)	507.0	507.3
28-Mar-03	512.7	510.5	516.6	513.3	510.6
15-May-03	513.3	508.1	516.0	511.1	508.2
23-Jun-03	511.9	509.0	514.7	510.4	508.1
22-Jul-03	510.7		513.2	509.8	508.0
20-Aug-03	509.8	507.9	512.2	508.8	508.0
25-Sep-03	509.1	507.3	511.7	507.7	507.4
22-Oct-03	508.7	507.3	511.4	508.7	507.4
25-Nov-03	508.9	508.6	512.4	510.7	508.7
22-Dec-03	510.2	508.6	513.6	511.0	508.7
9-Feb-04	511.0	506.7	513.6	510.6	506.8
16-Mar-04	510.6	507.6	(2)	512.0	507.7
20-Apr-04	514.4	509.4	517.8	512.9	509.5
18-May-04	512.4	508.4	515.5	511.4	508.5
22-Jun-04	511.2	506.8	514.3	510.9	506.9
28-Jul-04	508.9	506.9	511.7	509.6	507.0
25-Aug-04	508.2	506.5	511.0	508.3	506.6
22-Sep-04	507.8	506.1	510.5	507.4	505.9
19-Oct-04	507.4	507.4	510.2	506.8	507.5
16-Nov-04	507.1	506.3	509.8	506.6	506.4
16-Dec-04	506.8	509.5	509.6	506.7	509.6
31-Jan-05	508.5	508.1	512.0	510.7	508.3
24-Feb-05	508.5	507.4	511.8	510.0	507.5
22-Mar-05	508.1	506.9	511.4	509.4	507.0
20-Apr-05	511.6	511.9	516.6	515.0	512.0
25-May-05	512.4	511.6	516.3	510.8	511.7
29-Jun-05	509.9	511.5	513.6	508.5	511.6
13-Jul-05	509.3	511.4	512.9	506.8	511.5
23-Aug-05	508.2	510.6	511.7	504.1	510.7
26-Sep-05	507.7	510.9	511.2	502.7	511.0
26-Oct-05	507.5	510.9	510.9	501.9	511.0
16-Nov-05	507.4	511.3	510.9	501.5	511.4
14-Dec-05	507.1	510.5	510.5	501.4	510.7
20-Jan-06	507.2	510.8	511.1	501.8	510.9

Table B-1 Groundwater Elevations - Main Quarry Monitoring Wells

Well Name	MW6	BH98-8	BH98-9	BH98-12	PW99-1
Flow System	AM	AF	AF	AF	AF
Date TOP	534.9	517.3	526.4	527.2	514.0
14-Feb-06	508.8	510.5	513.0	502.1	510.6
19-Mar-06	511.9	511.8	516.3	505.2	511.9
17-Apr-06	512.9	511.7	517.6	504.5	511.8
19-May-06	511.3	510.0	515.5	502.0	510.1
19-Jun-06	509.5	508.8	513.3	500.7	508.9
10-Jul-06	508.6	509.3	512.3	500.5	509.4
21-Aug-06	507.6	509.1	510.9	500.4	509.2
18-Sep-06	507.1	509.0	510.3	500.4	509.1
17-Oct-06	506.8	509.2	509.9	500.4	509.3
20-Nov-06	507.1	509.8	511.1	500.5	510.0
15-Dec-06	508.4	510.2	512.8	500.8	510.3
22-Jan-07	509.3	509.2	513.3	500.9	509.3
19-Feb-07	508.8	508.5	512.4	500.7	(2)
18-Mar-07	508.4	509.8	512.2	501.0	509.9
17-Apr-07	511.9	510.8	516.2	501.1	510.9
17-May-07	510.2	509.4	514.0		509.5
21-Jun-07	508.6	507.8	512.3	502.2	507.9
17-Jul-07	508.0	508.4	511.4	502.1	508.5
21-Aug-07	507.4	508.6	510.5	501.9	508.7
16-Sep-07	506.9	508.9	510.0	502.1	509.0
14-Oct-07	506.6	508.9	509.6	502.0	509.0
18-Nov-07	506.4	508.8	509.4	502.1	508.9
13-Dec-07	506.4	508.8	509.5	502.0	508.8
20-Jan-08	510.1	511.3	(2)	502.6	511.2
17-Feb-08	510.2	510.6	514.3	502.5	510.7
16-Mar-08	510.3	510.4	514.5	502.4	510.8
6-Apr-08	511.6	510.6	515.8	502.3	511.7
20-Apr-08	514.1	511.8	518.8	502.8	512.0
18-May-08	511.9	510.5	516.3	502.5	510.6
15-Jun-08	509.9	509.8	514.3	502.3	509.9
13-Jul-08	509.3	510.0	513.6	502.0	510.1
17-Aug-08	508.1	510.2	512.2	502.0	510.2
14-Sep-08		509.9	512.1	502.1	510.0
19-Oct-08	507.9	509.7	511.6	502.0	509.8
16-Nov-08		510.1			510.2
23-Nov-08	508.6		513.4	502.3	
14-Dec-08	509.3	510.3	513.9	502.5	510.6
18-Jan-09		510.7	514.2	502.3	(2)
8-Feb-09	510.6	510.6	514.3	502.6	510.9
15-Mar-09	510.7	510.5	514.4	502.6	510.6
12-Apr-09	512.3	510.9	516.1	502.6	511.0

Table B-1 Groundwater Elevations - Main Quarry Monitoring Wells

Well Name	MW6	BH98-8	BH98-9	BH98-12	PW99-1
Flow System	AM	AF	AF	AF	AF
Date TOP	534.9	517.3	526.4	527.2	514.0
17-May-09	511.9	510.5	516.1	502.4	510.5
14-Jun-09	511.2	509.8	514.2	502.2	509.9
12-Jul-09	510.8	509.4	513.1	502.0	509.5
9-Aug-09	509.8	509.5	512.1	502.2	508.6
13-Sep-09	507.4	509.6	510.5	501.9	508.7
11-Oct-09	508.1	509.9	510.9	502.1	508.9
15-Nov-09	509.4	510.2	510.7	501.9	509.0
13-Dec-09	510.2	510.2	510.9	502.0	509.1
17-Jan-10	510.4	510.1	511.0	501.5	508.8
7-Feb-10	510.9	510.2	511.3	502.2	509.3
14-Mar-10	511.4	510.6		502.6	510.0
18-Apr-10	510.9	511.0	515.0	502.6	511.1
16-May-10	509.3	510.7	513.9	502.2	511.0
8-Jun-10					
13-Jun-10	508.5	510.6	513.1	501.2	510.9
21-Jul-10	508.4	510.9	512.9	501.0	511.2
16-Aug-10	508.5	510.8	512.8	500.9	511.1
12-Sep-10	508.4	511.0	512.1	501.9	511.3
26-Sep-10					
17-Oct-10	507.8	510.3	511.4	501.8	510.4
14-Nov-10	508.0	510.4	511.3	501.9	510.5
19-Dec-10	(2)	(2)	511.5	502.3	510.9
16-Jan-11		(2)	512.4	502.3	511.1
20-Feb-11		510.8	512.4	502.3	510.9
13-Mar-11	510.7	510.9	512.5	502.4	511.0
17-Apr-11	512.9	511.4	517.7	503.0	511.0
15-May-11	513.0	511.8	518.0	502.6	512.0
13-Jun-11	512.0	511.2	516.2	502.4	510.7
17-Jul-11	511.8	510.3	515.9	502.3	509.5
14-Aug-11	511.4	509.8	515.1	501.9	510.0
18-Sep-11	511.3	509.7	515.0	501.3	510.0
16-Oct-11	507.2	509.5	513.9	502.0	509.7
20-Nov-11	508.1	510.3	514.1	501.7	510.4
18-Dec-11	508.6	510.4	514.2	502.1	510.5
15-Jan-12	508.8	510.5	514.3	502.2	510.6
19-Feb-12	508.7	510.0	514.0	502.2	510.2
26-Feb-12				502.0	
18-Mar-12		512.5	515.6		511.0
15-Apr-12	507.5	514.1	516.8	502.3	507.8
13-May-12	509.7	514.0	516.5	502.2	507.6
17-Jun-12	509.1	513.9	516.4	502.0	507.5

Table B-1 Groundwater Elevations - Main Quarry Monitoring Wells

Well Name	MW6	BH98-8	BH98-9	BH98-12	PW99-1
Flow System	AM	AF	AF	AF	AF
Date TOP	534.9	517.3	526.4	527.2	514.0
15-Jul-12	509.0	513.7	516.1	502.0	507.3
12-Aug-12	507.6	513.6	516.6	502.3	507.9
16-Sep-12	507.4	510.2	511.0	501.9	510.3
7-Oct-12				501.9	
14-Oct-12	507.8	510.0	511.0	501.8	510.3
18-Nov-12	508.5	510.4	512.1	502.3	511.0
16-Dec-12	508.9	510.5	512.4	502.2	511.1
13-Jan-13	509.9	511.7	513.7	503.1	511.5
17-Feb-13	510.3	512.0	514.1	503.0	511.6
17-Mar-13	509.9	511.9	513.9	503.0	511.6
31-Mar-13				503.3	
14-Apr-13	510.0	512.3	514.0	502.6	511.7
12-May-13	512.0	513.3	516.3	502.4	511.1
2-Jun-13				502.3	
16-Jun-13	511.8	513.2	516.1	501.1	510.7
14-Jul-13	511.5	512.8	516.1	502.3	510.6
18-Aug-13	508.9	511.7	516.0	501.9	510.8
15-Sep-13	508.9	511.6	515.9	501.9	510.6
13-Oct-13	508.8	511.0	515.9	502.0	510.7
17-Nov-13	508.3	511.4	516.1	502.0	510.8
16-Dec-13	508.4	511.3	516.0	502.0	510.7
19-Jan-14	508.5	511.5	516.1	502.0	510.6
16-Feb-14	508.5	511.6	(2)	502.1	510.4
17-Mar-14	508.6	511.7	(2)	502.0	510.5
13-Apr-14	510.6	513.5	(2)	503.0	511.3
11-May-14	509.1	511.5	517.2	502.5	510.2
15-Jun-14		511.0	516.1	502.1	509.7
13-Jul-14	509.1	510.6	515.0	502.0	509.5
17-Aug-14	509.2	509.6	514.9	502.0	507.3
7-Sep-14	509.6	511.1	515.0	502.0	511.2
12-Sep-14				502.0	
19-Oct-14	509.7	509.6	515.0	502.0	511.3
16-Nov-14	507.7	511.0	512.0	502.0	511.5
14-Dec-14	507.7	511.0	512.0	501.9	511.4
18-Jan-15	507.8	511.4	512.1	501.9	510.7
15-Feb-15					
15-Mar-15	507.9	511.6	511.7	502.3	511.7
19-Apr-15	511.6	511.9	514.7	502.6	512.0
17-May-15	509.4	511.7	513.7	502.2	511.8
14-Jun-15	509.8	511.8	512.3	502.2	511.9
19-Jul-15	507.6	511.7	512.3	502.1	511.8

Table B-1 Groundwater Elevations - Main Quarry Monitoring Wells

Well Name	MW6	BH98-8	BH98-9	BH98-12	PW99-1
Flow System	AM	AF	AF	AF	AF
Date TOP	534.9	517.3	526.4	527.2	514.0
9-Aug-15	507.2	511.6	511.6	502.2	511.7
6-Sep-15	507.1	511.5	511.0	501.9	511.6
11-Oct-15	507.0	511.2	510.4	501.9	511.3
15-Nov-15	506.6	511.6	510.2	502.0	511.7
6-Dec-15	506.4	511.6	510.1	501.9	511.7
17-Jan-16	506.4	511.6	510.5	502.0	511.7
14-Feb-16	507.2	511.5	511.6	502.1	511.7
13-Mar-16	509.6	512.0	515.5	502.8	512.1
17-Apr-16	511.6	511.9	517.3	502.7	512.0
1-May-16					
15-May-16	509.6	511.8	514.6	502.3	511.9
5-Jun-16					
19-Jun-16	508.1	511.6	512.5	502.1	511.7
3-Jul-16					
17-Jul-16	507.2	511.5	511.2	501.9	511.6
24-Jul-16				501.9	
7-Aug-16					
21-Aug-16	506.5	511.5	510.2	501.9	511.7
18-Sep-16	506.2	511.6	509.8	501.9	511.7
16-Oct-16	506.0	511.5	509.6	501.9	511.7
13-Nov-16	505.8	511.5	509.4	501.8	511.6
27-Nov-16				501.9	
11-Dec-16	505.7	511.5	509.3	501.8	511.6
15-Jan-17	505.8	511.8	510.1	502.2	511.9
12-Feb-17	506.5	511.6	511.0	502.1	511.7
19-Mar-17	509.1	511.7	514.4	502.4	511.8
9-Apr-17				502.7	
16-Apr-17	509.9	511.9	515.6	502.6	512.0
11-May-17	511.6	511.9	517.2	502.7	512.0
21-May-17				502.6	
13-Jun-17				502.3	
25-Jun-17	509.5	511.9	515.1	502.4	512.0
19-Jul-17	509.5	511.9	515.1	502.4	512.0
3-Aug-17				503.2	
17-Aug-17	508.2	511.7	513.2	502.1	511.8
29-Aug-17					
17-Sep-17	507.4	511.7	511.4	502.1	511.8
26-Sep-17				502.0	
15-Oct-17	506.9	511.7	510.9	502.1	511.8
14-Nov-17	506.8	511.6	511.0	502.1	511.7
11-Dec-17	507.6	511.6	512.1	502.2	511.7

Table B-1 Groundwater Elevations - Main Quarry Monitoring Wells

Well Name	MW6	BH98-8	BH98-9	BH98-12	PW99-1
Flow System	AM	AF	AF	AF	AF
Date TOP	534.9	517.3	526.4	527.2	514.0
14-Jan-18	507.7	511.8	512.2	502.4	511.9
11-Feb-18				502.2	
18-Feb-18	508.6	512.5	513.2	502.8	512.6
18-Mar-18	509.6	511.7	514.7	502.4	511.8
15-Apr-18	508.6	511.9	513.6	502.5	512.0
17-May-18	510.4	511.9	515.7	502.6	512.0
18-Jun-18	508.8	511.7	513.4	502.2	511.8
17-Jul-18	507.9	511.6	512.1	502.0	511.7
22-Aug-18	507.0	511.6	510.9	502.1	511.7
18-Sep-18	506.8	511.6	510.5	501.9	511.7
23-Oct-18	506.2	511.5	509.8	501.9	511.6
19-Nov-18	506.0	511.5	510.0	502.1	(2)
10-Dec-18		511.7		502.1	(2)
17-Jan-19	507.4	511.7	512.2	502.2	510.8
14-Feb-19	508.3	511.8	513.1	(2)	511.9
11-Mar-19	508.1	511.6	513.0	502.5	511.7
26-Apr-19	510.7	512.2	516.7	502.9	512.3
22-May-19	510.2	511.9	516.1	502.5	512.0
19-Jun-19	509.4	511.8	514.4	502.3	511.8
19-Jul-19	508.2	511.7	512.5	502.0	511.8
27-Aug-19	507.3	511.8	511.2	502.0	511.8
16-Sep-19	508.1	511.7	512.4	502.0	511.8
21-Oct-19	507.7	511.7	511.5	502.0	511.8
18-Nov-19	507.9	511.8	511.6	502.0	511.8
17-Dec-19	508.5	511.8	512.5	502.0	511.9
14-Jan-20	509.8	511.9	513.7	502.3	511.9
18-Feb-20	(2)	(2)	(2)	(2)	508.4
24-Mar-20	505.9	512.0	514.4		512.2
22-Apr-20	510.2		515.6		
27-May-20				502.3	511.9
26-Jun-20	509.4	511.9	513.8	502.2	
28-Jul-20	508.0	(5)	514.9	502.1	511.9
31-Aug-20	508.3	(5)	511.5	(5)	511.7
28-Sep-20	506.9	510.9	509.5	501.5	
27-Oct-20		(5)	(5)	501.7	511.6
24-Nov-20		512.6	510.9	501.9	511.7
21-Dec-20		512.4	512.3	502.0	511.5
29-Jan-21	(2)	512.2	513.7	502.1	511.3
19-Feb-21	(2)	(2)	(2)	503.1	(2)
31-Mar-21	(3)	512.2	(5)	503.4	512.3
29-Apr-21	508.8	511.4	(5)	500.7	512.5

Table B-1 Groundwater Elevations - Main Quarry Monitoring Wells

Well Name	MW6	BH98-8	BH98-9	BH98-12	PW99-1	
Flow System	AM	AF	AF	AF	AF	
Date	TOP	534.9	517.3	526.4	527.2	514.0
28-May-21	508.8	510.9	509.8	502.1	512.3	
25-Jun-21	(5)	511.2	510.8	501.4	512.1	
26-Jul-21	507.6	511.7	511.6	500.9	511.8	
24-Aug-21	507.1	511.6	511.0	501.9	511.8	
22-Sep-21	506.8	(3)	511.7	501.2	511.6	
29-Oct-21	507.0	(3)	511.7	501.7	511.4	
24-Nov-21	508.9	512.1	511.3	502.2	511.3	
23-Dec-21	509.5	512.3	512.4	502.3	511.3	
26-Jan-22	(2)	511.2	(2)	501.2	510.2	
10-Feb-22	507.9	510.7	(2)	500.3	509.4	
16-Mar-22	509.0	(2)	(2)	501.3	(2)	
22-Apr-22	510.2	511.0	510.0	502.5	512.3	
26-May-22	509.8	511.1	510.4	502.5	512.3	
20-Jun-22	510.2	511.0	510.5	(5)	512.4	
31-Aug-22	506.9	511.7	511.2	501.9	511.9	
28-Sep-22		511.8		502.0	512.0	
29-Sep-22	506.7		510.3			
26-Oct-22			510.1			
28-Oct-22	506.4	511.7		501.8	511.8	
21-Nov-22			509.8			
27-Mar-23	507.2					
30-May-23	509.4		514.3			
31-May-23		512.0		502.2	512.1	
31-Oct-23		511.9			512.0	
1-Nov-23	506.8		510.5	501.9		

Table B-2 Groundwater Elevations - Extension Quarry Monitoring Wells

Well Name	BH02-1	BH02-2	BH02-3	BH02-4	BH02-5	BH02-5 (mid)	BH02-5 (shallow)	BH02-6	BH03-7-I	BH03-7-II	BH03-7-III
Flow System	AF	AF	AF	AF	AF	AM	OB	AF	AM	OB	AF
Date TOP	523.3	523.2	530.6	530.7	513.9	514.2	514.2	530.3	511.0	511.0	511.7
28-Mar-03		521.1	526.3	526.4	511.1			521.8			
2-May-03	514.5	517.8	(1)	521.9	510.6			519.5	510.3	510.1	
16-May-03	514.3	517.3	521.2	521.0	510.4			519.1	510.2	510.0	
25-Jun-03	515.0	517.1	(1)	520.4	509.1			518.6	510.0	509.9	
22-Jul-03	514.7	516.8	(1)	519.6	509.7			517.8	510.7	510.7	
20-Aug-03	513.2	516.3	(1)	518.8	509.1			517.3	509.2	509.4	
25-Sep-03	511.6	515.8	(1)	518.2	508.7			516.8	508.7	508.9	
22-Oct-03	512.8	515.5	(1)	517.9	509.2			516.9	509.2	509.6	
25-Nov-03	514.4	518.0	522.9	522.6	510.5			519.6	510.2	510.0	
22-Dec-03	514.5	518.0	522.5	522.2	510.5			519.1	510.2	510.0	
9-Feb-04	514.2	517.3	521.0	520.8	510.2			518.4	(2)	509.9	
16-Mar-04	514.8	518.2	523.1	522.9	510.7			519.8	(2)	510.1	
20-Apr-04	515.3	518.5	523.5	523.4	511.0			520.5	510.5	510.1	
18-May-04	515.8	517.6	522.0	521.7	510.5			520.7	510.2	510.0	
22-Jun-04	514.3	517.3	521.3	521.1	510.2			518.6	510.2	510.1	
28-Jul-04	513.6	516.7	(1)	519.4	509.8			517.6	509.7	509.8	
25-Aug-04	512.5	516.2	(1)	517.8	508.9			517.1	509.1	509.2	
22-Sep-04	512.5	515.8	(1)	518.2	508.8			516.6	508.8	509.0	
19-Oct-04	512.2	515.5	(1)	517.9	508.5			516.3	508.5	508.8	
16-Nov-04	512.1	515.2	(1)	517.6	508.6			516.0	508.6	509.0	
16-Dec-04	512.0	515.1	(1)	517.5	509.1			515.9	509.1	509.5	
31-Jan-05	514.4	517.5	521.7	521.4	510.4			518.5	(2)	510.0	
24-Feb-05	514.1	517.3	520.8	520.5	510.2			518.0	509.8	510.0	
22-Mar-05	(2)	517.2	520.6	520.4	510.2			(2)	509.9	510.0	
20-Apr-05	517.7	521.5	526.3	526.1	511.5			522.0	510.8	510.2	
25-May-05	514.3	517.5	521.9	521.7	510.4			519.0	510.2	510.0	
29-Jun-05	513.6	517.0	520.0	519.8	510.0			517.9	509.9	509.9	
13-Jul-05	513.3	516.8	520.3	519.4	509.6			517.5	509.5	509.6	
23-Aug-05	512.2	516.0	(1)	518.4	508.9			516.6	508.9	509.0	
26-Sep-05	511.6	515.6	(1)	517.9	508.4			516.0	508.4	508.5	
26-Oct-05	511.3	515.2	(1)	517.6	508.2			515.7	508.3	508.5	
16-Nov-05	511.2	515.0	(1)	517.4	508.3			515.6	508.4	509.3	
14-Dec-05	510.6	515.1	(1)	517.7	509.0			515.9	509.1	509.4	
20-Jan-06	510.7	517.7	521.8	523.1	510.1			517.8	510.0	509.9	
14-Feb-06	(2)	517.8	522.2	521.9	510.4			517.8	510.2	510.0	
19-Mar-06	515.4	519.4	524.3	524.3	511.0			520.4	(2)	510.1	
17-Apr-06	515.4	518.6	523.6	523.4	511.1			520.7	510.1	510.1	
19-May-06	513.4	517.3	521.5	521.3	510.4			518.8	510.2	510.0	
19-Jun-06	511.5	516.9	(1)	519.7	510.0			517.8	509.9	509.9	
10-Jul-06	510.6	516.5	(1)	519.0	509.5			517.2	509.5	509.5	

Table B-2 Groundwater Elevations - Extension Quarry Monitoring Wells

Well Name	BH02-1	BH02-2	BH02-3	BH02-4	BH02-5	BH02-5 (mid)	BH02-5 (shallow)	BH02-6	BH03-7-I	BH03-7-II	BH03-7-III
Flow System	AF	AF	AF	AF	AF	AM	OB	AF	AM	OB	AF
Date TOP	523.3	523.2	530.6	530.7	513.9	514.2	514.2	530.3	511.0	511.0	511.7
22-Aug-06	509.8	515.7	(1)	518.1	508.7			516.1	508.7	508.7	
18-Sep-06	509.3	515.4	(1)	517.7	508.4			515.7	508.4	508.5	
17-Oct-06	508.8	515.1	(1)	517.4	508.5			515.5	508.5	509.0	
20-Nov-06	509.2	517.7	522.2	523.3	510.3			518.8	510.2	510.0	
15-Dec-06	511.7	518.7	523.4	523.7	510.7			520.3	510.4	510.1	
28-Dec-06											
5-Jan-07											
12-Jan-07											
19-Jan-07											
22-Jan-07	512.1	517.5	521.6	521.4	510.4			518.6	510.2	510.0	
26-Jan-07											
2-Feb-07											
9-Feb-07											
16-Feb-07											
19-Feb-07	(2)	516.6	520.3	520.1	510.2			517.7	510.0	510.0	
22-Feb-07											
2-Mar-07											
9-Mar-07											
16-Mar-07											
18-Mar-07	512.1	518.8	523.7	523.3	510.7			519.9	(2)	510.1	
19-Mar-07											
5-Apr-07											
13-Apr-07											
15-Apr-07	513.1	518.3	523.0	522.8	510.8			520.1	510.2	510.1	
17-Apr-07											
20-Apr-07											
27-Apr-07											
4-May-07											
11-May-07											
17-May-07	512.2	517.2	521.0	520.7	510.3			518.4	510.2	510.0	
18-May-07											
25-May-07											
1-Jun-07											
8-Jun-07											
14-Jun-07											
21-Jun-07	510.0	516.8	(1)	519.5	509.8			517.6	509.8	509.8	
29-Jun-07											
6-Jul-07											
17-Jul-07	508.8	516.3	(1)	518.7	509.3			516.8	509.2	509.3	
20-Jul-07											

Table B-2 Groundwater Elevations - Extension Quarry Monitoring Wells

Well Name	BH02-1	BH02-2	BH02-3	BH02-4	BH02-5	BH02-5 (mid)	BH02-5 (shallow)	BH02-6	BH03-7-I	BH03-7-II	BH03-7-III
Flow System	AF	AF	AF	AF	AF	AM	OB	AF	AM	OB	AF
Date TOP	523.3	523.2	530.6	530.7	513.9	514.2	514.2	530.3	511.0	511.0	511.7
27-Jul-07											
3-Aug-07											
10-Aug-07											
17-Aug-07											
21-Aug-07	508.0	515.6	(1)	518.0	508.6			515.8	508.6	508.5	
30-Aug-07											
7-Sep-07											
12-Sep-07	507.6			517.6						508.5	
14-Sep-07											
18-Sep-07	507.5	515.2	(1)	517.5	508.3			515.6	508.3	508.4	
28-Sep-07											
14-Oct-07	507.1	514.9	(1)	517.2	508.1			515.1	508.2	508.3	
2-Nov-07											
9-Nov-07											
16-Nov-07											
18-Nov-07	506.7	514.8	(1)	517.1	508.5			514.8	508.6	508.3	
22-Nov-07											
2-Dec-07											
9-Dec-07	506.5	514.7	(1)	517.2	509.0			514.7	509.1	509.5	
13-Dec-07											
28-Dec-07											
4-Jan-08											
11-Jan-08											
18-Jan-08											
20-Jan-08	513.9	518.5	523.2	523.0	510.7			519.8	(2)	510.1	
24-Jan-08											
4-Feb-08											
8-Feb-08											
15-Feb-08											
21-Feb-08	512.6	518.3	522.2	522.0	510.5			518.7	(2)	510.1	
29-Feb-08											
7-Mar-08											
14-Mar-08											
19-Mar-08	512.5	518.0	522.0	521.9	510.3			519.8	(2)	510.0	
28-Mar-08											
4-Apr-08											
7-Apr-08	513.8	522.0	526.4	526.3	510.7			520.8	510.4	510.2	
11-Apr-08											
18-Apr-08											
20-Apr-08	515.6	519.3	524.5	524.4	511.2			522.2	510.7	510.2	

Table B-2 Groundwater Elevations - Extension Quarry Monitoring Wells

Well Name	BH02-1	BH02-2	BH02-3	BH02-4	BH02-5	BH02-5 (mid)	BH02-5 (shallow)	BH02-6	BH03-7-I	BH03-7-II	BH03-7-III
Flow System	AF	AF	AF	AF	AF	AM	OB	AF	AM	OB	AF
Date TOP	523.3	523.2	530.6	530.7	513.9	514.2	514.2	530.3	511.0	511.0	511.7
21-Apr-08											
3-May-08											
8-May-08											
20-May-08	513.1	517.4	521.8	520.8	510.5			519.1	510.2	510.0	
25-May-08											
6-Jun-08											
13-Jun-08											
16-Jun-08	511.0	517.0	(1)	519.9	509.8			517.8	510.0	509.9	
20-Jun-08											
27-Jun-08											
4-Jul-08											
11-Jul-08											
14-Jul-08	509.2	516.8	521.5	519.6	509.6			516.9	509.8	509.8	
25-Jul-08											
1-Aug-08											
3-Aug-08											
15-Aug-08											
18-Aug-08	508.1	516.2	(1)	518.7	509.9			517.3	509.9	509.8	
4-Sep-08	507.6	516.0		518.4				516.9			
5-Sep-08											
12-Sep-08											
14-Sep-08	507.5	515.9	(1)	518.3	509.7			516.8	509.8	509.8	
15-Sep-08											
3-Oct-08											
10-Oct-08											
19-Oct-08	507.5	517.0	(1)	520.0	510.6			517.3	509.8	509.8	
20-Oct-08											
14-Nov-08											
16-Nov-08											
23-Nov-08	508.6		(1)	523.1	510.9			520.1	510.0	509.9	
30-Nov-08											
7-Dec-08											
14-Dec-08		516.3	524.5	523.4	511.3			520.5	510.3	510.3	
28-Dec-08											
4-Jan-09											
18-Jan-09	516.5	515.9	522.6	522.4	510.2			519.4	(2)	(2)	
8-Feb-09	516.4		520.8	520.7	510.5			518.1	510.2	510.2	
15-Feb-09											
1-Mar-09											
15-Mar-09	514.3	516.6	524.5	524.3	511.0			520.8	510.6	510.1	

Table B-2 Groundwater Elevations - Extension Quarry Monitoring Wells

Well Name	BH02-1	BH02-2	BH02-3	BH02-4	BH02-5	BH02-5 (mid)	BH02-5 (shallow)	BH02-6	BH03-7-I	BH03-7-II	BH03-7-III	
Flow System	AF	AF	AF	AF	AF	AM	OB	AF	AM	OB	AF	
Date	TOP											
		523.3	523.2	530.6	530.7	513.9	514.2	514.2	530.3	511.0	511.0	511.7
26-Mar-09												
29-Mar-09												
12-Apr-09		513.8	517.2	524.7	524.7	511.1		520.8	510.7	510.7		
26-Apr-09												
3-May-09												
10-May-09												
17-May-09		513.0	517.3	525.0	524.9	511.3		521.1	510.6	510.7		
24-May-09												
7-Jun-09												
14-Jun-09		510.9	517.1	520.5	520.3	510.1		518.0	510.0	510.1		
21-Jun-09												
28-Jun-09												
12-Jul-09		509.1	516.8	(1)	519.1	509.5		517.2	509.7	509.8		
19-Jul-09												
9-Aug-09		507.5	516.6	520.0	519.0	509.3		516.3	509.7	509.7		
16-Aug-09												
23-Aug-09												
13-Sep-09		506.6	515.3	(1)	517.6	508.9		515.4	508.8	509.0		
20-Sep-09												
11-Oct-09		506.4	515.0	520.2	517.4	509.1		515.6	509.2	509.5		
15-Nov-09		506.1	515.2	520.3	517.5	509.2		515.2	509.4	509.7		
29-Nov-09		506.0			518.2					509.6		
13-Dec-09		506.0	515.3	(1)	519.1	509.7		515.9	509.7	509.8		
17-Jan-10		506.0	516.6	(1)	519.3	509.8		516.4	509.8	509.8		
7-Feb-10		506.1	517.0	520.4	520.1	509.9		516.8	509.8	509.9		
14-Mar-10		509.3	519.2	521.5	520.4	510.9		520.7	510.6	510.5		
18-Apr-10		513.4	518.1	522.3	522.0	510.7		520.1	510.1	510.4		
16-May-10		511.3	517.7	521.7	521.4	510.9		519.8	510.1	510.4		
8-Jun-10		510.8			520.8				510.1	510.4		
13-Jun-10		510.6	516.9	520.3	521.0	509.6		518.9	510.0	510.3		
21-Jul-10		509.9	517.0	520.4	520.3	510.3		518.4	510.0	510.3		
16-Aug-10		509.1	516.9	520.2	520.0	509.6		517.8	510.0	510.2		
12-Sep-10		507.5		(1)	518.8	509.5		516.8	509.4	509.6		
26-Sep-10		507.0			518.5					509.7		
17-Oct-10		506.8	516.8	520.2	519.5	509.9		517.0	509.8	509.8		
14-Nov-10		506.8	516.9		519.5	510.1		518.6	509.9	509.9		
19-Dec-10		507.4	517.0	521.5	521.2	510.4		518.5	510.2	510.0		
16-Jan-11			517.3	522.2	521.0	510.6		519.3	(2)	(2)		
20-Feb-11		507.2	517.2	522.3	522.1	510.5		518.8	(2)	(2)		
13-Mar-11		506.9	517.9	522.5	522.2	510.6		519.4	510.0	510.1		

Table B-2 Groundwater Elevations - Extension Quarry Monitoring Wells

Well Name	BH02-1	BH02-2	BH02-3	BH02-4	BH02-5	BH02-5 (mid)	BH02-5 (shallow)	BH02-6	BH03-7-I	BH03-7-II	BH03-7-III
Flow System	AF	AF	AF	AF	AF	AM	OB	AF	AM	OB	AF
Date TOP	523.3	523.2	530.6	530.7	513.9	514.2	514.2	530.3	511.0	511.0	511.7
17-Apr-11	514.3	518.2	523.4	523.2	511.1			520.7	510.6	510.1	
15-May-11	513.4	518.3	523.5	523.5	511.0			521.3	510.6	510.1	
13-Jun-11	512.5	517.0	522.1	521.9	510.5			519.5	510.6	510.0	
3-Jul-11	510.6										
17-Jul-11	509.7	516.9	(1)	520.2	509.8			517.8	509.7	509.7	
14-Aug-11	507.7		(1)	518.7	509.4			517.7	509.6	509.6	
18-Sep-11	507.3	516.7	(1)	516.1	507.3			517.5	507.5	507.5	
17-Oct-11	507.1	515.9	(1)	516.0	507.1			515.0	507.7	507.7	
20-Nov-11	505.9	515.8	(1)	518.6	509.7			516.0	509.7	509.8	
18-Dec-11	505.9	516.0	522.1	521.8	509.8			515.6	510.3	510.0	
15-Jan-12	506.2	516.0	521.7	520.9	510.8			518.4	510.2	510.0	
19-Feb-12	505.2	516.0	521.4	521.2	510.3			518.4	510.2	510.0	
26-Feb-12	509.7			520.5						510.0	
18-Mar-12	511.8	519.9	525.1	524.7	511.3			521.4	510.8	510.2	
15-Apr-12	512.7	518.0	521.4	521.3	510.3			518.7	510.0	510.1	
13-May-12	510.0	517.5	520.4	520.1	510.2			518.3	510.0	510.1	
17-Jun-12	508.1	517.3	(1)	519.0	509.1			517.3	509.8	509.8	
1-Jul-12	507.2			515.8						509.5	
15-Jul-12	506.7	516.5	(1)	518.1	509.3			516.4	509.4	509.4	
12-Aug-12	507.8	517.5	(1)	518.1	509.8			516.3	509.9	509.9	
16-Sep-12	505.8	515.8	(1)	518.4	509.3			516.2	509.3	509.5	
9-Oct-12	505.7			518.3						509.4	
14-Oct-12	506.3	515.7	(1)	518.2	509.3			516.1	509.5	509.4	
18-Nov-12	509.4	516.3	522.9	523.1	510.8			520.4	510.0	510.6	
16-Dec-12	510.2	517.7	523.8	523.9	511.0			519.2	510.2	510.7	
13-Jan-13	511.2	519.7	524.5	524.0	511.3			520.9	510.6	510.1	
17-Feb-13	510.7	518.9	524.6	524.1	511.1			521.6	510.6	510.1	
17-Mar-13	510.8	518.9	524.6	524.0	511.0			521.6	510.6	510.0	
31-Mar-13	510.8			521.5						510.1	
14-Apr-13	513.2	519.3	524.8	522.1	511.2			521.3	510.7	510.1	
12-May-13	513.5	517.6	522.2	522.1	511.0			519.5	510.0	510.3	
2-Jun-13	511.4			521.7						510.1	
16-Jun-13	510.8	517.4	525.6	521.2	510.7			518.8	510.0	510.0	
14-Jul-13	509.1	516.9	522.3	520.4	510.6			518.2	509.8	508.9	
18-Aug-13	507.4	516.8	522.2	520.4	510.5			517.2	509.8	509.8	
15-Sep-13	506.7	516.7	522.1	518.2	510.4			516.4	509.7	509.8	
13-Oct-13	506.9	516.5	520.2	520.6	510.2			518.1	510.1	510.0	
17-Nov-13	507.3	518.0	520.3	520.9	510.2			518.3	510.3	510.2	
15-Dec-13	507.1	517.8	520.3	520.8	510.2			518.3	510.4	510.3	
19-Jan-14	507.2	517.8	520.2	520.8	510.2			518.4	(2)	(2)	

Table B-2 Groundwater Elevations - Extension Quarry Monitoring Wells

Well Name	BH02-1	BH02-2	BH02-3	BH02-4	BH02-5	BH02-5 (mid)	BH02-5 (shallow)	BH02-6	BH03-7-I	BH03-7-II	BH03-7-III
Flow System	AF	AF	AF	AF	AF	AM	OB	AF	AM	OB	AF
Date TOP	523.3	523.2	530.6	530.7	513.9	514.2	514.2	530.3	511.0	511.0	511.7
16-Feb-14	507.4	517.9	520.3	522.1	510.3			518.5	(2)	(2)	
17-Mar-14	507.4	517.9	520.4	522.0	510.4			518.5	(2)	(2)	
13-Apr-14	515.9	522.2	527.4	526.7	512.0			522.6	510.6	510.6	
11-May-14	513.2	516.9	522.6	521.9	510.4			519.7	510.3	510.3	
15-Jun-14	509.8	516.8	(1)	520.0	509.8			517.6	509.9	510.0	
13-Jul-14	510.0	516.7	520.1	519.9	509.7			517.0	510.0	510.0	
17-Aug-14	506.1	516.2	(1)	517.5	509.6			515.5	509.5	509.7	
7-Sep-14	505.5	515.0	(1)	517.2	509.5			515.2	509.5	509.6	
12-Sep-14	505.5			517.2						509.7	
19-Sep-14											
19-Oct-14	505.3	515.3	(1)	518.0	509.5			514.8	510.2	510.2	
2-Nov-14	505.5										
16-Nov-14	506.3	516.5	521.7	520.9	510.5			518.1	510.0	510.3	
14-Dec-14	506.4	516.5	521.8	521.0	510.6			518.1	510.3	510.4	
18-Jan-15	508.7	516.7	521.3	521.1	510.4			517.8	(2)	(2)	
15-Feb-15											
15-Mar-15	507.0	516.2	(1)	518.5	510.0	510.2	510.1	516.0	510.0	509.8	
19-Apr-15	513.8	518.4	522.2	521.8	511.0	511.1		520.2	510.1	510.6	511.0
17-May-15	510.2	517.0	(1)	520.0	510.3	510.4	510.3	517.7	510.0	510.1	510.6
14-Jun-15	508.1	517.1	(1)	519.0	510.2	510.3		516.5	510.0	510.1	
19-Jul-15	507.3	517.1	520.4	520.2	510.8	510.4		517.4	510.0	510.1	
9-Aug-15	506.4	516.9	(1)	519.0	509.9	510.0		516.2	509.8	509.9	
6-Sep-15	505.7	515.8	(1)	518.0	509.5	509.6	509.5	515.2	509.5	509.5	509.9
11-Oct-15	505.1	514.8	(1)	517.1	509.0	509.2	509.1	512.8	509.1	509.0	509.5
15-Nov-15	504.9	514.6	(1)	516.9	509.5	509.7	509.5	511.3	509.7	509.6	510.0
9-Dec-15	504.7	515.8	(1)	517.7	509.8	510.0	509.9	510.5	509.8	509.8	510.2
17-Jan-16	505.4	517.2	520.5	520.1	510.3	510.4	510.4	509.6	510.1	510.0	510.6
14-Feb-16	507.6	517.5	520.9	520.6	510.4	510.6	510.5	509.7	510.2	510.1	510.6
13-Mar-16	514.8	520.2	523.4	523.3	511.5	511.6	511.7	516.0	510.9	510.2	511.4
17-Apr-16	514.0	518.6	523.1	523.0	511.0	511.2	511.2	514.5	510.6	510.3	510.8
1-May-16											
15-May-16	511.5	517.1	520.5	520.3	510.2	510.8	510.6	512.6	510.2	510.1	510.7
5-Jun-16											
19-Jun-16	508.8	516.7	(1)	518.3	509.9	510.1	510.0	511.0	509.9	509.9	510.3
3-Jul-16											
17-Jul-16	506.7	515.3	(1)	516.8	509.4	509.6	509.5	509.8	509.4	509.4	509.8
24-Jul-16	506.3			516.6						509.2	
7-Aug-16											
21-Aug-16	505.2	514.5	(1)	516.0	508.9	509.1	509.0	509.2	508.9	509.1	509.4
18-Sep-16	504.7	514.2	(1)	515.5	508.6	508.8	508.7	508.9	508.6	508.8	509.1

Table B-2 Groundwater Elevations - Extension Quarry Monitoring Wells

Well Name	BH02-1	BH02-2	BH02-3	BH02-4	BH02-5	BH02-5 (mid)	BH02-5 (shallow)	BH02-6	BH03-7-I	BH03-7-II	BH03-7-III
Flow System	AF	AF	AF	AF	AF	AM	OB	AF	AM	OB	AF
Date TOP	523.3	523.2	530.6	530.7	513.9	514.2	514.2	530.3	511.0	511.0	511.7
29-Sep-16	504.6			515.3						508.7	
16-Oct-16	504.4	513.8	(1)	514.9	508.4	508.5	508.5	508.6	508.4	508.5	508.9
13-Nov-16	504.2	513.5	(1)	514.4	508.4	508.6	508.5	508.3	508.4	508.8	508.9
27-Nov-16	504.1			514.2						509.3	
11-Dec-16	504.0	513.3	(1)	514.1	508.8	508.9	508.8	508.1	508.8	509.3	509.3
15-Jan-17	504.0	517.2	(1)	518.9	510.4	510.5	510.4	510.1	510.2	510.0	510.6
12-Feb-17	505.2	517.1	(1)	517.4	510.3	510.5	510.4	509.8	510.2	510.0	510.6
19-Mar-17	511.9	517.5	(1)	519.6	510.6	510.8	510.8	510.3	510.1	510.1	510.8
9-Apr-17	512.7			523.4						510.2	
16-Apr-17	512.8	518.3	521.2	521.0	511.0	511.1	511.2	511.8	510.5	510.1	510.9
11-May-17	513.3	517.8	521.4	521.2	510.7	511.0	511.1	513.6	510.4	510.1	510.9
21-May-17	513.0			520.7						510.1	
13-Jun-17	511.1	518.6									
25-Jun-17	510.5	517.4	(1)	518.8	510.7	510.9	510.9	513.2	510.4	510.1	510.8
19-Jul-17	510.5	517.4	(1)	518.8	510.7	510.5	510.4	513.2	510.4	510.1	510.6
3-Aug-17	509.0			516.3						510.3	
17-Aug-17	508.0	514.9	(1)	515.4	509.9	510.0	510.0	511.3	509.9	509.9	510.3
29-Aug-17	507.2			514.5						509.8	
17-Sep-17	506.3	513.5	(1)	513.6	509.6	509.8	509.7	510.1	509.6	509.7	510.0
26-Sep-17										509.6	
15-Oct-17	505.3	513.2	(1)	512.8	509.9	510.0	509.9	509.1	509.9	509.9	510.3
14-Nov-17	505.2	514.8	(1)	512.9	510.2	510.3	510.2	513.2	510.1	510.0	510.5
11-Dec-17	507.6	515.9	(1)	513.5	510.3	510.4	510.4	509.8	510.1	510.0	510.6
14-Jan-18	509.1	518.1	(1)	514.2	510.8	511.0	510.9	510.4	(2)	(2)	(2)
11-Feb-18	509.8			514.1						(2)	
18-Feb-18	510.2	519.4	520.3	516.5	510.7	510.9	510.8	(5)	510.6	510.2	511.0
18-Mar-18	511.4	516.9		514.5	510.5	510.6	510.6	512.2			510.7
15-Apr-18											
18-Apr-18	511.0	517.2		514.1	510.7	510.8	510.8	517.2			
17-May-18	512.5	517.0	520.4	515.4	510.7	511.0	510.8	513.0	510.4	510.1	510.8
18-Jun-18	509.6	514.3	520.3	512.6	510.0	510.2	510.1	511.8	509.9	509.9	510.4
17-Jul-18	507.3	513.0	520.2	511.7	509.5	509.6	509.5	511.0	509.3	509.4	509.8
22-Aug-18	505.9	512.2	520.3	511.6	508.9	509.0	509.0	509.4	509.0	509.5	509.4
18-Sep-18	504.7	511.8	520.3	510.2	508.6	508.8	508.7	508.9	508.8	508.8	509.1
23-Oct-18	504.1	511.2	520.3	509.6	508.6	508.7	508.8	508.1	508.6	508.9	509.0
19-Nov-18	504.0	512.7	520.3	509.6	509.7	509.8	509.7	507.9	509.7	509.8	510.1
10-Dec-18	504.6	516.3		510.9	510.2	510.4	510.2		510.0	510.0	510.5
17-Jan-19	507.8	516.9		512.0	510.4	510.6	510.6	509.4	510.2	510.0	510.6
14-Feb-19	509.6	516.8	(2)	511.8	(2)	510.5	510.5	512.4	(2)	(2)	510.6
11-Mar-19	511.1	517.9		(5)	510.6	511.2	511.0	510.8	(2)	510.1	510.6

Table B-2 Groundwater Elevations - Extension Quarry Monitoring Wells

Well Name	BH02-1	BH02-2	BH02-3	BH02-4	BH02-5	BH02-5 (mid)	BH02-5 (shallow)	BH02-6	BH03-7-I	BH03-7-II	BH03-7-III
Flow System	AF	AF	AF	AF	AF	AM	OB	AF	AM	OB	AF
Date TOP	523.3	523.2	530.6	530.7	513.9	514.2	514.2	530.3	511.0	511.0	511.7
26-Apr-19	514.3	519.3		514.8	511.1	511.5	511.2	513.7	510.4	510.1	511.1
22-May-19	512.2	517.0		514.0	510.5	510.8	510.8	514.0	510.4	510.1	510.8
19-Jun-19	509.6	515.3			510.1	510.4	510.4	513.4	510.1	510.0	510.5
19-Jul-19	507.8	512.7			509.7	509.8	509.7	511.9	509.6	509.6	510.0
27-Aug-19	505.7	511.0			509.3	509.1	509.0	512.0	508.9	509.0	509.5
16-Sep-19	505.8	511.0			509.2	509.1	509.0	511.9	508.6	508.5	509.2
21-Oct-19	503.9	510.1			508.3	508.3	508.3	511.9	508.4	508.4	509.1
18-Nov-19	504.0	510.1			508.3	508.4	508.3	512.0	508.4	508.4	509.1
17-Dec-19	504.3	510.2			508.4	508.8	508.7	511.9	509.8	509.8	510.3
14-Jan-20	507.1	517.1			510.7	510.9	510.7	512.8	(5)	509.6	(5)
18-Feb-20	(2)	(2)			(2)	(2)	(2)	(2)	(2)	510.0	(2)
24-Mar-20	512.3	517.5			511.1	511.2	511.3	511.1			
22-Apr-20	512.1	516.8			510.7	511.0	511.0	512.8	510.3	510.1	510.8
27-May-20	508.6	515.3			510.3	510.4	510.3		510.2	510.0	510.1
26-Jun-20	508.6	516.7			510.2	510.5	510.4	512.3	509.8	510.2	510.6
28-Jul-20					510.2	510.3	510.6	511.1	509.9	509.9	510.4
31-Aug-20		512.0			509.8	510.0	510.0	510.5	509.2	509.2	509.8
28-Sep-20					510.1	510.1	510.4	509.1	509.5	509.3	510.2
27-Oct-20		511.1			509.6	510.0	510.1	509.1	509.7	509.7	510.1
24-Nov-20		510.8			510.0	509.4	510.1	509.1	509.9	509.9	510.4
21-Dec-20		514.8			510.2	511.0	510.2	510.9	509.6	509.6	510.2
29-Jan-21		517.1			510.7	510.9	510.7	512.8	(5)	509.6	(5)
19-Feb-21		516.9			510.8	510.9	510.9	510.4	(2)	(2)	(2)
31-Mar-21		516.8			510.8	511.0	511.0	513.3		509.8	
29-Apr-21		516.9			510.8	510.8	511.0	512.5	510.3	510.0	510.7
28-May-21		511.3			510.1	510.3	510.2	512.5	510.2	509.9	510.6
25-Jun-21		510.0			510.7	510.0	509.7	511.6	509.7	509.8	510.3
26-Jul-21		507.4			509.5	509.6	509.5	510.3	509.5	509.6	510.0
24-Aug-21		507.1			509.6	509.5	509.4	509.4	509.1	509.3	(5)
22-Sep-21		506.9			509.2	509.4	509.4	511.0	509.6	509.5	509.9
29-Oct-21		511.1			509.9	510.0	509.9	509.1	509.7	509.7	510.1
24-Nov-21		513.9			510.5	510.7	510.6	510.5	510.3	510.1	510.7
23-Dec-21		514.2			510.6	510.8	510.5	510.6	510.3	510.0	510.7
26-Jan-22		513.4			510.0	510.3	510.1	509.4	510.0	509.0	509.6
10-Feb-22		512.8			509.6	509.8	509.6	508.4	509.1	508.5	509.0
16-Mar-22		(2)			(2)	(2)	(2)	(2)	(2)	(2)	(2)
22-Apr-22		510.7			510.6	510.7	510.6	514.3	510.2	510.1	510.6
26-May-22		510.1			510.4	510.3	510.5	513.2	510.2	510.0	510.6
20-Jun-22											
22-Jun-22		510.2			510.5	(5)	510.6	513.3	510.3	510.0	510.7

Table B-2 Groundwater Elevations - Extension Quarry Monitoring Wells

Well Name	BH02-1	BH02-2	BH02-3	BH02-4	BH02-5	BH02-5 (mid)	BH02-5 (shallow)	BH02-6	BH03-7-I	BH03-7-II	BH03-7-III
Flow System	AF	AF	AF	AF	AF	AM	OB	AF	AM	OB	AF
Date	TOP										
	523.3	523.2	530.6	530.7	513.9	514.2	514.2	530.3	511.0	511.0	511.7
30-Aug-22		506.8			509.4	509.5	(5)	511.3			
31-Aug-22									509.8	509.6	510.1
27-Sep-22											
28-Sep-22		508.6			508.6	508.7	508.7	509.0			
29-Sep-22									508.8	509.5	509.2
26-Oct-22									508.6	509.0	509.0
28-Oct-22		505.5			508.5	508.6	508.5	508.5			
23-Nov-22									508.5		508.9
29-May-23									510.4	510.0	510.6
30-May-23		510.6			510.2	510.3	510.3	512.7			
12-Jul-23									509.9		
30-Oct-23											
31-Oct-23									509.4	509.7	509.8
1-Nov-23		510.4			509.3	509.4	509.4	509.3			

Table B-2 Groundwater Elevations - Extension Quarry Monitoring Wells

Well Name	BH03-8	BH03-9	TW04-1	TW04-2	TW04-3	BH08-1	BH08-2	BH08-3	NW1	NW2	NW3
Flow System	AF	AF	AF	AF	AF	AF	AF	AF	AF	AF	AF
Date TOP	520.8	518.9	517.5	518.1	518.6	512.3	512.0	513.4	526.2	532.0	515.1
28-Mar-03											
2-May-03	514.9	515.9									
16-May-03	514.6	515.8									
25-Jun-03	514.4	515.8									
22-Jul-03		515.8									
20-Aug-03	513.9	515.8									
25-Sep-03	513.6	515.7									
22-Oct-03	513.7	515.8									
25-Nov-03	514.4	515.9									
22-Dec-03	514.8	515.8									
9-Feb-04	514.7	515.8									
16-Mar-04	515.2	515.9									
20-Apr-04	515.9	515.9									
18-May-04	515.1	515.8									
22-Jun-04	514.7	515.8									
28-Jul-04	514.2	515.7									
25-Aug-04	513.9	515.7									
22-Sep-04	513.7	515.7									
19-Oct-04	513.5	515.7									
16-Nov-04	(2)	(2)	515.7	515.7	515.7						
16-Dec-04	513.3	(2)	516.0	515.9	515.8						
31-Jan-05	514.6	(2)	515.9	515.9	515.8						
24-Feb-05	514.7	(2)	515.9	515.9	515.8						
22-Mar-05	514.5	(2)	516.9	516.7	516.2						
20-Apr-05	(2)	(2)	516.1	515.9	515.8						
25-May-05	515.0	515.8	515.9	515.8	515.8						
29-Jun-05	514.3	515.8	515.8	515.8	515.8						
13-Jul-05	514.2	515.7	515.8	515.7	516.7						
23-Aug-05	513.8	515.7	515.7	515.7	515.7						
26-Sep-05	513.6	515.7	515.7	515.7	515.7						
26-Oct-05	513.4	515.7	515.8	515.8	515.7						
16-Nov-05	513.3	515.7	515.7	515.8	515.7						
14-Dec-05	513.3	515.7	516.1	516.0	515.9						
20-Jan-06	514.1	515.8	516.1	515.9	515.8						
14-Feb-06	514.6	(2)	(2)	(2)	(2)						
19-Mar-06	515.5	(2)	516.5	516.2	516.0						
17-Apr-06	516.0	516.0	516.0	515.8	515.8						
19-May-06	514.9	515.8	515.8	515.8	515.8						
19-Jun-06	514.4	515.8	515.8	515.8	515.7						
10-Jul-06	514.1	515.7	515.7	515.7	515.7						

Table B-2 Groundwater Elevations - Extension Quarry Monitoring Wells

Well Name	BH03-8	BH03-9	TW04-1	TW04-2	TW04-3	BH08-1	BH08-2	BH08-3	NW1	NW2	NW3
Flow System	AF	AF	AF	AF	AF	AF	AF	AF	AF	AF	AF
Date TOP	520.8	518.9	517.5	518.1	518.6	512.3	512.0	513.4	526.2	532.0	515.1
22-Aug-06	513.7	515.7	515.7	515.7	515.7						
18-Sep-06	513.6	515.7	515.7	515.7	515.7						
17-Oct-06	513.5	515.7	516.1	516.0	515.9						
20-Nov-06	514.2	515.9	516.3	516.1	516.0						
15-Dec-06	514.9	515.9	516.1	515.9	515.8						
28-Dec-06		515.8	516.1	515.9	515.8						
5-Jan-07		515.8	516.1	515.9	515.8						
12-Jan-07		515.8	516.1	515.9	515.8						
19-Jan-07		515.8	516.0	515.9	515.8						
22-Jan-07	514.9	515.8	516.0	515.8	515.8						
26-Jan-07		515.3	516.0	515.8	515.8						
2-Feb-07		515.8	515.9	515.8	515.7						
9-Feb-07		515.7	515.9	515.8	515.7						
16-Feb-07		515.7	515.9	515.8	515.8						
19-Feb-07	514.5	515.8	515.9	515.8	515.7						
22-Feb-07		515.7		515.8	515.7						
2-Mar-07		515.7		515.8	515.7						
9-Mar-07		515.7		515.8	515.7						
16-Mar-07		516.0	516.3	516.1	516.0						
18-Mar-07	515.1										
19-Mar-07		515.9	516.3	515.9	515.9						
5-Apr-07		516.0	516.7	516.3	516.1						
13-Apr-07		515.9	516.3	516.0	515.9						
15-Apr-07	515.6										
17-Apr-07		515.9	516.3	516.0	515.9						
20-Apr-07		515.0	516.2	515.9	515.8						
27-Apr-07		515.8	516.2	515.9	515.8						
4-May-07		515.8	516.0	515.8	515.8						
11-May-07		515.8	516.0	515.8	515.8						
17-May-07	514.7										
18-May-07		515.8	516.0	515.8	515.8						
25-May-07		515.8	515.9	515.8	515.8						
1-Jun-07		515.7	515.9	515.8	515.8						
8-Jun-07		515.8	515.9	515.8	515.8						
14-Jun-07		515.7	515.9	515.8	515.7						
21-Jun-07	514.3	515.7	515.8	515.8	515.7						
29-Jun-07		515.7	515.8	515.7	515.7						
6-Jul-07		515.7	515.8	515.7	515.7						
17-Jul-07	514.0	515.7	515.8	515.7	515.7						
20-Jul-07		515.7	515.8	515.7	515.7						

Table B-2 Groundwater Elevations - Extension Quarry Monitoring Wells

Well Name	BH03-8	BH03-9	TW04-1	TW04-2	TW04-3	BH08-1	BH08-2	BH08-3	NW1	NW2	NW3
Flow System	AF	AF	AF	AF	AF	AF	AF	AF	AF	AF	AF
Date TOP	520.8	518.9	517.5	518.1	518.6	512.3	512.0	513.4	526.2	532.0	515.1
27-Jul-07		515.7	515.7	515.7	515.7						
3-Aug-07		515.7	515.7	515.7	515.7						
10-Aug-07		515.7	515.7	515.7	515.7						
17-Aug-07		515.7	515.7	515.7	515.7						
21-Aug-07	513.7	515.7	515.7	515.7	515.7						
30-Aug-07		515.7	515.7	515.7	515.7						
7-Sep-07		515.7	515.7	515.7	515.7						
12-Sep-07	513.6										
14-Sep-07		515.7	515.7	515.7	515.7						
18-Sep-07	513.5	515.7	515.6	515.7	515.7						
28-Sep-07		515.7	515.7	515.7	515.7						
14-Oct-07	513.3										
2-Nov-07		515.6	515.6	515.6	515.6						
9-Nov-07		515.7	515.6	515.7	515.7						
16-Nov-07		515.7	515.6	515.7	515.7						
18-Nov-07	513.2										
22-Nov-07		515.7	515.7	515.7	515.7						
2-Dec-07		515.7	515.7	515.7	515.7						
9-Dec-07	513.4										
13-Dec-07		515.7	515.7	515.7	516.3						
28-Dec-07		515.7	515.9	515.8	515.8						
4-Jan-08		515.7	515.8	515.8	515.7						
11-Jan-08		516.4	517.0	516.8	516.4						
18-Jan-08		516.0	516.5	516.2	516.0						
20-Jan-08	514.9										
24-Jan-08		515.7	516.3	516.8	515.4						
4-Feb-08		515.8	516.1	515.9	515.8						
8-Feb-08		516.1	516.1	515.9	515.5						
15-Feb-08		515.8	516.0	515.8	515.8						
21-Feb-08	514.9	515.5	516.1	515.8	515.8						
29-Feb-08		515.8	516.1	515.9	515.8						
7-Mar-08		515.8	516.2	515.9	515.8						
14-Mar-08		515.9	516.2	516.0	515.9						
19-Mar-08	515.0	515.8	516.0	515.7	515.8						
28-Mar-08			516.0	515.8	515.8						
4-Apr-08		516.2	516.8	516.6	516.3						
7-Apr-08	515.7										
11-Apr-08		516.3	517.0	516.7	516.4						
18-Apr-08		516.1	516.8	516.4	516.2						
20-Apr-08	516.1										

Table B-2 Groundwater Elevations - Extension Quarry Monitoring Wells

Well Name	BH03-8	BH03-9	TW04-1	TW04-2	TW04-3	BH08-1	BH08-2	BH08-3	NW1	NW2	NW3
Flow System	AF	AF	AF	AF	AF	AF	AF	AF	AF	AF	AF
Date TOP	520.8	518.9	517.5	518.1	518.6	512.3	512.0	513.4	526.2	532.0	515.1
21-Apr-08		516.0	516.6	516.2	516.1						
3-May-08		515.8	516.2	515.9	515.8						
8-May-08		515.8	516.2	515.9	515.9						
20-May-08	515.1	515.8	516.1	515.9	515.8						
25-May-08		515.8	516.0	515.8	515.8						
6-Jun-08		515.8	515.9	515.8	515.8						
13-Jun-08		515.8	515.9	515.8	515.8						
16-Jun-08	514.5	515.9	515.9	515.7	515.7						
20-Jun-08		515.7	515.9	515.8	515.7						
27-Jun-08		515.7	515.8	515.8	515.7						
4-Jul-08		515.7	515.8	515.8	515.7						
11-Jul-08		515.7	515.8	515.8	515.7						
14-Jul-08	514.2	515.7	515.8	515.8	515.7						
25-Jul-08		515.7	515.8	515.7	515.7						
1-Aug-08		515.9	515.8	515.8	515.7						
3-Aug-08		515.8	515.9	515.8	515.8						
15-Aug-08		515.7	515.9	515.8	515.7						
18-Aug-08	514.3	515.7	515.9	515.8	515.7						
4-Sep-08	514.2										
5-Sep-08		515.7	515.8	515.8	515.7						
12-Sep-08		515.7	515.8	515.8	515.7						
14-Sep-08	514.1										
15-Sep-08		515.7	515.8	515.8	515.7						
3-Oct-08		515.8	515.9	515.9	515.8						
10-Oct-08		515.8	515.9	515.8	515.8						
19-Oct-08	514.4										
20-Oct-08		515.8	515.9	515.8	515.8						
14-Nov-08		515.9	516.9	516.0	515.9						
16-Nov-08		515.9	516.1	516.0	515.9						
23-Nov-08	515.3	515.8	515.9	515.8	515.8						
30-Nov-08		515.8	516.1	516.0	(2)						
7-Dec-08		515.5	516.1	515.9	515.8						
14-Dec-08	514.1		(2)	515.8	(2)						
28-Dec-08											
4-Jan-09		515.9	516.4	516.1	516.3						
18-Jan-09	(2)	515.3	516.1	515.9	515.9	508.9	508.9	509.4			
8-Feb-09	514.6	515.9	516.0	515.8	515.7	508.1	508.0	508.5			
15-Feb-09		515.9	516.4	516.1	515.9						
1-Mar-09		515.9	516.2	516.0	515.9						
15-Mar-09	515.9	516.0	516.5	516.1	515.9	509.2	509.3	509.8			

Table B-2 Groundwater Elevations - Extension Quarry Monitoring Wells

Well Name	BH03-8	BH03-9	TW04-1	TW04-2	TW04-3	BH08-1	BH08-2	BH08-3	NW1	NW2	NW3
Flow System	AF	AF	AF	AF	AF	AF	AF	AF	AF	AF	AF
Date TOP	520.8	518.9	517.5	518.1	518.6	512.3	512.0	513.4	526.2	532.0	515.1
26-Mar-09		516.0	516.5	516.1	516.0						
29-Mar-09		515.9	516.3	516.0	515.9						
12-Apr-09	515.7					510.4	510.4	510.6			
26-Apr-09		515.9	516.4	516.1	516.0						
3-May-09		515.9	516.4	515.9	515.9						
10-May-09		515.8	516.2	515.9	515.8						
17-May-09	515.2	515.8	516.1	515.9	515.8	509.7	509.6	510.0			
24-May-09		515.8	516.1	515.8	515.8						
7-Jun-09		515.7	515.9	515.8	515.8						
14-Jun-09	514.4	515.7	515.9	515.8	515.8	508.4	508.4	508.6			
21-Jun-09		515.7	515.9	515.8	515.7						
28-Jun-09		515.7	515.9	515.8	515.7						
12-Jul-09	514.2	515.7	515.8	515.8	515.7	507.3	507.1	507.3			
19-Jul-09		515.7	515.8	515.8	515.7						
9-Aug-09	513.9	515.7	515.6	515.8	515.7	506.4	506.2	506.6			
16-Aug-09		515.7	515.8	515.8	515.7						
23-Aug-09		515.7	515.7	515.7	515.7						
13-Sep-09	513.7	515.7	515.7	515.7	515.7	505.9	505.6	506.0			
20-Sep-09		515.8	515.8	515.7	515.7						
11-Oct-09	513.5	515.7	515.8	515.8	515.7	506.4	506.0	506.6			
15-Nov-09	513.5	515.7	515.7	515.7	515.7	507.1	506.8	507.2			
29-Nov-09	514.0										
13-Dec-09	513.8	515.9	516.0	515.7	515.8	507.6	507.5	507.7			
17-Jan-10	514.1	515.7	515.8	515.6	515.8	507.8	507.6	507.7			
7-Feb-10	514.3	515.8	515.9	515.8	515.7	507.7	507.6	507.8			
14-Mar-10	514.8	516.2	516.5	516.3	516.1	509.6	509.5	509.4			
18-Apr-10	515.6	515.9	516.2	515.9	516.0	510.1	510.0	510.3			
16-May-10	515.2	515.9	516.1	515.9	516.1						
8-Jun-10	515.0					509.0					
13-Jun-10	515.3	515.8	516.1	515.9	515.6	508.8	508.7	508.9			
21-Jul-10	514.6	515.8	516.0	515.8	515.2	508.3	508.1	508.4			
16-Aug-10	514.3	515.8	515.9	515.8	515.7	507.4	507.3	507.5			
12-Sep-10	514.1	515.7	515.8	515.8	515.7	506.5	506.3	506.6			
26-Sep-10	513.9					506.4					
17-Oct-10	514.0	515.8	515.9	515.7	515.7	507.0	506.7	507.3			
14-Nov-10	514.6	515.8	515.9	515.8	515.8	508.4	508.3	508.5			
19-Dec-10	514.9	515.9	516.0	515.9	515.9	508.8	508.7	508.9			
16-Jan-11	515.4	516.1	516.1	515.9	516.0	509.3	509.2	509.4			
20-Feb-11	515.1	516.0	516.1	515.9	516.0	508.8	508.8	508.9			
13-Mar-11	515.3	516.1	516.2	516.0	516.0	509.1	509.1	509.2			

Table B-2 Groundwater Elevations - Extension Quarry Monitoring Wells

Well Name	BH03-8	BH03-9	TW04-1	TW04-2	TW04-3	BH08-1	BH08-2	BH08-3	NW1	NW2	NW3
Flow System	AF	AF	AF	AF	AF	AF	AF	AF	AF	AF	AF
Date TOP	520.8	518.9	517.5	518.1	518.6	512.3	512.0	513.4	526.2	532.0	515.1
17-Apr-11	515.9	515.9	516.5	516.1	516.0	510.7	510.7	511.0			
15-May-11	515.8	516.0	516.6	516.1	516.1	510.4	510.3	510.5			
13-Jun-11	515.0					509.5	509.4	509.7			
3-Jul-11	514.5					508.1					
17-Jul-11	514.4	515.7	515.8	515.7	515.7	507.5	507.4	507.6			
14-Aug-11	514.1		515.8	515.7	515.7	506.5	506.3	506.6			
18-Sep-11	513.8	515.6	515.9	515.8	515.7	505.8	505.5	506.9			
17-Oct-11	513.6	515.6	515.7	515.5	515.6	506.2	505.8	506.8			
20-Nov-11	513.8	515.7	515.8	515.7	515.7	507.3	507.1	507.4			
18-Dec-11	514.8	515.7	515.8	515.8	515.7	509.1	509.0	509.2			
15-Jan-12	514.9	515.8	515.9	515.8	515.8	508.6	508.6	508.9			
19-Feb-12	514.6	515.8	516.0	515.8	515.7	508.3	508.2	508.4			
26-Feb-12	514.6					508.2					
18-Mar-12	515.8	516.0	516.7	517.3	516.0	510.8	510.6	511.1			
15-Apr-12	514.9	516.1	516.0	515.8	515.7	509.4	509.4	509.6			
13-May-12	514.7	515.6	515.9	515.8	515.8	508.5	508.4	508.6			
17-Jun-12	514.3	515.6	515.8	515.7	515.6	507.3	507.2	507.4			
1-Jul-12	514.1					506.6					
15-Jul-12	514.0	515.5	515.8	515.7	515.5	506.3	506.1	506.4			
12-Aug-12	513.9	515.9	515.9	515.7	515.4	507.1	507.2	507.2			
16-Sep-12	514.1	515.7	515.8	515.7	515.7	506.4	506.8	506.5			
9-Oct-12	514.1					506.4					
14-Oct-12	514.1	515.6	516.0	515.8	515.8	506.7	506.5	506.9			
18-Nov-12	515.1	515.8	516.4	516.2	515.8	509.4	509.3	509.5			
16-Dec-12	515.0	515.8	516.0	516.3	515.8	509.0	508.9	509.1			
13-Jan-13	515.1	516.2	516.4	516.2	516.2	509.6	509.6	509.5			
17-Feb-13	515.3	516.3	516.5	516.3	516.3	509.4	509.3	509.6			
17-Mar-13	515.3	516.2	516.5	516.3	516.2	509.3	509.3	509.4			
31-Mar-13	515.0					509.0					
14-Apr-13	515.9	516.0	516.6	516.2	516.0	510.2	510.1	510.4			
12-May-13	515.4	516.3	516.5	516.1	516.0	509.7	509.6	509.9			
2-Jun-13	514.8					509.1					
16-Jun-13	514.8	516.0	516.0	515.8	515.7	508.8	508.7	508.9			
14-Jul-13	514.4	515.7	516.0	515.8	515.7	508.0	508.0	508.1			
18-Aug-13	514.2	515.6	515.9	515.7	515.6	507.1	507.0	507.2			
15-Sep-13	513.9	515.4	515.8	515.8	515.3	506.5	506.3	506.6			
13-Oct-13	514.6	515.4	515.8	515.8	515.3	508.1	508.0	508.2			
17-Nov-13	515.3	515.7	516.0	515.9	515.4	509.1	509.0	509.2			
15-Dec-13	515.1	515.5	515.9	515.8	515.4	509.0	508.9	509.1			
19-Jan-14	514.8	515.5	516.0	515.8	515.3	508.4	508.3	508.5			

Table B-2 Groundwater Elevations - Extension Quarry Monitoring Wells

Well Name	BH03-8	BH03-9	TW04-1	TW04-2	TW04-3	BH08-1	BH08-2	BH08-3	NW1	NW2	NW3
Flow System	AF	AF	AF	AF	AF	AF	AF	AF	AF	AF	AF
Date TOP	520.8	518.9	517.5	518.1	518.6	512.3	512.0	513.4	526.2	532.0	515.1
16-Feb-14	514.5	515.6	516.0	515.8	515.4	507.7	507.5	507.8			
17-Mar-14	514.3	515.6	515.0	515.7	515.4	507.4	507.2	507.5			
13-Apr-14	516.0	(5)	516.2	517.7	516.5	511.3	511.2	511.7			
11-May-14	515.8	515.5	516.1	515.7	515.3	510.1	510.0	510.4			
15-Jun-14	514.6	515.6	515.5	515.7	515.6	508.1	508.0	508.2			
13-Jul-14	514.3	515.7	515.8	515.7	515.4	507.2	507.0	507.3			
17-Aug-14	514.0	515.7	515.7	515.7	515.6	506.6	506.3	506.7			
7-Sep-14	513.8	515.7	515.5	515.7	515.6	506.3	506.0	506.4			
12-Sep-14	514.0					506.7					
19-Sep-14	514.1										
19-Oct-14	514.4	515.8	515.7	515.7	515.6	507.4	507.3	507.5			
2-Nov-14											
16-Nov-14	515.1	515.8	516.0	515.9	515.5	508.8	508.8	508.9			
14-Dec-14	514.9	515.8	515.9	515.8	515.7	509.0	508.9	509.1			
18-Jan-15	(2)	515.9	515.9	515.8	515.7	(2)	(2)	(2)			
15-Feb-15											
15-Mar-15	514.4	515.8	515.8	515.8	515.7	507.5	507.2	507.6			
19-Apr-15	515.8	515.8	516.2	515.9	515.8	510.2	510.2	510.5			512.1
17-May-15	514.8	515.7	515.9	515.8	515.7	508.8	508.7	509.0			511.9
14-Jun-15		515.7	515.8	515.8	515.7	507.9	507.7	508.0			
19-Jul-15		515.7	515.8	515.8	515.7	507.8	507.7	507.9			
9-Aug-15		515.7	515.8	515.7	515.7	506.9	506.7	507.0			
6-Sep-15		515.6	515.7	515.7	515.7	506.2	506.0	506.3	513.3	505.0	510.0
11-Oct-15	513.8	515.5	515.1	515.5	515.5	505.6	505.4	505.7	512.5		509.5
15-Nov-15	513.7	515.7	515.7	515.7	515.7	505.3	505.9	507.3	512.0		509.6
9-Dec-15	513.7	515.7	515.7	515.7	515.7	507.3	507.1	507.4	511.8	504.3	510.6
17-Jan-16	514.5	515.7	515.8	515.8	515.7	508.1	508.0	508.2	512.2	505.1	511.7
14-Feb-16	515.0	515.7	515.9	515.8	515.7	508.9	508.6	508.7	513.1	507.1	512.2
13-Mar-16	516.0	515.9	516.3	516.0	515.9	510.9	511.0	512.2	516.4	513.0	514.4
17-Apr-16	516.0	515.8	516.2	515.9	515.8	510.3	510.3	510.6	516.7	514.3	513.6
1-May-16											
15-May-16	514.8	515.8	515.9	515.8	515.8	509.2	509.1	509.3	514.3	509.9	512.1
5-Jun-16											
19-Jun-16	514.4	515.7	515.7	515.7	515.7	507.5	507.4	507.6	512.3	506.8	511.2
3-Jul-16											
17-Jul-16	514.0	515.5	515.5	515.5	515.5	506.3	506.1	506.4	511.2	505.3	510.2
24-Jul-16	514.0					506.1			510.9	505.0	509.9
7-Aug-16											
21-Aug-16	513.7	515.2	515.2	515.2	515.2	505.5	505.3	505.7	510.0	504.6	509.3
18-Sep-16	513.5	515.0	515.0	515.0	515.0	505.2	505.0	505.4	509.1	504.2	509.0

Table B-2 Groundwater Elevations - Extension Quarry Monitoring Wells

Well Name	BH03-8	BH03-9	TW04-1	TW04-2	TW04-3	BH08-1	BH08-2	BH08-3	NW1	NW2	NW3
Flow System	AF	AF	AF	AF	AF	AF	AF	AF	AF	AF	AF
Date TOP	520.8	518.9	517.5	518.1	518.6	512.3	512.0	513.4	526.2	532.0	515.1
29-Sep-16	513.4								508.9		508.9
16-Oct-16	513.3	514.8	514.9	514.9	514.8	505.1	504.8	505.2	508.5	504.1	508.8
13-Nov-16	513.3	514.7	514.7	514.8	514.7	505.0	504.7	505.2	507.9	503.9	508.6
27-Nov-16	513.2					505.0			507.5	503.8	508.6
11-Dec-16	513.1	514.9	514.8	514.9	514.8	505.5	505.1	505.7	507.1	503.7	508.7
15-Jan-17	513.8	515.8	516.0	515.9	515.8	508.1	508.0	508.2	507.5	504.6	511.3
12-Feb-17	514.4	515.8	515.9	515.8	515.8	508.3	508.2	508.3	506.8	503.5	511.7
19-Mar-17	515.2	515.8	516.1	515.9	515.8	509.7	509.6	509.9	509.5	508.7	512.4
9-Apr-17	515.5					510.2			517.0	509.3	513.1
16-Apr-17	515.6	515.8	516.2	515.9	515.8	510.0	509.9	510.2	510.5	509.9	512.8
11-May-17	515.9	515.8	516.2	515.9	515.8	510.2	510.1	510.5	509.9	512.5	513.5
21-May-17	515.4					509.8				510.9	512.6
13-Jun-17										508.5	
25-Jun-17	515.1	515.8	516.1	515.9	515.8	509.1	509.0	509.2	504.9	508.5	514.3
19-Jul-17	515.1	515.8	516.1	515.9	515.8	508.3	508.2	508.4	504.0	506.8	511.7
3-Aug-17	514.4					507.6				505.5	511.2
17-Aug-17	514.2	515.7	515.8	515.7	515.7	507.1	507.0	507.2	503.3	504.8	510.7
29-Aug-17	514.1					506.7				504.3	510.3
17-Sep-17	513.9	515.7	515.7	515.7	515.7	506.5	506.2	506.6	502.6	503.9	509.8
26-Sep-17						506.4				503.8	509.8
15-Oct-17	514.0	515.8	515.8	515.8	515.8	507.2	506.9	507.3		508.9	510.0
14-Nov-17	514.6	515.8	515.9	515.8	515.8	506.8	507.6	507.8	502.3	503.8	511.1
11-Dec-17	514.9	515.8	515.9	515.8	515.8	508.4	508.3	508.5	502.3	504.4	511.8
14-Jan-18	514.2	515.8	516.0	515.9	515.8	508.9	508.9	509.0	502.4	505.3	512.4
11-Feb-18	514.8					508.6			502.6	505.0	511.8
18-Feb-18	515.4	516.1	516.4	516.5	516.2	510.1	510.1	510.3	511.4	505.6	512.6
18-Mar-18	515.0	515.8	516.0	515.8	515.8	509.4	509.3	509.6	502.6	506.3	512.0
15-Apr-18		515.8	516.1	515.9	515.9						
18-Apr-18	515.2					509.3	509.3	509.4	503.0	505.7	512.4
17-May-18	515.5	515.8	516.1	515.9	515.9	509.7	509.6	509.9	502.9	507.2	512.2
18-Jun-18	514.5	515.7	515.8	515.8	515.7	507.9	507.8	508.0	502.7	503.9	511.1
17-Jul-18	514.1	515.4	515.4	515.4	515.4	506.6	506.5	506.8	502.3		510.0
22-Aug-18	513.7	515.2	515.2	515.2	515.2	505.7	505.5	505.8	502.0		508.9
18-Sep-18	513.6	514.3	514.7	514.7	514.7	505.4	505.1	505.5	502.0		508.6
23-Oct-18	513.3	514.5	514.5	514.6	514.5	505.1	504.8	505.2	501.7		509.0
19-Nov-18	513.7	515.7	515.6	515.7	515.7	507.0	506.7	507.2	501.6		510.0
10-Dec-18	514.2	515.7	515.8	515.8	515.7	507.9	507.7	507.9	501.6		511.5
17-Jan-19	514.8	515.8	515.9	515.8	515.8	508.6	508.6	508.7	501.7		512.0
14-Feb-19	515.0	515.7	515.9	515.9	515.7	509.9	508.3				511.7
11-Mar-19	514.6	515.8	516.1	515.9	515.8	509.3	509.2	509.4	501.9		512.5

Table B-2 Groundwater Elevations - Extension Quarry Monitoring Wells

Well Name	BH03-8	BH03-9	TW04-1	TW04-2	TW04-3	BH08-1	BH08-2	BH08-3	NW1	NW2	NW3
Flow System	AF	AF	AF	AF	AF	AF	AF	AF	AF	AF	AF
Date TOP	520.8	518.9	517.5	518.1	518.6	512.3	512.0	513.4	526.2	532.0	515.1
26-Apr-19	516.2	515.8	516.3	515.9	515.8	510.8	510.7	511.1			513.2
22-May-19	515.4	515.8	515.8	515.8	515.8	509.6	509.6	509.8	502.3		512.1
19-Jun-19	514.6	515.7	515.8	515.7	515.7	508.5	508.4	508.5	502.1		511.3
19-Jul-19	514.3	515.5	515.5	515.5	515.5	506.9	506.8	507.0	501.8		510.0
27-Aug-19	514.3	514.8	514.7	514.7	514.8	505.7	505.5	505.8	501.5		508.9
16-Sep-19	514.3	514.5	514.4	514.4	514.4	505.6	505.5	506.0	501.6		508.7
21-Oct-19	514.2	514.2	514.2	514.3	514.2	505.6	505.5	505.6	501.7		507.8
18-Nov-19	514.3	514.2	514.3	514.4	514.3	505.6	505.5	505.6	501.7		509.9
17-Dec-19	513.7	515.8	515.6	514.7	515.7	507.3	505.3	505.6	501.7		510.6
14-Jan-20	513.8	515.8	516.1	516.6	(5)	(5)	508.8	508.9	502.9		511.6
18-Feb-20	(5)	(2)	(2)	515.7	(2)	506.2	507.6	509.2			(2)
24-Mar-20	515.4	515.8	515.8	515.9	515.9	509.6	509.7	509.9	502.2		512.9
22-Apr-20	515.2	515.8	516.0	515.8	515.8	509.8	509.6	509.8	502.0		512.0
27-May-20		515.7	515.9	515.6	515.7	507.4	508.3	509.5	501.8		510.9
26-Jun-20	514.5	(5)	514.4	515.8	515.8	507.7	507.2	507.4			510.7
28-Jul-20	514.6	515.8	514.5	515.8	515.8	507.7	507.3	507.5	(5)		(5)
31-Aug-20	514.8	515.3	514.4	515.1	515.4	506.5	506.3	506.6	(5)		(5)
28-Sep-20	513.7	515.6	515.6	515.6	515.6	506.8	507.0	507.5	500.9		(5)
27-Oct-20	513.8	515.7	515.7	515.7	515.7	507.0	506.7	507.1	501.4		510.5
24-Nov-20	513.5	515.1	515.2	515.1	515.1	506.9	506.3	506.6	501.3		510.2
21-Dec-20	513.7	515.1	515.4	515.5	515.9	508.8	508.7	508.9	502.0		510.9
29-Jan-21	513.8	515.0	516.1	516.6	(5)	(5)	508.8	508.9	502.9		511.6
19-Feb-21	513.9	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)		(2)
31-Mar-21	513.9	515.8	516.3	515.9	515.8	509.3	508.2	509.3	504.2		512.5
29-Apr-21	514.1	515.8	516.3	515.9	515.9	509.8	509.7	509.9	501.8		512.4
28-May-21	513.8	515.7	515.9	516.1	515.7	507.9	507.8	508.0	501.1		510.3
25-Jun-21	513.8	515.7	515.8	515.7	515.7	506.4	506.3	506.6	503.0		509.8
26-Jul-21	513.8	515.7	515.8	515.7	515.7	505.4	506.1	506.6	505.0		508.4
24-Aug-21	513.6	515.6	515.8	515.7	515.8	506.0	505.6	506.0	507.0		509.9
22-Sep-21	513.8	515.9	516.3	515.9	515.9	508.5	511.4	508.5	507.0		510.1
29-Oct-21	513.8	515.7	516.3	515.9	515.9	507.0	506.7	507.1	501.4		510.5
24-Nov-21	514.8	515.8	516.2	515.9	515.9	508.4	508.3	508.5	502.6		510.5
23-Dec-21	514.8	515.9	516.2	515.9	515.8	508.4	508.2	508.4	503.2		510.5
26-Jan-22	(2)	(2)	(2)	(2)	(2)	507.5	507.4	507.6	(2)		
10-Feb-22	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)		
16-Mar-22	514.7	515.2	515.8	515.2	515.2	508.4	507.2	510.0	502.2		
22-Apr-22	515.2	515.8	516.3	515.9	515.9	509.2	507.9	510.6	502.6		
26-May-22	513.9	515.8	516.0	516.0	515.6	506.7	505.9	509.4			
20-Jun-22	515.2	516.0									
22-Jun-22			516.4	516.0	516.0	509.2	508.0	510.6	(5)		

Table B-2 Groundwater Elevations - Extension Quarry Monitoring Wells

Well Name	BH03-8	BH03-9	TW04-1	TW04-2	TW04-3	BH08-1	BH08-2	BH08-3	NW1	NW2	NW3
Flow System	AF	AF	AF	AF	AF	AF	AF	AF	AF	AF	AF
Date TOP	520.8	518.9	517.5	518.1	518.6	512.3	512.0	513.4	526.2	532.0	515.1
30-Aug-22	513.7	515.8	516.1	516.0	515.8				(5)		
31-Aug-22						507.5	508.6	508.7			
27-Sep-22		515.8	515.9	515.8	515.8						
28-Sep-22						504.6	504.4	504.7	501.4		
29-Sep-22	513.4										
26-Oct-22	513.4	515.8	515.9	515.8	515.8						
28-Oct-22						504.5	504.2	504.6	501.3		
23-Nov-22											
29-May-23	514.6	515.8	516.1	515.9	515.8						
30-May-23						507.9	507.8	508.0	501.8		
12-Jul-23											
30-Oct-23		515.8	515.9	515.8	515.8						
31-Oct-23											
1-Nov-23	513.5					504.9	504.6	505.1	501.4		

Table B-2 Groundwater Elevations - Extension Quarry Monitoring Wells

Well Name	NW4	NW5	NW6	NW7	NW8	NW9	NW10-DP	NW10-I Shallow	NW10-II Deep	
Flow System	AF	AF	AF	AF	AF	AF	OB	AM	AF	
Date	TOP	529.9	521.7	522.0	523.9	531.9	521.5	511.2	510.3	510.5
28-Mar-03										
2-May-03										
16-May-03										
25-Jun-03										
22-Jul-03										
20-Aug-03										
25-Sep-03										
22-Oct-03										
25-Nov-03										
22-Dec-03										
9-Feb-04										
16-Mar-04										
20-Apr-04										
18-May-04										
22-Jun-04										
28-Jul-04										
25-Aug-04										
22-Sep-04										
19-Oct-04										
16-Nov-04										
16-Dec-04										
31-Jan-05										
24-Feb-05										
22-Mar-05										
20-Apr-05										
25-May-05										
29-Jun-05										
13-Jul-05										
23-Aug-05										
26-Sep-05										
26-Oct-05										
16-Nov-05										
14-Dec-05										
20-Jan-06										
14-Feb-06										
19-Mar-06										
17-Apr-06										
19-May-06										
19-Jun-06										
10-Jul-06										

Table B-2 Groundwater Elevations - Extension Quarry Monitoring Wells

Well Name	NW4	NW5	NW6	NW7	NW8	NW9	NW10-DP	NW10-I Shallow	NW10-II Deep	
Flow System	AF	AF	AF	AF	AF	AF	OB	AM	AF	
Date	TOP	529.9	521.7	522.0	523.9	531.9	521.5	511.2	510.3	510.5
22-Aug-06										
18-Sep-06										
17-Oct-06										
20-Nov-06										
15-Dec-06										
28-Dec-06										
5-Jan-07										
12-Jan-07										
19-Jan-07										
22-Jan-07										
26-Jan-07										
2-Feb-07										
9-Feb-07										
16-Feb-07										
19-Feb-07										
22-Feb-07										
2-Mar-07										
9-Mar-07										
16-Mar-07										
18-Mar-07										
19-Mar-07										
5-Apr-07										
13-Apr-07										
15-Apr-07										
17-Apr-07										
20-Apr-07										
27-Apr-07										
4-May-07										
11-May-07										
17-May-07										
18-May-07										
25-May-07										
1-Jun-07										
8-Jun-07										
14-Jun-07										
21-Jun-07										
29-Jun-07										
6-Jul-07										
17-Jul-07										
20-Jul-07										

Table B-2 Groundwater Elevations - Extension Quarry Monitoring Wells

Well Name	NW4	NW5	NW6	NW7	NW8	NW9	NW10-DP	NW10-I Shallow	NW10-II Deep	
Flow System	AF	AF	AF	AF	AF	AF	OB	AM	AF	
Date	TOP	529.9	521.7	522.0	523.9	531.9	521.5	511.2	510.3	510.5
27-Jul-07										
3-Aug-07										
10-Aug-07										
17-Aug-07										
21-Aug-07										
30-Aug-07										
7-Sep-07										
12-Sep-07										
14-Sep-07										
18-Sep-07										
28-Sep-07										
14-Oct-07										
2-Nov-07										
9-Nov-07										
16-Nov-07										
18-Nov-07										
22-Nov-07										
2-Dec-07										
9-Dec-07										
13-Dec-07										
28-Dec-07										
4-Jan-08										
11-Jan-08										
18-Jan-08										
20-Jan-08										
24-Jan-08										
4-Feb-08										
8-Feb-08										
15-Feb-08										
21-Feb-08										
29-Feb-08										
7-Mar-08										
14-Mar-08										
19-Mar-08										
28-Mar-08										
4-Apr-08										
7-Apr-08										
11-Apr-08										
18-Apr-08										
20-Apr-08										

Table B-2 Groundwater Elevations - Extension Quarry Monitoring Wells

Well Name	NW4	NW5	NW6	NW7	NW8	NW9	NW10-DP	NW10-I Shallow	NW10-II Deep	
Flow System	AF	AF	AF	AF	AF	AF	OB	AM	AF	
Date	TOP	529.9	521.7	522.0	523.9	531.9	521.5	511.2	510.3	510.5
21-Apr-08										
3-May-08										
8-May-08										
20-May-08										
25-May-08										
6-Jun-08										
13-Jun-08										
16-Jun-08										
20-Jun-08										
27-Jun-08										
4-Jul-08										
11-Jul-08										
14-Jul-08										
25-Jul-08										
1-Aug-08										
3-Aug-08										
15-Aug-08										
18-Aug-08										
4-Sep-08										
5-Sep-08										
12-Sep-08										
14-Sep-08										
15-Sep-08										
3-Oct-08										
10-Oct-08										
19-Oct-08										
20-Oct-08										
14-Nov-08										
16-Nov-08										
23-Nov-08										
30-Nov-08										
7-Dec-08										
14-Dec-08										
28-Dec-08										
4-Jan-09										
18-Jan-09										
8-Feb-09										
15-Feb-09										
1-Mar-09										
15-Mar-09										

Table B-2 Groundwater Elevations - Extension Quarry Monitoring Wells

Well Name	NW4	NW5	NW6	NW7	NW8	NW9	NW10-DP	NW10-I Shallow	NW10-II Deep	
Flow System	AF	AF	AF	AF	AF	AF	OB	AM	AF	
Date	TOP	529.9	521.7	522.0	523.9	531.9	521.5	511.2	510.3	510.5
26-Mar-09										
29-Mar-09										
12-Apr-09										
26-Apr-09										
3-May-09										
10-May-09										
17-May-09										
24-May-09										
7-Jun-09										
14-Jun-09										
21-Jun-09										
28-Jun-09										
12-Jul-09										
19-Jul-09										
9-Aug-09										
16-Aug-09										
23-Aug-09										
13-Sep-09										
20-Sep-09										
11-Oct-09										
15-Nov-09										
29-Nov-09										
13-Dec-09										
17-Jan-10										
7-Feb-10										
14-Mar-10										
18-Apr-10										
16-May-10										
8-Jun-10										
13-Jun-10										
21-Jul-10										
16-Aug-10										
12-Sep-10										
26-Sep-10										
17-Oct-10										
14-Nov-10										
19-Dec-10										
16-Jan-11										
20-Feb-11										
13-Mar-11										

Table B-2 Groundwater Elevations - Extension Quarry Monitoring Wells

Well Name	NW4	NW5	NW6	NW7	NW8	NW9	NW10-DP	NW10-I Shallow	NW10-II Deep	
Flow System	AF	AF	AF	AF	AF	AF	OB	AM	AF	
Date	TOP	529.9	521.7	522.0	523.9	531.9	521.5	511.2	510.3	510.5
17-Apr-11										
15-May-11										
13-Jun-11										
3-Jul-11										
17-Jul-11										
14-Aug-11										
18-Sep-11										
17-Oct-11										
20-Nov-11										
18-Dec-11										
15-Jan-12										
19-Feb-12										
26-Feb-12										
18-Mar-12										
15-Apr-12										
13-May-12										
17-Jun-12										
1-Jul-12										
15-Jul-12										
12-Aug-12										
16-Sep-12										
9-Oct-12										
14-Oct-12										
18-Nov-12										
16-Dec-12										
13-Jan-13										
17-Feb-13										
17-Mar-13										
31-Mar-13										
14-Apr-13										
12-May-13										
2-Jun-13										
16-Jun-13										
14-Jul-13										
18-Aug-13										
15-Sep-13										
13-Oct-13										
17-Nov-13										
15-Dec-13										
19-Jan-14										

Table B-2 Groundwater Elevations - Extension Quarry Monitoring Wells

Well Name	NW4	NW5	NW6	NW7	NW8	NW9	NW10-DP	NW10-I Shallow	NW10-II Deep
Flow System	AF	AF	AF	AF	AF	AF	OB	AM	AF
Date TOP	529.9	521.7	522.0	523.9	531.9	521.5	511.2	510.3	510.5
16-Feb-14									
17-Mar-14									
13-Apr-14									
11-May-14									
15-Jun-14									
13-Jul-14									
17-Aug-14									
7-Sep-14									
12-Sep-14									
19-Sep-14									
19-Oct-14									
2-Nov-14	520.3	516.1	515.4		527.9	516.5			
16-Nov-14									
14-Dec-14									
18-Jan-15									
15-Feb-15									
15-Mar-15									
19-Apr-15						517.2			
17-May-15						516.4			
14-Jun-15									
19-Jul-15									
9-Aug-15									
6-Sep-15	518.9	516.1	514.3	517.6	527.5	515.9	509.0	508.8	508.9
11-Oct-15	518.2	515.3	513.8	516.7	527.2	515.7	509.0	508.2	508.3
15-Nov-15	517.4	515.1	513.9	515.5	527.0	516.0	509.1	508.9	509.1
9-Dec-15	517.6	515.3	514.5	515.4	527.1	516.0	509.1	508.9	509.1
17-Jan-16	519.1	516.3	515.5	515.7	527.7	516.3	509.2	509.3	509.5
14-Feb-16	519.4	517.2	515.6	515.6	527.8	516.5	509.4	509.4	509.5
13-Mar-16	522.7	519.1	519.3	517.7	528.1	517.4	509.5	509.6	509.6
17-Apr-16	520.9	520.2	517.7	516.4	528.0	517.0	509.4	509.4	509.6
1-May-16									
15-May-16	519.1	518.1	515.9	515.8	527.8	516.4	509.3	509.3	509.5
5-Jun-16									
19-Jun-16	517.8	(5)	514.6	515.4	527.6	516.0	509.1	508.8	508.9
3-Jul-16									
17-Jul-16	516.6	515.5	513.9	515.3	527.1	515.7	509.1	508.5	508.6
24-Jul-16	516.4	515.3	513.8	515.3	527.0	515.6	509.0	508.3	508.4
7-Aug-16									
21-Aug-16	515.7	514.8	513.5	515.2	526.6	515.4	509.0	508.0	508.2
18-Sep-16	515.1	514.5	513.2	515.1	526.3	515.2	509.0	507.7	507.9

Table B-2 Groundwater Elevations - Extension Quarry Monitoring Wells

Well Name	NW4	NW5	NW6	NW7	NW8	NW9	NW10-DP	NW10-I Shallow	NW10-II Deep
Flow System	AF	AF	AF	AF	AF	AF	OB	AM	AF
Date TOP	529.9	521.7	522.0	523.9	531.9	521.5	511.2	510.3	510.5
29-Sep-16									
16-Oct-16	514.6	514.3	513.0	515.0	526.2	515.1	509.0	507.6	507.7
13-Nov-16	514.1	514.1	512.9	515.0	526.0	515.0	509.1	507.7	507.8
27-Nov-16	513.9	514.0	512.8	514.9	526.0	515.1	509.1	507.9	508.0
11-Dec-16	513.8	514.0	513.0	514.9	525.9	515.0	509.1	508.1	508.3
15-Jan-17	522.3	514.8	516.4	516.1	527.7	516.4	509.1	509.1	509.3
12-Feb-17	521.0	515.5	515.3	515.5	527.7	516.3	509.4	509.4	509.5
19-Mar-17	518.2	516.9	516.1	515.6	527.9	516.7	509.4	509.4	509.5
9-Apr-17	523.7	517.5	518.5	517.1	528.2	517.4	509.5	509.5	509.7
16-Apr-17	519.0	517.6	517.5	515.8	527.9	517.0	509.4	509.4	509.6
11-May-17	519.0	518.6	517.0	515.7	527.9	516.8	509.4	509.4	509.6
21-May-17	518.6	518.5	516.0	515.7	527.9	516.7	509.5	509.5	509.6
13-Jun-17	516.9						509.4	509.5	509.6
25-Jun-17	517.9	517.3	516.8	516.0	527.9	516.7	509.3	509.5	509.6
19-Jul-17	516.6	516.6	515.1	515.4	527.8	516.3	509.2	509.2	509.4
3-Aug-17	515.6	516.0	514.6	515.3	527.7	516.1	509.1	508.9	509.0
17-Aug-17	514.9	515.3	514.2	515.3	527.5	516.0	509.1	509.1	509.2
29-Aug-17	514.4	514.7	513.7		527.4	515.9	509.1	508.8	508.9
17-Sep-17	513.8	514.3	513.6	515.1	527.3	515.9	509.1	508.9	509.0
26-Sep-17	513.6	514.1	513.4	515.1	527.2	515.8		508.7	508.9
15-Oct-17	513.6	514.0	514.1	515.4	527.6	516.2	509.2	509.2	509.4
14-Nov-17	516.0	514.0	514.7	515.6	527.8	516.3	509.2	509.2	509.4
11-Dec-17	514.7	514.3	514.6	515.4	527.8	516.2	509.3	509.3	509.5
14-Jan-18	516.8	514.4	516.3	515.9	527.8	516.7	509.4	509.4	509.6
11-Feb-18	515.4	514.7	514.9	(5)	527.8	(5)	509.3	509.3	509.4
18-Feb-18	524.0	514.7	516.1	516.6	528.2	517.2	509.5	509.5	509.7
18-Mar-18	515.6	515.3	515.2	515.5	527.8	516.4	509.3	509.3	509.4
15-Apr-18									
18-Apr-18	517.8	514.9	516.2	516.1	527.9	516.7	509.4	509.5	509.6
17-May-18	516.8	516.0	516.1	515.7	527.9	516.7	509.3	509.4	509.5
18-Jun-18	514.1	514.7	514.3	515.3	527.7	515.9	509.1	508.8	508.9
17-Jul-18	513.1	513.8	513.3	515.2	527.3	515.5	509.0	508.5	508.6
22-Aug-18	512.8	513.3	512.8	514.9	526.6	515.3	509.0	508.1	508.2
18-Sep-18	512.5	513.1	512.6	514.7	526.1	514.8	509.0	507.8	507.9
23-Oct-18	512.2	512.8	512.3	514.4	525.8	514.7	509.1	507.9	508.0
19-Nov-18	512.5	512.8	513.2	514.2	527.0	515.8	509.8	508.9	508.4
10-Dec-18	513.2	512.9	514.7	515.5	527.7	516.0	509.1	509.1	509.2
17-Jan-19	515.0	513.5	514.9	515.5	527.8	516.1	508.4	509.4	509.5
14-Feb-19	514.9	513.6	514.5	515.3	527.7	516.1	509.3	509.4	509.5
11-Mar-19	518.0	513.7	516.1	515.9	527.9	516.6	509.3	509.4	509.5

Table B-2 Groundwater Elevations - Extension Quarry Monitoring Wells

Well Name	NW4	NW5	NW6	NW7	NW8	NW9	NW10-DP	NW10-I Shallow	NW10-II Deep
Flow System	AF	AF	AF	AF	AF	AF	OB	AM	AF
Date TOP	529.9	521.7	522.0	523.9	531.9	521.5	511.2	510.3	510.5
26-Apr-19	520.9	515.2	519.1	516.8	528.0	516.9	509.4	509.5	509.6
22-May-19	513.1	515.2	515.9	515.7	527.9	516.5	509.3	509.4	509.5
19-Jun-19	514.7	514.7	514.8	515.4	527.8	516.0	509.1	509.2	509.2
19-Jul-19		513.6	513.6	(5)	527.6	515.5	509.0	508.7	508.6
27-Aug-19		512.6	512.5	(5)	526.5	514.7	509.1	508.1	
16-Sep-19		512.7	512.4	(5)	(5)	514.4	508.8	507.9	(5)
21-Oct-19		512.6	512.4	(5)	525.7	513.6	508.9	507.9	(5)
18-Nov-19		512.6	512.5	(5)	525.7	513.7	508.9	508.0	(5)
17-Dec-19		(5)	512.6		527.5	515.6	(5)	508.9	(5)
14-Jan-20		512.1	512.5	(5)	527.4	515.4	(5)	508.9	509.1
18-Feb-20		511.9	513.6	(2)	(2)	515.9	509.1	(2)	(2)
24-Mar-20		512.5	516.0	515.9	528.0	516.7	509.4	509.5	509.6
22-Apr-20		513.3	515.8		527.9	516.4	509.4	509.4	509.5
27-May-20		512.6	515.4	515.0	527.7	516.2	509.2	509.3	509.5
26-Jun-20		512.7	514.3	515.7	(5)	516.6	(5)	509.4	509.5
28-Jul-20		512.7	514.2	515.6	(5)	516.2	(5)	509.4	509.5
31-Aug-20		512.8	514.0	515.6	(5)	516.0	(5)	509.3	509.5
28-Sep-20		511.6	511.6	515.3	527.0	516.0	(5)	508.6	508.7
27-Oct-20		511.1	512.7	515.3	527.1	516.0	(5)	508.9	509.0
24-Nov-20		511.2	513.4	515.8	527.6	515.8	509.0	508.9	509.1
21-Dec-20		511.0	513.0	517.5	527.5	515.7		508.9	509.1
29-Jan-21		510.8	512.2	(5)	527.4	515.4	(2)	508.8	509.0
19-Feb-21		(2)	514.9	(2)	(2)	(2)	(2)	509.2	509.3
31-Mar-21		511.1	515.3	(5)	528.1	(5)	509.4	509.5	509.6
29-Apr-21		511.5	515.7	(5)	527.9	516.9	509.4	509.5	509.6
28-May-21		510.9	513.6	515.3	527.7	516.3	509.0	508.9	509.1
25-Jun-21		510.6	512.4	514.5	527.4	516.2	508.9	508.8	508.9
26-Jul-21		510.3	511.6	513.8	527.2	516.4	508.8		
24-Aug-21		512.7	511.3	514.2	527.0	516.2	509.0	508.3	508.5
22-Sep-21		510.8	513.5	515.3	527.8	517.0	509.6	509.1	508.2
29-Oct-21		511.1	512.7	515.3	527.1	516.0	510.0	508.9	509.0
24-Nov-21		510.2	514.1	515.6	527.8	516.8	509.3	509.4	509.5
23-Dec-21		510.1	514.1	515.6	527.8	517.0	509.3	509.4	509.5
26-Jan-22		510.6	513.5	(5)	(2)	(2)	(2)	(2)	(2)
10-Feb-22		(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
16-Mar-22		(2)		515.3	527.3	516.4	509.0	509.1	(5)
22-Apr-22		511.2	514.5	515.6	527.8	517.0	509.1	509.2	509.5
26-May-22		509.9	514.4	515.3	527.6	516.4	509.0	509.1	509.4
20-Jun-22							509.0	509.2	509.5
22-Jun-22		510.2	514.5	515.3	528.0	517.0			

Table B-2 Groundwater Elevations - Extension Quarry Monitoring Wells

Well Name	NW4	NW5	NW6	NW7	NW8	NW9	NW10-DP	NW10-I Shallow	NW10-II Deep
Flow System	AF	AF	AF	AF	AF	AF	OB	AM	AF
Date	TOP								
	529.9	521.7	522.0	523.9	531.9	521.5	511.2	510.3	510.5
30-Aug-22		510.0	513.6	515.2	527.7	516.3			
31-Aug-22							508.9	509.0	508.4
27-Sep-22					526.8	516.4			
28-Sep-22		508.7	510.6	513.9					
29-Sep-22							509.0	508.1	508.2
26-Oct-22					526.7	516.4	509.0	507.8	508.0
28-Oct-22		508.5	510.4	513.6					
23-Nov-22									
29-May-23					527.8	516.7	509.1	509.0	509.1
30-May-23		509.1	511.8	515.3					
12-Jul-23									
30-Oct-23					527.0	516.4			
31-Oct-23							509.1	508.7	508.9
1-Nov-23		507.9	509.7	513.8					

Table B-3 Groundwater Elevations - Extension Quarry Injection Wells

Well Name	IW1	IW1a	IW2	IW3	IW4
Flow System	AF	AF	AF	AF	AF
Date TOP	512.1	512.0	509.2	519.1	511.0
2-Nov-14	505.2	505.1	508.1	505.7	496.0
16-Nov-14					
14-Dec-14					
18-Jan-15					
15-Feb-15					
15-Mar-15					
19-Apr-15					
17-May-15					
14-Jun-15					
19-Jul-15					
9-Aug-15					
6-Sep-15	502.2	502.1	506.1	502.6	495.4
11-Oct-15	501.3	501.2	505.5	502.8	495.1
15-Nov-15	501.7	501.6	506.4	501.7	494.9
9-Dec-15	502.8	502.7	507.4	502.8	495.3
17-Jan-16	505.2	505.1	508.0	504.9	496.0
14-Feb-16	506.8	506.7	508.3	506.6	496.8
13-Mar-16	510.5	510.4	508.9	511.5	499.2
17-Apr-16	510.1	510.0	508.7	508.9	498.6
1-May-16					
15-May-16	508.0	507.9	508.4	506.0	497.0
5-Jun-16					
19-Jun-16	504.5	504.4	508.3	504.4	496.6
3-Jul-16					
17-Jul-16	502.3	502.2	506.2	502.9	495.8
24-Jul-16	502.0		506.0	502.6	495.9
7-Aug-16					
21-Aug-16	501.4	501.3	505.4	502.0	495.4
18-Sep-16	502.0	500.9	505.1	501.8	495.2
29-Sep-16					
16-Oct-16	500.8	500.8	504.9	501.4	495.0
13-Nov-16	500.7	500.6	504.9	501.5	495.1
27-Nov-16	500.6		505.0	501.4	495.0
11-Dec-16	500.5	500.5	505.6	502.0	495.1
15-Jan-17	504.4	504.3	508.2	505.7	496.6
12-Feb-17	505.4	505.3	508.1	506.2	497.3
19-Mar-17	508.8	508.7	508.7	507.5	496.7
9-Apr-17	510.0		508.9	510.0	498.3
16-Apr-17	509.5	509.4	508.6	509.2	498.3
11-May-17	510.1	510.0	508.6	509.6	498.8
21-May-17	509.4		508.6	507.7	497.8

Table B-3 Groundwater Elevations - Extension Quarry Injection Wells

Well Name	IW1	IW1a	IW2	IW3	IW4
Flow System	AF	AF	AF	AF	AF
Date TOP	512.1	512.0	509.2	519.1	511.0
25-Jun-17	508.3	508.2	508.4	507.5	497.5
19-Jul-17	506.3	506.2	507.9	505.9	496.9
3-Aug-17	504.7		507.4	504.7	496.5
17-Aug-17	503.6	503.5	507.0	503.8	496.2
29-Aug-17	502.8			503.1	496.0
17-Sep-17	502.0	501.9	506.5	502.6	495.7
26-Sep-17	502.0			502.5	495.6
15-Oct-17	502.0	502.0	507.4	503.2	495.7
14-Nov-17	503.6	503.5	507.9	504.5	496.2
11-Dec-17	506.3	506.0	508.1	505.1	498.2
14-Jan-18	508.4	508.4	508.5	508.0	497.5
11-Feb-18	506.9		508.2	506.2	496.8
18-Feb-18	510.0	509.9	508.8	510.5	498.6
18-Mar-18	508.5	508.4	508.5	506.7	497.1
15-Apr-18	508.8	508.6	508.7	507.9	497.4
17-May-18	509.2	509.1	508.5	507.5	497.7
18-Jun-18	505.7	505.6	507.6	505.5	496.7
17-Jul-18	503.1	503.0	506.5	502.9	496.0
22-Aug-18	501.9	501.9	505.5	501.6	495.2
18-Sep-18	501.0	501.0	505.3	501.2	495.1
25-Oct-18	500.7	500.6	505.0	500.9	494.9
19-Nov-18	501.9	501.8	507.4	502.5	495.4
10-Dec-18	504.4	504.3	508.0		495.4
17-Jan-19	506.9	506.8	508.2	506.4	496.8
14-Feb-19	506.7	506.7	508.3	507.6	497.3
11-Mar-19	508.6	508.3	508.5	507.5	497.3
26-Apr-19	510.7	510.6	508.9	510.5	499.8
22-May-19	509.1	509.0	508.4	507.6	498.6
19-Jun-19	506.7	506.6	508.0	505.5	496.9
19-Jul-19	503.6	503.6	(5)	506.6	496.3
27-Aug-19	501.6	501.5	(5)	502.0	495.4
16-Sep-19	501.1	501.1	(5)		
21-Oct-19	501.3	501.3	(5)	501.7	494.8
18-Nov-19	501.3	501.2	(5)	501.7	494.8
17-Dec-19	501.9	501.7	(5)		495.6
14-Jan-20	507.2	507.1	(5)	501.8	495.8
18-Feb-20	(2)	(2)	(2)	(2)	(2)
24-Mar-20	509.3	509.3	508.7	509.5	498.2
22-Apr-20	509.1	509.0	508.3		
27-May-20	506.0	505.4	508.1	504.8	495.8
26-Jun-20	504.1	504.0	507.3	506.1	496.5

Table B-3 Groundwater Elevations - Extension Quarry Injection Wells

Well Name	IW1	IW1a	IW2	IW3	IW4
Flow System	AF	AF	AF	AF	AF
Date	TOP				
	512.1	512.0	509.2	519.1	511.0
28-Jul-20	503.9	503.9	507.4	504.2	496.2
31-Aug-20	502.5	502.4	506.4	505.1	497.2
28-Sep-20	502.5	502.5	506.4	504.9	497.0
27-Oct-20	501.7	501.6	507.0	502.5	495.3
24-Nov-20	501.9	501.8	506.8	504.6	495.9
21-Dec-20	507.5	507.4	508.4	505.0	496.1
29-Jan-21	507.2	507.1	(2)	505.4	496.5
19-Feb-21	(2)	(2)	(2)	(2)	(2)
31-Mar-21	508.4	508.4	508.6	506.4	497.4
29-Apr-21	509.3	509.0	508.7	506.5	497.4
28-May-21	505.7	505.6	507.7	505.5	496.8
25-Jun-21	503.0	502.9	506.3	503.3	496.0
26-Jul-21	500.9	500.8	506.4	(5)	(5)
24-Aug-21	501.3	501.8	505.8	501.7	495.2
22-Sep-21	506.3	506.3	508.4		
29-Oct-21	501.7	501.6	507.0	503.4	494.3
24-Nov-21	505.8	505.8	508.2	506.0	496.7
23-Dec-21	506.0	505.8	508.4	506.1	497.1
26-Jan-22	504.5	504.4	507.6	(2)	(2)
10-Feb-22	(2)	(2)	(2)	(2)	(2)
16-Mar-22	507.6	506.8	508.5	(2)	(2)
22-Apr-22	508.3	507.2	508.5	505.9	497.3
26-May-22	504.5	504.4	507.3	505.5	496.8
20-Jun-22	508.4	507.3	508.6	506.0	497.0
31-Aug-22	505.3	505.2	507.2	505.6	496.3
28-Sep-22	500.5	500.4	504.5		
29-Sep-22				500.9	494.9
27-Oct-22				500.7	494.8
28-Oct-22	500.3	500.3	504.4		
29-May-23				505.6	497.0
30-May-23	506.0	505.9	507.8		
30-Oct-23				501.3	495.1
1-Nov-23	500.8	500.7	505.0		

Table B-4 Groundwater Elevations - Domestic Wells

Well Name	RW1	RW2	RW3	RW4	RW5	RW6	RW7	RW8	RW9	RW12	RW13
Flow System	AM	AM	AM	AF	MT	OB	OB	OB	AM	OB	OB
Date TOP	508.8	505.2	519.0	510.5	478.6	451.0	453.0	431.0	524.0	425.8	425.8
16-May-03											
26-Jun-03			512.5			444.7			517.8		
24-Jul-03			511.9		459.9	444.5			517.3		
21-Aug-03	502.2		511.4		459.6	444.2	446.2	428.6	517.1		
25-Sep-03	501.5		510.7		459.0	443.9	445.9	428.4	516.7		
22-Oct-03	502.9	485.1	510.8	508.8	459.6	443.9	445.9	428.1	516.9		
25-Nov-03	506.0	485.7	512.1	509.8	460.4	444.9	446.8	(2)	519.3		
22-Dec-03	505.7	485.9	512.5	509.7	460.8	445.0	447.0	(2)	518.8		
9-Feb-04	(2)	486.7	(2)	509.3	(2)	(2)	(2)	(2)	517.8		
16-Mar-04	506.0	485.9	(2)	509.8	(2)	(2)	447.3	430.2	519.5		
21-Apr-04	506.3	486.1	513.8	510.0	461.1	445.7	447.6	430.3	519.7		
18-May-04	505.3	486.0	513.2	507.9	461.0	445.1	447.1	429.9	518.5		
22-Jun-04	504.1	485.9	512.7	508.9	460.7	444.9	447.0	429.5	517.9		
28-Jul-04	503.1	485.3	511.9	508.5	460.3	444.5	446.5	428.7	517.3		
25-Aug-04	502.1	485.0	511.3	508.0	459.7	444.3	446.3	428.6	517.0		
24-Sep-04	501.1	484.9	510.9	507.6	459.6	444.1	446.2	428.4	516.7		
19-Oct-04	501.3	485.0	510.5	507.4	459.5	444.0	446.0	428.1	516.5		
16-Nov-04	501.3	485.0	510.4	507.8	458.7	443.8	446.0	427.9	516.4		
16-Dec-04	502.4	485.2	510.6	508.7	(2)	(2)	(2)	(2)	516.4		
31-Jan-05	505.0	485.4	512.2	509.6	(2)	(2)	446.9	(2)	518.4		
24-Feb-05	504.9	485.6	512.0	509.5	(2)	(2)	447.0	(2)	517.9		
22-Mar-05	504.5	485.7	512.0	509.5	(2)	(2)	446.6	(2)	517.8		
20-Apr-05	506.9	486.1	513.8	510.3	461.1	446.1	448.2	430.7	521.8		
25-May-05	505.1	486.0	513.2	509.4	461.0	445.1	446.8	429.9	518.2		
29-Jun-05	503.6	486.2	512.2	508.8	460.5	444.6	446.7	429.1	517.6		
13-Jul-05	502.9	486.6	511.9	507.2	459.0	444.5	446.5	428.9	517.4		
23-Aug-05	501.8	485.8	511.0	507.5	459.5	444.2	446.2	428.6	516.9		
26-Sep-05	501.9	485.0	510.4	507.1	459.5	443.9	445.9	428.2	516.6		
26-Oct-05	500.5	484.9	510.2	507.1	459.2	443.8	445.8	427.9	516.4		
16-Nov-05	501.8	485.2	510.1	507.6	459.3	443.7	445.7	427.8	516.3		
14-Dec-05	501.7	484.5	510.3	508.3		443.7	445.7	(2)	516.9		
20-Jan-06	505.8	485.7	510.6	509.8		444.5	446.5	(2)	518.8		
14-Feb-06	505.0	486.4	512.1	509.6		444.8	446.8	(2)	518.7		
19-Mar-06	506.2	486.0	513.3	509.9		445.6	447.7	(2)	520.4		
17-Apr-06	505.7	486.0	514.0	510.0	461.0	445.6	447.6	430.5	520.1		
19-May-06	504.8	485.9	513.0	509.4	460.8	444.9	446.9	429.7	517.7		
19-Jun-06	503.1	485.6	512.2	507.0	460.4	444.5	446.5	429.1	517.5		
10-Jul-06	502.1	485.3	511.7	507.4	460.0	444.4	446.4	428.7	517.2		
23-Aug-06	501.2	485.0	510.8	506.9	459.6	444.0	446.0	428.5	516.7		
18-Sep-06	501.0	485.0	510.4	507.2	459.4	443.8	445.8	428.2	516.5		
17-Oct-06	501.5	485.4	510.3	508.0	459.4	443.8	445.8	428.1	516.5		

Table B-4 Groundwater Elevations - Domestic Wells

Well Name	RW1	RW2	RW3	RW4	RW5	RW6	RW7	RW8	RW9	RW12	RW13
Flow System	AM	AM	AM	AF	MT	OB	OB	OB	AM	OB	OB
Date TOP	508.8	505.2	519.0	510.5	478.6	451.0	453.0	431.0	524.0	425.8	425.8
22-Nov-06	505.4	485.6	511.6	509.0	460.3	444.6	446.6	429.2	518.7		
15-Dec-06	506.3	486.1	512.4	510.0	460.7	445.0	447.0	429.7	519.6		
22-Jan-07	504.4	485.8	512.5	509.4	460.1	(2)	446.8	(2)	518.2		
19-Feb-07	503.2	487.0	512.1	509.1	(2)	(2)	(2)	(2)	517.6		
18-Mar-07	505.9	485.7	512.4	509.8	(2)	(2)	447.1	(2)	519.6		
15-Apr-07	506.0	485.9	513.5	509.9	461.0	445.5	447.3	430.1	519.5		
17-May-07	504.4	485.8	512.8	509.3	460.5	444.8	446.8	429.5	517.8		
17-Jun-07	502.5	485.5	511.9	508.5	460.4	444.5	446.5	428.9	517.3		
15-Jul-07	501.7	485.2	511.4	507.9	460.0	444.3	446.2	428.6	517.0		
19-Aug-07	501.0	485.0	510.7	507.2	459.6	444.0	446.0	428.4	516.6		
10-Sep-07	500.8										
16-Sep-07	500.8	485.0	510.3	506.2	459.4	443.8	445.8	428.4	516.4		
14-Oct-07	500.7	485.1	510.0	506.3	459.3	443.6	445.6	427.9	516.2		
18-Nov-07	501.3	485.2	510.1		459.6	(2)	445.6	427.8	516.3		
9-Dec-07	(2)	485.5	510.3	(2)	(2)	(2)	445.7	(2)	516.9		
20-Jan-08		486.7	513.0	(2)	(2)	(2)	447.5	(2)	519.6		
17-Feb-08	(2)	485.7	512.7	509.8	(2)	(2)	447.1	(2)	518.8		
16-Mar-08	(2)	485.8	512.7	(2)	(2)	(2)	446.9	(2)	518.7		
6-Apr-08	502.2	486.0	513.6	510.3	(2)	446.2	448.2	430.6	521.5		
20-Apr-08	506.3	486.1	514.4	509.9	461.2	445.9	449.0	430.6	520.6	424.0	424.0
18-May-08	505.1	486.0	513.3	509.5	461.0	445.1	447.1	430.0	518.3	423.2	423.2
15-Jun-08	503.6	486.7	512.5	508.1	459.9	444.7	446.7	429.3	517.6	424.4	424.3
13-Jul-08	502.1	485.8	511.9	508.4	460.4	444.5	446.4	428.7	517.2	423.9	423.8
17-Aug-08	502.2	485.2	511.7	508.2	460.2	444.3	446.3	428.8	517.5	424.0	423.9
31-Aug-08											
14-Sep-08	502.9	485.1	511.4	508.7	459.3	444.2	446.1	428.7	517.2	422.8	422.7
19-Oct-08	502.8	485.3	511.7	508.9	460.3	444.5	446.4	428.9	517.6	424.5	424.5
23-Nov-08	(2)	485.6	512.7	(2)	(2)	(2)	447.0	(2)	519.4	(2)	(2)
14-Dec-08	(2)	(2)	511.6	(2)	(2)	(2)	447.3	(2)	(2)	(2)	(2)
18-Jan-09	505.5	485.9	513.1	(2)	(2)	(2)	447.2		(2)	(2)	(2)
8-Feb-09	(2)	485.8	512.6	509.6	(2)	(2)	446.8		(2)	(2)	(2)
15-Mar-09	506.4	486.6	513.5	510.0	460.9	445.6	447.7	430.4	519.5	424.1	424.1
12-Apr-09	506.4	486.1	513.7	509.4	460.4	445.5	447.5	430.4	519.7	425.0	424.9
17-May-09	505.1	486.2	513.3	509.2	461.2	445.2	447.2	430.1	518.6	424.6	424.4
14-Jun-09	503.3	485.9	512.5	507.8	460.3	444.8	446.7	429.3	517.6	423.0	423.0
12-Jul-09	502.0	485.5	511.9	508.4	460.3	444.5	446.5	428.8	517.3	423.9	423.9
9-Aug-09	502.1	485.3	511.4	507.9	460.1	444.4	446.3	428.7	517.1	423.7	423.6
13-Sep-09	501.0	485.1	510.9	507.4	459.8	444.2	446.1	428.5	516.3	422.6	422.4
11-Oct-09	501.9	485.3	510.7	508.4	459.8	444.1	446.1	428.3	516.1	423.1	423.0
15-Nov-09	502.1	485.3	510.8	508.7	460.2	444.3	446.2	428.4	517.2	422.6	422.6
29-Nov-09		487.1									

Table B-4 Groundwater Elevations - Domestic Wells

Well Name	RW1	RW2	RW3	RW4	RW5	RW6	RW7	RW8	RW9	RW12	RW13
Flow System	AM	AM	AM	AF	MT	OB	OB	OB	AM	OB	OB
Date TOP	508.8	505.2	519.0	510.5	478.6	451.0	453.0	431.0	524.0	425.8	425.8
13-Dec-09	503.1	486.4	511.0	509.1	(2)	(2)	446.3	(2)	517.5	(2)	(2)
12-Jan-10	503.5	486.9									
17-Jan-10		486.3	511.2	509.0	(2)		446.4		517.4		
7-Feb-10	503.4	486.9	511.4	509.2	(2)		446.5		517.5		
14-Mar-10	506.1	485.7	512.0	510.3	460.5	445.4	447.4	429.5	520.3	424.6	424.5
18-Apr-10	505.9	486.0	513.3	509.9	461.0	445.3	447.2	430.2	519.1	423.1	423.1
16-May-10	506.6	486.2	513.0	509.1	460.9	445.4	447.5	430.2	519.0	424.1	424.0
8-Jun-10	506.8	485.6									
13-Jun-10	505.8	485.5	513.1	509.7	460.9	444.8	446.7	430.1	518.6	423.7	423.7
21-Jul-10	504.8	485.5	512.6	509.3	460.6	444.7	446.6	429.5	518.0	423.9	
16-Aug-10	503.1	485.3	512.1	508.7	460.6	444.5	446.5	429.0	517.5	423.0	423.0
12-Sep-10	501.8	485.9	511.5	508.2	460.2	444.3	446.3	428.7	517.3	422.8	422.8
26-Sep-10	503.4										
17-Oct-10		485.1	511.6	508.0	460.3	444.4	446.3	428.7	517.5	424.6	424.6
14-Nov-10	505.1	485.3	512.1	509.7	460.7	444.7	446.7	429.4	518.5	423.9	423.8
19-Dec-10	505.2	485.5	512.6	(2)	(2)	(2)	446.8	(2)	518.2	(2)	(2)
16-Jan-11	505.6	485.6	512.9	(2)	(2)	(2)	447.1	(2)	(2)	(2)	(2)
20-Feb-11	505.9	486.9	(2)	(2)	(2)	(2)	447.0	(2)	(2)	(2)	(2)
13-Mar-11	(2)	485.6	512.7	509.8	(2)	(2)	447.0	(2)		(2)	(2)
17-Apr-11	506.9	485.8	514.0	510.0	461.0	445.5	447.5	430.5	520.3		423.4
15-May-11	507.2	485.9	513.7	509.7	461.0	445.7	447.6	430.5	520.0		424.3
13-Jun-11	505.4	485.8	513.0	509.4	461.2	445.2	447.1	429.9	518.6		423.3
3-Jul-11		485.5									
17-Jul-11	503.1	485.3	511.9	508.3	460.1	444.6	446.6	428.8	517.5		423.4
14-Aug-11	502.1	485.0	511.3	507.7	459.8	444.4	446.3	428.7	517.1		423.0
18-Sep-11	501.7	484.8	510.7	507.1	459.7	444.2	446.1	428.4	516.3		
17-Oct-11	502.2	485.0	510.6	508.3	459.8	444.1	446.0	428.2	516.8	423.0	
20-Nov-11	502.7	485.1	511.1	508.9	460.3	444.4	446.3	428.7	517.2	423.8	
18-Dec-11	502.9	485.4	512.3	509.0	460.7	445.0	446.9	429.6	519.1		
15-Jan-12	(2)	485.4	512.5		(2)	(2)	446.9				
19-Feb-12	(2)	485.4	512.2		(2)	(2)	446.8				
26-Feb-12	(2)	487.0									
18-Mar-12	505.9	484.6	514.0	510.2	460.5	445.9	447.9	430.6	521.2	425.1	425.1
15-Apr-12	504.6	485.7	512.9	509.4	460.9	445.0	446.9	429.6	518.2	424.4	424.3
13-May-12	504.8	485.6	512.5	509.3	460.8	444.7	446.6	429.4	518.1	424.6	424.6
17-Jun-12	504.1	485.2	511.9	507.9	460.6	444.5	446.4	428.9	517.5	423.0	423.0
1-Jul-12	502.3	485.0									
15-Jul-12	502.1	486.6	511.3	507.4	460.3	444.3	446.2	428.7	517.1	423.6	423.6
12-Aug-12	504.1	486.6	511.1	507.6	460.3	444.4	446.3	428.6	517.4	424.1	424.1
16-Sep-12		485.0	510.9	506.1	460.3	444.3	446.2	428.7	517.1	423.6	423.5
7-Oct-12		487.3									

Table B-4 Groundwater Elevations - Domestic Wells

Well Name	RW1	RW2	RW3	RW4	RW5	RW6	RW7	RW8	RW9	RW12	RW13
Flow System	AM	AM	AM	AF	MT	OB	OB	OB	AM	OB	OB
Date TOP	508.8	505.2	519.0	510.5	478.6	451.0	453.0	431.0	524.0	425.8	425.8
14-Oct-12	502.6	485.0	510.8	507.5	460.3	444.2	446.1	428.6	517.3	423.8	423.8
18-Nov-12	506.0	485.5	512.7	509.8	460.9	445.1	447.1	429.8	519.7	424.5	424.5
16-Dec-12	506.0	486.7	512.6	509.7	461.0	444.9	446.9	429.6	518.7	424.4	424.4
13-Jan-13	507.5	485.6	512.9	510.0	461.0	445.3	447.3	(2)	519.8	424.8	424.8
17-Feb-13	505.6	486.0	513.0	509.6	461.3	445.0	447.0	429.7	518.7	(2)	(2)
17-Mar-13	505.4	485.8	512.8	509.9	460.2	445.2	447.3	(2)	519.4	(2)	(2)
31-Mar-13	505.2	485.7									
14-Apr-13	507.4	485.9	513.5	510.0	461.4	445.7	447.7	430.4	520.9	424.8	424.8
12-May-13	505.6	485.9	513.3	509.6	461.4	445.2	447.2	429.9	518.7	423.6	423.6
16-Jun-13	505.0	485.6	512.7	508.7	461.1	444.9	446.9	429.6	518.3	423.7	423.7
14-Jul-13	503.9	485.5	512.2	509.0	460.7	444.7	446.6	429.0	518.1	424.1	424.0
18-Aug-13	502.5	485.2	511.7	508.5	460.5	444.5	446.4	428.8	517.5	424.0	424.0
15-Sep-13	502.3	485.1	511.3	508.2	460.2	444.3	446.3	428.6	517.4	422.9	422.8
13-Oct-13	504.3	486.2	511.9	509.4	460.3	444.7	446.7	428.8	518.3	423.8	423.7
17-Nov-13	505.7	487.1	512.7	509.8	461.0	445.0	447.0	429.5	519.0	423.9	423.9
16-Dec-13	505.7	485.8	512.7	509.6	460.7	444.9	447.0	(2)	518.6	423.5	(2)
19-Jan-14	(2)	485.9	512.3	509.4	(2)	(2)	446.7	(2)	518.1	(2)	(2)
16-Feb-14	(2)	485.3	(2)	508.9	(2)	(2)	(2)	(2)	517.5	(2)	(2)
17-Mar-14	(2)	485.2	(2)	508.3	(2)	(2)	(2)	(2)	517.3	(2)	(2)
13-Apr-14	507.8	486.3	514.0	510.4	461.1	446.5	448.6	430.8	521.4	424.5	(2)
11-May-14	506.6	487.4	513.6	509.9	460.4	445.5	447.5	430.2	519.4	424.1	424.1
15-Jun-14	503.3	485.6	512.4	508.8	460.8	444.8	446.7	429.2	517.5	422.9	422.9
13-Jul-14	503.2	487.1	511.9	508.5	460.5	444.5	446.5	428.8	517.3	423.8	423.8
17-Aug-14	502.8	486.8	511.4	508.1	460.3	444.3	446.3	428.6	516.3	423.1	423.1
7-Sep-14	502.5	486.2	511.1	508.0	460.3	444.3	446.2	428.5	516.8	423.2	423.1
12-Sep-14		485.2									
19-Sep-14	503.3										
19-Oct-14	502.9	486.3	511.1	508.9	460.6	444.4	446.4	428.5	517.2	423.4	423.3
2-Nov-14	504.7	485.3			460.8						
16-Nov-14	505.6	485.5	512.0	509.7	461.0		446.9				
14-Dec-14	505.3	485.6	512.5	509.6	461.1		446.9				
18-Jan-15		485.7	512.6				446.9				
15-Feb-15		485.4	512.0								
15-Mar-15		485.4	511.7				446.5				
19-Apr-15	506.7	485.8	513.6	509.7	461.1	445.4	447.4	430.3		424.0	423.9
17-May-15	504.7	486.4	512.7	509.1	459.1	444.9	446.8	429.6		423.7	423.7
14-Jun-15	503.5	485.4	512.2	508.5	460.4	444.5	446.5	429.0		423.7	423.6
19-Jul-15	503.6	485.5	512.2	508.9	460.7	444.5	446.5	429.1			
9-Aug-15	502.6	485.3	511.6	508.4	460.3	444.4	446.3	428.8			
6-Sep-15	502.4	485.2	511.2	507.7	458.5	444.0	446.1	428.7			
11-Oct-15	501.9	487.2	510.6	507.5	458.4	443.8	445.8	428.3		423.0	423.0

Table B-4 Groundwater Elevations - Domestic Wells

Well Name	RW1	RW2	RW3	RW4	RW5	RW6	RW7	RW8	RW9	RW12	RW13
Flow System	AM	AM	AM	AF	MT	OB	OB	OB	AM	OB	OB
Date TOP	508.8	505.2	519.0	510.5	478.6	451.0	453.0	431.0	524.0	425.8	425.8
15-Nov-15	501.8	487.3	510.7	508.4	459.6	443.8	446.8	428.1		422.9	422.8
6-Dec-15	502.5	487.1	510.9	508.2	460.0	443.9	445.9	428.2		423.4	423.3
17-Jan-16	504.2	487.8	511.7	509.5	460.6	444.5	446.5	(2)		(2)	424.7
14-Feb-16	(2)	487.1	512.2	509.6	460.9	444.9	446.9	(2)		(2)	(2)
13-Mar-16	505.6	488.1	513.8	510.2	461.3	446.0	447.9	430.6		425.1	425.1
17-Apr-16	506.5	486.1	513.8	509.7	461.3	445.7	447.7	430.3		424.8	424.8
15-May-16	506.2	486.7	513.0	509.2	460.9	445.1	447.0	430.0		423.7	423.7
19-Jun-16	502.3	487.3	512.1	508.7	460.2	444.7	446.6	429.0		422.8	422.8
17-Jul-16	502.0	487.1	511.4	508.0	459.6	444.4	446.4	428.7		422.6	422.6
24-Jul-16	502.1	487.3									
21-Aug-16	502.2	485.1	510.3	506.8	459.8	444.1	446.1	428.5		422.9	422.9
18-Sep-16	500.7	485.0	510.4	507.3	459.5	444.0	446.0	428.2		422.9	422.9
29-Sep-16											
16-Oct-16	501.4	486.0	510.2	507.3	459.5	443.8	445.8	428.0		422.9	422.9
13-Nov-16	500.2	485.1	510.2	507.8	459.4	443.8	445.8	427.9		422.9	422.9
27-Nov-16	501.5	486.1									
11-Dec-16	501.5	485.7	510.3	508.4	459.7	443.7	445.7	(2)		(2)	(2)
15-Jan-17	(2)	485.4	511.1	509.7	460.4	444.4	446.4	(2)		(2)	(2)
12-Feb-17	504.6	486.6	511.8	509.6	459.7	(2)	(2)	(2)		(2)	(2)
19-Mar-17	(2)	485.8	513.1	509.8	460.9	445.2	447.2	(2)		(2)	(2)
9-Apr-17	507.2	485.9									
16-Apr-17	506.5	485.9	513.6	509.9	461.1	445.5	447.5	430.4		425.0	425.0
11-May-17		485.9	513.9	509.9	459.7	445.8	447.8	430.4		424.2	424.1
21-May-17	506.7										
25-Jun-17			513.2	509.6	461.1	445.0	447.0	430.0		424.0	424.0
19-Jul-17			512.7	507.8	460.6	444.8	446.8	429.5		423.4	423.3
3-Aug-17											
17-Aug-17	505.7		512.0	(5)	460.5	444.5	446.5	428.7		422.8	422.8
29-Aug-17											
17-Sep-17			511.6	508.7	459.4	444.4	446.4	428.8		422.7	422.7
26-Sep-17											
15-Oct-17			511.5	509.0	460.1	444.3	446.3	428.7		422.8	422.8
14-Nov-17	(2)		511.9	509.1	460.2	444.5	446.5			423.5	423.5
11-Dec-17	(2)		512.3	509.5	460.8	444.8	446.8	(2)		(2)	(2)
14-Jan-18	506.3	486.6	512.6	509.9	460.9	445.2	447.1	(2)		(2)	(2)
11-Feb-18	504.9										
18-Feb-18	507.5	486.6	513.5	510.2	461.1	445.8	447.8	430.5		(2)	(2)
18-Mar-18	505.4		513.0	509.5	461.1	445.0	447.0	429.7		(2)	(2)
15-Apr-18			512.9	509.9	459.8	445.2	447.2	430.0			
17-May-18	506.1		513.5	509.6	461.3	445.4	447.3	430.1		424.1	424.1
18-Jun-18	503.4		512.4	508.5	460.8	444.8	446.7	429.2		422.8	422.8

Table B-4 Groundwater Elevations - Domestic Wells

Well Name	RW1	RW2	RW3	RW4	RW5	RW6	RW7	RW8	RW9	RW12	RW13
Flow System	AM	AM	AM	AF	MT	OB	OB	OB	AM	OB	OB
Date TOP	508.8	505.2	519.0	510.5	478.6	451.0	453.0	431.0	524.0	425.8	425.8
17-Jul-18	502.3		511.6	508.0	459.3	444.5	446.4	428.6		422.5	422.4
22-Aug-18	500.6		511.0		459.9	444.1	446.2	428.5		423.2	423.2
18-Sep-18	501.1		510.6	507.4	458.5	444.1	446.1	428.2		423.2	423.2
23-Oct-18	501.0		510.4	507.0	459.6	444.0	445.9	428.0		423.5	423.5
19-Nov-18	502.5		511.0	509.0	460.3	444.1	446.2	428.4		424.6	424.6
10-Dec-18	503.8		511.7		460.6	444.8	446.7	428.9		423.6	423.6
17-Jan-19	(2)		512.4		460.4	(2)	446.5	(2)		(2)	(2)
14-Feb-19	505.2		512.7		461.1	(2)	447.1	(2)		423.5	(2)
11-Mar-19	503.5		512.4		461.0	(2)	446.7	(2)		(2)	(2)
26-Apr-19	506.5		514.2		460.6	445.9	447.9	430.5		424.3	424.3
22-May-19	505.5	487.0	513.3		461.1	445.2	447.2	429.9		423.5	423.6
19-Jun-19	503.3	485.7	512.7		461.1		446.8	429.4		423.9	423.8
19-Jul-19	502.3	487.3	511.9		460.5		446.5	428.7		423.4	423.3
27-Aug-19	501.2	485.0	510.3		459.9		446.3	428.3		423.0	423.0
16-Sep-19	501.2	485.1	510.7		458.7		445.8	428.3		423.3	423.3
21-Oct-19	501.2	487.9	510.4		459.4						
18-Nov-19	501.2	485.0	510.5		459.6		445.9	428.0		422.6	422.7
17-Dec-19	(2)	485.0	510.5		459.5		445.9	428.0		422.7	422.6
14-Jan-20	506.1	485.4	510.0		462.8		447.1	429.5		424.6	424.6
18-Feb-20		485.5						(5)			423.7
24-Mar-20	506.6						447.5	430.1		424.6	424.6
22-Apr-20	(5)	487.7			460.9		447.3	(5)		423.9	423.9
27-May-20	(5)		512.7		459.8		447.7	429.7		424.0	424.0
26-Jun-20	503.4	488.2	512.6		460.2	445.1	446.5	429.2		423.9	423.9
28-Jul-20	502.8	486.3	512.1		459.6	445.1	446.1	427.9		423.6	423.6
31-Aug-20	502.5	485.6	511.8		460.3	444.9	445.2	429.0		423.5	423.4
29-Sep-20	501.4	485.0	511.2		460.3	444.8	445.5	428.6		423.3	423.5
22-Oct-20	503.1	488.1	512.7		460.4	444.7	446.6	429.7		424.7	424.7
24-Nov-20	504.4		511.8		460.7	444.8	446.4	429.3		424.7	424.7
21-Dec-20	504.6				460.9		447.0	429.9		424.5	424.5
29-Jan-21	505.6		(2)		462.8		447.1	429.5		424.5	424.5
19-Feb-21	506.0	(2)	(2)		462.0		(2)	(2)		(2)	(2)
31-Mar-21	506.6	485.5	(3)		461.0					424.7	424.7
29-Apr-21	502.5	485.8	(3)		460.5		447.0	429.5		424.4	424.4
28-May-21	502.3	485.5	(3)		460.5	444.0	446.8	429.4		423.0	423.0
25-Jun-21	(3)	(5)	(3)		461.6	(5)	446.5	429.3		423.2	423.1
26-Jul-21	504.2	487.6	511.4		460.5		446.3	(3)		424.0	424.1
24-Aug-21	504.4	487.3	(3)		460.0		446.8	(3)		424.3	424.3
22-Sep-21	504.5	487.0	511.0		460.0		446.3	(3)		423.6	423.6
29-Oct-21	504.0	486.0	511.0		459.6		446.7	(3)		423.7	423.7
24-Nov-21	503.9	485.5	(3)				446.9	(3)		423.7	423.7

Table B-4 Groundwater Elevations - Domestic Wells

Well Name	RW1	RW2	RW3	RW4	RW5	RW6	RW7	RW8	RW9	RW12	RW13
Flow System	AM	AM	AM	AF	MT	OB	OB	OB	AM	OB	OB
Date TOP	508.8	505.2	519.0	510.5	478.6	451.0	453.0	431.0	524.0	425.8	425.8
23-Dec-21	503.9	486.8	(3)				446.9	(3)		423.6	423.6
26-Jan-22	504.2	(3)	(3)				(2)	(2)		423.8	423.8
10-Feb-22	504.0	(3)	(3)				(2)	(2)		423.3	423.3
16-Mar-22	504.7		513.0				446.7	(3)		424.0	424.1
22-Apr-22	505.5	486.0	513.3				447.1	(3)		423.3	423.3
26-May-22	502.3	485.7	(3)				446.8	(3)		423.0	423.0
20-Jun-22	505.5	(3)	512.0				448.1	(3)			
22-Jun-22											
13-Aug-22						444.7					
31-Aug-22	500.5	(3)	510.8		459.9		446.2	428.8		422.9	422.9
28-Sep-22											
29-Sep-22	500.8	485.0	510.6		459.7	(3)	445.9	428.2			
26-Oct-22											
27-Oct-22			510.5		459.7		445.8	428.0		422.7	422.7
28-Oct-22	500.0	484.9									
22-Nov-22										422.5	422.5
23-Nov-22					457.7						
24-Apr-23											
15-May-23											
29-May-23			512.8								
30-May-23	503.0	485.6			461.1		446.9	429.5		423.1	423.1
14-Jun-23											
27-Jun-23											
12-Jul-23											
25-Jul-23											
30-Aug-23											
30-Oct-23			511.2								
31-Oct-23								428.5			
1-Nov-23	500.6	484.9			460.3		446.2			423.0	422.9

Table B-4 Groundwater Elevations - Domestic Wells

Well Name	RW16	RW17	RW18	RW19
Flow System	AM		OB	AM
Date	TOP			
	513.3	514.7	513.8	523.8
16-May-03			512.8	
26-Jun-03			512.7	
24-Jul-03	509.0		512.6	
21-Aug-03	508.2		512.2	
25-Sep-03	507.6		511.9	
22-Oct-03	508.8		512.4	
25-Nov-03	510.1		(2)	
22-Dec-03	510.4		512.8	
9-Feb-04	(2)		(2)	
16-Mar-04	(2)		(2)	
21-Apr-04	511.6		512.9	
18-May-04	510.6		512.7	
22-Jun-04	510.2		512.7	
28-Jul-04	509.2		512.5	
25-Aug-04	508.2		512.1	
24-Sep-04	507.6		511.8	
19-Oct-04	507.2		511.5	
16-Nov-04	507.4		511.7	
16-Dec-04	(2)		(2)	
31-Jan-05	(2)		(2)	
24-Feb-05	(2)		(2)	
22-Mar-05	(2)		(2)	
20-Apr-05	511.6		512.9	
25-May-05	510.7		512.6	
29-Jun-05	509.6		512.6	
13-Jul-05	508.9		512.6	
23-Aug-05	507.4		512.1	
26-Sep-05	506.8		511.3	
26-Oct-05	506.6		511.3	
16-Nov-05	506.9		511.9	
14-Dec-05	507.5		(2)	
20-Jan-06	509.0		(2)	
14-Feb-06	509.5		(2)	
19-Mar-06	511.3		(2)	
17-Apr-06	511.6		512.8	
19-May-06	510.1		512.6	
19-Jun-06	508.5		512.5	
10-Jul-06			512.5	
23-Aug-06	506.4		511.3	
18-Sep-06	506.2		511.2	
17-Oct-06	506.2		511.5	

Table B-4 Groundwater Elevations - Domestic Wells

Well Name	RW16	RW17	RW18	RW19
Flow System	AM		OB	AM
Date TOP	513.3	514.7	513.8	523.8
22-Nov-06	509.1		512.6	
15-Dec-06	509.9		512.7	
22-Jan-07	(2)		(2)	
19-Feb-07	(2)		(2)	
18-Mar-07	(2)		(2)	
15-Apr-07	511.1		512.7	
17-May-07	509.6		512.5	
17-Jun-07	507.9		512.4	
15-Jul-07	506.8			
19-Aug-07	506.0		510.9	
10-Sep-07				
16-Sep-07	505.8			
14-Oct-07	505.6			
18-Nov-07	506.1			
9-Dec-07	(2)			
20-Jan-08	(2)			
17-Feb-08	(2)	511.2		
16-Mar-08	(2)	511.2		
6-Apr-08	(2)	511.6	512.9	
20-Apr-08	511.6	511.5	512.9	
18-May-08	510.2	511.1	512.8	
15-Jun-08	508.8	510.9	512.4	
13-Jul-08	507.5	510.7	512.3	
17-Aug-08	507.4	510.8	512.1	
31-Aug-08			511.7	
14-Sep-08	506.5	510.8	511.9	
19-Oct-08	507.8	510.8	512.5	518.8
23-Nov-08	(2)	(2)	513.0	(2)
14-Dec-08	(2)	510.2	(2)	(2)
18-Jan-09	(2)	(2)	(2)	(2)
8-Feb-09	509.4	511.1	(2)	(2)
15-Mar-09	510.7	511.3	513.4	(2)
12-Apr-09	510.8	511.3	512.7	515.1
17-May-09	510.0	511.1	512.8	514.6
14-Jun-09	508.6	510.9	512.4	
12-Jul-09	507.3	510.7	512.2	511.2
9-Aug-09	506.5	510.5	512.4	510.3
13-Sep-09	506.0	509.8	512.8	507.5
11-Oct-09	506.5	510.4	513.0	508.9
15-Nov-09	507.1	510.5	513.1	508.3
29-Nov-09	507.1			

Table B-4 Groundwater Elevations - Domestic Wells

Well Name	RW16	RW17	RW18	RW19
Flow System	AM		OB	AM
Date TOP	513.3	514.7	513.8	523.8
13-Dec-09	507.6	(2)	513.0	509.6
12-Jan-10	507.5			
17-Jan-10	508.3	510.8	(2)	509.3
7-Feb-10		510.8	(2)	508.8
14-Mar-10	509.6	511.6	512.9	508.9
18-Apr-10	510.4	511.2	513.0	509.6
16-May-10	509.6	511.1	512.6	
8-Jun-10	508.9			
13-Jun-10	508.9	511.2	512.2	512.2
21-Jul-10	508.4	511.1	512.3	511.7
16-Aug-10	507.5	510.8	512.2	509.0
12-Sep-10	506.6	510.6	512.4	509.0
26-Sep-10	506.5			
17-Oct-10	507.0	510.8	512.8	508.8
14-Nov-10	508.5	511.1	512.8	508.6
19-Dec-10		(2)	512.4	508.8
16-Jan-11		(2)	(2)	509.5
20-Feb-11	508.9	511.2	(2)	508.3
13-Mar-11	509.2	511.2	(2)	509.2
17-Apr-11	511.2	511.4	(2)	509.8
15-May-11	510.6	511.5	512.9	509.2
13-Jun-11	509.7	511.1	512.5	507.9
3-Jul-11	508.2			
17-Jul-11	507.6	510.6	511.8	507.8
14-Aug-11	507.2	510.3	511.9	508.2
18-Sep-11	506.5	509.7	511.8	509.0
17-Oct-11	506.9	510.3	511.8	508.2
20-Nov-11	508.0	510.7	511.9	508.6
18-Dec-11	509.8	511.2	512.4	508.9
15-Jan-12	509.6	511.1		
19-Feb-12	509.3	510.8	512.5	509.2
26-Feb-12	508.2			
18-Mar-12	511.2	511.5	512.9	510.7
15-Apr-12	509.6	511.1	512.3	507.8
13-May-12	508.6	511.0	512.3	508.8
17-Jun-12	507.4	510.8	512.2	508.5
1-Jul-12	506.6			
15-Jul-12	506.4	510.3	511.9	508.3
12-Aug-12	507.1	510.9	512.3	509.0
16-Sep-12	506.5	510.4	510.9	507.8
7-Oct-12	506.3			

Table B-4 Groundwater Elevations - Domestic Wells

Well Name	RW16	RW17	RW18	RW19
Flow System	AM		OB	AM
Date TOP	513.3	514.7	513.8	523.8
14-Oct-12	506.8	510.6	510.9	509.2
18-Nov-12	509.6	511.2	512.8	510.0
16-Dec-12	509.1	511.2	513.1	509.0
13-Jan-13	509.6	511.5	513.1	510.0
17-Feb-13	509.3	511.2	(2)	508.2
17-Mar-13	509.5	511.2	(2)	508.7
31-Mar-13	509.1			
14-Apr-13	510.5	511.4	512.9	509.3
12-May-13	510.0	511.2	512.7	508.5
16-Jun-13	508.9	511.0	512.5	508.8
14-Jul-13	508.1	510.9	512.0	508.9
18-Aug-13	507.1	510.7	512.0	508.6
15-Sep-13	506.5	510.6	512.2	509.6
13-Oct-13	508.2	511.2	512.3	509.6
17-Nov-13	509.2	511.3	512.5	508.8
16-Dec-13	509.1	511.2	(2)	508.8
19-Jan-14	508.5	511.1	(2)	509.5
16-Feb-14	507.7	510.9	(2)	509.6
17-Mar-14	507.4	510.9	(2)	509.4
13-Apr-14	511.9	512.2	(2)	512.2
11-May-14	510.5	511.3	512.6	509.4
15-Jun-14	508.2	510.9	511.9	509.3
13-Jul-14	507.2	510.8	512.0	509.3
17-Aug-14	506.6	510.6	511.9	509.2
7-Sep-14	506.3	510.5	511.9	509.2
12-Sep-14	506.8			
19-Sep-14				
19-Oct-14	507.5	510.8	512.9	509.2
2-Nov-14	508.2			507.7
16-Nov-14	508.9	511.2	512.9	509.2
14-Dec-14	509.1	511.1	512.8	509.2
18-Jan-15				
15-Feb-15				
15-Mar-15				507.9
19-Apr-15	510.6	511.4	512.9	513.1
17-May-15	509.0	511.0	512.6	509.8
14-Jun-15	507.9	511.0	512.3	508.5
19-Jul-15	507.9	510.9	512.1	508.0
9-Aug-15	507.0	510.8	511.6	507.2
6-Sep-15	506.2	510.5	511.0	506.5
11-Oct-15	505.6	509.9	(1)	506.0

Table B-4 Groundwater Elevations - Domestic Wells

Well Name	RW16	RW17	RW18	RW19
Flow System	AM		OB	AM
Date TOP	513.3	514.7	513.8	523.8
15-Nov-15	506.3	510.6	510.8	506.4
6-Dec-15	507.3	510.8	511.0	506.4
17-Jan-16	(2)	511.0	(2)	507.5
14-Feb-16	508.7	511.1	(2)	508.9
13-Mar-16	512.5	511.7	513.0	514.9
17-Apr-16	510.7	511.3	512.9	514.4
15-May-16	509.4	511.1	512.6	511.0
19-Jun-16	507.6	510.7	512.2	508.8
17-Jul-16	506.3	510.3	511.2	507.1
24-Jul-16	506.1			
21-Aug-16	505.6	509.7	(1)	506.0
18-Sep-16	505.3	509.4	(1)	505.6
29-Sep-16	505.2			
16-Oct-16	505.1	509.2	(1)	505.3
13-Nov-16	505.1	509.3	(1)	505.2
27-Nov-16	505.1			
11-Dec-16	506.0	509.8	(2)	505.2
15-Jan-17	508.1	510.9	(2)	507.8
12-Feb-17	508.3	510.9	(2)	507.4
19-Mar-17	509.9	511.2	(2)	510.7
9-Apr-17	510.4			
16-Apr-17	510.3	511.3	512.7	512.0
11-May-17	510.6	511.3	512.7	512.8
21-May-17	510.1			
25-Jun-17	509.2	511.4	512.6	510.9
19-Jul-17	508.4	511.0	512.5	509.6
3-Aug-17	507.7			
17-Aug-17	507.2	510.8	511.7	507.9
29-Aug-17	506.8			
17-Sep-17	506.5	510.6	511.0	506.8
26-Sep-17	506.5			
15-Oct-17	507.2	510.8	511.3	506.7
14-Nov-17	507.8	511.0	511.5	507.0
11-Dec-17	512.5	(2)	(2)	510.3
14-Jan-18	509.0	511.3	(2)	509.4
11-Feb-18	508.7			
18-Feb-18	510.4		(2)	509.9
18-Mar-18	509.6	511.1	(2)	509.9
15-Apr-18	509.5	511.4		510.5
17-May-18	510.6	511.2	512.5	510.8
18-Jun-18	508.0	510.8	511.9	508.5

Table B-4 Groundwater Elevations - Domestic Wells

Well Name	RW16	RW17	RW18	RW19
Flow System	AM		OB	AM
Date TOP	513.3	514.7	513.8	523.8
17-Jul-18	506.7	510.3	510.9	506.8
22-Aug-18	505.7	511.7	511.3	504.7
18-Sep-18	505.4	509.5	511.3	504.2
23-Oct-18	505.1	509.5	510.9	504.9
19-Nov-18	507.0	510.7	(2)	505.7
10-Dec-18	507.0	511.0	(2)	506.8
17-Jan-19	508.7	511.1	(2)	508.7
14-Feb-19	508.7	511.2	(2)	(2)
11-Mar-19	509.4	511.0	(2)	510.8
26-Apr-19	511.3	511.4	512.7	514.1
22-May-19	511.3	511.2	512.7	509.6
19-Jun-19	508.7	510.9	512.1	508.0
19-Jul-19	506.9	510.3	510.9	506.5
27-Aug-19	505.8	509.9	511.0	505.2
16-Sep-19	505.5	509.3	511.0	505.0
21-Oct-19				
18-Nov-19	505.5	510.0	511.0	504.1
17-Dec-19	507.2	510.8	(2)	(2)
14-Jan-20	508.9	510.8	(5)	
18-Feb-20	511.3	509.4		
24-Mar-20	510.0	511.4		
22-Apr-20	509.9	511.2	512.5	509.4
27-May-20	508.4	511.0	511.7	507.8
26-Jun-20	508.4	510.8	511.7	507.5
28-Jul-20	506.4	510.8	510.8	
31-Aug-20	506.6	510.2	511.0	
29-Sep-20	506.4	509.9	510.8	
22-Oct-20	506.7	511.9	510.7	
24-Nov-20	509.4	509.8	510.8	
21-Dec-20	509.0	510.2		
29-Jan-21	509.2	510.8	(2)	
19-Feb-21	(2)	(2)	(2)	
31-Mar-21	509.4		(2)	
29-Apr-21	510.0	509.9	512.4	
28-May-21	509.7	510.0	512.0	
25-Jun-21	509.6	510.1	511.8	
26-Jul-21	506.4	510.5	508.6	
24-Aug-21	505.9	510.0	508.9	
22-Sep-21	508.4	510.5	509.5	
29-Oct-21	508.7	510.7	510.7	
24-Nov-21	508.5	511.2	511.5	

Table B-4 Groundwater Elevations - Domestic Wells

Well Name	RW16	RW17	RW18	RW19
Flow System	AM		OB	AM
Date	TOP			
	513.3	514.7	513.8	523.8
23-Dec-21	508.5	511.4	511.2	
26-Jan-22	507.6	(3)		
10-Feb-22	(2)	(3)		
16-Mar-22	508.6	510.2		
22-Apr-22	509.3	510.5		
26-May-22	507.3	(3)		
20-Jun-22				
22-Jun-22	509.3			
13-Aug-22				
31-Aug-22	507.2	(3)		
28-Sep-22	504.6			
29-Sep-22		509.7		
26-Oct-22		509.4		
27-Oct-22				
28-Oct-22	504.5			
22-Nov-22				
23-Nov-22				
24-Apr-23	509.8			
15-May-23	508.9			
29-May-23		510.9		
30-May-23	508.0			
14-Jun-23	507.3			
27-Jun-23	506.7			
12-Jul-23	507.1			
25-Jul-23	509.8			
30-Aug-23	506.4			
30-Oct-23		510.5		
31-Oct-23				
1-Nov-23	505.0			

Table B-5 Groundwater Elevations - Carmarthen Lake Farms Wells

Well Name	CLF1	CLF2	CLF3	CLF4	CLF5
Flow System	AF	AF	AM	AM	AM
Date TOP	521.1	519.2	517.6	510.0	509.2
8-Jun-96	511.8		507.5	507.5	507.5
6-Sep-96	511.7	511.7	507.2	507.2	507.3
23-Dec-96	512.0	512.1	508.3	508.1	507.9
26-Feb-97	512.1	512.1	(2)	509.1	508.4
8-May-97	512.0	512.0	508.3	509.1	508.1
26-Aug-97	511.9	511.9	507.5	508.6	507.5
19-Dec-97	511.9	511.9	507.8	509.0	507.7
27-Feb-98	(2)	514.8	(2)	509.0	(2)
8-Apr-98		510.2	509.5	509.1	508.7
10-May-98	511.6	511.6	507.3	507.3	507.3
29-Dec-98	(2)	(2)	(2)	508.7	(2)
24-Feb-99	(2)	(2)	(2)	508.8	(2)
28-Apr-99	511.8	510.6	507.7	508.6	506.9
26-May-99	512.0	510.1	507.5	508.4	507.5
29-Jun-99		510.3	507.4	507.4	507.4
26-Jul-99			507.3	507.3	507.4
17-Aug-99	510.3	511.4	507.2	507.3	507.6
27-Sep-99	511.8	511.2	507.1	507.2	507.3
25-Oct-99	510.8	511.0	507.2	507.2	507.3
21-Nov-99	511.1	511.3	507.4	507.4	507.4
21-Dec-99	511.2	511.4	507.5	507.7	507.5
25-Jan-00	(2)	(2)	507.8	508.6	507.6
29-Feb-00	(2)	(2)	509.5	509.0	508.6
31-Mar-00	(2)	(2)	507.9	509.0	507.8
2-Jun-00	511.0	511.1	508.0	508.7	507.8
7-Jul-00	510.7	510.8	507.8	508.8	507.7
27-Aug-00	510.6	510.6	507.4	508.4	507.4
28-Sep-00	510.9	510.9	507.6	508.7	507.5
3-Nov-00	511.0	511.0	507.7	508.8	507.6
22-Feb-01	(2)	(2)	(2)	(2)	(2)
22-Mar-01	(2)	(2)	(2)	(2)	(2)
2-May-01	510.5		508.3	508.7	
7-Jun-01			507.5	508.6	507.5
12-Jul-01	509.1		507.3	507.5	506.9
1-Aug-01	509.7		507.3	507.3	507.3
4-Oct-01	509.8	509.7	507.3	507.4	507.3
1-Nov-01	510.5	510.8	508.2	509.0	507.9
14-Dec-01	510.4	510.5	508.0	508.9	507.8
10-Jan-02	510.3	510.4	507.8	509.0	507.6
14-Mar-02	(2)	(2)	(2)	509.0	(2)
16-May-02	510.7	510.8	508.0	509.2	507.8

Table B-5 Groundwater Elevations - Carmarthen Lake Farms Wells

Well Name	CLF1	CLF2	CLF3	CLF4	CLF5
Flow System	AF	AF	AM	AM	AM
Date TOP	521.1	519.2	517.6	510.0	509.2
20-Jun-02	509.9	510.5	507.7	508.7	507.6
11-Jul-02	506.5	509.5	507.8	507.7	507.5
13-Sep-02	508.9	509.6	507.1	507.2	507.3
1-Nov-02	510.9	510.3	507.0	507.1	507.2
16-Jan-03	(2)	(2)	507.3	508.5	(2)
11-Apr-03	510.8	511.1	(2)	509.2	(2)
15-May-03	510.5	513.7	507.8	508.9	507.6
24-Jun-03	510.4	510.6	507.5	508.4	507.4
22-Jul-03	510.1	510.2	507.4	507.3	507.4
20-Aug-03	509.8	509.9	507.3	507.3	507.4
25-Sep-03	509.3	509.6	507.2	507.2	506.8
22-Oct-03	509.3	508.3	507.3	508.7	507.4
25-Nov-03	510.4	509.6	508.3	508.9	508.0
11-Dec-03	510.4	510.2	(2)	(2)	(2)
22-Dec-03	510.6	510.7	508.3	509.0	
9-Feb-04	509.5	509.5	(2)	508.8	(2)
16-Mar-04	510.3	510.5	508.4	509.0	508.0
2-Apr-04	512.0	512.4	(2)	(2)	(2)
20-Apr-04	510.8	511.1	508.9	509.0	508.2
18-May-04	510.2	510.4	507.9	508.9	507.7
22-Jun-04	509.6	510.0	507.6	508.8	507.6
28-Jul-04	509.4	509.7	507.4	508.4	507.4
25-Aug-04	509.2	509.5	507.0	507.3	507.3
22-Sep-04	509.5	509.6	507.2	507.2	507.3
19-Oct-04	509.4	509.5	507.1	507.2	507.2
16-Nov-04	508.2	508.3	507.2	507.2	507.3
16-Dec-04	(2)	509.2	507.3	508.7	507.4
31-Jan-05	(2)	509.2	507.8	508.7	(2)
24-Feb-05	(2)	508.8	507.6	508.9	507.5
22-Mar-05	508.8	508.5	(2)	508.8	(2)
20-Apr-05	511.4	511.9	510.1	509.2	508.8
25-May-05	510.6	510.9	507.9	508.7	507.7
29-Jun-05	510.1	510.5	507.5	508.4	506.3
13-Jul-05	510.3	510.4	507.4	507.5	507.4
23-Aug-05	510.2	510.3	507.3	507.3	507.3
26-Sep-05	510.2	510.3	507.2	507.2	507.3
26-Oct-05	510.4	510.4	507.2	507.2	507.3
16-Nov-05	510.6	510.6	507.2	507.2	507.3
14-Dec-05	(2)	510.3	507.4	508.5	507.4
20-Jan-06	510.5	510.6	508.1	509.0	507.9
12-Feb-06	510.4	510.6	507.9	508.9	507.8

Table B-5 Groundwater Elevations - Carmarthen Lake Farms Wells

Well Name	CLF1	CLF2	CLF3	CLF4	CLF5
Flow System	AF	AF	AM	AM	AM
Date TOP	521.1	519.2	517.6	510.0	509.2
19-Mar-06	511.2	511.3	509.0	509.0	508.3
16-Apr-06	511.0	511.1	509.2	509.0	508.5
14-May-06	510.3	510.5	507.8	508.9	507.3
18-Jun-06	509.6	509.8	507.4	507.7	506.6
9-Jul-06	509.8	509.7	507.3	507.3	506.3
20-Aug-06	509.5	509.6	507.2	507.2	506.3
17-Sep-06	509.4	509.6	507.1	507.1	507.2
15-Oct-06	509.3	509.2	507.2	507.2	507.3
19-Nov-06	510.4	510.5	508.1	508.9	507.8
10-Dec-06	510.6	510.7	510.4	509.1	508.0
21-Jan-07	511.9	(2)	507.8	508.9	507.6
18-Feb-07	(2)	(2)	507.5	508.7	507.5
18-Mar-07	510.3	510.6	508.7	509.1	508.0
15-Apr-07	511.3	510.7	508.5	509.1	508.0
17-May-07	509.9	509.9	507.6	509.0	507.6
21-Jun-07	509.1	509.1	507.4	508.2	507.4
17-Jul-07	509.2	508.4	507.3	507.3	507.3
21-Aug-07	509.2	509.3	507.1	507.2	507.2
18-Sep-07	509.6	509.7	507.0	507.1	507.2
22-Oct-07	509.6	509.7	507.0	507.0	507.2
23-Nov-07	509.7	509.8	507.3	507.5	507.3
13-Dec-07	509.6	509.8	(2)	508.8	(2)
24-Jan-08	509.7	509.8	507.3	508.8	507.9
21-Feb-08	509.5	509.6	507.5	509.1	508.3
18-Mar-08	510.5	510.7	(2)	509.0	(2)
7-Apr-08	511.6	511.8	(2)	509.4	508.8
21-Apr-08	510.5	511.2	509.5	509.1	508.5
20-May-08	510.6	510.8	507.9	508.9	508.3
16-Jun-08	510.3	510.3	507.4	508.7	507.8
14-Jul-08	509.5	509.8	505.0	507.7	507.0
18-Aug-08	509.5	510.5	507.1	508.4	507.8
15-Sep-08	508.9	510.3	507.5	508.4	507.7
20-Oct-08	509.8	509.4	507.4		507.8
23-Nov-08	510.4	510.2	507.6	508.7	508.3
14-Dec-08	512.7	511.5	507.6	509.4	(2)
18-Jan-09	511.9	510.8	507.0	509.0	(2)
8-Feb-09	510.0	508.4	507.2	509.1	(2)
15-Mar-09	510.8	510.9	507.3	509.2	
12-Apr-09	510.8	510.5	507.3	509.2	
17-May-09	510.5	510.5	508.0	508.8	507.7
14-Jun-09	510.4	510.3	507.9	508.8	507.5

Table B-5 Groundwater Elevations - Carmarthen Lake Farms Wells

Well Name	CLF1	CLF2	CLF3	CLF4	CLF5
Flow System	AF	AF	AM	AM	AM
Date TOP	521.1	519.2	517.6	510.0	509.2
12-Jul-09	509.7	508.8	507.4	507.4	506.7
9-Aug-09	509.8	509.0	507.1	507.3	506.5
13-Sep-09	509.8	509.9	507.2	507.3	506.5
11-Oct-09	510.2	510.3	507.4	508.8	507.9
15-Nov-09	509.8	510.0	507.4	508.7	507.9
13-Dec-09	509.9	510.2	507.5	509.1	508.3
17-Jan-10	509.9	510.1	507.5	509.1	508.2
7-Feb-10	510.0	510.1	507.7	509.1	508.3
14-Mar-10	511.4	511.4	509.0	509.5	508.6
18-Apr-10		510.8	508.3	509.0	507.9
16-May-10	510.6	510.9	507.9	508.9	507.7
8-Jun-10					
13-Jun-10	511.0	510.8	507.6	508.9	507.8
21-Jul-10	510.5	510.7	507.4	509.0	508.0
16-Aug-10	510.2	510.3	507.5	508.9	507.7
12-Sep-10	510.2	510.3	507.2	507.3	507.4
17-Oct-10	510.3	510.3	507.5	508.5	507.4
14-Nov-10	510.3	510.5	507.5	508.6	507.6
19-Dec-10	510.4	510.7	508.2	509.1	508.0
16-Jan-11	510.6	510.6	508.2	509.3	508.2
20-Feb-11	510.5	510.4	508.1	509.1	508.2
13-Mar-11	510.7	510.7		509.2	508.3
17-Apr-11	511.0	511.1	509.0	509.2	508.2
15-May-11	511.2	511.3	508.6	509.2	508.2
13-Jun-11	510.9	511.0	508.2	508.9	507.8
17-Jul-11	509.9	510.1	507.4	507.5	506.6
14-Aug-11	509.4	509.4	507.3	508.1	506.2
18-Sep-11	509.1	509.3	507.2	508.0	506.1
17-Oct-11	508.6	508.8	507.3	507.8	506.5
20-Nov-11	510.2	509.2	507.3	508.6	507.3
18-Dec-11	510.3	509.3	507.4	508.8	507.5
15-Jan-12	510.4	509.5	507.6	509.0	507.8
19-Feb-12	510.5	509.6	(2)	508.9	508.0
26-Feb-12					
18-Mar-12	512.1	511.3	509.7	509.0	508.0
15-Apr-12	510.6	510.7	507.8	508.9	507.9
13-May-12	510.4	510.5	507.7	508.8	507.8
17-Jun-12	510.0	510.1	507.4	508.5	507.5
15-Jul-12	509.8	510.0	507.3	508.5	507.5
12-Aug-12	510.5	510.9	507.5	508.5	507.5
16-Sep-12	510.0	510.1	507.3	507.3	507.3

Table B-5 Groundwater Elevations - Carmarthen Lake Farms Wells

Well Name	CLF1	CLF2	CLF3	CLF4	CLF5
Flow System	AF	AF	AM	AM	AM
Date TOP	521.1	519.2	517.6	510.0	509.2
14-Oct-12	510.2	510.7	507.5	507.8	507.8
18-Nov-12	510.4	511.1	508.1	508.4	508.6
16-Dec-12	510.7	510.8	507.6	508.7	508.3
13-Jan-13	511.0	511.1	508.3	509.2	508.6
17-Feb-13	511.3	511.2	508.3	509.3	508.6
17-Mar-13	511.0	510.8	508.2	509.0	508.4
14-Apr-13	511.3	510.0	509.0	509.2	508.5
12-May-13	510.5	508.9	508.1	508.9	508.2
16-Jun-13		510.9	507.9	508.8	508.1
14-Jul-13		510.9	507.6	508.6	507.9
18-Aug-13		510.4	507.4	508.2	507.6
15-Sep-13		510.4	507.4	508.3	507.6
13-Oct-13		509.9	507.5	508.6	508.0
17-Nov-13		510.2	507.7	509.5	508.7
16-Dec-13		510.2	507.6	509.5	508.7
19-Jan-14		510.2	507.5	509.4	508.6
16-Feb-14		510.3	507.6	509.5	508.7
17-Mar-14		510.7	(2)	509.4	508.6
13-Apr-14		510.7	(2)	509.3	508.5
11-May-14		510.6	508.5	508.9	508.1
18-Jun-14		510.6	507.6	507.6	506.8
13-Jul-14		510.7	507.3	508.3	507.6
17-Aug-14		510.7	507.3	508.5	507.7
7-Sep-14		510.6	507.2	507.4	507.4
19-Oct-14		510.8	507.5	509.4	508.5
16-Nov-14		511.1	508.1	509.0	508.2
14-Dec-14		511.0		509.1	508.3
18-Jan-15		511.0	508.9	509.1	508.3
15-Feb-15		(2)	(2)	(2)	(2)
15-Mar-15		(2)	(2)	509.2	(2)
19-Apr-15		510.8	509.0	509.3	508.4
17-May-15		510.9	507.7	508.6	507.6
14-Jun-15		510.8	507.5	508.8	507.5
19-Jul-15		510.8	507.5	508.4	507.5
9-Aug-15		510.8	507.4	507.4	507.2
6-Sep-15		510.6	507.3	507.3	507.0
11-Oct-15		510.6	507.2	507.3	507.3
15-Nov-15		510.8	507.4	508.6	507.4
6-Dec-15		510.7	507.5	508.6	507.5
17-Jan-16		510.5	507.8	508.9	507.6
14-Feb-16		510.8	507.9	508.9	507.7

Table B-5 Groundwater Elevations - Carmarthen Lake Farms Wells

Well Name	CLF1	CLF2	CLF3	CLF4	CLF5
Flow System	AF	AF	AM	AM	AM
Date TOP	521.1	519.2	517.6	510.0	509.2
13-Mar-16		511.3	509.6	509.3	508.6
17-Apr-16		510.9	508.9	509.0	508.3
15-May-16		510.9	507.8	508.9	507.7
19-Jun-16		510.6	507.5	507.5	507.4
17-Jul-16		510.7	507.3	507.4	507.4
21-Aug-16		510.7	507.2	507.3	507.3
18-Sep-16		510.7	507.2	507.3	507.3
16-Oct-16		510.7	507.2	507.2	507.3
13-Nov-16		510.6	507.2	507.3	507.3
11-Dec-16		(2)	507.3	507.3	(2)
15-Jan-17		510.8	508.1	509.2	507.9
12-Feb-17		510.9	(2)	(2)	(2)
19-Mar-17		510.7	508.1	508.8	507.9
16-Apr-17		511.1	508.9	509.1	508.2
19-May-17		511.1	508.7	509.0	508.0
25-Jun-17		511.2	508.3	509.1	508.0
19-Jul-17		510.9	507.9	508.9	507.7
17-Aug-17		510.8	507.6	508.8	507.6
17-Sep-17		509.5	507.5	508.4	507.4
15-Oct-17		511.0	507.5	509.0	507.5
14-Nov-17		511.0	507.8	509.3	507.7
11-Dec-17		510.9	507.8	509.1	507.6
14-Jan-18		511.2	508.7	509.1	508.2
11-Feb-18		511.6	508.3	509.5	508.2
18-Feb-18		510.3	507.9	508.9	507.8
18-Mar-18		510.3	507.9	508.9	507.8
15-Apr-18		511.6	508.2	509.2	508.0
17-May-18		511.6	508.4	509.1	508.0
18-Jun-18			507.5	507.8	507.5
17-Jul-18		511.1	507.4	507.3	507.4
22-Aug-18		511.5	507.3	507.3	507.3
18-Sep-18		511.4	507.3	507.3	507.3
23-Oct-18		511.4	507.3	507.3	507.0
19-Nov-18			507.5	508.9	507.5
10-Dec-18		511.6	508.0	509.0	507.8
17-Jan-19		(2)	507.0	508.9	507.8
14-Feb-19		511.6	508.3	508.9	508.0
11-Mar-19		(2)	(2)	508.9	(2)
26-Apr-19		512.3	510.0	509.1	508.4
22-May-19			508.3	509.0	508.0
19-Jun-19			507.7	508.7	507.6

Table B-5 Groundwater Elevations - Carmarthen Lake Farms Wells

Well Name	CLF1	CLF2	CLF3	CLF4	CLF5
Flow System	AF	AF	AM	AM	AM
Date TOP	521.1	519.2	517.6	510.0	509.2
19-Jul-19		510.5	507.4	507.5	507.4
27-Aug-19		511.2	506.9	507.4	507.4
16-Sep-19		511.4	507.2	507.2	507.3
21-Oct-19		511.3	507.2	507.2	507.3
18-Nov-19		511.5	507.4	507.5	507.4
17-Dec-19		510.2	507.8	508.9	507.7
14-Jan-20		510.3	508.1	508.9	507.7
18-Feb-20				508.9	
24-Mar-20		512.0		509.1	508.5
22-Apr-20			508.1	509.0	507.8
27-May-20			507.5	508.8	507.5
26-Jun-20			508.4	508.8	507.6
28-Jul-20			507.4	508.4	507.4
31-Aug-20					
28-Sep-20			507.3	507.3	507.3
27-Oct-20			507.0	508.6	507.3
24-Nov-20			507.4	508.8	507.4
21-Dec-20				509.0	
29-Jan-21			(2)	(2)	(2)
19-Feb-21			(2)	(2)	(2)
31-Mar-21			509.1	509.2	508.6
29-Apr-21			508.0	509.2	507.8
28-May-21			507.6	508.5	507.5
25-Jun-21			507.3	507.4	507.4
26-Jul-21			507.3	508.5	507.4
24-Aug-21			507.4	508.1	507.2
22-Sep-21			508.6	509.1	508.2
29-Oct-21			507.3	508.6	507.3
24-Nov-21			507.9	509.1	507.8
23-Dec-21			507.9	509.1	507.8
26-Jan-22			(2)	(2)	(2)
10-Feb-22			(2)	(2)	(2)
16-Mar-22			509.0	509.1	(2)
22-Apr-22			508.2	509.2	507.9
26-May-22			507.6	508.7	507.6
20-Jun-22			508.2	509.2	508.0
31-Aug-22			507.3	507.3	507.3
27-Sep-22			507.3	507.3	507.4
28-Oct-22			507.3	507.3	507.4
29-May-23			(5)	508.6	507.7
1-Nov-23			507.4	507.3	507.4

Table B-6 Groundwater Elevations - Offsite Monitoring Wells

Well Name	101-B	102-C	103-D	104-A	OW1-4	OW3-1	OW5-2	OW6-3
Flow System	AM	AM	AM	AM	AF	AF	AF	AM
Date TOP	503.0	511.4	513.4	517.7	514.4	508.8	504.2	511.1
17-Apr-99	500.9	510.3	512.0	513.6	511.8	505.3	502.2	510.4
28-Apr-99	500.5	509.9	512.0	513.1	511.6	504.8	501.8	510.2
26-May-99	500.3	510.2	512.0	512.5	511.7	504.8	501.5	510.4
29-Jun-99	500.1	509.9	511.7	511.9	511.4	504.7	501.3	510.1
26-Jul-99	500.0	509.7	511.4	511.4	511.2	504.4	501.1	510.0
17-Aug-99	499.9	509.7	511.4	511.2	511.2	504.3	501.0	510.0
17-Sep-99	499.7	509.5	511.2	510.8	511.0	503.9	500.9	509.9
21-Nov-99	500.7	510.2	511.6	511.0	511.4	505.0	502.0	510.4
29-Feb-00	500.9	510.3	511.9	511.7	511.5	505.2	502.1	510.5
31-Mar-00	500.8	510.3	511.8	513.3	511.5	505.1	502.0	510.5
2-Jun-00	500.8	510.2	511.8	513.7	511.3	505.1	502.0	510.3
7-Jul-00	500.8	510.0	511.6	513.4	511.1	505.3	502.0	510.2
29-Aug-00	500.4	509.9	510.9	512.0	510.7	504.8	501.6	510.1
9-Nov-00	500.3	509.9	510.5	511.2	510.3	504.6	501.5	510.0
26-Apr-01	501.1	510.2	512.0	514.3	511.7	505.1	502.3	510.4
5-Jul-01	500.3	509.8	510.3	511.7	510.3	504.8	501.5	509.9
1-Aug-01	500.1	509.5	510.1	511.0	510.0	504.2	501.2	509.6
11-Oct-01	500.2	510.0	510.0	510.1	510.0	504.1	501.5	510.1
14-Dec-01	500.8	510.1	510.9	512.5	510.7	505.1	502.0	510.2
7-Feb-02	500.7	510.0	510.7	512.6	510.5	505.1	501.9	510.1
18-Apr-02	501.3	510.3	512.0	513.0	511.5	505.3	502.5	510.4
13-Jun-02	500.6	509.7	511.0	511.6	510.4	505.1	501.8	509.6
8-Aug-02	500.0	509.3	510.0	510.2	509.9	504.4	501.2	509.5
11-Oct-02	499.8	509.4	509.8	509.8	509.7	505.1	500.9	509.5
9-Dec-02	500.0	509.9	(2)	509.8	509.7	(2)	501.2	510.0
14-Feb-03	(2)	509.8	(2)	513.6	509.9	506.6	501.4	510.0
9-Apr-03	501.3	510.1	(2)	513.3	511.3	(2)	(2)	510.3
15-May-03	500.7	510.1	(2)	512.9	511.0	506.5	502.0	510.3
17-Jun-03	500.7	509.8			510.9	506.3	501.8	510.1
25-Jun-03	500.5	509.7	510.9	512.7	510.7	506.1	501.6	509.9
22-Jul-03	500.3	509.7	510.5	511.9	510.5	506.0	501.4	509.8
20-Aug-03	500.0	509.4	510.0	511.1	510.0	505.4	500.9	509.4
25-Sep-03	499.9	509.5	509.6	510.4	509.6	505.1	501.1	509.6
22-Oct-03	500.2	510.2	510.0	510.0	510.0	506.0	501.5	510.3
25-Nov-03	501.2	510.3	511.6	511.9	511.2	506.4	502.5	510.4
22-Dec-03	501.0	510.2	511.6	512.9	511.0	505.6	502.2	510.4
9-Feb-04	500.5	510.0	(2)	512.9	510.5	505.4	501.7	510.1
16-Mar-04	501.4	510.2	511.5	513.6	510.7	505.5	502.6	510.3
20-Apr-04	501.1	510.2	512.0	514.3	511.5	505.6	502.3	510.4
18-May-04	500.8	510.0	511.4	513.7	510.7	505.5	501.9	510.2
22-Jun-04	500.5	509.8	510.8	513.2	510.7	505.5	501.6	509.9

Table B-6 Groundwater Elevations - Offsite Monitoring Wells

Well Name	101-B	102-C	103-D	104-A	OW1-4	OW3-1	OW5-2	OW6-3
Flow System	AM	AM	AM	AM	AF	AF	AF	AM
Date TOP	503.0	511.4	513.4	517.7	514.4	508.8	504.2	511.1
28-Jul-04	500.2	509.6	510.3	511.9	510.2	505.2	501.3	509.8
25-Aug-04	500.0	509.2	509.6	511.0	509.5	504.6	501.2	509.3
22-Sep-04	499.9	509.2	509.2	510.3	509.1	504.3	501.1	509.8
19-Oct-04	499.9	509.3	509.0	509.8	509.0	504.2	501.1	509.4
16-Nov-04	500.0	509.3	508.6	509.6	508.6	504.1	501.1	509.3
16-Dec-04	500.4	510.1	(2)	509.5	510.0	505.6	501.7	510.3
31-Jan-05	501.0	510.0	511.2	512.4	510.7	505.5	(2)	510.2
24-Feb-05	500.7	510.0	510.6	512.3	510.3	505.6	501.8	509.6
22-Mar-05	500.6	509.9	510.3	512.1	510.0	505.5	501.7	510.0
20-Apr-05	502.2	510.3	512.0	515.0	511.8	507.0	502.9	510.5
25-May-05	500.7	509.9	512.0	513.9	511.4	505.6	501.8	510.2
29-Jun-05	500.3	509.7	511.7	512.7	511.1	505.4	501.4	509.9
13-Jul-05	500.2	509.5	511.5	512.3	510.9	505.3	501.3	509.8
23-Aug-05	499.9	509.4	511.1	511.3	510.8	505.0	500.5	509.7
26-Sep-05	499.7	509.5	511.1	510.8	510.9	504.6	500.7	509.8
26-Oct-05	499.8	509.7	511.1	510.4	511.1	504.4	500.9	510.0
16-Nov-05	499.9	510.2	511.3	510.2	511.2	504.8	501.0	510.3
14-Dec-05	500.4	510.1	511.2	510.3	511.0	505.4	501.6	510.2
20-Jan-06	501.4	510.3	511.9	512.3	511.4	505.9	502.6	510.4
14-Feb-06	501.1	510.2	(2)	512.8	511.3	505.6	502.3	510.3
19-Mar-06	501.6	510.2	512.0	514.3	511.6	505.5	(2)	510.4
17-Apr-06	501.2	510.2	512.0	514.3	511.6	505.5	502.4	510.4
19-May-06	500.6	510.2	512.0	513.6	511.3	505.5	501.8	510.3
19-Jun-06	500.4	509.8	511.2	512.6	510.7	505.4	501.5	510.0
10-Jul-06	500.2	509.6	511.0	511.9	510.7	505.3	501.3	509.8
21-Aug-06	499.9	509.4	510.4	510.8	510.2	504.9	501.0	509.5
18-Sep-06	499.9	509.6	510.4	510.4	510.2	504.7	501.1	509.7
17-Oct-06	500.0	510.2	510.3	510.0	510.2	504.6	501.2	510.2
20-Nov-06	501.2	510.2	511.8	511.8	511.2	505.7	502.4	510.4
15-Dec-06	501.5	510.4	512.0	514.0	511.7	506.1	502.7	510.5
22-Jan-07	500.8	510.1	511.7	513.1	510.9	505.6	502.0	510.3
19-Feb-07	(2)	510.0	511.2	512.3	510.7	505.5	501.6	509.2
18-Mar-07	501.9	510.2	512.0	513.3	511.5	505.9	(2)	510.4
15-Apr-07	501.3	510.3	512.0	514.3	511.6	505.7	502.5	510.4
17-May-07	500.6	510.3	511.7	513.2	511.1	505.5	501.7	510.4
21-Jun-07	500.3	509.5	510.6	512.1	510.2	505.3	501.4	509.5
17-Jul-07	500.0	509.3	510.5	511.4	510.3	505.1	500.4	509.4
21-Aug-07	499.7	508.7	510.2	510.6	509.9	504.5	500.7	508.8
18-Sep-07	499.8	509.5	510.3	510.2	510.2	504.4	500.9	509.6
19-Oct-07	499.9	509.7	510.3	509.9	510.2	504.3	501.0	509.8
22-Nov-07	500.1	510.2	510.7	509.9	510.5	505.2	501.4	510.3

Table B-6 Groundwater Elevations - Offsite Monitoring Wells

Well Name	101-B	102-C	103-D	104-A	OW1-4	OW3-1	OW5-2	OW6-3
Flow System	AM	AM	AM	AM	AF	AF	AF	AM
Date TOP	503.0	511.4	513.4	517.7	514.4	508.8	504.2	511.1
13-Dec-07	500.6	510.1	511.0	510.2	510.7	505.6	501.8	510.3
24-Jan-08	501.2	510.1	512.0	513.6	511.4	505.5	502.4	510.3
21-Feb-08	501.3	510.3	512.0	513.7	511.6	505.6	502.4	510.4
19-Mar-08	(2)	510.3	512.0	513.6	511.5	505.8	502.2	510.2
7-Apr-08	502.4	510.4	512.0	515.1	512.0	507.4	503.0	510.5
21-Apr-08	501.4	510.2	512.0	514.8	511.6	505.5	502.5	510.4
20-May-08	500.7	510.0	512.0	513.9	511.4	505.6	501.9	510.3
16-Jun-08	500.5	509.9	511.7	(3)	511.1	505.5	501.6	510.2
14-Jul-08	500.3	509.6	511.1	(3)	510.7	505.3	501.3	509.8
18-Aug-08	500.3	509.8	511.5	511.5	511.0	505.3	501.4	510.0
15-Sep-08	500.1	510.3	511.2	511.1	511.1	505.3	501.3	510.3
20-Oct-08	500.5	509.8	511.3	511.0	510.9	505.3	501.5	510.0
16-Nov-08	501.4	510.3	511.8	(3)	511.6	506.0	502.6	510.4
23-Nov-08	(2)	510.3	(2)	(3)	511.5	505.8	502.5	(2)
14-Dec-08	501.5	510.0	511.7	513.1	510.5	505.0	502.5	510.5
18-Jan-09	500.9	510.1	512.0	514.0	511.4	505.6	502.1	510.4
8-Feb-09	500.8	510.3	512.0	513.4	511.4	505.8	502.0	510.4
15-Mar-09	501.7	510.3	512.0	514.7	511.6	505.7	(2)	510.4
12-Apr-09	501.4	510.3	512.0	514.6	511.7	505.9	502.6	510.4
17-May-09	500.8	509.9	512.0	513.8	511.3	505.6	502.0	510.2
14-Jun-09	500.4	509.8	511.7	512.9	511.0	505.4	501.5	510.0
12-Jul-09	500.2	509.6	511.2	512.1	510.7	505.2	501.3	509.8
9-Aug-09	500.1	510.0	511.1	511.5	510.8	505.0	501.2	510.2
13-Sep-09	500.0	509.6	510.9	510.8	510.7	504.6	501.1	509.8
11-Oct-09	500.2	510.1	511.3	510.8	511.0	504.9	501.4	510.2
15-Nov-09	500.5	509.8	511.0	510.6	510.7	505.4	501.5	510.0
13-Dec-09	500.6	510.1	511.3	510.8	511.0	505.5	501.8	510.3
17-Jan-10	500.6	510.2	511.3	511.2	510.9	505.6	501.7	510.2
7-Feb-10	500.7	510.0	511.3	511.7	510.7	505.5	501.8	510.1
14-Mar-10	502.4	510.3	512.0	514.6	511.9	507.2	503.0	510.5
18-Apr-10	500.9	510.0	511.9	513.5	511.3	505.5	502.1	510.3
16-May-10	501.0	509.9	511.9	513.4	511.1	506.4	502.0	510.1
13-Jun-10	500.7	510.1	511.9	512.9	511.3	505.7	501.9	510.3
21-Jul-10	500.6	510.0	511.9	512.5	511.3	505.6	501.8	510.2
16-Aug-10	500.4	509.8	511.5	512.1	511.0	505.4	501.4	510.0
12-Sep-10	500.2	509.7	511.2	511.5	510.8	505.2	501.2	509.9
17-Oct-10	500.5	509.9	511.3	511.4	511.0	505.3	501.5	510.1
14-Nov-10	500.9	510.1	511.8	512.0	511.3	505.6	502.1	510.3
19-Dec-10	500.8	510.2	512.0	512.9	511.4	505.7	502.0	510.4
16-Jan-11	501.0	510.2	512.0	513.6	511.4	505.6	502.2	510.4
22-Feb-11	501.5	510.2	512.0	513.4	511.5	506.0	(2)	510.4

Table B-6 Groundwater Elevations - Offsite Monitoring Wells

Well Name	101-B	102-C	103-D	104-A	OW1-4	OW3-1	OW5-2	OW6-3
Flow System	AM	AM	AM	AM	AF	AF	AF	AM
Date TOP	503.0	511.4	513.4	517.7	514.4	508.8	504.2	511.1
13-Mar-11	501.3	510.3	512.0	513.8	511.5	505.7	502.5	510.4
17-Apr-11	501.2	510.3	512.0	514.3	511.6	505.6	502.4	510.4
15-May-11	501.4	510.3	512.0	514.4	511.8	506.1	502.7	510.4
13-Jun-11	500.8	510.0	512.0	513.8	511.4	505.7	502.0	510.3
17-Jul-11	500.3	509.6	511.4	512.7	510.7	505.3	501.4	509.9
14-Aug-11	500.1	509.6	511.0	511.9	510.7	505.1	501.2	509.8
18-Sep-11	500.0	509.5	510.6	511.0	510.4	504.7	501.0	509.7
17-Oct-11	500.4	510.2	511.0	510.8	511.2	505.6	501.5	510.2
20-Nov-11	500.4	510.0	511.2	510.8	510.9	505.4	501.5	510.1
18-Dec-11	501.1	510.3	512.0	512.3	511.4	505.8	502.3	510.4
15-Jan-12	500.8	510.1	511.8	512.5	511.1	505.6	502.0	510.3
19-Feb-12	500.7	509.8	511.6	512.7	511.0	505.3	501.6	510.0
26-Feb-12								
18-Mar-12	501.8	510.3	512.0	514.5	511.7	506.0	502.8	510.5
15-Apr-12	500.6	509.9	512.0	513.5	511.3	505.5	501.7	510.2
13-May-12	500.7	509.9	511.8	513.0	511.2	505.6	501.8	510.1
17-Jun-12	500.3	509.7	511.3	512.1	510.8	505.4	501.4	509.9
15-Jul-12	500.4	509.5	510.9	511.4	510.7	504.9	501.1	509.7
12-Aug-12	500.1	510.1	511.3	510.9	511.1	505.4	501.4	510.2
16-Sep-12	500.1	509.8	510.9	510.6	510.7	504.7	501.2	509.9
14-Oct-12	500.4	510.2	511.3	510.9	511.1	505.5	501.6	510.3
18-Nov-12	501.1	510.1	511.9	512.7	511.4	505.6	502.4	510.3
16-Dec-12	500.8	510.3	512.0	513.0	511.4	505.8	502.1	510.4
13-Jan-13	502.2	510.3	512.0	514.4	511.8	506.4	502.9	510.5
17-Feb-13	500.8	510.1	512.0	513.8	511.4	505.6	502.0	510.3
17-Mar-13	501.5	510.2	512.0	512.8	511.6	505.7	502.8	510.4
14-Apr-13	502.1	510.4	512.0	513.8	511.7	506.2	502.9	510.5
12-May-13	500.8	510.1	512.0	513.9	511.5	505.6	502.0	510.3
16-Jun-13	500.7	510.0	512.0	513.4	511.3	505.6	501.7	510.2
14-Jul-13	500.6	509.9	511.8	512.7	511.2	505.5	501.7	510.1
18-Aug-13	500.3	509.8	511.5	512.0	511.1	505.3	501.6	510.0
15-Sep-13	500.3	509.6	511.3	511.4	511.0	505.2	501.4	509.6
13-Oct-13	500.8	510.1	511.8	512.1	511.3	505.5	501.9	510.3
17-Nov-13	501.0	510.4	512.0	513.5	511.7	506.1	502.4	510.5
16-Dec-13	500.9	510.1	512.0	513.7	511.4	505.7	502.1	510.3
19-Jan-14	500.9	510.2	512.0	513.4	511.4	505.7	502.0	510.4
16-Feb-14	(2)	510.0	511.8	512.5	511.2	(2)	501.5	510.2
16-Mar-14	(2)	510.1	511.7	512.1	511.2	(2)	501.5	510.3
13-Apr-14	502.4	510.4	512.0	515.1	512.0	508.0	503.0	510.6
11-May-14	501.1	510.1	512.0	514.2	511.5	505.7	502.3	510.3
15-Jun-14	500.4	509.8	511.8	513.1	511.2	505.5	501.5	510.0

Table B-6 Groundwater Elevations - Offsite Monitoring Wells

Well Name	101-B	102-C	103-D	104-A	OW1-4	OW3-1	OW5-2	OW6-3
Flow System	AM	AM	AM	AM	AF	AF	AF	AM
Date TOP	503.0	511.4	513.4	517.7	514.4	508.8	504.2	511.1
13-Jul-14	500.3	509.8	511.7	512.2	511.2	505.3	501.4	510.1
17-Aug-14	500.1	510.0	511.5	511.5	511.2	505.1	501.2	510.1
7-Sep-14	500.1	509.9	511.3	511.1	511.1	505.0	501.3	510.1
19-Oct-14	500.7	510.3	511.8	511.1	511.4	505.6	501.9	510.4
16-Nov-14	501.0	510.1	512.0	512.2	511.4	505.5	502.2	510.3
14-Dec-14	500.7	510.1	511.9	512.8	511.4	505.5	501.9	510.3
18-Jan-15	500.6	510.0	511.9	513.3	511.4	505.5	501.8	510.3
15-Feb-15								
15-Mar-15	500.5	510.3	512.0	512.6	511.6	506.0	501.7	510.4
19-Apr-15	501.4	510.3	512.0	514.1	511.6	505.7	502.7	510.5
17-May-15	500.6	509.8	511.9	513.0	511.4	505.5	501.6	510.1
14-Jun-15	500.3	510.1	511.7	512.3	511.3	505.4	501.4	510.2
19-Jul-15	500.5	509.8	511.7	512.3	511.3	505.4	501.6	510.0
9-Aug-15	500.2	509.7	511.6	511.7	511.2	505.3	501.3	510.0
6-Sep-15	500.1	509.8	511.4	511.3	511.3	505.0	501.2	510.1
11-Oct-15	500.0	509.7	511.3	511.0	511.3	504.8	501.7	509.9
15-Nov-15	500.8	510.1	511.6	510.7	511.3	(3)	501.8	510.3
6-Dec-15	500.7	510.0	511.6	510.8	511.3		501.8	510.1
17-Jan-16	500.8	510.0	511.8	511.9	511.3		502.0	510.2
14-Feb-16	501.0	510.1	512.0	512.8	511.4		502.1	510.3
13-Mar-16	502.1	510.4	512.0	515.0	511.8		502.9	510.5
17-Apr-16	501.6	510.5	512.0	514.7	511.6		502.3	510.4
15-May-16	500.7	510.0	512.0	513.7	511.4		501.9	510.2
19-Jun-16	500.4	509.6	511.7	512.6	511.2		501.4	509.9
17-Jul-16	500.1	509.5	511.4	511.8	511.1		501.1	509.8
21-Aug-16	499.9		511.3	511.1	511.1		501.0	
18-Sep-16	499.9	509.7	511.3	510.8	511.1		501.0	509.9
16-Oct-16	500.0	509.9	511.2	510.6	511.2		501.1	510.0
13-Nov-16	500.0	509.8	511.2	510.4	511.1		501.2	509.9
11-Dec-16	500.4	510.0	511.4	510.3	511.2		501.5	510.1
15-Jan-17	501.3	510.3	512.0	512.0	511.5		502.5	510.4
12-Feb-17	500.8	510.0	512.0	512.5	511.4		502.0	510.3
19-Mar-17	500.9	510.1	512.0	513.8	511.5		502.1	510.3
16-Apr-17	501.4	510.2	512.0	514.3	511.6		502.6	510.4
11-May-17	501.4	510.1	512.0	514.7	511.6		502.5	510.4
25-Jun-17	501.3	510.1	512.0	514.0	511.6		502.5	510.4
19-Jul-17	501.6	509.8	512.0	513.2	511.4		501.7	510.1
17-Aug-17	500.4	509.9	511.8	512.4	511.3		501.5	510.0
17-Sep-17	500.3	510.0	511.7	511.8	511.3		501.3	510.2
15-Oct-17	500.9	510.2	511.9		511.5		502.0	510.3
14-Nov-17	500.8	510.3	512.0				502.1	510.4

Table B-6 Groundwater Elevations - Offsite Monitoring Wells

Well Name	101-B	102-C	103-D	104-A	OW1-4	OW3-1	OW5-2	OW6-3
Flow System	AM	AM	AM	AM	AF	AF	AF	AM
Date TOP	503.0	511.4	513.4	517.7	514.4	508.8	504.2	511.1
11-Dec-17	501.8	509.7	511.9	513.0	511.4		501.9	510.2
14-Jan-18	(2)	510.3	512.0	513.5	511.7		(2)	510.4
18-Feb-18	502.4	510.4	512.1	514.8	512.1		503.0	510.6
18-Mar-18	500.7	510.0	512.0	513.6	511.5		501.8	510.2
15-Apr-18	501.5	510.3	512.0	514.0	511.7		502.6	510.5
17-May-18	500.9	510.1	512.0	513.8	511.5		502.1	510.3
18-Jun-18	500.4	509.6	512.2	512.9	511.2		501.3	509.8
17-Jul-18	500.1	509.5	511.6	512.1	511.2		501.1	510.0
22-Aug-18	499.9	509.6		511.4	511.2		501.0	509.8
18-Sep-18	499.9	509.6	511.3	511.0	511.1		500.9	509.8
23-Oct-18	500.0	509.7	511.3	510.6	511.2		501.1	509.9
19-Nov-18	500.6	510.5	511.7	511.0	511.4		501.8	509.8
10-Dec-18	501.2	510.1	511.9	512.0	511.4		502.3	510.3
17-Jan-19	501.0	510.0	511.9	513.0	511.4		502.2	(5)
14-Feb-19	500.9	510.1	512.0	513.1	511.5		502.0	510.3
11-Mar-19	501.7	510.1	511.9	512.9	511.5		501.8	510.3
26-Apr-19	502.1	510.3	512.0	514.9	511.8		502.9	510.5
22-May-19	501.1	510.2	511.9	514.1	511.6		502.3	510.4
19-Jun-19	500.6	509.8	511.9	513.4	511.4		501.6	510.0
19-Jul-19	500.2	509.4	511.7	512.5	511.2		501.2	509.6
27-Aug-19	499.9	509.6	511.4	511.7	511.2		500.9	509.1
16-Sep-19	499.8	509.4	511.3	511.1	511.1		500.9	509.6
21-Oct-19	499.9	509.4	511.4	511.7	511.1		500.8	509.3
18-Nov-19	499.9	509.6	511.4	511.7	511.1		500.9	509.3
17-Dec-19	500.0	509.6	511.4	511.8	511.2		500.9	509.5
14-Jan-20	501.7	510.3	512.0	512.8	(5)		502.8	510.4
18-Feb-20	500.6	(5)	(2)	512.5	(2)		(2)	509.5
24-Mar-20	502.0	510.3	512.2	515.4	511.8		503.0	510.3
22-Apr-20	500.9	510.0	512.0	513.8	511.5		502.1	510.2
27-May-20	500.5	509.9	511.9	513.1	511.4		501.7	510.2
26-Jun-20	500.6	509.9	511.8	512.8	511.4		501.8	510.0
28-Jul-20	500.3	509.7	511.6	512.1	511.2		501.3	509.9
31-Aug-20	499.9	509.4	511.5	511.5	511.3		500.9	509.4
28-Sep-20	500.0	509.8	511.4	510.9	511.1		501.0	509.5
27-Oct-20	500.2	509.9	511.8	510.9	511.3		501.4	509.6
24-Nov-20	500.6	509.9	511.6	511.3	511.3		501.7	509.5
21-Dec-20	501.0	510.0	511.9	512.6	511.7		502.3	509.7
29-Jan-21	501.2	510.1	512.2	513.0	(5)		502.8	510.4
19-Feb-21		(2)			(2)			
31-Mar-21	501.8	510.2	511.9	513.9	(5)		(2)	510.4
29-Apr-21	500.4	510.2	511.4	514.0	511.6		502.2	510.4

Table B-6 Groundwater Elevations - Offsite Monitoring Wells

Well Name	101-B	102-C	103-D	104-A	OW1-4	OW3-1	OW5-2	OW6-3
Flow System	AM	AM	AM	AM	AF	AF	AF	AM
Date	TOP							
	503.0	511.4	513.4	517.7	514.4	508.8	504.2	511.1
28-May-21	500.6	509.6	511.9	513.1	511.4		501.6	509.9
25-Jun-21	500.1	509.4	511.7	511.8	511.3		501.5	509.6
26-Jul-21	499.9	509.8	511.5	511.6	511.2		501.3	510.0
24-Aug-21	500.0	509.5	511.6	515.7	511.3		501.1	509.7
22-Sep-21	501.6	510.1	512.0	512.1	511.6		502.7	510.0
29-Oct-21	500.2	510.3	511.8	510.9	511.3		501.4	510.4
24-Nov-21	501.0	510.3	512.0	513.1	511.6		502.1	510.4
23-Dec-21	500.5	509.9	511.8	512.6	511.6		502.2	509.8
26-Jan-22	(2)	(5)	(5)	515.2	(5)		(2)	(2)
10-Feb-22	(2)	(2)	(2)	(2)	(2)		(2)	(2)
16-Mar-22	(2)	(2)	(2)	(2)	(2)		(2)	(2)
22-Apr-22	500.7	510.0	512.1	514.0	511.8		502.2	509.6
26-May-22	500.6	509.9	511.9	513.8	511.4		502.0	509.4
22-Jun-22	500.7	510.0	512.0	513.8	510.5		502.0	509.5
30-Aug-22	500.5	509.8	511.4	513.6	510.9		501.6	509.1
27-Sep-22	500.0	509.8	511.5	510.9	511.4		501.0	510.0
26-Oct-22	500.1	509.7	511.4	510.7	511.3		501.2	509.8
29-May-23	500.6	509.8	512.0	513.4	511.4		501.7	509.9
30-Oct-23	500.3	509.9	511.6	510.9	511.4		501.3	510.1

Table B-7 Groundwater / Surface Water Elevations - Drivepoints

Drivepoint Name	DP1		DP2		DP3		DP4		DP5		DP6			
	(in)	(out)	(in)	(out)	(in)	(out)	(in)	(out)	(in)	(out)	(in)	(out)		
Flow System	OB		OB		OB		OB		OB		OB			
Date	TOP		513.1		512.9		514.7		512.1		510.5		512.2	
26-Jul-99	511.7		511.8		514.0									
17-Aug-99														
27-Sep-99	511.2		511.4		512.5		511.0							
25-Oct-99	511.8		512.1		512.7		511.2							
21-Nov-99	512.0		512.1		512.7		511.3							
21-Dec-99	512.0		512.1		512.8		511.3							
25-Jan-00	511.9		512.0		512.8		(2)							
29-Feb-00	512.1		512.1		513.5		511.6							
31-Mar-00	512.0		512.1		513.5		511.6							
2-Jun-00	512.0		512.2		513.4		511.6							
7-Jul-00	512.0		512.2		513.1		511.5							
27-Aug-00	511.8		512.0		512.8		511.5							
28-Sep-00	511.5		512.0		512.7		511.5							
3-Nov-00	511.3		512.1		512.8		511.6							
22-Feb-01	(2)		(2)		(2)		(2)							
22-Mar-01	(2)		(2)		(2)		(2)	511.6						
26-Apr-01	(2)		512.1				511.4	511.7						
31-May-01	511.3		511.8		513.6		511.5							
28-Jun-01	511.3		511.3		513.5		511.3							
1-Aug-01	511.3		(1)		513.0		511.3							
4-Oct-01	510.9		510.9		513.3		511.3							
1-Nov-01	511.2		511.2		513.5		511.5	511.6						
14-Dec-01	511.1		510.9		513.4		511.4	511.6						
10-Jan-02	510.9		510.8		513.4		511.3	511.6						
14-Mar-02	511.3		512.0		513.6		511.4	511.6						
16-May-02	511.3		512.2		513.6		511.5	511.6						
20-Jun-02	511.1		512.1		513.5		511.4							
11-Jul-02	511.5		512.1		513.1		511.4	511.6						
13-Sep-02	511.0		(1)		512.5		511.1	511.6						
1-Nov-02	511.4		512.1		512.5		511.2	511.6						
16-Jan-03	(2)		(2)		(2)		511.2	511.6						
28-Mar-03	512.1		512.0		(2)		511.6	511.6						
15-May-03	510.9		512.1		513.2		511.5	511.6						
23-Jun-03	511.7		(1)		513.2		(3)							
22-Jul-03	511.7		(1)		513.1		510.8	511.5						
20-Aug-03	511.0		(1)		513.0		510.7	511.5						
25-Sep-03	(1)		(1)		512.8		510.2							
22-Oct-03	511.0		510.8		513.2		511.2	511.5						
25-Nov-03	512.1		511.0		513.4		511.5	511.6						
22-Dec-03	511.0		512.1		513.4		511.5	511.6						

Table B-7 Groundwater / Surface Water Elevations - Drivepoints

Drivepoint Name	DP1		DP2		DP3		DP4		DP5		DP6			
	(in)	(out)	(in)	(out)	(in)	(out)	(in)	(out)	(in)	(out)	(in)	(out)		
Flow System	OB		OB		OB		OB		OB		OB			
Date	TOP		513.1		512.9		514.7		512.1		510.5		512.2	
9-Feb-04	510.9		(2)		513.3		511.2	511.6						
16-Mar-04	510.9		(2)		513.5		511.4	511.6						
20-Apr-04	511.9		511.8		513.6		511.6	511.6						
18-May-04	512.0		(1)		513.4		511.4	511.5						
22-Jun-04	510.9		(1)		513.2		511.2	511.5						
28-Jul-04	510.9		(1)		513.2		511.3	511.5						
25-Aug-04	510.9		(1)		512.3		511.2	511.5						
22-Sep-04	510.9		(1)		512.7		511.1							
19-Oct-04	510.9	(1)	(1)	(1)	513.6	(1)	511.0	511.5						
16-Nov-04	(1)	(1)	(1)	(1)	513.0	(1)	510.9	511.3						
16-Dec-04	(1)		(1)		513.3		511.3	511.5						
13-Jan-05		(2)												
31-Jan-05	(2)		(2)	(2)	513.3	(2)	511.3	511.6						
24-Feb-05	(2)	(2)	(2)	(2)	513.4	(2)	511.1	511.6						
22-Mar-05	(2)	(2)	(2)	(2)	513.3	(2)	511.0	511.4						
20-Apr-05	511.2	(2)	512.2	512.2	513.5	(2)	511.6	511.6						
25-May-05	512.1	512.2	512.2	512.2	513.2	(4)	511.6	511.6						
29-Jun-05	512.3	(1)	512.0	512.0	513.1	(1)	511.5	511.5						
13-Jul-05	512.0	512.1	512.2	(1)	512.9	(1)	511.4	511.4						
23-Aug-05	510.9	(1)	511.3	(1)	512.6	(1)	511.0	(1)						
26-Sep-05	511.6	(1)	511.1	(1)	512.4	(1)	510.9	(1)						
26-Oct-05	511.0		511.7		512.4		511.2							
16-Nov-05	512.0	512.0	511.9	(1)	512.8	(1)	511.3	511.3						
14-Dec-05	510.9	(2)	511.9	(2)	512.6	(2)	511.5	511.6						
20-Jan-06	(2)	(2)	(2)	(2)	513.3	(2)	511.5	511.5						
14-Feb-06	(2)	(2)	510.8	(2)	513.3	(2)	511.5	511.6						
19-Mar-06	512.1	512.1	512.0	(2)	513.5	(2)	511.6	511.6						
17-Apr-06	512.0	512.0	512.0	512.0	513.5	513.6	511.6	511.6						
19-May-06	511.0	(4)	511.2	(4)	513.4	(4)	511.3	511.4						
19-Jun-06	510.9	(1)	510.8	(4)	513.1	(1)	511.1	511.4						
10-Jul-06	510.9	(4)	510.8	(4)	512.5	(4)	511.2	511.4						
21-Aug-06	510.9	(1)	510.8	(1)	512.4	(1)	511.1	511.4						
18-Sep-06	510.9	(1)	510.8	(1)	512.5	(1)	511.1	511.4						
17-Oct-06	511.0		510.8		512.9		511.0	511.4						
20-Nov-06	510.9		511.1		513.3		511.5	511.6						
15-Dec-06	511.1		511.4		513.3		511.5	511.6						
22-Jan-07	510.9		510.8		513.3		511.3	511.6						
19-Feb-07	(2)	(2)	(2)	(2)	(2)	(2)	511.1	511.6						
18-Mar-07	510.9	(2)	510.9	(2)	513.3	(2)	512.0	511.6						
17-Apr-07	511.0	(4)	511.8	(4)	513.5	(2)	511.6	511.5						

Table B-7 Groundwater / Surface Water Elevations - Drivepoints

Drivepoint Name	DP1		DP2		DP3		DP4		DP5		DP6	
	(in)	(out)	(in)	(out)	(in)	(out)	(in)	(out)	(in)	(out)	(in)	(out)
Flow System	OB		OB		OB		OB		OB		OB	
Date	513.1		512.9		514.7		512.1		510.5		512.2	
TOP												
17-May-07	(1)	(4)	(1)	(1)	513.4	(4)	511.4	511.6				
21-Jun-07	(1)	(1)	(1)	(1)	513.1	(1)	511.7	(4)				
17-Jul-07	(1)	(1)	(1)	(1)	512.7	(1)	511.1	(1)	509.2		(3)	
21-Aug-07	(1)	(1)	(1)	(1)	512.4	(1)	511.0	511.4	(3)	(1)	(3)	(1)
16-Sep-07	(1)	(1)	(1)	(1)	512.3	(1)	511.2	511.5	(3)	(1)	(1)	(1)
14-Oct-07	(1)	(1)	(1)	(1)	512.4	(1)	511.2	511.5	(1)	(1)	(1)	(1)
18-Nov-07	(2)	(2)	(2)	(2)	(2)	(2)	511.3	511.6	(2)	(2)	(1)	(2)
13-Dec-07	(1)	(2)	(2)	(2)	(2)	(2)	511.2	511.6	509.4	(2)	(2)	(2)
20-Jan-08	511.1	(2)	(2)	(2)	513.4	(2)	(2)	511.6	(2)	(2)	(2)	(2)
17-Feb-08	511.1	(2)	511.5	(2)	513.4	(2)	511.6	511.6	(2)	(2)	(2)	(2)
16-Mar-08	511.2	(2)	511.4	(2)	(2)		511.5	511.6	(2)	(2)	(2)	(2)
6-Apr-08	511.3	(2)	512.1	(2)	(2)	(2)	511.6	511.6	510.1	510.1	(2)	(2)
20-Apr-08	512.1	512.1	512.1	512.1	513.6	(2)	511.6	511.6	510.0	510.0	511.8	511.8
18-May-08	511.2	(1)	511.5	(1)	513.4	(1)	511.6	511.6	510.1	510.0	511.8	511.8
15-Jun-08	(1)	(1)	511.1	(4)	513.3	(1)	511.4	511.6	510.0	510.1	511.9	511.9
13-Jul-08	(1)	(1)	(1)	(1)	512.9	(1)	511.0	(4)	509.7	510.0	511.4	(1)
17-Aug-08	511.3	(1)	511.2	(1)	512.9	(1)	511.4	511.5	509.8	509.7	511.3	(4)
14-Sep-08	511.4	(1)	511.5	(1)	512.9	(1)	511.4	511.5	509.7	509.7	510.5	(1)
19-Oct-08	(1)	(1)	(1)	(1)	512.4	(1)	511.3	511.5	509.8	509.8	511.4	511.4
16-Nov-08	(2)	(2)	(2)	(2)	(3)		(3)					
23-Nov-08	(2)		(2)	(2)	512.6	(2)	511.5	511.6	(2)	(2)	511.7	
14-Dec-08	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	511.8	
18-Jan-09	(2)	(2)	(2)	(2)	(2)	(2)	(3)		(2)	(2)	(2)	(2)
8-Feb-09	512.5	(2)	(2)	(2)	(2)		511.6	511.6	(2)	(2)	(2)	
15-Mar-09	(2)	(2)	(2)	(2)	(2)	(2)	511.6	511.6	(2)	(2)	(2)	(2)
12-Apr-09	511.0	(2)	511.9	(2)	512.6	(2)	511.6	511.6	509.9	510.0	511.9	511.9
17-May-09	(1)	(1)	511.6	(1)	512.8	513.5	511.5	511.6	510.0	510.0	511.7	511.7
14-Jun-09	510.9	(1)	511.4	(1)	512.4	513.5	511.4	511.5	509.9	510.0	511.6	511.7
12-Jul-09	(1)	(1)	510.8	(1)	512.3	513.5	(3)		509.8	509.8	511.5	511.6
9-Aug-09	510.9	(1)	(1)	(1)	512.9	513.5	511.3	511.5	509.5	509.6	511.5	511.5
13-Sep-09	511.0	(1)	511.2	(4)	513.0	513.5	511.1	511.5	509.8	(4)	511.0	511.4
11-Oct-09	(1)	(1)	511.5	(4)	513.2	(1)	511.4	511.5	509.5	(4)	510.7	(1)
15-Nov-09	511.4	(1)	511.3	(4)	513.3	513.5	511.3	511.5	509.5	(4)	510.8	(1)
13-Dec-09	511.6	(2)	(2)	(2)	513.4	(2)	(3)		(2)	(2)	511.2	(2)
17-Jan-10	511.7	512.6	(2)	(2)	513.5	514.1	(3)		(2)	(2)	511.3	512.0
7-Feb-10	(2)	(2)	(2)	(2)	(2)	(2)	511.2	511.6	(2)	(2)	511.5	(2)
14-Mar-10	512.0	512.5	512.0	(2)	513.5	(2)	511.6	511.6	510.0	(2)	511.8	511.9
18-Apr-10	511.0	511.9	512.0	512.0	513.5	(1)	(3)		510.0	510.1	511.8	511.9
16-May-10	511.0	(1)	512.0	512.0	513.5	(1)	511.6	511.6	510.0	510.0	511.8	511.8
13-Jun-10	510.9	(1)	512.0	512.0	513.4	(1)	(3)		510.0	510.0	511.8	511.8

Table B-7 Groundwater / Surface Water Elevations - Drivepoints

Drivepoint Name	DP1		DP2		DP3		DP4		DP5		DP6	
	(in)	(out)	(in)	(out)	(in)	(out)	(in)	(out)	(in)	(out)	(in)	(out)
Flow System	OB		OB		OB		OB		OB		OB	
Date	513.1		512.9		514.7		512.1		510.5		512.2	
TOP												
21-Jul-10	511.0	(1)	512.0	512.0	513.5	(1)	511.5	511.5	510.0	510.0	511.8	511.8
16-Aug-10	510.9	(1)	511.9	(4)	513.4	(1)	511.4	511.5	509.9	509.9	511.8	511.7
12-Sep-10	(1)	(1)	511.7	(1)	513.5	(1)	511.3	511.4	509.6	509.6	511.8	511.8
17-Oct-10	(1)	(1)	512.0	512.0	513.2	513.5	511.5	511.6	509.9	509.9	511.3	511.4
14-Nov-10	511.4	511.2	512.0	512.0	513.2	(1)	511.5	511.6	510.0	510.0	511.3	(1)
19-Dec-10	(2)	(2)	(2)	(2)	513.4	(2)	(2)	511.6	(2)	(2)	511.7	(2)
16-Jan-11	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
20-Feb-11	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
13-Mar-11	510.8	(2)	(2)	(2)	(2)	(2)	511.6	511.6	(2)	(2)	(2)	(2)
17-Apr-11	511.2	(1)	512.1	512.1	(2)	(1)	511.6	511.6	(2)	(2)	511.6	511.8
15-May-11	512.0	511.9	512.1	512.1	513.2	513.5	511.6	511.6	510.0	510.0	511.8	511.9
13-Jun-11	511.6	(1)	512.1	512.1	513.1	(1)	511.6	511.6	510.0	510.0	511.7	511.8
17-Jul-11	511.2	(1)	512.0	(1)	512.7	(1)	511.6	511.6	509.7	509.7	510.9	(1)
14-Aug-11	(1)	(1)	512.0	512.0	512.2	(1)	511.5	511.5	509.4	(4)	510.4	(1)
18-Sep-11	511.1	(1)	512.0	512.0	512.2	(1)	511.6	511.6	508.8	(4)	(1)	(1)
16-Oct-11	511.2	(1)	512.0	512.0	512.2	(1)	511.5	511.6	509.5	(4)	510.4	(1)
20-Nov-11	(1)	(1)	512.1	512.1	512.2	(1)	511.5	511.6	509.7	509.7	511.2	(1)
18-Dec-11	511.3	(2)	(2)	(2)	512.5	(2)	511.6	511.6	(2)	(2)	511.4	(2)
15-Jan-12	(2)	(2)	(2)	(2)	(2)	(2)	511.6	511.6	(2)	(2)	(2)	(2)
19-Feb-12	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
26-Feb-12	512.2	(4)	(3)		513.5	(1)			(2)		(2)	
18-Mar-12	511.8	(1)	(3)		513.3	(1)	(2)	511.6	509.7	510.0	511.8	511.8
15-Apr-12	511.8	(1)	512.1	512.1	513.3	(1)	511.5	511.5	510.0	510.0	511.8	511.7
13-May-12	511.8	(1)	512.1	512.1	513.3	(1)	511.6	511.6	510.0	510.0	511.7	511.7
17-Jun-12	511.6	(1)	512.0	512.0	513.2	(1)	511.6	511.6	509.8	509.8	511.7	511.7
15-Jul-12	511.0	(1)	512.1	512.0	512.6	(1)	511.6	511.6	509.4	(1)	510.4	(1)
12-Aug-12	511.3	(1)	512.1	512.1	512.8	(1)	511.6	511.6	509.8	509.8	511.5	(1)
16-Sep-12	(1)	(1)	512.1	512.1	513.0	(4)	511.5	511.5	509.5	(4)	510.6	(4)
14-Oct-12	511.2	(1)	512.0	512.0	513.0	(1)			509.6	(4)	510.4	(1)
18-Nov-12	511.6	(1)	512.1	512.1	513.3	(1)	511.6	511.5	510.1	510.0	511.0	511.7
16-Dec-12	511.9	(1)	512.1	512.1	513.4	(1)	511.6	511.6	(2)	(2)	511.8	511.8
13-Jan-13	(2)	(2)	512.1	512.1	(2)	(2)	511.6	511.6	510.0	(2)	(2)	(2)
17-Feb-13	(2)	(2)	(2)	(2)	(2)	(2)	511.6	511.6	(2)	(2)	(2)	(2)
17-Mar-13	(2)	(2)	(2)	(2)	(2)	(2)	511.6	511.6	(2)	(2)	(2)	(2)
14-Apr-13	511.8	(1)	512.3	512.3	513.5	513.5	511.7	511.7	510.1	510.1	511.9	511.9
12-May-13	511.9	(1)	512.1	512.1	513.4	(1)	511.6	511.6	510.0	510.0	511.9	511.9
16-Jun-13	511.8	(1)	512.1	512.1	513.4	(1)	511.6	511.6	510.0	510.0	511.9	511.9
14-Jul-13	511.8	511.8	512.2	512.1	513.4	(1)	511.5	511.6	509.9	509.9	511.9	511.9
18-Aug-13	511.8	(1)	512.2	512.2	513.3	(1)	511.4	511.3	509.9	509.8	511.6	(1)
15-Sep-13	511.8	(1)	512.2	512.1	513.4	(1)		511.5	509.7	509.7	510.9	(1)

Table B-7 Groundwater / Surface Water Elevations - Drivepoints

Drivepoint Name	DP1		DP2		DP3		DP4		DP5		DP6	
	(in)	(out)	(in)	(out)	(in)	(out)	(in)	(out)	(in)	(out)	(in)	(out)
Flow System	OB		OB		OB		OB		OB		OB	
Date	513.1		512.9		514.7		512.1		510.5		512.2	
TOP												
13-Oct-13	511.9	(1)	512.2	512.2	513.7	(1)	511.6	511.6	509.8	509.8	511.3	511.9
17-Nov-13	512.1	511.7	512.1	512.1	513.9	(1)	511.6	511.6	510.1	510.1	511.5	512.0
16-Dec-13	(2)	(2)	(2)	(2)	(2)	(2)	511.6	511.6	(2)	(2)	(2)	(2)
19-Jan-14	(2)	(2)	(2)	(2)	(2)	(2)	(2)	511.6	(2)	(2)	(2)	(2)
16-Feb-14	(2)	(2)	(2)	(2)	(2)	(2)	(2)	511.6	(2)	(2)	(2)	(2)
17-Mar-14	(2)	(2)	(2)	(2)	(2)	(2)	(2)		(2)	(2)	(2)	(2)
13-Apr-14	(2)	(2)	512.3	(2)	(2)	(2)	511.7	511.7	510.1	(2)	511.9	511.8
11-May-14	511.6	(1)	512.2	512.2	513.5	(1)	511.6	511.6	510.0	510.1	511.6	511.9
15-Jun-14	511.6	(1)	512.1	512.1	513.4	(1)	511.6	511.6	509.9	509.9	511.8	(1)
13-Jul-14	511.5	(1)	512.1	512.1	513.5	(1)	511.6	511.6	509.9	509.9	511.8	(1)
17-Aug-14	511.3	(1)	512.1	512.1	512.7	(1)	511.6	511.6	509.7	509.7	511.7	(1)
7-Sep-14	511.4	(1)	512.1	512.1	512.6	(1)	511.5	511.5	509.6	509.6	511.6	(1)
12-Sep-14				512.1					509.7	509.6	510.7	(1)
19-Oct-14	511.4	(1)	512.1	512.1	512.8	(1)	511.6		509.7	509.7	510.8	511.9
16-Nov-14	(2)	(2)	(2)	(2)	(2)	(2)	(2)		(2)	(2)	(2)	(2)
14-Dec-14	(2)	(2)	(2)	(2)	(2)	(2)	(2)		(2)	(2)	(2)	(2)
18-Jan-15	(2)	(2)	(2)	(2)	(2)	(2)	(2)		(2)	(2)	(2)	(2)
15-Feb-15	(2)	(2)	(2)	(2)	(2)	(2)	(2)		(2)	(2)	(2)	(2)
15-Mar-15	512.2	(2)	(2)	(2)	513.2	(2)	(2)		(2)	(2)	(2)	511.8
19-Apr-15	511.8	512.2	(3)	(3)	513.6	513.6			(3)	(3)	(3)	(3)
17-May-15	512.1	512.1	512.1	512.1	513.3	(1)	511.5	511.5	510.1	510.0	(3)	(3)
14-Jun-15	512.1	512.1	512.2	512.2	513.3	(1)	511.6	511.5	510.0	510.0	(3)	(3)
19-Jul-15	512.0	512.1	512.3	512.3	513.2	513.2	511.5	511.5	510.0	510.0	(3)	(3)
9-Aug-15	512.0	512.1	512.1	512.1	513.1	(1)	511.5	511.5	509.9	509.9	(3)	(3)
6-Sep-15	511.8	511.8	512.1	512.1	512.8	(1)	511.5	511.5	509.6	509.6	(3)	(3)
11-Oct-15	511.3	(1)	512.1	512.1	512.7	(1)	511.5	511.4	509.2	(1)	510.1	(1)
15-Nov-15	512.1	512.1	512.2	512.2	513.2	(1)	511.6	511.6	509.7	509.7	511.0	(1)
6-Dec-15	(2)	(2)	512.2	512.2	513.2	(1)	511.5	511.5	509.7	509.7	511.3	(1)
17-Jan-16	(2)	(2)	(2)	(2)	513.3	(2)	(2)		(2)	(2)	(2)	(2)
14-Feb-16	(2)	(2)	(2)	(2)	513.3	(2)	(2)		(2)	(2)	(2)	(2)
13-Mar-16	512.1	512.2	511.9	512.2	513.5	513.6	511.5	511.6	510.0	510.0	512.0	512.0
17-Apr-16	512.2	512.2	511.9	512.3	513.3	513.5	511.6	511.6	510.0	510.0	512.0	512.0
1-May-16			512.2	512.2			511.6	511.6	510.0	510.0	511.8	
15-May-16	512.1	512.2	512.2	512.2	513.6	513.6	511.6	511.6	510.0	510.0	512.0	512.0
5-Jun-16			512.2	512.2			511.6	511.5	510.0	510.0	511.7	511.7
19-Jun-16	512.1	512.1	512.1	512.1	513.8	(1)	511.5	511.5	509.9	509.9	511.4	511.6
3-Jul-16			512.1	512.1			511.4	511.4	509.7	509.7	510.8	(1)
17-Jul-16	512.0	512.1	512.1	512.1	512.7	(1)	511.4	511.4	509.5	(1)	510.6	(1)
24-Jul-16				512.1					509.2	(1)	510.2	(1)
7-Aug-16			512.1	512.1			511.2		508.9	(1)	(1)	(1)

Table B-7 Groundwater / Surface Water Elevations - Drivepoints

Drivepoint Name	DP1		DP2		DP3		DP4		DP5		DP6	
	(in)	(out)	(in)	(out)	(in)	(out)	(in)	(out)	(in)	(out)	(in)	(out)
Flow System	OB		OB		OB		OB		OB		OB	
Date	513.1		512.9		514.7		512.1		510.5		512.2	
TOP												
21-Aug-16	512.1	512.1	512.2	512.1	512.7	(1)	511.4	511.4	509.3	(1)	(1)	(1)
18-Sep-16	512.1	512.1	512.2	512.2	512.7	(1)	511.4	511.4	508.9	(1)	(1)	(1)
16-Oct-16	512.1	512.1	512.2	512.2	512.5	(1)	511.5	511.5	508.6	(1)	(1)	(1)
13-Nov-16	512.1	512.1	512.2	512.2	512.8	(1)	511.5	511.5	508.8	(1)	(1)	(1)
11-Dec-16	(2)	(2)	512.2	(2)	513.0	(2)	511.6		509.2	(1)	(1)	(1)
23-Jan-17	(2)	(2)	(2)	(2)	(2)	(2)	511.6	511.6	(2)	(2)	511.9	511.9
12-Feb-17	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
19-Mar-17	(2)	(2)	(2)	(2)	513.4	(2)	511.7	(2)	(2)	(2)	(2)	(2)
9-Apr-17									510.1	510.0	511.9	511.9
16-Apr-17	512.2	512.2	512.2	512.2	513.5		511.6	511.6	510.0	509.9	512.0	512.0
10-May-17			512.3	512.3			511.7	511.7	510.0	510.0	511.8	511.8
14-May-17	512.2	512.2			513.5							
21-May-17			512.3	512.3			511.7	511.7	510.0	510.0	511.8	511.8
23-May-17							511.7	511.7	510.0	510.0	511.8	511.8
25-May-17			512.3	512.3			511.7	511.7	510.0	510.0	511.8	511.8
1-Jun-17			512.2	512.2			511.6	511.6	510.0	510.0	511.8	511.8
22-Jun-17			512.2	512.2			511.6	511.6	510.0	510.0	511.8	511.8
26-Jun-17	512.2	512.2	512.3	512.3	513.5	(1)	511.6	511.6	510.0	510.0	512.0	512.0
7-Jul-17			512.2	512.2			511.6	511.6	510.0	510.0	511.8	511.8
17-Jul-17	512.1	512.2	512.3	512.3	513.4	(1)			510.0	510.0	511.9	511.9
3-Aug-17									509.9	509.9	511.7	511.6
17-Aug-17	512.2	512.2	512.3	512.3	513.2	(1)			509.9	509.9	511.5	(1)
29-Aug-17									509.7	509.7	510.9	(1)
18-Sep-17	512.2	512.2	512.2	512.2	513.1	(1)			509.7	509.7	511.0	(1)
26-Sep-17									509.7	509.7	510.7	(1)
15-Oct-17	512.2	512.2	512.2	512.3	513.3	(1)			509.8	509.7	511.4	(1)
14-Nov-17	512.2	512.3	512.3	512.3	513.3	(1)			509.9	(2)	511.8	511.8
11-Dec-17	512.2	(2)	(3)	(3)	513.3	(1)			(2)	(2)	(2)	(2)
14-Jan-18	(2)	(2)	(2)	(2)	513.4	(2)	(2)	(2)	501.1	(2)	(2)	(2)
11-Feb-18										(2)	(2)	(2)
18-Feb-18	(2)	(2)	(2)	(2)	513.4	(2)	(2)	(2)	(2)	(2)	(2)	(2)
18-Mar-18	(2)	(2)	(2)	(2)	513.4	(2)	(2)	(2)	(2)	(2)	(2)	(2)
15-Apr-18							511.9	512.0				
1-May-18			512.3	512.3			511.8	511.8	510.1	510.1	511.9	511.9
17-May-18	512.2	512.2	512.3	512.3	513.5	513.6	511.8	511.8	510.0	510.0	511.8	511.8
1-Jun-18												
18-Jun-18	512.2	512.2	512.2	512.2	513.2	513.5	511.7	511.7	509.7	509.7	511.6	511.6
1-Jul-18												
17-Jul-18	512.2	512.2	512.2	512.2	512.8	513.6	511.7	511.7	509.4	509.5	510.5	511.5
22-Aug-18	512.2	512.2	512.3	512.3	512.8	513.5	511.7	511.7	509.2	509.5	510.5	511.5

Table B-7 Groundwater / Surface Water Elevations - Drivepoints

Drivepoint Name	DP1		DP2		DP3		DP4		DP5		DP6			
	(in)	(out)	(in)	(out)	(in)	(out)	(in)	(out)	(in)	(out)	(in)	(out)		
Flow System	OB		OB		OB		OB		OB		OB			
Date	TOP		513.1		512.9		514.7		512.1		510.5		512.2	
18-Sep-18	512.1	512.1	512.2	512.2	512.7	513.5	511.7	511.6	508.7	509.5	510.2	511.5		
23-Oct-18	512.2	512.2	512.2	512.2	513.0	513.7	511.8	511.5	509.0	509.6	510.1	511.4		
19-Nov-18	(2)	(2)	(2)	(2)	513.2	(2)	(2)	(2)	(2)		511.1			
10-Dec-18	(2)	(2)	(2)	(2)	513.3	(2)	(2)	(2)	(2)		(2)	(2)		
17-Jan-19														
14-Feb-19														
11-Mar-19														
26-Apr-19	512.3		512.3	512.3			511.9	511.9	510.0		511.8			
22-May-19	512.2	512.3	512.3	512.3	513.4		511.9	511.9	510.0	509.9	511.8	511.8		
19-Jun-19	512.3	512.3	512.3	512.3	513.6		511.8	511.8	510.0	510.0	511.8	511.8		
19-Jul-19	512.2	512.2	512.3	512.3	512.9		511.7	511.7	509.7	509.7	510.8			
27-Aug-19	512.2	512.2	512.3	512.3	513.0		511.7	511.7	509.4		510.8			
16-Sep-19	512.2	512.2	512.3	512.3	512.9		511.7	511.7	509.3		510.8			
21-Oct-19	512.2	512.2	512.3	512.3	512.9		511.7	511.7	508.4		510.8			
18-Nov-19					513.0		(5)	(5)	509.3		510.8			
17-Dec-19														
14-Jan-20														
18-Feb-20														
24-Mar-20							(5)	(5)						
22-Apr-20							511.8	(5)	509.8	509.9	511.8	511.8		
27-May-20		512.8	512.2	512.3	513.3		511.8	511.8	509.9	510.0	511.8	511.8		
26-Jun-20	512.8	512.8	512.0	512.0	513.5		511.8	511.8	510.0	510.0	511.8	511.8		
28-Jul-20	512.8	512.8	512.0	512.0	513.4		511.8	511.8	509.9	509.9	511.6	511.6		
31-Aug-20	512.6	512.6	512.0	512.0	513.3		511.8	511.8	509.4	509.6	511.6	511.6		
28-Sep-20	512.7	512.7	512.3	512.2	513.3		511.8	511.8	509.3		511.5			
27-Oct-20					513.0		511.8	511.8	509.6	509.5	511.3			
24-Nov-20					513.2		511.8	511.7			511.2			
21-Dec-20														
29-Jan-21	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)		
19-Feb-21	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)		
31-Mar-21	513.0	512.6	(2)	(2)			511.7	511.7	(2)	(2)	(2)	(2)		
29-Apr-21	512.8	512.8	512.2	512.2	513.3	(1)	511.9	511.9	509.8	509.9	511.4	(1)		
13-May-21			512.2	512.2			511.8	511.8	509.8	509.8	511.7	511.7		
28-May-21	512.8	512.8	512.2	512.2	513.3	(1)	511.8	511.8	509.8	509.8	511.7	511.7		
9-Jun-21			512.3	512.3			511.8	511.8	509.9	509.9	511.7	511.7		
25-Jun-21	512.7	512.8	512.3	512.3	513.1	(1)	511.8	511.8	509.7	509.7	511.3	(1)		
8-Jul-21			512.3	512.3			511.8	511.8	509.8	509.8	511.2	(1)		
26-Jul-21	512.8	512.8	512.0	512.0	(5)	(1)	511.8	511.8	509.6	509.6	511.3	(1)		
24-Aug-21	512.7	512.7	512.0	512.0	513.0	(1)	511.7	511.7	509.3	(1)	(1)	(1)		
22-Sep-21	512.7	512.7	512.0	512.0	513.4	(1)	511.8	511.8	509.2	(1)	(5)	(1)		

Table B-7 Groundwater / Surface Water Elevations - Drivepoints

Drivepoint Name	DP1		DP2		DP3		DP4		DP5		DP6			
	(in)	(out)	(in)	(out)	(in)	(out)	(in)	(out)	(in)	(out)	(in)	(out)		
Flow System	OB		OB		OB		OB		OB		OB			
Date	TOP		513.1		512.9		514.7		512.1		510.5		512.2	
29-Oct-21	512.7	512.7	512.0	512.0	513.4	(1)	511.9	511.9	509.6	509.5	511.3	(1)		
24-Nov-21	(2)	(2)	(2)	(2)	513.4	(1)	511.9	511.9	510.0	(2)	511.8	511.8		
23-Dec-21	(2)	(2)	(3)	(3)	513.3	(1)	511.9	511.9	(3)	(3)	(3)	(3)		
26-Jan-22	(2)	(2)	(3)	(3)	(2)	(2)	(2)	(2)	(3)	(3)	(3)	(3)		
10-Feb-22	(2)	(2)	(3)	(3)	(2)	(2)	(2)	(2)	(3)	(3)	(3)	(3)		
16-Mar-22	(2)	(2)	(3)	(3)	(2)	(2)	(2)	(2)	(3)	(3)	(2)	(2)		
22-Apr-22	512.8	512.8	(3)	(3)	513.5	513.5	(3)	(3)	(3)	(3)	(3)	(3)		
13-May-22			512.6	512.6			512.0	512.0	509.5	509.6	511.6	511.6		
26-May-22	512.8	512.8	512.3	512.3	513.3	(1)	511.8	511.9	509.8	509.9	511.7	511.7		
2-Jun-22			512.6	512.6			511.9	511.9	509.6	509.6	511.6	511.6		
20-Jun-22	512.7	512.7	512.7	512.7	513.7	(1)			509.5	509.5	511.6	511.6		
22-Jun-22							511.9	511.9						
7-Jul-22			512.6	512.6			511.9	511.9	509.6	509.6	511.7	511.7		
30-Aug-22					513.5	(1)	512.0	512.0			511.6	511.6		
31-Aug-22	512.7	512.7	512.6	512.6					509.6	509.6				
27-Sep-22							511.9	511.9						
28-Sep-22	512.8	512.8			512.9	(1)					(1)	(1)		
29-Sep-22			512.3	512.3					509.4	(1)				
26-Oct-22							511.8	511.8	509.1	(1)				
28-Oct-22	512.7	512.8	512.2	512.2	513.0	(1)					(1)	(1)		
23-Nov-22														
27-Mar-23	(2)	(2)	(2)	512.5	513.4	(1)	512.1	512.1	509.7	510.0	(2)	(2)		
24-Apr-23	512.8	512.9	512.3	512.3	512.8	513.5	511.9	511.9	510.0	510.0	511.8	511.8		
15-May-23			512.3	512.3			511.9	511.9	510.0	510.0	511.8	511.8		
29-May-23									510.0	510.0				
30-May-23			512.3	512.3	513.4	(1)	511.9	511.9			511.7	511.7		
31-May-23	512.7	512.8												
14-Jun-23			512.3	512.3			511.9	511.8	509.9	509.9	511.7	511.7		
27-Jun-23	512.8	512.8	512.3	512.3	513.2	513.5	512.0	511.9	509.8	509.8	511.4	511.4		
12-Jul-23	512.7	512.8	512.3	512.3	513.3	(1)	511.9	511.9	509.9	509.9	511.5	511.5		
24-Jul-23			512.3	512.3			511.9	511.9	510.0	510.0	511.8	511.8		
28-Aug-23							511.9	511.9	509.9	509.9	511.2	(1)		
29-Aug-23			512.3	512.3										
30-Aug-23	512.8	512.8			513.1	(1)								
30-Oct-23			512.3	512.3			511.9	511.9						
31-Oct-23	512.8	512.8			513.1	513.5			509.6	509.6				
1-Nov-23											510.4	(1)		

Table B-7 Groundwater / Surface Water Elevations - Drivepoints

Drivepoint Name	DP7		DP8		DP9		Bridson DP		SG1	SG2
	(in)	(out)	(in)	(out)	(in)	(out)	(in)	(out)	OB	OB
Flow System	OB		OB		OB		OB		OB	OB
Date	TOP	509.9	511.9	508.9	511.3	511.0	511.5			
26-Jul-99										
17-Aug-99										
27-Sep-99										
25-Oct-99										
21-Nov-99										
21-Dec-99										
25-Jan-00										
29-Feb-00										
31-Mar-00										
2-Jun-00										
7-Jul-00										
27-Aug-00										
28-Sep-00										
3-Nov-00										
22-Feb-01										
22-Mar-01										
26-Apr-01										
31-May-01										
28-Jun-01										
1-Aug-01										
4-Oct-01										
1-Nov-01										
14-Dec-01										
10-Jan-02										
14-Mar-02										
16-May-02										
20-Jun-02										
11-Jul-02										
13-Sep-02										
1-Nov-02										
16-Jan-03										
28-Mar-03										
15-May-03										
23-Jun-03										
22-Jul-03										
20-Aug-03										
25-Sep-03										
22-Oct-03							510.4			
25-Nov-03							510.5			
22-Dec-03							510.5			

Table B-7 Groundwater / Surface Water Elevations - Drivepoints

Drivepoint Name	DP7		DP8		DP9		Bridson DP		SG1	SG2
	(in)	(out)	(in)	(out)	(in)	(out)	(in)	(out)	OB	OB
Flow System	OB		OB		OB		OB		OB	OB
Date	TOP	509.9	511.9		508.9		511.3		511.0	511.5
9-Feb-04							510.5			
16-Mar-04							510.5			
20-Apr-04							510.5			
18-May-04							510.5	510.5		
22-Jun-04							510.5	510.5		
28-Jul-04							510.3			
25-Aug-04							509.9			
22-Sep-04							509.6			
19-Oct-04							510.0			
16-Nov-04							510.2			
16-Dec-04							(2)			
13-Jan-05										
31-Jan-05							510.4			
24-Feb-05							(2)			
22-Mar-05							(2)			
20-Apr-05							510.5	510.5		
25-May-05							510.5	510.5		
29-Jun-05							510.3			
13-Jul-05							509.9			
23-Aug-05							509.6			
26-Sep-05							509.3			
26-Oct-05							509.9			
16-Nov-05							510.3			
14-Dec-05							510.3			
20-Jan-06							510.4			
14-Feb-06							510.4			
19-Mar-06							(2)			
17-Apr-06							510.5	510.5		
19-May-06							510.5	510.5		
19-Jun-06							510.3			
10-Jul-06							509.9			
21-Aug-06							509.0			
18-Sep-06							509.1			
17-Oct-06							510.1			
20-Nov-06							510.4			
15-Dec-06							510.5			
22-Jan-07							510.2			
19-Feb-07							510.5			
18-Mar-07							(2)			
17-Apr-07							510.5	510.5		

Table B-7 Groundwater / Surface Water Elevations - Drivepoints

Drivepoint Name	DP7		DP8		DP9		Bridson DP		SG1	SG2
	(in)	(out)	(in)	(out)	(in)	(out)	(in)	(out)	OB	OB
Flow System	OB		OB		OB		OB		OB	OB
Date	TOP	509.9	511.9	508.9	511.3	511.0	511.5			
17-May-07					510.5					
21-Jun-07					510.1					
17-Jul-07					509.4	(1)				
21-Aug-07					(1)	(1)				
16-Sep-07					(1)					
14-Oct-07					(1)					
18-Nov-07					(1)	(1)				
13-Dec-07					(2)					
20-Jan-08					(2)					
17-Feb-08					510.5	(2)				
16-Mar-08					510.0					
6-Apr-08					510.7					
20-Apr-08					510.5					
18-May-08					510.5					
15-Jun-08					510.4					
13-Jul-08					510.1					
17-Aug-08					510.2					
14-Sep-08					510.2					
19-Oct-08					510.2					
16-Nov-08					(3)					
23-Nov-08					510.3					
14-Dec-08					(2)					
18-Jan-09					(2)					
8-Feb-09					510.5					
15-Mar-09					510.5					
12-Apr-09					510.5					
17-May-09					510.5					
14-Jun-09					510.4					
12-Jul-09					510.7					
9-Aug-09					510.2					
13-Sep-09					509.2					
11-Oct-09					510.3					
15-Nov-09					510.2					
13-Dec-09					510.3					
17-Jan-10					510.3					
7-Feb-10					(2)					
14-Mar-10					510.5					
18-Apr-10					510.4					
16-May-10					510.4					
13-Jun-10					510.4					

Table B-7 Groundwater / Surface Water Elevations - Drivepoints

Drivepoint Name	DP7		DP8		DP9		Bridson DP		SG1	SG2
	(in)	(out)	(in)	(out)	(in)	(out)	(in)	(out)	OB	OB
Flow System	OB		OB		OB		OB		OB	OB
Date	TOP	509.9	511.9		508.9		511.3		511.0	511.5
21-Jul-10							510.4			
16-Aug-10							510.1			
12-Sep-10							509.8			
17-Oct-10							(3)			
14-Nov-10							510.4			
19-Dec-10							510.4			
16-Jan-11							510.4			
20-Feb-11							(2)			
13-Mar-11							(2)			
17-Apr-11							510.5			
15-May-11							510.5			
13-Jun-11							510.5			
17-Jul-11							509.9			
14-Aug-11							509.6			
18-Sep-11							(1)			
16-Oct-11							510.3			
20-Nov-11							510.3			
18-Dec-11							510.4			
15-Jan-12							510.3			
19-Feb-12							510.5			
26-Feb-12										
18-Mar-12							510.5			
15-Apr-12							510.4	(4)		
13-May-12							510.4			
17-Jun-12							510.1			
15-Jul-12							509.3			
12-Aug-12							510.3			
16-Sep-12							509.3			
14-Oct-12							510.3			
18-Nov-12							510.4			
16-Dec-12							510.4			
13-Jan-13							(2)			
17-Feb-13							(2)			
17-Mar-13							(2)			
14-Apr-13							510.5	510.5		
12-May-13							510.5			
16-Jun-13							510.5			
14-Jul-13							509.8			
18-Aug-13							510.1			
15-Sep-13							510.1			

Table B-7 Groundwater / Surface Water Elevations - Drivepoints

Drivepoint Name	DP7		DP8		DP9		Bridson DP		SG1	SG2
	(in)	(out)	(in)	(out)	(in)	(out)	(in)	(out)	OB	OB
Flow System	OB		OB		OB		OB		OB	OB
Date	TOP	509.9	511.9	508.9	511.3	511.0	511.5			
13-Oct-13					510.3					
17-Nov-13					510.4					
16-Dec-13					(2)					
19-Jan-14					(2)		(2)			
16-Feb-14					(2)		(2)			
17-Mar-14					(2)		(2)			
13-Apr-14					(2)		(2)			
11-May-14					510.5	510.5	(1)			
15-Jun-14					510.4		511.1			
13-Jul-14					510.3		511.0			
17-Aug-14					510.3		(1)			
7-Sep-14					510.1		(3)			
12-Sep-14					(3)		(1)			
19-Oct-14					510.4		511.1			
16-Nov-14					510.4		(2)			
14-Dec-14					510.4		(2)			
18-Jan-15					(2)		(2)			
15-Feb-15					(3)		(3)			
15-Mar-15					(2)		(2)			
19-Apr-15					510.5		511.2			
17-May-15					510.4		511.2			
14-Jun-15					510.4		511.2			
19-Jul-15					510.2		511.1			
9-Aug-15					510.2		(1)			
6-Sep-15	(3)		(3)		(3)		510.0		(1)	
11-Oct-15	(3)		(3)		(3)		509.0		(1)	
15-Nov-15	509.0		(3)		507.7		510.3		(1)	(1)
6-Dec-15	509.0		511.2		507.7		510.3		(2)	(2)
17-Jan-16	(2)		(2)		(2)		510.4		(2)	(2)
14-Feb-16	(2)		(2)		(2)		(2)		(2)	(2)
13-Mar-16	509.4		511.3		507.8		510.5		511.2	511.8
17-Apr-16	509.3		511.3		507.8		510.5		511.2	511.8
1-May-16	509.3		511.3		507.8		510.5			
15-May-16	509.3		511.3		507.8		510.4		511.2	511.7
5-Jun-16	509.3		511.3		507.8		510.4	(1)		
19-Jun-16	509.2		511.2		507.6		510.1		(1)	(1)
3-Jul-16	509.0		511.2		507.4		509.8	(1)		
17-Jul-16	508.8		511.2		507.1		509.2		(1)	(1)
24-Jul-16										
7-Aug-16	508.4		511.2		506.6		(1)			

Table B-7 Groundwater / Surface Water Elevations - Drivepoints

Drivepoint Name	DP7		DP8		DP9		Bridson DP		SG1	SG2
	(in)	(out)	(in)	(out)	(in)	(out)	(in)	(out)	OB	OB
Flow System	OB		OB		OB		OB		OB	OB
Date	509.9		511.9		508.9		511.3		511.0	511.5
TOP										
21-Aug-16	508.6		511.2		507.2		509.5		(1)	(1)
18-Sep-16	508.2		511.2		506.7		(1)		(1)	(1)
16-Oct-16	508.0		511.2		(1)		(1)		(1)	(1)
13-Nov-16	508.4		511.3		506.9		509.2		(1)	(1)
11-Dec-16	508.7	(1)	511.3	511.3	(1)	(1)	509.9		(1)	(1)
23-Jan-17	509.2	509.2	(2)	(2)	507.7	507.7	510.4		511.1	(2)
12-Feb-17	(2)	(2)	(2)	(2)	(2)	(2)	510.6	(2)	(2)	(2)
19-Mar-17	509.3	(2)	(2)	(2)	(2)	(2)	510.4	(2)	(2)	511.7
9-Apr-17										
16-Apr-17	509.3	509.3	511.3	511.3	507.8	507.8	510.4		511.2	511.7
10-May-17	509.4	509.4	511.3	511.4	507.8	507.8	510.4	510.4		
14-May-17									511.2	
21-May-17			511.3	511.3	507.8	507.8	510.5	510.4	511.3	511.8
23-May-17										
25-May-17			511.3	511.3	507.8	507.8	510.5	510.4		
1-Jun-17	509.3	509.3	511.3	511.3	507.8	507.8	510.4	510.4		
22-Jun-17	509.3	509.3	511.3	511.3	507.8	507.8	510.4	(1)		
26-Jun-17	509.3	509.3	511.3	511.3	507.8	507.8	510.4		511.2	511.8
7-Jul-17	509.3	509.3	511.3	511.3	507.8	507.8	510.4	(1)		
17-Jul-17	509.3	509.3	511.3	511.3	507.8	507.7	(1)	(1)	511.2	511.8
3-Aug-17										
17-Aug-17	509.2	509.2	511.3	511.3	507.7	507.7	510.2	(1)	(1)	511.6
29-Aug-17										
18-Sep-17	509.0	(1)	511.3	511.3	507.7	507.7	510.2	(1)	(1)	
26-Sep-17										
15-Oct-17	509.1	(1)	511.3	511.3	507.7	507.7	510.4	(1)	(1)	511.6
14-Nov-17	509.2	509.2	511.3	511.3	507.8	507.8	510.4		511.1	511.7
11-Dec-17	(2)	(2)	(2)	(2)	(2)	(2)	510.4	(1)	(2)	(2)
14-Jan-18	(2)	(2)	(2)	(2)	(2)	(2)	(2)		(2)	(2)
11-Feb-18										
18-Feb-18	(2)	(2)	(2)	(2)	(2)	(2)	(2)		(2)	(2)
18-Mar-18	(2)	(2)	(2)	(2)	(2)	(2)	(2)		(2)	(2)
15-Apr-18										
1-May-18	509.4	509.4	511.4	511.4	507.8	507.8	510.5	510.5		
17-May-18	509.4	509.3	511.4	511.4	507.8	507.8	510.5	510.4	511.2	511.8
1-Jun-18										
18-Jun-18	509.2	509.2	511.3	511.3	507.7	507.8	510.2	510.4	(1)	511.7
1-Jul-18										
17-Jul-18	508.8	509.1	511.3	511.3	507.7	507.8	509.4	510.4	(1)	(1)
22-Aug-18	508.8	509.1	511.4	511.4	507.5	507.8	510.1	510.4	(1)	(1)

Table B-7 Groundwater / Surface Water Elevations - Drivepoints

Drivepoint Name	DP7		DP8		DP9		Bridson DP		SG1	SG2
	(in)	(out)	(in)	(out)	(in)	(out)	(in)	(out)	OB	OB
Flow System	OB		OB		OB		OB		OB	OB
Date TOP	509.9		511.9		508.9		511.3		511.0	511.5
18-Sep-18	508.2	509.1	511.3	511.3	506.6	507.7	509.0	510.4	(1)	(1)
23-Oct-18	508.7	509.1	511.4	511.3	507.2	507.8	509.6	510.4	(1)	(1)
19-Nov-18	509.0		(2)	(2)	507.7	507.7	(2)	(2)	(2)	(2)
10-Dec-18	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
17-Jan-19										
14-Feb-19										
11-Mar-19										
26-Apr-19	509.4		511.4	511.4	507.8	507.8	510.4	510.4		
22-May-19	509.3	509.3	511.4	511.4	507.8	507.7	510.4	510.4		
19-Jun-19	509.3	509.3	511.3	511.3	507.7		510.4		511.0	511.3
19-Jul-19	509.0		511.4	511.4	507.5		509.7			
27-Aug-19	509.0		511.4	511.4	506.8		509.7			
16-Sep-19	509.0		511.4	511.4	506.8		509.7		510.7	511.3
21-Oct-19	509.0		511.4	511.4	506.7		509.7		510.7	511.3
18-Nov-19	508.8		511.6	511.6	506.8		509.8			
17-Dec-19										
14-Jan-20										
18-Feb-20										
24-Mar-20					507.8		510.4		510.7	511.3
22-Apr-20	509.3	509.3	511.1	(5)			510.4	510.4		
27-May-20	509.1	509.1	511.4	511.4	507.7	507.7	510.4		510.2	
26-Jun-20	509.4	509.3	511.4	511.4	507.7		510.4		510.5	511.2
28-Jul-20	509.3	509.3	511.4	511.4	507.8		510.3		510.4	511.0
31-Aug-20	508.8	509.2	511.3	511.3	507.8		510.5		510.5	511.0
28-Sep-20	508.8		511.3	511.3	507.6		510.5			
27-Oct-20	509.1		511.3	511.3	507.5		510.3	510.3		
24-Nov-20			511.3	511.3	507.6		510.4			
21-Dec-20										
29-Jan-21	(2)	(2)	(2)	(2)	507.8	(2)	510.4	(2)	(2)	(2)
19-Feb-21	(2)	(2)	(2)	(2)	507.8	(2)	(2)	(2)	(2)	(2)
31-Mar-21	(2)	(2)	(2)		(2)	(2)	510.4	(1)	(2)	(2)
29-Apr-21	508.8	508.8	511.3	511.3	508.1	508.1	510.4	510.4		
13-May-21	509.3	509.3	511.2	(1)	508.2	(1)	510.4	510.4		
28-May-21	509.2	509.2	511.2	(1)	508.2	(1)	510.3	(1)		
9-Jun-21	509.3	509.3	511.5	511.5	(1)	(1)	(1)	(1)		
25-Jun-21	509.1	509.1	511.2	(1)	(1)	(1)	510.3	(1)	(1)	511.0
8-Jul-21	509.1	509.2	511.4	511.4	507.7	(1)	510.3	(1)		
26-Jul-21	508.4	(1)	511.4	511.4	507.6	(1)	510.0	(1)	(1)	(1)
24-Aug-21	508.7	(1)	511.4	511.4	507.6	(1)	509.6	(1)	(1)	(1)
22-Sep-21	509.9	(1)	511.5	511.5	508.9	(1)	510.4	(1)	(1)	(1)

Table B-7 Groundwater / Surface Water Elevations - Drivepoints

Drivepoint Name	DP7		DP8		DP9		Bridson DP		SG1	SG2
	(in)	(out)	(in)	(out)	(in)	(out)	(in)	(out)	OB	OB
Flow System	OB		OB		OB		OB		OB	OB
Date	509.9		511.9		508.9		511.3		511.0	511.5
TOP										
29-Oct-21	509.1	(1)	(1)	(1)	507.9	(1)	510.3	(1)	(1)	(1)
24-Nov-21	509.4	(2)	511.5	(2)	507.8	507.8	510.4	510.4		
23-Dec-21	(3)	(3)	511.5	(2)	507.7	507.7	510.4	(1)		
26-Jan-22	(3)	(3)	(2)	(2)	507.6	(2)	510.3	(2)	(2)	(2)
10-Feb-22	(3)	(3)	(2)	(2)	(2)	(2)	(2)	(2)	(3)	(3)
16-Mar-22	(3)	(3)	(2)	(2)	(2)	(2)	510.2	(2)	(2)	(2)
22-Apr-22	(3)	(3)	(3)	(3)	508.2	508.2	510.4	510.4	(3)	(3)
13-May-22	509.3	509.3	511.3	511.3	(5)	(5)	510.3	(1)		
26-May-22	509.1	509.1	511.3	511.3	508.1	508.1	510.3	510.3		
2-Jun-22	509.6	509.6	511.4	511.4	508.2	508.2	509.9	(1)		
20-Jun-22	509.6	509.6			508.1	508.1	510.3	(1)	510.6	511.3
22-Jun-22			511.3	511.3						
7-Jul-22	509.6	509.6	511.7	511.7	508.5	508.5	509.8	(1)		
30-Aug-22			511.5	511.5	508.1	508.1	510.4	(1)		
31-Aug-22	508.9	(1)								
27-Sep-22			511.4	511.4						
28-Sep-22					507.4	(1)	510.0	(1)		
29-Sep-22	508.8	(1)							(1)	(1)
26-Oct-22	508.7	(1)	511.4	511.4					(1)	(1)
28-Oct-22					(1)	(1)	(1)	(1)		
23-Nov-22									(1)	(1)
27-Mar-23	509.4	509.4	511.6	511.6	507.7	507.8	510.4	510.4		
24-Apr-23	509.4	509.4	511.5	511.5	507.8	507.8	510.4	510.4		
15-May-23	509.4	509.4	511.4	511.4	507.8	507.7	510.3	(1)		
29-May-23	509.3	509.3							510.6	510.8
30-May-23			511.4	511.4	507.7	(1)	510.2	(1)		
31-May-23										
14-Jun-23	509.3	509.3	511.4	511.4	507.7	507.7	510.3	510.4		
27-Jun-23	509.2	509.2	511.4	511.5	507.7	507.7	510.2	(1)		
12-Jul-23	509.2	509.2	511.4	511.4	507.7	(1)	510.2	(1)		
24-Jul-23	509.3	509.3	511.5	511.5	507.8	507.7	510.2	(1)		
28-Aug-23	509.2	509.2	511.3	511.4	507.6	(1)				
29-Aug-23										
30-Aug-23							510.1	(1)		
30-Oct-23			511.4	511.4						
31-Oct-23	508.9	(1)							(1)	(1)
1-Nov-23					507.1	(1)	509.6	(1)		

Table B-8 Surface Water Temperature - Drivepoints

Date	DP1	DP2	DP3	DP4	DP5	DP6	DP7	DP8	DP9	Bridson DP
16-Nov-16	7.4	7.7	(1)	5.6	(1)	(1)	(1)	4.7	(1)	(1)
11-Dec-16	1.1	(2)	(1)	0.2	(1)	(1)	(1)	0.1	(1)	(1)
23-Jan-17	(2)	(2)	(2)	0.5	0.7			(2)	0.0	(2)
12-Feb-17	(2)	(2)	(2)	(2)	(2)		(2)	(2)	(2)	(2)
19-Mar-17	(2)	(2)	(2)	(2)	(2)		(2)	(2)	(2)	(2)
16-Apr-17	10.5	8.7	(1)	4.1	7.1	5.8	6.1	4.7	10.2	16.2
10-May-17		9.4		9.9	11.0	8.2	8.5	8.5	6.0	6.4
19-May-17	14.9		(1)							
25-May-17		12.1		12.2	12.6	10.1	12.9	12.2	12.0	14.1
1-Jun-17		11.8		12.1	14.1	11.4	13.6	11.4	12.2	11.5
22-Jun-17		15.1		14.9	15.2	15.0	15.1	14.9	15.1	15.4
26-Jun-17	21.7	12.9	(1)	12.1	13.6	13.8	13.9	12.0	14.8	
7-Jul-17		18.2		18.6	18.5	18.3	18.6	17.8	18.5	(1)
19-Jul-17	19.6	17.8	(1)	17.4	17.9	17.7	18.7	17.3	18.8	(1)
17-Aug-17	18.3	17.6	(1)		17.7	(1)	16.9	17.2	(1)	
18-Sep-17	20.5	22.4	(1)	17.9	18.7	(1)	(1)	18.1	(1)	(1)
15-Oct-17	8.1	11.9	(1)		9.8	(1)	(1)	10.0		(1)
14-Nov-17	0.7	1.8	(1)		2.2	1.0	1.3	1.6	2.5	(1)
11-Dec-17	(2)		(1)		(2)	(2)	(2)	(2)	(2)	
14-Jan-18	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
11-Feb-18					(2)	(2)				
18-Feb-18	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
18-Mar-18	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
15-Apr-18	(2)	(2)	(2)		(2)	(2)	(2)	(2)	(2)	(2)
17-May-18	17.7	13.0	12.3	14.4	15.9	12.3	12.7	13.4	16.4	16.0
18-Jun-18		19.6		20.6	20.3	20.6	20.5	19.5		
17-Jul-18		19.5		20.2				20.1	16.4	
22-Aug-18		16.6		19.4				18.8		
18-Sep-18	18.3	17.8								
23-Oct-18										
19-Nov-18										
10-Dec-18										
17-Jan-19										
14-Feb-19										
11-Mar-19										
26-Apr-19										
22-May-19	10.6	9.7		9.6	11.4	10.4	10.4	8.7	8.3	8.4
19-Jun-19	17.0	14.5		15.3	14.0	14.3	14.3	14.2		
19-Jul-19	20.9	19.6			18.6			18.9		

Table B-8 Surface Water Temperature - Drivepoints

Date	DP1	DP2	DP3	DP4	DP5	DP6	DP7	DP8	DP9	Bridson DP
27-Aug-19	18.4	17.1	(1)	18.2	(1)	(1)	(1)	19.4	(1)	(1)
16-Sep-19	17.8	17.5		18.9			18.8			
21-Oct-19	12.9	12.8		11.9				13.5		
18-Nov-19				0.1				0.1		
17-Dec-19										
14-Jan-20										
18-Feb-20										
24-Mar-20										
22-Apr-20										
27-May-20										
26-Jun-20										
28-Jul-20	26.0	22.5	(1)	19.6	20.3	18.5	20.6	20.6	19.9	(1)
31-Aug-20	18.8	17.5	(1)	18.6	18.0	17.0	18.2	18.3	(1)	(1)
28-Sep-20										
27-Oct-20										
24-Nov-20										
21-Dec-20										
29-Jan-21										
19-Feb-21	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
31-Mar-21		(2)		7.0		(2)	(2)			(1)
29-Apr-21	10.6	10.2	(1)	11.7	6.7	(1)	7.2	8.3	8.8	11.9
13-May-21		15.9		15.6	13.3	18.0	13.5	(1)	(1)	(1)
28-May-21	16.1	15.8	(1)	18.7	13.5	18.2	13.7	(1)	(1)	(1)
9-Jun-21		15.6		19.6	20.9	(1)	21.6	26.2	(1)	(1)
25-Jun-21	25.5	22.9	(1)	23.6	18.6	(1)	20.4	(1)	(1)	(1)
8-Jul-21		15.2		15.9	13.2	(1)	12.5	14.8	(1)	(1)
26-Jul-21	25.3	22.1	(1)	18.1	21.7	(1)	(1)	21.1	(1)	(1)
24-Aug-21	25.8	22.3	(1)	18.0	(1)	(1)	(1)	23.0	(1)	(1)
22-Sep-21	22.1	20.9	(1)	18.2	(1)	(1)	(1)	20.6	(1)	(1)
29-Oct-21	17.9	16.7	(1)		17.0	(1)	(1)	(1)	(1)	(1)
24-Nov-21	(2)	(2)	(1)	0.0	(2)	1.3	(2)	(2)	1.1	0.4
23-Dec-21	(2)		(1)	0.0				(2)	0.0	(1)
26-Jan-22	(2)	3.0	(2)	(2)	3.0	3.0	3.0	(2)	(2)	(2)
10-Feb-22	(2)	3.0	(2)	(2)	3.0	3.0	3.0	(2)	(2)	(2)
16-Mar-22	(2)		(2)	(2)	3.0	(2)	3.0	(2)	(2)	(2)
22-Apr-22	0.1		1.2						2.3	3.4
13-May-22		25.7		21.0	15.7	17.8	16.2	20.8	17.1	(1)
26-May-22	14.2	13.9	(1)	15.1	14.5	14.5	15.6	13.2	14.8	14.8
2-Jun-22		19.2		18.2	11.8	13.5	12.1	15.3	14.6	(1)

Table B-8 Surface Water Temperature - Drivepoints

Date	DP1	DP2	DP3	DP4	DP5	DP6	DP7	DP8	DP9	Bridson DP
20-Jun-22		23.1			14.5	14.3	16.8		16.4	(1)
22-Jun-22				20.1				15.7		
7-Jul-22		23.4		21.2	15.2	16.5	15.8	19.3	17.5	(1)
30-Aug-22				17.2		17.8		16.8	18.1	(1)
31-Aug-22	18.4	17.0			17.9		(1)			
27-Sep-22				15.5				15.2		
28-Sep-22						(1)			(1)	(1)
29-Sep-22		15.3			(1)		(1)			
26-Oct-22				10.2	(1)		(1)	10.6		
28-Oct-22		8.7				(1)			(1)	(1)
27-Mar-23		0.2		0.3	0.5	0.5	0.4	0.7	2.4	0.8
24-Apr-23		7.2		4.7	6.7	5.6	7.2	7.4	4.7	4.8
15-May-23		17.1		14.1	14.6	10.1	15.5	14.1	9.6	(1)
30-May-23		18.0		16.2		15.6		16.0	18.1	(1)
29-May-23					17.5		18.2			
14-Jun-23		19.3		16.0	13.3	14.3	12.8	16.8	14.1	(1)
27-Jun-23		21.2		20.5	19.2	18.2	18.0	20.8	17.2	(1)
12-Jul-23		22.1		20.8	18.3	17.8	18.1		(1)	(1)
24-Jul-23		23.0		22.4	20.4	18.4	19.0	25.4	16.2	(1)
29-Aug-23		15.1								
28-Aug-23				17.9	15.4	(1)	16.9	19.8	(1)	
30-Aug-23										(1)
30-Oct-23		6.6		6.6				6.2		
31-Oct-23					1.6		(1)			
1-Nov-23						(1)			(1)	(1)

Table B-9 Domestic Well Laboratory Chemical Results

Surface Water Station	Date	General Parameters						Major Ions						Nutrients and Organic Indicators						
		pH (su)	EC (µS/cm)	TSS	TDS	Hardness	Colour (TCU)	Turbidity (NTU)	Alkalinity	Chloride	Sulphate	Calcium	Magnesium	Sodium	Potassium	Nitrate	Nitrite	Ammonia	T K N	T P
		6.5 - 8.5 OG	nc	nc	500 AO	80 - 100 OG	5 AO	5 AO	30 - 500 OG	250 AO	500 AO	nc	nc	200 AO	nc	10 MAC	1 MAC	nc	nc	nc
RW1	24-Oct-16	7.91	595	3	354	<1	<2		276	17	7	0.07	0.02	159	<0.1	1.1	<0.1	0.01	<0.1	<0.01
	2-May-17	8.05	487	<3	266	<1			240	6.4	6	0.17	0.08	107	0.1	0.6	<0.1	<0.01	0.2	<0.01
	9-May-18	8.04	460	<2	256	247	7.1	0.94	239	4.65	1.79	68.1	18.6	3.71	0.957	0.471	<0.01	0.156	<0.15	<0.05
	6-Jun-19			<10		250	<2		260	5.9	4.7	70	17	14	0.82	0.34	<0.01	<0.05	<0.1	<0.004
	20-May-20	7.80	500	<10	265	260	<2	0.2	260	6.8	5.1	14	3.5	110	0.36	0.39	<0.01	<0.05	0.13	<0.02
	27-May-21			<10		290	<2		270	5.5	5.1	81	21		0.27	<0.01	<0.05	<0.1	<0.004	
	2-Jun-22	7.38	1,117	<10		290	<2		280	5.2	4.7	83	21	3.8	0.85	0.34	<0.01	<0.05	<0.1	<0.004
	31-May-23			<10		280	<2		270	3.9	4.9	84	20	3.9	0.95	0.34	<0.01	<0.05	0.11	0.007
RW2	24-Oct-16	7.88	1,260	11	674	348	7		302	204	12	103	22.4	144	0.6	1.6	<0.1	0.04	0.3	0.01
	2-May-17	7.95	760	<3	391	255			247	81.5	6	73.8	17.1	60.6	0.3	0.8	<0.1	<0.01	0.2	0.01
	9-May-18	8.03	1,110	<2	630	321	<2	0.46	284	204	8.26	91.7	22.4	116	0.671	0.769	<0.01	0.026	<0.15	0.0051
	6-Jun-19			<10		320	<2		280	180	9.9	95	22	130	0.87	0.69	<0.01	0.14	<0.1	0.008
	20-May-20	7.76	1,200	<10	635	310	<2	0.2	290	190	11	93	22	130	0.72	0.74	<0.01	<0.05	0.15	<0.02
	26-May-21			<10		300	3		310	130	8.9	90	22		0.1	<0.01	<0.05	<0.1	0.018	
	2-Jun-22	7.75	288	<10		340	<2		320	150	9.9	95	24	100	0.68	0.9	<0.01	<0.05	<0.1	0.013
	31-May-23			<10		340	<2		320	160	10	100	25	110	0.88	0.9	<0.01	<0.05	<0.1	0.015

Table B-9 Domestic Well Laboratory Chemical Results

Surface Water Station	Date	Metals																		
		Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Cobalt	Copper	Fluoride	Iron	Lead	Manganese	Molybdenum	Nickel	Selenium	Silicon	Silver
		Al	Sb	As	Ba	Be	B	Cd	Cr	Co	Cu	F	Fe	Pb	Mn	Mo	Ni	Se	Si	Ag
ODWQS	0.1 OG	0.006 IMAC	0.025 IMAC	1 MAC	nc	5 IMAC	0.005 MAC	0.05 MAC	nc	1 AO	1.5 MAC	0.3 AO	0.01 MAC	0.05 AO	nc	nc	0.01 MAC	nc	nc	
RW1	24-Oct-16	<0.01	0.0002	0.0123	<0.001	<0.002		<0.00002	0.002	<0.0001	0.147	0.1	<0.005	0.00077	<0.001	<0.0001	<0.01	<0.001		<0.00002
	2-May-17	<0.01	<0.0001	0.0007	<0.001	<0.002		<0.000014	<0.001	0.0001	0.0263	<0.1	<0.005	0.00017	<0.001	<0.0001	<0.01	<0.001		<0.00002
	9-May-18	0.0142	<0.0001	0.0005	0.0138	<0.0001	<0.01	<0.000005	<0.0005	<0.0001	0.0155	0.036	<0.01	0.00032	<0.0005	<0.00005	<0.0005	0.00006	2.23	<0.00005
	6-Jun-19	0.0082	<0.0005	<0.001	0.013	<0.0005	<0.01	<0.0001	<0.005	<0.0005	0.031	<0.1	<0.1	<0.0005	<0.002	<0.0005	<0.001	<0.002		<0.0001
	20-May-20	0.014	<0.0005	<0.001	0.0028	<0.0005	0.015	<0.0001	<0.005	<0.0005	0.087	<0.1	<0.1	0.00069	0.0027	<0.0005	<0.001	<0.002		<0.0001
	27-May-21	<0.005	<0.0005	<0.001	0.015	<0.0004	<0.01	<0.00009	<0.005	<0.0005	0.0077	<0.1	<0.1	<0.0005	<0.002	<0.0005	<0.001	<0.002		<0.00009
	2-Jun-22	0.0091	<0.0005	<0.001	0.016	<0.0004	<0.01	<0.00009	<0.005	<0.0005	0.028	<0.1	<0.1	0.00063	<0.002	<0.0005	<0.001	<0.002		<0.00009
	31-May-23	0.042	<0.0005	<0.001	0.015	<0.0004	<0.01	<0.00009	<0.005	<0.0005	0.021	<0.1	<0.1	<0.0005	<0.002	<0.0005	<0.001	<0.002		<0.00009
RW2	24-Oct-16	0.03	0.0001	0.0003	0.015	<0.002		<0.00002	<0.002	0.0001	0.011	0.1	0.009	0.00015	<0.001	<0.0001	<0.01	<0.001		<0.00002
	2-May-17	0.04	<0.0001	0.0005	0.008	<0.002		<0.000014	0.003	<0.0001	0.0076	<0.1	0.073	0.00026	<0.001	0.0001	<0.01	<0.001		<0.00002
	9-May-18	0.0064	<0.0001	0.0001	0.0129	<0.0001	0.019	<0.000005	0.00062	<0.0001	0.0151	0.065	0.013	0.00023	<0.0005	0.000077	0.00064	0.000087	2.4	<0.00005
	6-Jun-19	0.023	<0.0005	<0.001	0.012	<0.0005	0.036	<0.0001	<0.005	<0.0005	0.014	<0.1	<0.1	<0.0005	<0.002	<0.0005	<0.001	<0.002		<0.0001
	20-May-20	0.011	<0.0005	<0.001	0.014	<0.0005	0.032	<0.0001	<0.005	<0.0005	0.03	<0.1	<0.1	0.002	<0.002	<0.0005	<0.001	<0.002		<0.0001
	26-May-21	0.014	<0.0005	<0.001	0.011	<0.0004	0.028	<0.00009	<0.005	<0.0005	0.025	<0.1	<0.1	0.00076	<0.002	<0.0005	<0.001	<0.002		<0.00009
	2-Jun-22	0.01	<0.0005	<0.001	0.012	<0.0004	0.023	<0.00009	<0.005	<0.0005	0.0086	<0.1	<0.1	<0.0005	<0.002	<0.0005	<0.001	<0.002		<0.00009
	31-May-23	0.01	<0.0005	<0.001	0.013	<0.0004	0.03	<0.00009	<0.005	<0.0005	0.0053	<0.1	<0.1	<0.0005	<0.002	<0.0005	<0.001	<0.002		<0.00009

Table B-9 Domestic Well Laboratory Chemical Results

Surface Water Station	Date	Metals							BTEX & Hydrocarbons (µg/L)									
		Strontium	Thallium	Titanium	Tungsten	Uranium	Vanadium	Zinc	Zirconium	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	F1 (C6-C10)	F2 (C10-C16)	F3 (C16-C34)	F4 (C34-C50)
		Sr	Tl	Ti	W	U	V	Zn	Zr									
	ODWQS	nc	nc	nc	nc	0.02 MAC	nc	5 AO	nc	1 MAC	24 AO	1.6 AO	20 AO	20 AO	nc	nc	nc	nc
RW1	24-Oct-16	<0.001	<0.00005	<0.005	<0.01	0.00011	<0.005	<0.005	<0.003	<0.5	<0.5	<0.5	<1	<0.5	<50	<50	<400	<400
	2-May-17	<0.001	<0.00005	<0.005	<0.01	0.0001	<0.005	<0.005	<0.003	<0.5	<0.5	<0.5	<1	<0.5	<50	<50	<400	<400
	9-May-18	0.0802	<0.00001	0.00047	<0.0001	0.000125	<0.0005	0.0201	<0.0003	<0.5	<0.5	<0.5	<0.4	<0.3	<25	<100	<250	<250
	6-Jun-19	0.081	<0.00005	<0.005	<0.001	0.00013	<0.0005	0.033	<0.001	<0.2	<0.2	<0.2	<0.4	<0.2	<25	<100	<200	<200
	20-May-20	0.015	<0.00005	<0.005	<0.001	0.00011	<0.0005	0.045	<0.001	<0.2	<0.2	<0.2	<0.4	<0.2	<25	<100	<200	<200
	27-May-21	0.099	<0.00005	<0.005	<0.001	0.00013	<0.0005	<0.005	<0.001	<0.2	<0.2	<0.2	<0.4	<0.2	<25	<100	<200	<200
	2-Jun-22	0.096	<0.00005	<0.005	<0.001	0.00013	<0.0005	0.015	<0.001	<0.2	<0.2	<0.2	<0.4	<0.2	<25	<100	<200	<200
	31-May-23	0.089	<0.00005	<0.005	<0.001	0.00013	<0.0005	0.0071	<0.001	<0.2	<0.2	<0.2	<0.4	<0.2	<25	<100	<200	<200
RW2	24-Oct-16	0.275	<0.00005	<0.005	<0.01	0.00016	<0.005	<0.005	<0.003	<0.5	<0.5	<0.5	<1	<0.5	<50	<50	<400	<400
	2-May-17	0.159	<0.00005	<0.005	<0.01	0.00013	<0.005	0.007	<0.003	<0.5	<0.5	<0.5	<1	<0.5	<50	<50	<400	<400
	9-May-18	0.213	<0.00001	<0.0003	<0.0001	0.000124	<0.0005	0.0156	<0.0003	<0.5	<0.5	<0.5	<0.4	<0.3	<25	<100	<250	<250
	6-Jun-19	0.23	<0.00005	<0.005	<0.001	0.00013	<0.0005	0.012	<0.001	<0.2	<0.2	<0.2	<0.4	<0.2	<25	<100	<200	<200
	20-May-20	0.21	<0.00005	<0.005	<0.001	0.00013	<0.0005	0.048	<0.001	<0.2	<0.2	<0.2	<0.4	<0.2	<25	<100	<200	<200
	26-May-21	0.24	<0.00005	<0.005	<0.001	0.00011	<0.0005	0.16	<0.001	<0.2	<0.2	<0.2	<0.4	<0.2	<25	<100	<200	<200
	2-Jun-22	0.23	<0.00005	<0.005	<0.001	0.00014	<0.0005	<0.005	<0.001	<0.2	<0.2	<0.2	<0.4	<0.2	<25	<100	<200	<200
	31-May-23	0.25	<0.00005	<0.005	<0.001	0.00013	<0.0005	<0.005	<0.001	<0.2	<0.2	<0.2	<0.4	<0.2	<25	<100	<200	<200

Table B-10 Domestic Well Laboratory Microbiological Results

Surface Water Station	Date	Microbiological		
		Total Coliforms (cfu/100mL)	E:Coli (cfu/100mL)	Heterotrophic Plate Count (cfu/mL)
		0 MAC	0 MAC	a OG
RW1	24-Oct-16	<2	0	130
	2-May-17	0	0	200
	9-May-18	0	0	1
	6-Jun-19	0	0	5
	20-May-20	3	0	6
	27-May-21	0	0	180
	2-Jun-22	0	0	710
	31-May-23	5	0	0
RW2	24-Oct-16	12	0	290
	2-May-17	40	0	30
	16-May-17	6	0	130
	9-May-18	2	0	2
	6-Jun-19	91	0	39
	20-May-20	15	3	6
	26-May-21	(6)	(6)	>5700
	23-Jun-21 Inside	0	0	510
	23-Jun-21 Outside	5	2	2500
	2-Jun-22	6	4	8
	31-May-23 Inside	0	0	7
	31-May-23 Outside	180	15	280