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Supplement 1

September 2007

Forsmark site investigation

Difference flow logging in borehole KFM06A

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Description

In the present supplement all groundwater head calculations have been redone on revised borehole elevation data (Z-coordinates).

Borehole coordinates that formed the basis for this revision of groundwater head data were retrieved from Sicada 2007-06-26 (#SICADA_07_263) /SKB 2007/.

There was also a mistake in the last sentence in Section 6.5. The location of the absolute pressure sensor was incorrect. The correct location is 991.18 m. The correct last sentence is: "The recovery was measured with two sensors, using the water level sensor (pressure sensor for monitoring water level) and the absolute pressure sensor located at the borehole length of 991.18 m".

Specifically the following appendices are revised and included in this supplement;

Revised appendix	Appendix number
Table of transmissivity and head of 5 m sections	Appendix 5
Transmissivity and head of 5 m sections	Appendix 6.2
Table of transmissivity and head of detected fractures	Appendix 7
Transmissivity and head of detected fractures	Appendix 8
Comparison between section transmissivity and fracture transmissivity	Appendix 9
Head in the borehole during flow logging	Appendix 10.1
Groundwater recovery after pumping	Appendix 10.4

Reference

SKB, 2007. Compilation of borehole deviation measurements in Forsmark (Nilsson, G. and Nissen, J.). SKB P-07-28, Svensk Kärnbränslehantering AB.

Appendix 5

Table of transmissivity and head of 5 m sections

Borehole ID	Secup L(m)	Seclow L(m)	Lw (m)	Q0 (m^3/s)	dh0 (m)	Q1 (m^3/s)	dh1 (m)	TD (m^2/s)	hi (m)	Q-lower limit P (mL/h)	TD-measILT (m^2/s)	TD-measILP (m^2/s)	TD-measIU (m^2/s)	ECw0 (S/m)	Tew0 (°C)	ECw1 (S/m)	Tew1 (°C)	Comments
KFM06A	100.43	105.43	5	–	0.68	2.65E–08	–8.46	2.9E–09	–	30	9.0E–10	9.0E–10	9.0E–06	1.46	7.31	1.47	7.84	
KFM06A	105.44	110.44	5	–	0.57	3.69E–08	–8.40	4.1E–09	–	30	9.2E–10	9.2E–10	9.2E–06	1.46	7.37	1.46	7.83	
KFM06A	110.46	115.46	5	4.04E–08	0.80	8.03E–07	–8.38	8.2E–08	1.3	30	9.0E–10	9.0E–10	9.0E–06	1.45	7.39	1.44	7.84	
KFM06A	115.47	120.47	5	7.78E–08	0.61	3.03E–06	–8.39	3.2E–07	0.8	30	9.2E–10	9.2E–10	9.2E–06	1.45	7.42	1.36	7.78	
KFM06A	120.49	125.49	5	–	0.85	3.64E–08	–8.35	3.9E–09	–	30	9.0E–10	9.0E–10	9.0E–06	1.46	7.45	1.47	7.79	
KFM06A	125.50	130.50	5	7.82E–07	0.64	5.97E–05	–0.94	3.7E–05	0.7	30	5.2E–09	5.2E–09	5.2E–05	1.45	7.46	1.51	7.69	*
KFM06A	130.52	135.52	5	1.20E–07	0.92	7.49E–05	–8.26	8.1E–06	0.9	30	9.0E–10	9.0E–10	9.0E–06	1.41	7.52	1.5	8.01	
KFM06A	135.53	140.53	5	–	0.69	2.23E–07	–8.24	2.5E–08	–	30	9.2E–10	9.2E–10	9.2E–06	1.47	7.66	1.49	8.25	
KFM06A	140.54	145.54	5	2.19E–08	0.91	6.32E–06	–8.21	6.8E–07	0.9	30	9.0E–10	9.0E–10	9.0E–06	1.48	7.72	1.52	8.24	
KFM06A	145.55	150.55	5	–	0.87	6.47E–08	–8.16	7.1E–09	–	30	9.1E–10	9.1E–10	9.1E–06	1.44	7.77	1.48	8.29	
KFM06A	150.56	155.56	5	–	0.93	3.75E–08	–8.12	4.1E–09	–	30	9.1E–10	9.1E–10	9.1E–06	1.48	7.86	1.48	8.29	
KFM06A	155.57	160.57	5	4.45E–08	1.08	1.04E–05	–8.10	1.1E–06	1.1	30	9.0E–10	9.0E–10	9.0E–06	1.48	7.86	1.53	8.22	
KFM06A	160.57	165.57	5	–	0.89	1.26E–06	–8.07	1.4E–07	–	30	9.2E–10	9.2E–10	9.2E–06	1.50	7.91	1.49	8.31	
KFM06A	165.58	170.58	5	1.33E–08	1.19	2.70E–06	–8.00	2.9E–07	1.2	30	9.0E–10	9.0E–10	9.0E–06	1.50	7.93	1.52	8.30	
KFM06A	170.59	175.59	5	–	0.95	5.25E–08	–7.98	5.8E–09	–	30	9.2E–10	9.2E–10	9.2E–06	1.51	7.98	1.48	8.33	
KFM06A	175.60	180.60	5	1.53E–07	1.18	3.13E–05	–7.94	3.4E–06	1.2	30	9.0E–10	9.0E–10	9.0E–06	1.44	8.01	1.51	8.23	
KFM06A	180.60	185.60	5	1.96E–07	1.13	8.59E–05	–7.92	9.4E–06	1.1	30	9.1E–10	9.1E–10	9.1E–06	1.41	8.02	1.50	8.24	
KFM06A	185.61	190.61	5	–	1.17	–	–7.88	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.51	8.13	1.47	8.46	
KFM06A	190.61	195.61	5	–	1.33	–	–7.85	–	–	30	9.0E–10	9.0E–10	9.0E–06	1.49	8.14	1.47	8.46	
KFM06A	195.61	200.61	5	–	1.15	9.84E–09	–7.79	1.1E–09	–	30	9.2E–10	9.2E–10	9.2E–06	1.51	8.19	1.47	8.47	
KFM06A	200.62	205.62	5	–	1.43	3.17E–08	–7.75	3.4E–09	–	30	9.0E–10	9.0E–10	9.0E–06	1.50	8.22	1.47	8.46	
KFM06A	205.62	210.62	5	–	1.22	1.16E–06	–7.72	1.3E–07	–	30	9.2E–10	9.2E–10	9.2E–06	1.51	8.25	1.48	8.47	
KFM06A	210.63	215.63	5	–	1.42	1.28E–08	–7.67	1.4E–09	–	30	9.1E–10	9.1E–10	9.1E–06	1.50	8.30	1.47	8.48	

Borehole ID	Secup L(m)	Seclow L(m)	Lw (m)	Q0 (m^3/s)	dh0 (m)	Q1 (m^3/s)	dh1 (m)	TD (m^2/s)	hi (m)	Q-lower limit P (mL/h)	TD-measILT (m^2/s)	TD-measILP (m^2/s)	TD-measIU (m^2/s)	ECw0 (S/m)	Tew0 (°C)	ECw1 (S/m)	Tew1 (°C)	Comments
KFM06A	215.63	220.63	5	3.27E–08	1.47	2.25E–05	–0.36	1.2E–05	1.5	30	4.5E–09	4.5E–09	4.5E–05	1.51	8.30	1.48	8.43	*
KFM06A	220.63	225.63	5	–	1.37	–	–7.61	–	–	30	9.2E–10	9.2E–10	9.2E–06	1.51	8.39	1.47	8.60	
KFM06A	225.64	230.64	5	–	1.64	–	–7.58	–	–	30	8.9E–10	8.9E–10	8.9E–06	1.51	8.43	1.46	8.61	
KFM06A	230.66	235.66	5	–	1.39	–	–7.54	–	–	30	9.2E–10	9.2E–10	9.2E–06	1.51	8.45	1.46	8.61	
KFM06A	235.67	240.67	5	1.18E–07	1.62	1.50E–05	–0.23	7.9E–06	1.6	30	4.5E–09	4.5E–09	4.4E–05	1.48	8.47	1.46	8.57	*
KFM06A	240.68	245.68	5	–	1.60	–	–7.49	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.48	8.57	1.44	8.71	
KFM06A	245.69	250.69	5	–	1.53	3.33E–09	–7.42	3.7E–10	–	30	9.2E–10	9.2E–10	9.2E–06	1.52	8.57	1.44	8.71	
KFM06A	250.70	255.70	5	–	1.78	9.02E–09	–7.40	9.7E–10	–	30	9.0E–10	9.0E–10	9.0E–06	1.51	8.62	1.44	8.72	
KFM06A	255.71	260.71	5	–	1.57	1.80E–07	–7.37	2.0E–08	–	30	9.2E–10	9.2E–10	9.2E–06	1.51	8.67	1.44	8.72	
KFM06A	260.71	265.71	5	–	1.81	1.56E–08	–7.35	1.7E–09	–	30	9.0E–10	9.0E–10	9.0E–06	1.51	8.71	1.44	8.73	
KFM06A	265.72	270.72	5	1.33E–06	1.75	5.36E–05	0.00	3.0E–05	1.8	30	4.7E–09	4.7E–09	4.6E–05	1.32	8.75	1.39	8.75	*
KFM06A	270.73	275.73	5	1.39E–08	1.79	7.27E–07	–7.29	7.8E–08	2.0	30	9.1E–10	9.1E–10	9.1E–06	1.51	8.82	1.27	8.84	
KFM06A	275.73	280.73	5	–	1.95	–	–7.25	–	–	30	9.0E–10	9.0E–10	9.0E–06	1.5	8.82	1.28	8.86	
KFM06A	280.73	285.73	5	–	1.76	–	–7.22	–	–	30	9.2E–10	9.2E–10	9.2E–06	1.51	8.85	1.28	8.88	
KFM06A	285.73	290.73	5	–	2.05	–	–7.19	–	–	30	8.9E–10	8.9E–10	8.9E–06	1.51	8.86	1.28	8.90	
KFM06A	290.74	295.74	5	–	1.80	–	–7.16	–	–	30	9.2E–10	9.2E–10	9.2E–06	1.5	8.91	1.28	8.93	
KFM06A	295.75	300.75	5	–7.08E–08	2.09	5.08E–08	–7.09	1.3E–08	–3.3	30	9.0E–10	9.0E–10	9.0E–06	1.51	8.91	1.28	8.95	
KFM06A	300.76	305.76	5	–	2.03	6.09E–09	–7.06	6.6E–10	–	30	9.1E–10	9.1E–10	9.1E–06	1.51	8.96	1.27	9.01	
KFM06A	305.77	310.77	5	–	2.07	1.80E–07	–7.03	2.0E–08	–	30	9.1E–10	9.1E–10	9.1E–06	1.51	8.98	1.27	9.04	
KFM06A	310.78	315.78	5	–	2.19	–	–7.01	–	–	30	9.0E–10	9.0E–10	9.0E–06	1.51	9.05	1.27	9.10	
KFM06A	315.78	320.78	5	–	2.12	–	–6.95	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.51	9.08	1.27	9.14	
KFM06A	320.79	325.79	5	–1.11E–07	2.26	3.50E–07	–6.92	5.0E–08	0.1	30	9.0E–10	9.0E–10	9.0E–06	1.51	9.10	1.25	9.15	
KFM06A	325.80	330.80	5	–	2.18	2.61E–08	–6.90	2.8E–09	–	30	9.1E–10	9.1E–10	9.1E–06	1.51	9.14	1.27	9.19	
KFM06A	330.80	335.80	5	–	2.31	1.42E–08	–6.87	1.5E–09	–	30	9.0E–10	9.0E–10	9.0E–06	1.51	9.17	1.27	9.24	
KFM06A	335.81	340.81	5	–1.25E–08	2.29	5.33E–08	–6.83	7.1E–09	0.6	30	9.0E–10	9.0E–10	9.0E–06	1.52	9.21	1.26	9.26	
KFM06A	340.81	345.81	5	–3.49E–08	2.37	1.53E–07	–6.81	2.0E–08	0.7	30	9.0E–10	9.0E–10	9.0E–06	1.51	9.25	1.26	9.30	
KFM06A	345.82	350.82	5	–	2.38	–	–6.78	–	–	30	9.0E–10	9.0E–10	9.0E–06	1.51	9.28	1.27	9.34	

Borehole ID	Secup L(m)	Seclow L(m)	Lw (m)	Q0 (m^3/s)	dh0 (m)	Q1 (m^3/s)	dh1 (m)	TD (m^2/s)	hi (m)	Q-lower limit P (mL/h)	TD-measILT (m^2/s)	TD-measILP (m^2/s)	TD-measIU (m^2/s)	ECw0 (S/m)	Tew0 (°C)	ECw1 (S/m)	Tew1 (°C)	Comments
KFM06A	350.83	355.83	5	–	2.28	1.27E–08	–6.75	1.4E–09	–	30	9.1E–10	9.1E–10	9.1E–06	1.51	9.35	1.27	9.40	
KFM06A	355.83	360.83	5	–1.26E–06	2.58	8.34E–06	–6.71	1.0E–06	1.4	30	8.9E–10	8.9E–10	9.0E–06	1.51	9.37	1.25	9.44	
KFM06A	360.84	365.84	5	–	2.55	–	–6.69	–	–	30	8.9E–10	8.9E–10	8.9E–06	1.51	9.46	1.41	9.47	
KFM06A	365.84	370.84	5	–	2.56	–	–6.61	–	–	30	9.0E–10	9.0E–10	9.0E–06	1.51	9.49	1.43	9.50	
KFM06A	370.85	375.85	5	–	2.60	–	–6.59	–	–	30	9.0E–10	9.0E–10	9.0E–06	1.5	9.52	1.42	9.53	
KFM06A	375.86	380.86	5	–	2.65	–	–6.57	–	–	30	8.9E–10	8.9E–10	8.9E–06	1.51	9.53	1.40	9.55	
KFM06A	380.86	385.86	5	–	2.69	2.54E–08	–6.52	2.7E–09	–	30	9.0E–10	9.0E–10	9.0E–06	1.5	9.58	1.43	9.59	
KFM06A	385.86	390.86	5	–	2.72	–	–6.49	–	–	30	9.0E–10	9.0E–10	9.0E–06	1.5	9.63	1.41	9.63	
KFM06A	390.87	395.87	5	–6.47E–08	2.75	1.79E–07	–6.46	2.6E–08	0.3	30	9.0E–10	9.0E–10	9.0E–06	1.5	9.68	1.36	9.68	
KFM06A	395.87	400.87	5	–	2.80	–	–6.38	–	–	30	9.0E–10	9.0E–10	9.0E–06	1.5	9.73	1.42	9.73	
KFM06A	400.88	405.88	5	–	2.85	–	–6.35	–	–	30	9.0E–10	9.0E–10	9.0E–06	1.49	9.75	1.41	9.75	
KFM06A	405.88	410.88	5	–	2.88	–	–6.32	–	–	30	9.0E–10	9.0E–10	9.0E–06	1.49	9.79	1.41	9.79	
KFM06A	410.89	415.89	5	–	2.91	–	–6.29	–	–	30	9.0E–10	9.0E–10	9.0E–06	1.50	9.81	1.43	9.81	
KFM06A	415.89	420.89	5	–	2.98	–	–6.23	–	–	30	9.0E–10	9.0E–10	9.0E–06	1.49	9.86	1.38	9.87	
KFM06A	420.90	425.90	5	–	3.00	–	–6.21	–	–	30	9.0E–10	9.0E–10	9.0E–06	1.49	9.91	1.43	9.89	
KFM06A	425.90	430.90	5	–	3.04	–	–6.18	–	–	30	8.9E–10	8.9E–10	8.9E–06	1.49	9.97	1.42	9.96	
KFM06A	430.91	435.91	5	–	3.04	–	–6.13	–	–	30	9.0E–10	9.0E–10	9.0E–06	1.49	10.00	1.42	10.00	
KFM06A	435.91	440.91	5	–	3.06	–	–6.10	–	–	30	9.0E–10	9.0E–10	9.0E–06	1.49	10.03	1.42	10.03	
KFM06A	440.92	445.92	5	–	3.09	–	–6.07	–	–	30	9.0E–10	9.0E–10	9.0E–06	1.48	10.06	1.40	10.08	
KFM06A	445.92	450.92	5	–	3.14	4.44E–09	–6.01	4.8E–10	–	30	9.0E–10	9.0E–10	9.0E–06	1.49	10.10	1.41	10.13	
KFM06A	450.92	455.92	5	–	3.15	–	–5.99	–	–	30	9.0E–10	9.0E–10	9.0E–06	1.47	10.15	1.39	10.16	
KFM06A	455.93	460.93	5	–	3.15	–	–6.00	–	–	30	9.0E–10	9.0E–10	9.0E–06	1.47	10.20	1.39	10.21	
KFM06A	460.93	465.93	5	–	3.20	–	–5.97	–	–	30	9.0E–10	9.0E–10	9.0E–06	1.48	10.25	1.41	10.26	
KFM06A	465.94	470.94	5	–	3.26	–	–5.88	–	–	30	9.0E–10	9.0E–10	9.0E–06	1.48	10.29	1.40	10.29	
KFM06A	470.94	475.94	5	–	3.31	–	–5.85	–	–	30	9.0E–10	9.0E–10	9.0E–06	1.48	10.33	1.40	10.34	
KFM06A	475.95	480.95	5	–	3.35	–	–5.84	–	–	30	9.0E–10	9.0E–10	9.0E–06	1.46	10.38	1.38	10.39	
KFM06A	480.96	485.96	5	–	3.39	–	–5.80	–	–	30	9.0E–10	9.0E–10	9.0E–06	1.48	10.42	1.39	10.44	

Borehole ID	Secup L(m)	Seclow L(m)	Lw (m)	Q0 (m^3/s)	dh0 (m)	Q1 (m^3/s)	dh1 (m)	TD (m^2/s)	hi (m)	Q-lower limit P (mL/h)	TD-measILT (m^2/s)	TD-measILP (m^2/s)	TD-measIU (m^2/s)	ECw0 (S/m)	Tew0 (°C)	ECw1 (S/m)	Tew1 (°C)	Comments
KFM06A	485.96	490.96	5	–	3.41	–	–5.76	–	–	30	9.0E–10	9.0E–10	9.0E–06	1.47	10.47	1.39	10.48	
KFM06A	490.97	495.97	5	–	3.45	–	–5.73	–	–	30	9.0E–10	9.0E–10	9.0E–06	1.47	10.50	1.39	10.52	
KFM06A	495.97	500.97	5	–	3.47	–	–5.66	–	–	30	9.0E–10	9.0E–10	9.0E–06	1.45	10.56	1.37	10.57	
KFM06A	500.98	505.98	5	–	3.52	–	–5.61	–	–	30	9.0E–10	9.0E–10	9.0E–06	1.46	10.62	1.37	10.62	
KFM06A	505.98	510.98	5	–	3.57	–	–5.57	–	–	30	9.0E–10	9.0E–10	9.0E–06	1.46	10.66	1.36	10.67	
KFM06A	510.99	515.99	5	–	3.61	–	–5.54	–	–	30	9.0E–10	9.0E–10	9.0E–06	1.46	10.71	1.37	10.71	
KFM06A	515.99	520.99	5	–	3.63	–	–5.48	–	–	30	9.0E–10	9.0E–10	9.0E–06	1.44	10.75	1.35	10.76	
KFM06A	520.99	525.99	5	–	3.65	–	–5.45	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.45	10.79	1.35	10.81	
KFM06A	526.00	531.00	5	–	3.72	–	–5.42	–	–	30	9.0E–10	9.0E–10	9.0E–06	1.45	10.84	1.36	10.85	
KFM06A	531.01	536.01	5	–	3.75	–	–5.37	–	–	30	9.0E–10	9.0E–10	9.0E–06	1.44	10.88	1.34	10.90	
KFM06A	536.02	541.02	5	–	3.76	–	–5.35	–	–	30	9.0E–10	9.0E–10	9.0E–06	1.43	10.93	1.35	10.94	
KFM06A	541.03	546.03	5	–	3.80	–	–5.32	–	–	30	9.0E–10	9.0E–10	9.0E–06	1.45	10.99	1.35	11.01	
KFM06A	546.04	551.04	5	–	3.87	–	–5.25	–	–	30	9.0E–10	9.0E–10	9.0E–06	1.44	11.01	1.35	11.03	
KFM06A	551.05	556.05	5	–	3.89	–	–5.22	–	–	30	9.0E–10	9.0E–10	9.0E–06	1.41	11.08	1.33	11.09	
KFM06A	556.06	561.06	5	–	3.91	–	–5.17	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.41	11.13	1.32	11.13	
KFM06A	561.07	566.07	5	–	3.98	–	–5.14	–	–	30	9.0E–10	9.0E–10	9.0E–06	1.41	11.17	1.32	11.18	
KFM06A	566.08	571.08	5	–	4.03	–	–5.07	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.42	11.21	1.33	11.23	
KFM06A	571.09	576.09	5	–	4.05	–	–5.06	–	–	30	9.0E–10	9.0E–10	9.0E–06	1.41	11.27	1.32	11.28	
KFM06A	576.10	581.10	5	–	4.08	–	–5.01	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.41	11.31	1.32	11.33	
KFM06A	581.11	586.11	5	–	4.11	–	–4.98	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.38	11.36	1.31	11.36	
KFM06A	586.12	591.12	5	–	4.15	–	–4.96	–	–	30	9.0E–10	9.0E–10	9.0E–06	1.39	11.43	1.33	11.45	
KFM06A	591.13	596.13	5	–	4.18	–	–4.92	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.37	11.49	1.32	11.49	
KFM06A	596.14	601.14	5	–	4.23	–	–4.85	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.37	11.51	1.32	11.53	
KFM06A	601.15	606.15	5	–	4.24	–	–4.83	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.36	11.58	1.32	11.59	
KFM06A	606.16	611.16	5	–	4.28	–	–4.80	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.33	11.62	1.32	11.63	
KFM06A	611.17	616.17	5	–	4.32	–	–4.76	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.34	11.67	1.31	11.67	
KFM06A	616.19	621.19	5	–	4.36	–	–4.73	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.35	11.74	1.32	11.84	

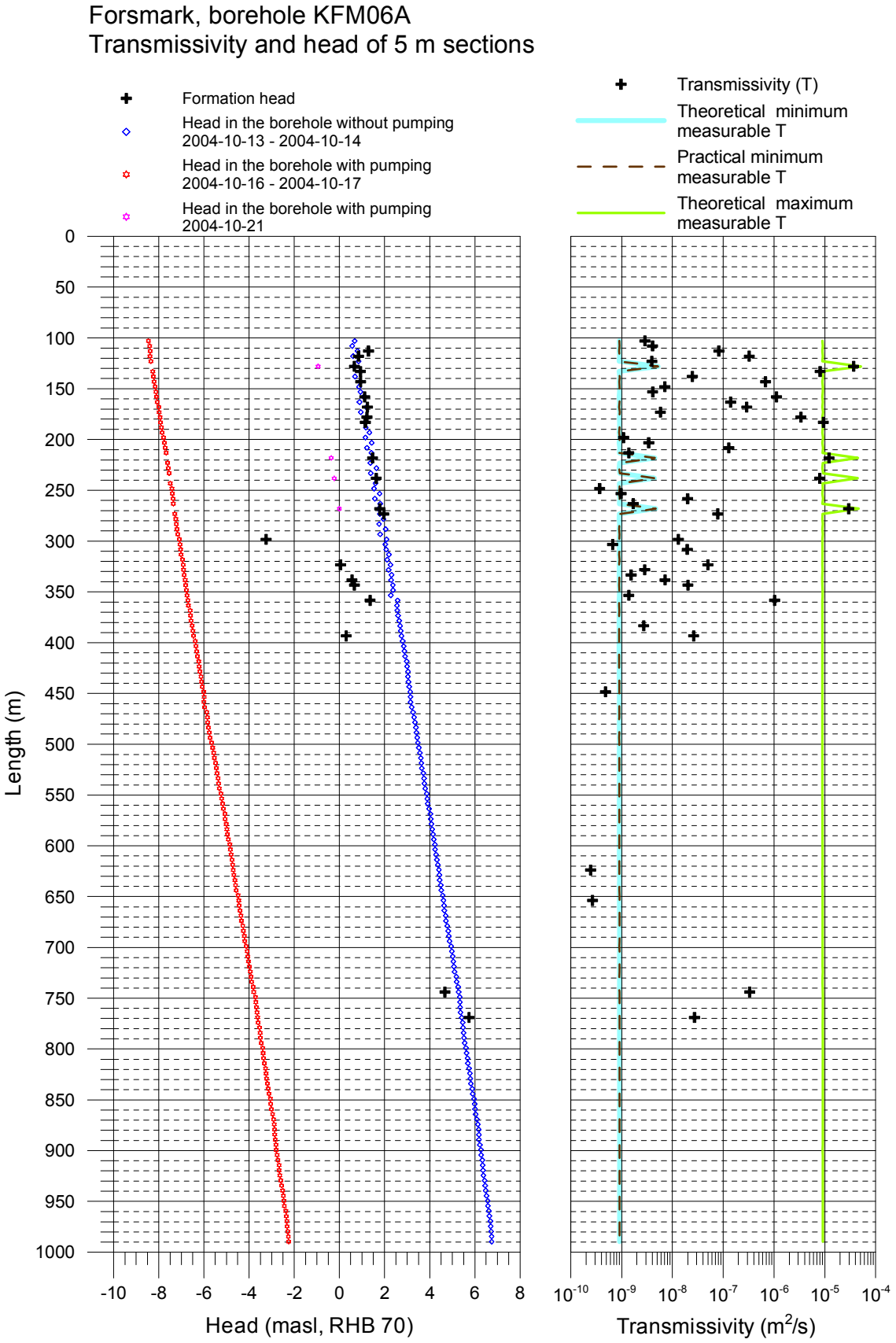
Borehole ID	Secup L(m)	Seclow L(m)	Lw (m)	Q0 (m^3/s)	dh0 (m)	Q1 (m^3/s)	dh1 (m)	TD (m^2/s)	hi (m)	Q-lower limit P (mL/h)	TD-measILT (m^2/s)	TD-measILP (m^2/s)	TD-measIU (m^2/s)	ECw0 (S/m)	Tew0 (°C)	ECw1 (S/m)	Tew1 (°C)	Comments
KFM06A	621.20	626.20	5	–	4.41	2.26E–09	–4.70	2.5E–10	–	30	9.0E–10	9.0E–10	9.0E–06	1.34	11.78	1.32	11.84	
KFM06A	626.20	631.20	5	–	4.43	–	–4.67	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.33	11.85	1.32	11.84	
KFM06A	631.21	636.21	5	–	4.44	–	–4.63	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.33	11.85	1.31	11.86	
KFM06A	636.22	641.22	5	–	4.49	–	–4.60	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.32	11.91	1.31	11.93	
KFM06A	641.23	646.23	5	–	4.51	–	–4.57	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.32	11.96	1.31	11.96	
KFM06A	646.23	651.23	5	–	4.58	–	–4.49	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.31	12.01	1.31	12.03	
KFM06A	651.24	656.24	5	–	4.61	2.44E–09	–4.46	2.7E–10	–	30	9.1E–10	9.1E–10	9.1E–06	1.32	12.06	1.31	12.07	
KFM06A	656.25	661.25	5	–	4.63	–	–4.44	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.30	12.11	1.30	12.11	
KFM06A	661.26	666.26	5	–	4.65	–	–4.40	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.31	12.15	1.31	12.15	
KFM06A	666.26	671.26	5	–	4.71	–	–4.36	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.31	12.21	1.31	12.23	
KFM06A	671.27	676.27	5	–	4.72	–	–4.34	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.31	12.28	1.31	12.30	
KFM06A	676.28	681.28	5	–	4.78	–	–4.28	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.31	12.33	1.31	12.35	
KFM06A	681.29	686.29	5	–	4.82	–	–4.25	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.30	12.34	1.30	12.36	
KFM06A	686.30	691.30	5	–	4.85	–	–4.21	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.31	12.41	1.31	12.43	
KFM06A	691.31	696.31	5	–	4.88	–	–4.19	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.31	12.45	1.31	12.47	
KFM06A	696.32	701.32	5	–	4.95	–	–4.13	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.31	12.54	1.31	12.55	
KFM06A	701.33	706.33	5	–	4.98	–	–4.08	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.31	12.57	1.31	12.60	
KFM06A	706.34	711.34	5	–	5.02	–	–4.06	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.30	12.60	1.31	12.63	
KFM06A	711.34	716.34	5	–	5.04	–	–4.03	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.31	12.64	1.31	12.67	
KFM06A	716.35	721.35	5	–	5.07	–	–3.99	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.31	12.71	1.30	12.73	
KFM06A	721.35	726.35	5	–	5.10	–	–3.94	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.31	12.78	1.30	12.80	
KFM06A	726.35	731.35	5	–	5.18	–	–3.91	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.31	12.85	1.30	12.84	
KFM06A	731.36	736.36	5	–	5.19	–	–3.89	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.32	12.88	1.31	12.86	
KFM06A	736.36	741.36	5	–	5.26	–	–3.82	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.32	12.93	1.31	12.91	
KFM06A	741.37	746.37	5	–2.05E–07	5.28	2.82E–06	–3.79	3.3E–07	4.7	30	9.1E–10	9.1E–10	9.1E–06	1.33	13.00	1.27	13.03	
KFM06A	746.38	751.38	5	–	5.33	–	–3.72	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.33	13.09	1.31	13.09	
KFM06A	751.39	756.39	5	–	5.34	–	–3.70	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.32	13.12	1.31	13.12	

Borehole ID	Secup L(m)	Seclow L(m)	Lw (m)	Q0 (m^3/s)	dh0 (m)	Q1 (m^3/s)	dh1 (m)	TD (m^2/s)	hi (m)	Q-lower limit P (mL/h)	TD-measILT (m^2/s)	TD-measILP (m^2/s)	TD-measIU (m^2/s)	ECw0 (S/m)	Tew0 (°C)	ECw1 (S/m)	Tew1 (°C)	Comments
KFM06A	756.41	761.41	5	–	5.35	–	–3.68	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.34	13.17	1.31	13.15	
KFM06A	761.42	766.42	5	–	5.36	–	–3.65	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.34	13.22	1.31	13.18	
KFM06A	766.44	771.44	5	8.86E–09	5.42	2.57E–07	–3.62	2.7E–08	5.7	30	9.1E–10	9.1E–10	9.1E–06	1.34	13.27	1.26	13.21	
KFM06A	771.45	776.45	5	–	5.46	–	–3.60	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.31	13.31	1.30	13.28	
KFM06A	776.46	781.46	5	–	5.48	–	–3.54	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.34	13.35	1.31	13.34	
KFM06A	781.48	786.48	5	–	5.50	–	–3.51	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.34	13.40	1.31	13.40	
KFM06A	786.49	791.49	5	–	5.52	–	–3.50	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.33	13.46	1.29	13.45	
KFM06A	791.51	796.51	5	–	5.55	–	–3.46	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.34	13.51	1.30	13.49	
KFM06A	796.52	801.52	5	–	5.60	–	–3.40	–	–	30	9.2E–10	9.2E–10	9.2E–06	1.33	13.59	1.30	13.58	
KFM06A	801.53	806.53	5	–	5.63	–	–3.38	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.34	13.64	1.29	13.64	
KFM06A	806.54	811.54	5	–	5.67	–	–3.36	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.32	13.73	1.29	13.66	
KFM06A	811.56	816.56	5	–	5.69	–	–3.32	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.32	13.73	1.29	13.71	
KFM06A	816.57	821.57	5	–	5.74	–	–3.27	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.34	13.78	1.28	13.76	
KFM06A	821.58	826.58	5	–	5.78	–	–3.25	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.32	13.84	1.28	13.82	
KFM06A	826.59	831.59	5	–	5.80	–	–3.23	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.33	13.89	1.28	13.88	
KFM06A	831.60	836.60	5	–	5.82	–	–3.19	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.32	13.95	1.28	13.93	
KFM06A	836.62	841.62	5	–	5.88	–	–3.15	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.33	13.99	1.27	13.98	
KFM06A	841.63	846.63	5	–	5.90	–	–3.12	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.32	14.09	1.27	14.06	
KFM06A	846.65	851.65	5	–	5.96	–	–3.06	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.32	14.14	1.27	14.12	
KFM06A	851.66	856.66	5	–	5.99	–	–3.04	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.31	14.18	1.26	14.18	
KFM06A	856.67	861.67	5	–	6.01	–	–3.01	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.31	14.24	1.26	14.21	
KFM06A	861.69	866.69	5	–	6.03	–	–2.96	–	–	30	9.2E–10	9.2E–10	9.2E–06	1.30	14.27	1.26	14.26	
KFM06A	866.70	871.70	5	–	6.09	–	–2.92	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.29	14.33	1.25	14.31	
KFM06A	871.71	876.71	5	–	6.13	–	–2.89	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.28	14.39	1.25	14.37	
KFM06A	876.72	881.72	5	–	6.17	–	–2.87	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.27	14.45	1.25	14.43	
KFM06A	881.75	886.75	5	–	6.18	–	–2.86	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.26	14.51	1.24	14.49	
KFM06A	886.77	891.77	5	–	6.18	–	–2.84	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.26	14.54	1.24	14.52	

Borehole ID	Secup L(m)	Seclow L(m)	Lw (m)	Q0 (m^3/s)	dh0 (m)	Q1 (m^3/s)	dh1 (m)	TD (m^2/s)	hi (m)	Q-lower limit P (mL/h)	TD-measILT (m^2/s)	TD-measILP (m^2/s)	TD-measIU (m^2/s)	ECw0 (S/m)	Tew0 (°C)	ECw1 (S/m)	Tew1 (°C)	Comments
KFM06A	891.80	896.80	5	–	6.22	–	–2.81	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.24	14.60	1.23	14.61	
KFM06A	896.82	901.82	5	–	6.27	–	–2.80	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.23	14.67	1.23	14.64	
KFM06A	901.83	906.83	5	–	6.28	–	–2.76	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.22	14.74	1.22	14.72	
KFM06A	906.85	911.85	5	–	6.33	–	–2.72	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.22	14.76	1.22	14.75	
KFM06A	911.86	916.86	5	–	6.35	–	–2.67	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.21	14.82	1.21	14.81	
KFM06A	916.87	921.87	5	–	6.36	–	–2.67	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.20	14.87	1.21	14.85	
KFM06A	921.88	926.88	5	–	6.38	–	–2.64	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.19	14.92	1.21	14.90	
KFM06A	926.89	931.89	5	–	6.43	–	–2.60	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.19	14.98	1.21	14.98	
KFM06A	931.91	936.91	5	–	6.46	–	–2.56	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.18	15.02	1.20	15.02	
KFM06A	936.92	941.92	5	–	6.48	–	–2.51	–	–	30	9.2E–10	9.2E–10	9.2E–06	1.18	15.10	1.20	15.09	
KFM06A	941.94	946.94	5	–	6.52	–	–2.48	–	–	30	9.2E–10	9.2E–10	9.2E–06	1.17	15.15	1.20	15.15	
KFM06A	946.95	951.95	5	–	6.57	–	–2.46	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.17	15.19	1.20	15.19	
KFM06A	951.97	956.97	5	–	6.58	–	–2.44	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.18	15.24	1.20	15.23	
KFM06A	956.98	961.98	5	–	6.62	–	–2.37	–	–	30	9.2E–10	9.2E–10	9.2E–06	1.17	15.29	1.20	15.29	
KFM06A	962.00	967.00	5	–	6.64	–	–2.35	–	–	30	9.2E–10	9.2E–10	9.2E–06	1.17	15.35	1.20	15.34	
KFM06A	967.02	972.02	5	–	6.69	–	–2.33	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.17	15.43	1.19	15.43	
KFM06A	972.03	977.03	5	–	6.70	–	–2.32	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.17	15.45	1.19	15.45	
KFM06A	977.05	982.05	5	–	6.72	–	–2.29	–	–	30	9.1E–10	9.1E–10	9.1E–06	1.17	15.49	1.20	15.49	
KFM06A	982.06	987.06	5	–	6.74	–	–2.26	–	–	30	9.2E–10	9.2E–10	9.2E–06	1.16	15.54	1.20	15.54	
KFM06A	987.08	992.08	5	–	6.74	–	–2.25	–	–	30	9.2E–10	9.2E–10	9.2E–06	1.16	15.57	1.20	15.58	

* Values from the measurement with smaller pumping (original pumped flow over measurement limit).

Transmissivity and head of 5 m sections



Appendix 7

Table of transmissivity and head of detected fractures

Borehole ID	Length to flow anom. L (m)	Lw (m)	dL (m)	Q0 (m^3/s)	dh0 (m)	Q1 (m^3/s)	dh1 (m)	TD (m^2/s)	hi (m)	Comments
KFM06A	102.4	1	0.1	–	0.62	2.22E–08	–8.61	2.4E–09	–	*
KFM06A	106.4	1	0.1	–	0.67	2.50E–08	–8.52	2.7E–09	–	
KFM06A	109.3	1	0.1	–	0.52	1.25E–08	–8.51	1.4E–09	–	
KFM06A	110.6	1	0.1	–	0.54	6.94E–07	–8.50	7.6E–08	–	
KFM06A	111.5	1	0.1	–	0.64	3.14E–08	–8.50	3.4E–09	–	
KFM06A	113.6	1	0.1	–	0.81	2.94E–08	–8.48	3.1E–09	–	
KFM06A	115.4	1	0.1	–	0.75	6.39E–08	–8.47	6.9E–09	–	
KFM06A	116.4	1	0.1	–	0.69	3.61E–07	–8.46	3.9E–08	–	
KFM06A	116.9	1	0.1	7.78E–08	0.66	2.41E–06	–8.46	2.5E–07	1.0	
KFM06A	123.1	1	0.1	–	0.85	1.56E–08	–8.18	1.7E–09	–	*
KFM06A	126.0	1	0.1	4.86E–07	0.76	6.67E–05	–8.20	7.3E–06	0.8	
KFM06A	126.9	1	0.1	–	0.72	3.89E–06	–8.22	4.3E–07	–	
KFM06A	128.5	1	0.1	–	0.63	4.44E–05	–8.27	4.9E–06	–	
KFM06A	128.9	1	0.1	–	0.64	6.94E–06	–8.29	7.7E–07	–	*
KFM06A	129.4	1	0.1	–	0.65	5.14E–05	–8.29	5.7E–06	–	*
KFM06A	130.3	1	0.1	–	0.71	3.33E–05	–1.01	1.9E–05	–	**
KFM06A	131.7	1	0.1	–	0.89	1.25E–06	–8.32	1.3E–07	–	*
KFM06A	132.0	1	0.1	–	0.91	7.78E–06	–8.33	8.3E–07	–	
KFM06A	135.0	1	0.1	–	0.82	3.06E–06	–8.33	3.3E–07	–	*
KFM06A	135.4	1	0.1	–	0.80	5.83E–05	–8.31	6.3E–06	–	
KFM06A	136.1	1	0.1	–	0.76	1.39E–07	–8.31	1.5E–08	–	
KFM06A	136.3	1	0.1	–	0.74	7.50E–08	–8.31	8.2E–09	–	*
KFM06A	138.3	1	0.1	–	0.69	8.61E–09	–8.29	9.5E–10	–	
KFM06A	140.6	1	0.1	–	0.94	1.47E–06	–8.28	1.6E–07	–	
KFM06A	142.5	1	0.1	–	0.95	6.11E–07	–8.25	6.6E–08	–	
KFM06A	143.0	1	0.1	–	0.92	2.36E–06	–8.22	2.6E–07	–	
KFM06A	144.6	1	0.1	–	0.83	2.42E–07	–8.08	2.7E–08	–	
KFM06A	145.1	1	0.1	–	0.82	6.39E–07	–8.01	7.2E–08	–	
KFM06A	145.4	1	0.1	–	0.80	6.11E–07	–8.00	6.9E–08	–	
KFM06A	146.0	1	0.1	–	0.77	5.56E–08	–7.98	6.3E–09	–	
KFM06A	148.6	1	0.1	–	0.94	3.06E–09	–8.01	3.4E–10	–	*
KFM06A	152.0	1	0.1	–	0.99	2.78E–09	–8.13	3.0E–10	–	*
KFM06A	154.2	1	0.1	–	0.86	4.03E–08	–8.11	4.4E–09	–	
KFM06A	157.0	1	0.1	4.72E–08	0.95	8.89E–06	–8.10	9.7E–07	1.0	
KFM06A	157.3	1	0.1	–	0.99	6.11E–08	–8.11	6.6E–09	–	*
KFM06A	160.6	1	0.1	–	1.04	9.72E–07	–8.09	1.1E–07	–	
KFM06A	161.9	1	0.1	–	0.97	2.08E–08	–8.08	2.3E–09	–	*
KFM06A	162.5	1	0.1	–	0.93	4.72E–08	–8.07	5.2E–09	–	
KFM06A	163.2	1	0.1	–	0.89	1.39E–07	–8.07	1.5E–08	–	
KFM06A	165.6	1	0.1	–	1.01	6.94E–07	–8.06	7.6E–08	–	
KFM06A	167.5	1	0.1	–	1.19	6.39E–08	–8.05	6.8E–09	–	
KFM06A	168.8	1	0.1	–	1.16	1.72E–06	–8.04	1.9E–07	–	
KFM06A	170.0	1	0.1	–	1.09	6.39E–08	–8.04	6.9E–09	–	

Borehole ID	Length to flow anom. L (m)	Lw (m)	dL (m)	Q0 (m^3/s)	dh0 (m)	Q1 (m^3/s)	dh1 (m)	TD (m^2/s)	hi (m)	Comments
KFM06A	172.8	1	0.1	–	0.94	3.61E–08	–8.04	4.0E–09	–	
KFM06A	173.8	1	0.1	–	0.97	1.33E–08	–8.05	1.5E–09	–	
KFM06A	177.4	1	0.1	1.58E–07	1.23	3.06E–05	–8.03	3.3E–06	1.3	
KFM06A	181.0	1	0.1	–	1.01	7.78E–07	–8.01	8.5E–08	–	
KFM06A	181.2	1	0.1	1.86E–07	1.00	8.61E–05	–8.01	9.4E–06	1.0	
KFM06A	195.9	1	0.1	–	1.31	8.61E–09	–7.89	9.3E–10	–	
KFM06A	204.4	1	0.1	–	1.36	2.97E–08	–7.83	3.2E–09	–	
KFM06A	205.7	1	0.1	–	1.29	4.31E–07	–7.80	4.7E–08	–	
KFM06A	205.9	1	0.1	–	1.28	2.36E–07	–7.80	2.6E–08	–	
KFM06A	206.2	1	0.1	–	1.26	5.28E–07	–7.80	5.8E–08	–	
KFM06A	208.3	1	0.1	–	1.23	3.06E–09	–7.78	3.4E–10	–	*
KFM06A	212.6	1	0.1	–	1.46	3.33E–09	–7.75	3.6E–10	–	*
KFM06A	215.6	1	0.1	–	1.26	5.56E–09	–7.72	6.1E–10	–	*
KFM06A	216.3	1	0.1	–	1.26	5.56E–09	–7.72	6.1E–10	–	*
KFM06A	218.2	1	0.1	–	1.47	2.14E–05	–0.34	1.2E–05	–	**
KFM06A	220.4	1	0.1	–	1.55	3.47E–06	–7.69	3.7E–07	–	
KFM06A	220.6	1	0.1	–	1.54	8.33E–07	–7.68	8.9E–08	–	*
KFM06A	238.0	1	0.1	1.39E–07	1.64	8.33E–05	–7.56	8.9E–06	1.7	
KFM06A	239.6	1	0.1	–	1.52	3.33E–06	–7.57	3.6E–07	–	
KFM06A	246.9	1	0.1	–	1.66	2.22E–09	–7.48	2.4E–10	–	*
KFM06A	254.4	1	0.1	–	1.76	8.06E–09	–7.46	8.6E–10	–	
KFM06A	256.8	1	0.1	–	1.61	1.67E–07	–7.44	1.8E–08	–	
KFM06A	260.5	1	0.1	–	1.80	3.33E–09	–7.42	3.6E–10	–	*
KFM06A	262.8	1	0.1	–	1.84	7.50E–09	–7.41	8.0E–10	–	
KFM06A	267.6	1	0.1	–	1.66	8.33E–07	–7.33	9.2E–08	–	
KFM06A	268.6	1	0.1	–	1.79	5.83E–05	–7.33	6.3E–06	–	
KFM06A	269.3	1	0.1	–	1.89	3.22E–05	0.03	1.7E–05	–	**
KFM06A	271.1	1	0.1	–	1.91	6.39E–09	–7.31	6.9E–10	–	*
KFM06A	271.6	1	0.1	–	1.89	2.39E–07	–7.31	2.6E–08	–	
KFM06A	272.0	1	0.1	–	1.86	4.72E–07	–7.31	5.1E–08	–	
KFM06A	273.7	1	0.1	5.56E–09	1.77	9.17E–08	–7.29	9.4E–09	2.4	
KFM06A	297.3	1	0.1	–6.33E–08	2.15	1.39E–07	–7.12	2.2E–08	–0.8	
KFM06A	303.0	1	0.1	–	1.98	4.44E–09	–7.09	4.9E–10	–	*
KFM06A	306.2	1	0.1	–	2.20	5.28E–08	–7.04	5.7E–09	–	
KFM06A	308.4	1	0.1	–	2.07	1.39E–07	–7.03	1.5E–08	–	
KFM06A	321.4	1	0.1	–	2.04	5.56E–09	–6.95	6.1E–10	–	*
KFM06A	322.0	1	0.1	–1.11E–07	2.08	2.92E–07	–6.96	4.4E–08	–0.4	
KFM06A	327.0	1	0.1	–	2.24	5.56E–09	–6.91	6.0E–10	–	*
KFM06A	329.7	1	0.1	–	2.10	4.72E–09	–6.91	5.2E–10	–	*
KFM06A	330.0	1	0.1	–	2.09	6.94E–09	–6.92	7.6E–10	–	
KFM06A	332.0	1	0.1	–	2.13	8.89E–09	–6.89	9.8E–10	–	
KFM06A	334.2	1	0.1	–	2.37	2.78E–09	–6.89	3.0E–10	–	*
KFM06A	338.6	1	0.1	–	2.28	3.89E–08	–6.86	4.2E–09	–	
KFM06A	339.6	1	0.1	–	2.23	2.33E–08	–6.84	2.6E–09	–	
KFM06A	341.7	1	0.1	–	2.21	4.17E–09	–6.82	4.6E–10	–	*
KFM06A	345.4	1	0.1	–2.78E–08	2.48	1.31E–07	–6.80	1.7E–08	0.9	
KFM06A	354.2	1	0.1	–	2.36	7.22E–09	–6.74	7.9E–10	–	*
KFM06A	356.6	1	0.1	–1.28E–06	2.56	7.22E–06	–6.73	9.1E–07	1.2	

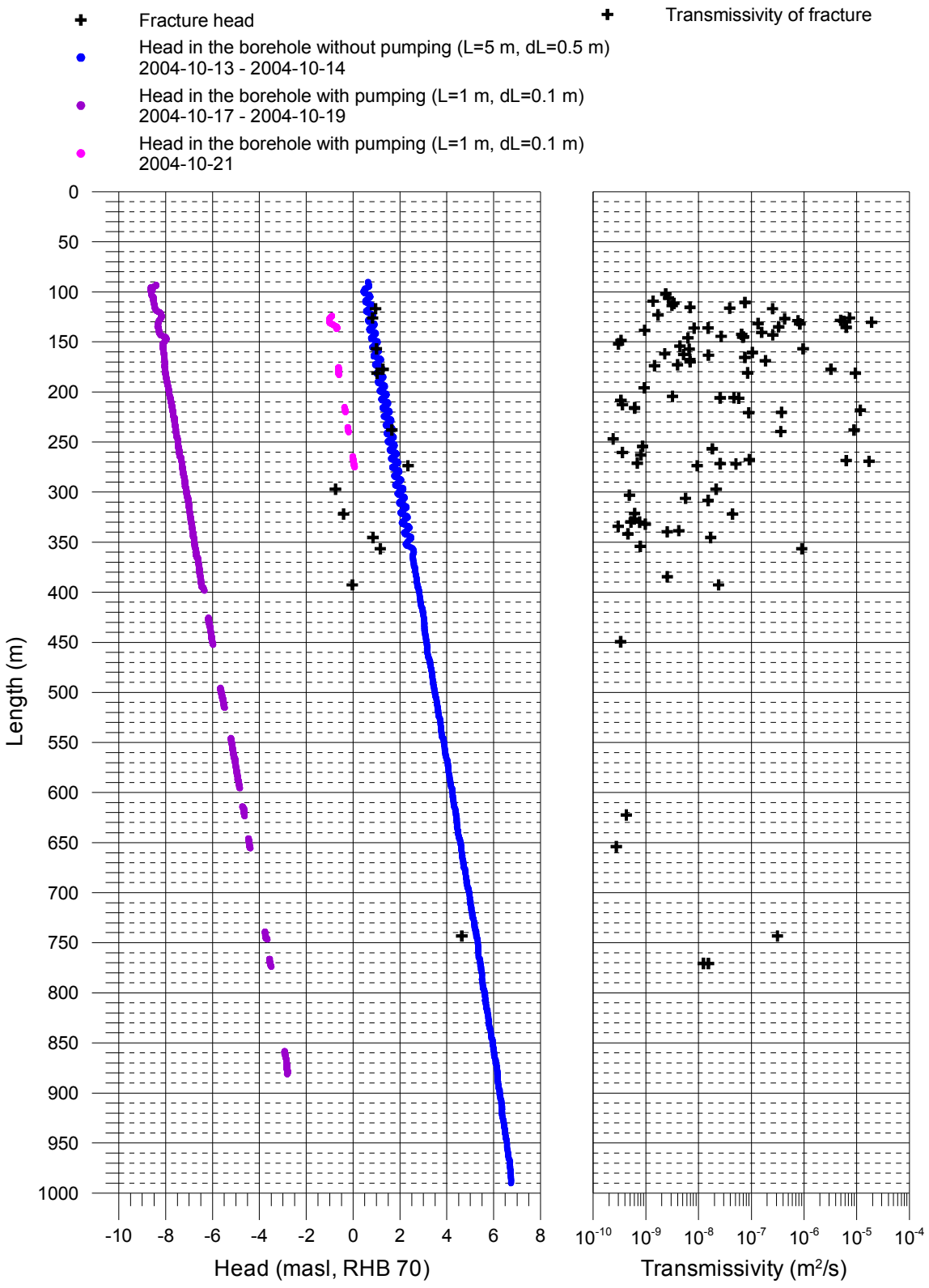
Borehole ID	Length to flow anom. L (m)	Lw (m)	dL (m)	Q0 (m^3/s)	dh0 (m)	Q1 (m^3/s)	dh1 (m)	TD (m^2/s)	hi (m)	Comments
KFM06A	384.6	1	0.1	–	2.70	2.39E–08	–6.52	2.6E–09	–	
KFM06A	392.7	1	0.1	–6.67E–08	2.74	1.56E–07	–6.48	2.4E–08	0.0	
KFM06A	449.4	1	0.1	–	3.13	3.06E–09	–6.00	3.3E–10	–	*
KFM06A	622.4	1	0.1	–	4.38	3.89E–09	–4.64	4.3E–10	–	*
KFM06A	653.9	1	0.1	–	4.61	2.50E–09	–4.40	2.7E–10	–	*
KFM06A	743.3	1	0.1	–2.00E–07	5.27	2.64E–06	–3.72	3.1E–07	4.6	
KFM06A	770.6	1	0.1	–	5.43	1.11E–07	–3.53	1.2E–08	–	
KFM06A	770.8	1	0.1	–	5.43	1.39E–07	–3.53	1.5E–08	–	

* Uncertain = The flow rate is less than 30 mL/h or the flow anomalies are overlapping or they are unclear because of noise.

** Values from the measurement with smaller pumping (original pumped flow over measurement limit).

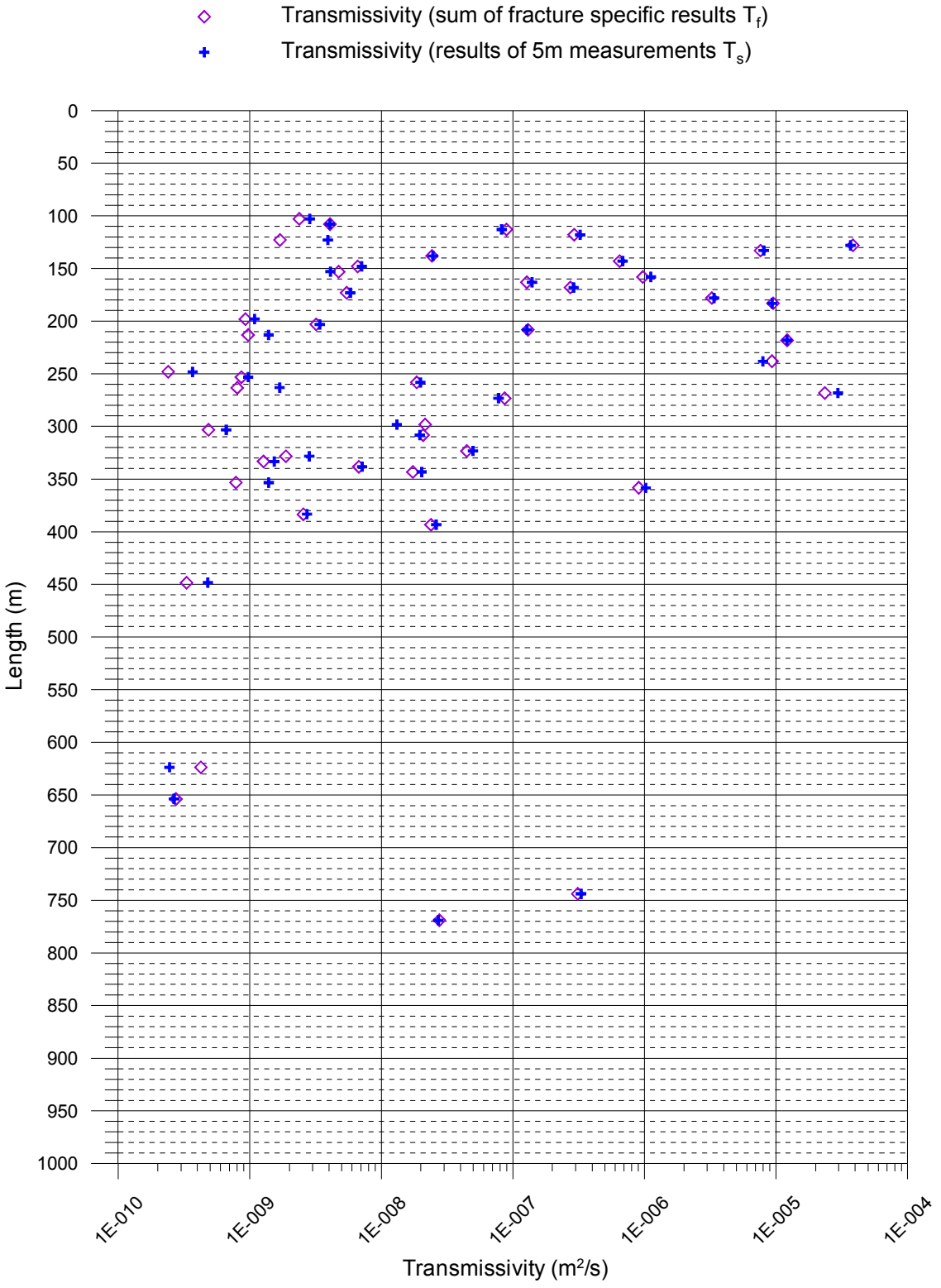
Transmissivity and head of detected fractures

Forsmark, borehole KFM06A
Transmissivity and head of detected fractures



Comparison between section transmissivity and fracture transmissivity

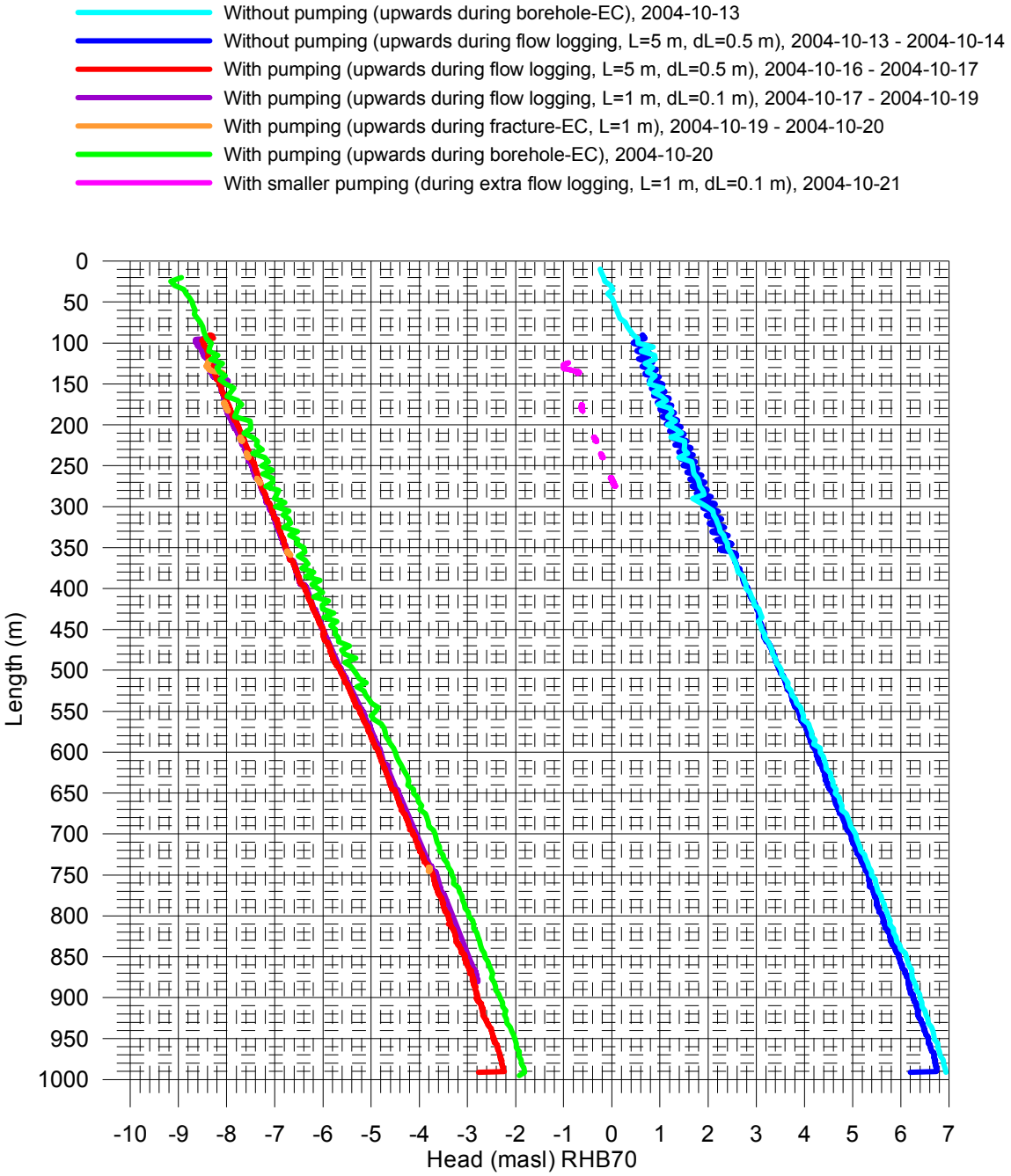
Forsmark, borehole KFM06A
Comparison between section transmissivity and fracture transmissivity



Head in the borehole during flow logging

Forsmark, borehole KFM06A
Head in the borehole during flow logging

Head(masl)= (Absolute pressure (Pa) - Airpressure (Pa) + Offset) /(1000 kg/m^3 * 9.80665 m/s^2) + Elevation (m)
Offset = 2460 Pa (Correction for absolut pressure sensor)



Groundwater recovery after pumping

Forsmark, borehole KFM06A
Groundwater recovery after pumping

Head(masl)= (Absolute pressure (Pa) - Airpressure (Pa) + Offset) /(1000 kg/m^3 * 9.80665 m/s^2) + Elevation (m)
Offset = 2460 Pa (Correction for absolut pressure sensor)