

**RSK**

GROUP PLC

**STATS****BOREHOLE RECORD  
(Window Sampler)****Borehole  
Number:****Site:**  
Fitzroy Farm**Location:**  
Fitzroy Park, London**WS7****Client:**  
GCL Associates**Ground Level:**  
83.35mAOD**Dates:**  
22 Apr 10**Job No.:**  
241529**GROUND WATER****SAMPLES/TESTS****STRATA RECORD**

Sheet 1 of 1

Strike	Well	Depth (m)	Type/Depth (m)	In-situ Tests	Depth (m)	Level (mAOD)	Key	Description
					0.60	82.75	0.60	MADE GROUND: Grass over orangey-brown slightly sandy slightly gravelly reworked clay with fragments of flint and brick.
								Firm, becoming stiff, fissured brown mottled grey-green silty CLAY with roots. Selenite crystals (sand sized aggregates up to large single crystals), occasional carbonate nodules and iron oxide precipitates present sporadically throughout. (WEATHERED LONDON CLAY FORMATION).
								...brown silty clay with no mottling

**Remarks and Water Observations**

Perched water seepage at 0.6m. Inspection pit left open overnight, perched water accumulated in hole. Borehole cased to 2m during drilling. No water strikes or seepages encountered within weathered London Clay. Hole dry on completion. Monitoring standpipe.

End of Borehole at 5.00 m

**Scale:** 1:25**Key for Insitu tests**

HV-Hand Vane (kN/m<sup>2</sup>)  
PP-Pocket Penetrometer (kN/m<sup>2</sup>)  
MP-Mackintosh Probe (N150)

**Logged by:** CG**Figure:** B

**RSK**

GROUP PLC

**STATS****BOREHOLE RECORD  
(Window Sampler)****Borehole  
Number:****Site:**

Fitzroy Farm

**Location:**

Fitzroy Park, London

**WS8****Client:**

GCL Associates

**Ground Level:**

84.08mAOD

**Dates:**

21 Apr 10

**Job No.:**

241529

**GROUND WATER****SAMPLES/TESTS****STRATA RECORD**

Sheet 1 of 1

Strike	Well	Depth (m)	Type/Depth (m)	In-situ Tests	Depth (m)	Level (mAOD)	Key	Description
					0.60	83.48	0.60	MADE GROUND: Grass over orangey-brown slightly sandy slightly gravelly reworked clay with fragments of flint and brick.
	1							Firm, becoming stiff, fissured brown mottled grey-green silty CLAY with roots. Selenite crystals (sand sized aggregates up to large single crystals), occasional carbonate nodules and iron oxide precipitates present sporadically throughout. (WEATHERED LONDON CLAY FORMATION).
	2							
	3							
	4							

**Remarks and Water Observations**

No perched water seepage or groundwater strikes encountered during the site works. Hole dry on completion. Hole left open and remained dry for 7 days. Hole backfilled.

End of Borehole at 5.00 m

**Scale:**

1:25

**Key for Insitu tests**HV-Hand Vane (kN/m<sup>2</sup>)PP-Pocket Penetrometer (kN/m<sup>2</sup>)

MP-Mackintosh Probe (N150)

**Logged by:** CG**Figure:** B



**RSK**

GROUP PLC

**STATS****BOREHOLE RECORD  
(Window Sampler)****Borehole  
Number:****Site:**  
Fitzroy Farm**Location:**  
Fitzroy Park, London**WS9****Client:**  
GCL Associates**Ground Level:**  
82.10mAOD**Dates:**  
21 Apr 10**Job No.:**  
241529**GROUND WATER****SAMPLES/TESTS****STRATA RECORD**

Sheet 1 of 1

Strike	Well	Depth (m)	Type/Depth (m)	In-situ Tests	Depth (m)	Level (mAOD)	Key	Description
					0.20	81.90	0.20	TOPSOIL: Grass over brown sandy slightly gravelly clay with roots and flint.
					1.00	81.10	0.80	MADE GROUND: Dark-brown and black sandy gravelly clay with occasional brick cobbles. Gravel of brick, concrete, flint and occasional fragments of glass, tile, slate charcoal and occasional fine coal/clinker-type material. Grey plastic pipe in shingle service corridor at 0.25m bgl.
					1.40	80.70	0.40	MADE GROUND: Soft, becoming firm, brown mottled slightly sandy slightly gravelly reworked clay with occasional fine brick fragments.
								Firm, becoming stiff, fissured brown mottled grey-green silty CLAY with roots. Selenite crystals (sand sized aggregates up to large single crystals), occasional carbonate nodules and iron oxide precipitates present sporadically throughout. (WEATHERED LONDON CLAY FORMATION).
								...thin laminae of oxidized fine sand between 3.8m and 4.5m
								...brown silty clay with no mottling

**Remarks and Water Observations**

No perched water seepage or groundwater strikes encountered during the site works. Hole dry on completion. Hole backfilled.

End of Borehole at 5.00 m

**Scale:** 1:25**Key for Insitu tests**

HV-Hand Vane (kN/m<sup>2</sup>)  
PP-Pocket Penetrometer (kN/m<sup>2</sup>)  
MP-Mackintosh Probe (N150)

**Logged by:** CG**Figure:** B



**BOREHOLE RECORD  
(Window Sampler)**
**Borehole  
Number:**
**WS10**
**Site:**  
 Fitzroy Farm

**Location:**  
 Fitzroy Park, London

**Client:**  
 GCL Associates

**Ground Level:**  
 81.45mAOD

**Dates:**  
 22 Apr 10

**Job No.:**  
 241529

**GROUND WATER**
**SAMPLES/TESTS**
**STRATA RECORD**

Sheet 1 of 1

Strike	Well	Depth (m)	Type/Depth (m)	In-situ Tests	Depth (m)	Level (mAOD)	Key	Description
					0.08	81.37	0.08	MADE GROUND: Tarmaced tennis court surface.
					0.19	81.26	0.11	MADE GROUND: Gravel of coarse angular limestone fragments.
								MADE GROUND: Dark-grey very silty gravelly sand with fragments of concrete, brick and flint with occasional fragments of wood, glass, slate and bone.
					1.28	80.17	1.09	MADE GROUND: Friable brown silty clay with roots and fragments of brick and clay tile and rare coal.
					1.70	79.75	0.42	POSSIBLE MADE GROUND: Black and brown organic very sandy slightly gravelly clay. Gravel of fine rounded to subangular flint with plant fragments and possible fine brick/pottery fragments. (POSSIBLE REWORKED / DISTURBED ALLUVIUM).
					2.30	79.15	0.60	POSSIBLE MADE GROUND: Orangey-brown clay with possible fine brick fragments.
					2.50	78.95	0.20	Grey mottled black organic silt with root traces / plant fragments. (PRESUMED NATURAL ALLUVIUM).
					3.00	78.45	0.50	NO RECOVERY
					3.50	77.95	0.50	Soft becoming firm fissured brown mottled grey-green silty CLAY. (WEATHERED LONDON CLAY FORMATION).
					4.00	77.45	0.50	NO RECOVERY

**Remarks and Water Observations**

No perched water observed within Made Ground. 1.2m inspection pit left open overnight; no water accumulation. Groundwater strike at 1.7m bgl, rising to 1.4m bgl. Monitoring standpipe installed.

End of Borehole at 5.00 m

**Scale:** 1:25

**Key for Insitu tests**

HV-Hand Vane (kN/m<sup>2</sup>)  
 PP-Pocket Penotometer (kN/m<sup>2</sup>)  
 MP-Mackintosh Probe (N150)

**Logged by:** CG

**Figure:** B



**RSK**

GROUP PLC

**STATS****BOREHOLE RECORD  
(Window Sampler)****Borehole  
Number:****Site:**  
Fitzroy Farm**Location:**  
Fitzroy Park, London**WS11****Client:**  
GCL Associates**Ground Level:**  
81.62mAOD**Dates:**  
22 Apr 10**Job No.:**  
241529**GROUND WATER****SAMPLES/TESTS****STRATA RECORD**

Sheet 1 of 1

Strike	Well	Depth (m)	Type/Depth (m)	In-situ Tests	Depth (m)	Level (mAOD)		Key	Description
					0.08	81.54	0.08		MADE GROUND: Tarmaced tennis court surface.
					0.19	81.43	0.11		MADE GROUND: Gravel of coarse angular limestone fragments.
					0.60	81.02	0.41		MADE GROUND: Dark brownish-grey sandy slightly gravelly clay with roots and fragments of brick, flint and occasional glass and coal/clinker-type material.
					1.00	80.62	0.40		PRESUMED MADE GROUND: Soft black organic sandy slightly gravelly clay with rare red brick and clay tile fragments. (POSSIBLE REWORKED / DISTURBED ALLUVIUM).
					1.30	80.32	0.30		Soft black organic sandy silt with occasional fine flint and plant material. (PRESUMED NATURAL ALLUVIUM).
					1.70	79.92	0.40		Grey mottled black organic silt with root traces / plant fragments. (PRESUMED NATURAL ALLUVIUM).
									Soft, becoming firm, fissured brown mottled grey-green silty CLAY. (WEATHERED LONDON CLAY FORMATION).

**Remarks and Water Observations**

Seepage encountered at 1.0m bgl. Borehole cased to 2m during drilling. Borehole dry on completion. Monitoring standpipe installed.

End of Borehole at 5.00 m

**Scale:** 1:25

**Key for Insitu tests**  
 HV-Hand Vane (kN/m<sup>2</sup>)  
 PP-Pocket Penetrometer (kN/m<sup>2</sup>)  
 MP-Mackintosh Probe (N150)

**Logged by:** CG**Figure:** B



**BOREHOLE RECORD  
(Window Sampler)**
**Borehole  
Number:**
**Site:**  
 Fitzroy Farm

**Location:**  
 Fitzroy Park, London

**WS12**
**Client:**  
 GCL Associates

**Ground Level:**  
 81.69mAOD

**Dates:**  
 22 Apr 10

**Job No.:**  
 241529

**GROUND WATER**
**SAMPLES/TESTS**
**STRATA RECORD**

Sheet 1 of 1

Strike	Well	Depth (m)	Type/Depth (m)	In-situ Tests	Depth (m)	Level (mAOD)		Key	Description
					0.08	81.61	0.08		MADE GROUND: Tarmaced tennis court surface.
					0.19	81.50	0.11		MADE GROUND: Gravel of coarse angular limestone fragments.
									MADE GROUND: Dark-grey sandy slightly gravelly clay with fragments of brick, tile, slate, clay pipe and flint.
					1.00	80.69	0.81		Brown and black sandy slightly gravelly clay with occasional fine flint. (POSSIBLE REWORKED / DISTURBED ALLUVIUM).
					1.30	80.39	0.30		Black organic sandy silt with occasional fine flint and possible fine brick / pot fragments. (POSSIBLE REWORKED / DISTURBED ALLUVIUM).
					1.45	80.24	0.15		
					1.75	79.94	0.30		Brown and green mottled slightly gravelly silt with fine flint and clay tile fragments. (POSSIBLE REWORKED / DISTURBED ALLUVIUM).
					1.90	79.79	0.15		
					2.20	79.49	0.30		Black organic sandy silt with occasional fine flint and metal and pottery fragments and large fragments of glazed clay pipe. (POSSIBLE REWORKED / DISTURBED ALLUVIUM).
									Soft grey mottled black organic slightly gravelly silt with fine flint and plant fragments. (PRESUMED NATURAL ALLUVIUM).
									Soft becoming firm greeny-grey slightly sandy slightly gravelly silt. Gravel of fine rounded to subangular flint. Locally stained orange and black and cemented with iron oxides. (PRESUMED NATURAL ALLUVIUM).
					3.80	77.89	1.60		Soft becoming firm fissured brown mottled greyey-green silty CLAY. (WEATHERED LONDON CLAY FORMATION).

**Remarks and Water Observations**

Seepage encountered at 1.0m bgl. Borehole cased to 2m during drilling. Seepage encountered. Monitoring standpipe installed.

End of Borehole at 5.00 m

**Scale:** 1:25

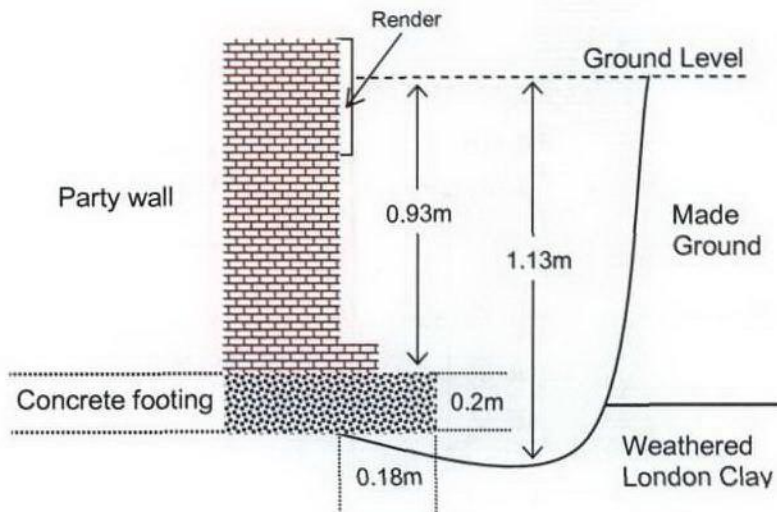
**Key for Insitu tests**

 HV-Hand Vane (kN/m<sup>2</sup>)  
 PP-Pocket Penotometer (kN/m<sup>2</sup>)  
 MP-Mackintosh Probe (N150)

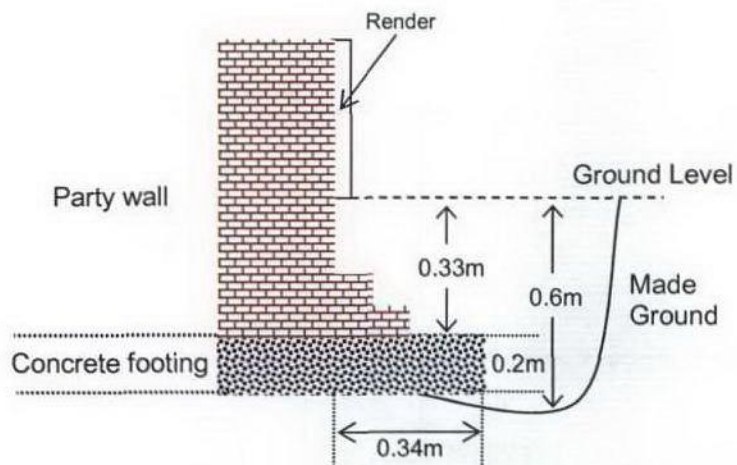
**Logged by:** CG

**Figure:** B

### TP1 Cross Section

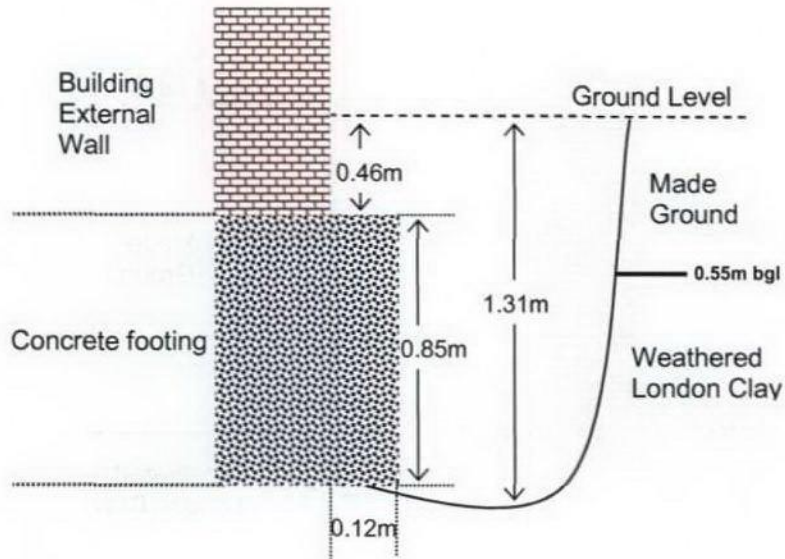


### TP2 Cross Section

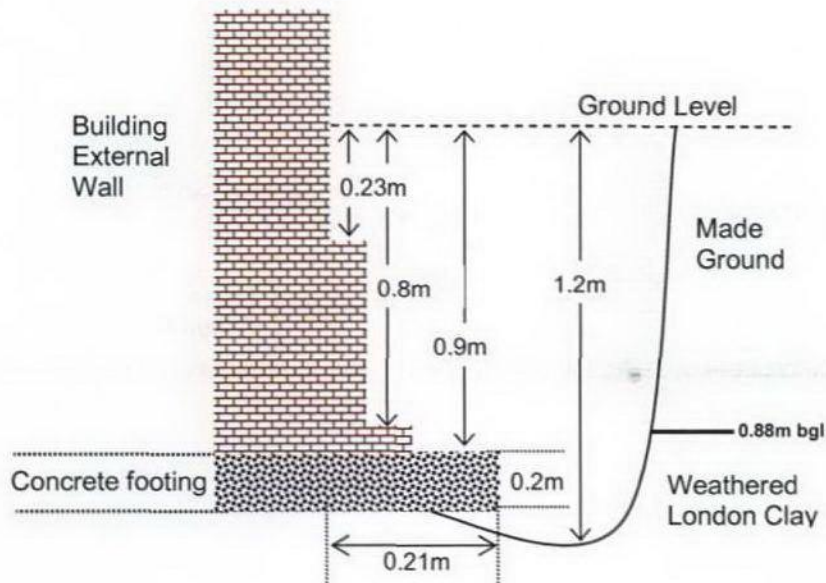




### TP3 Cross Section

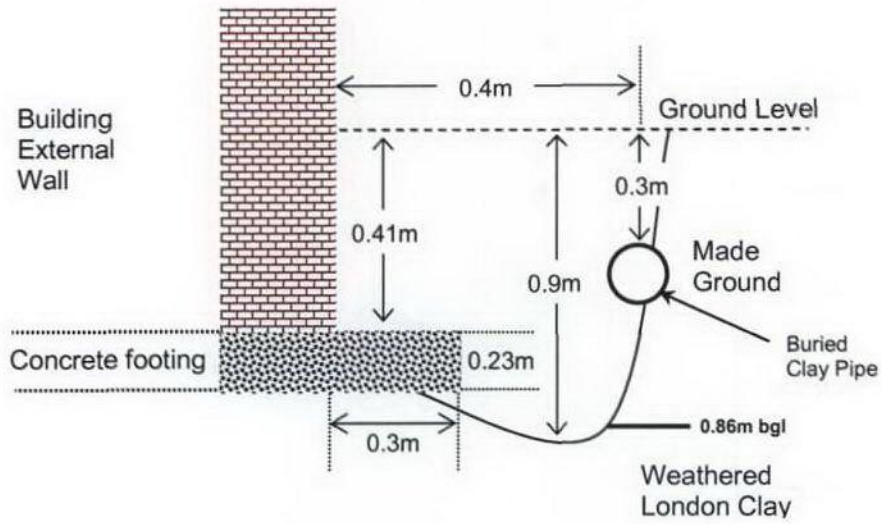


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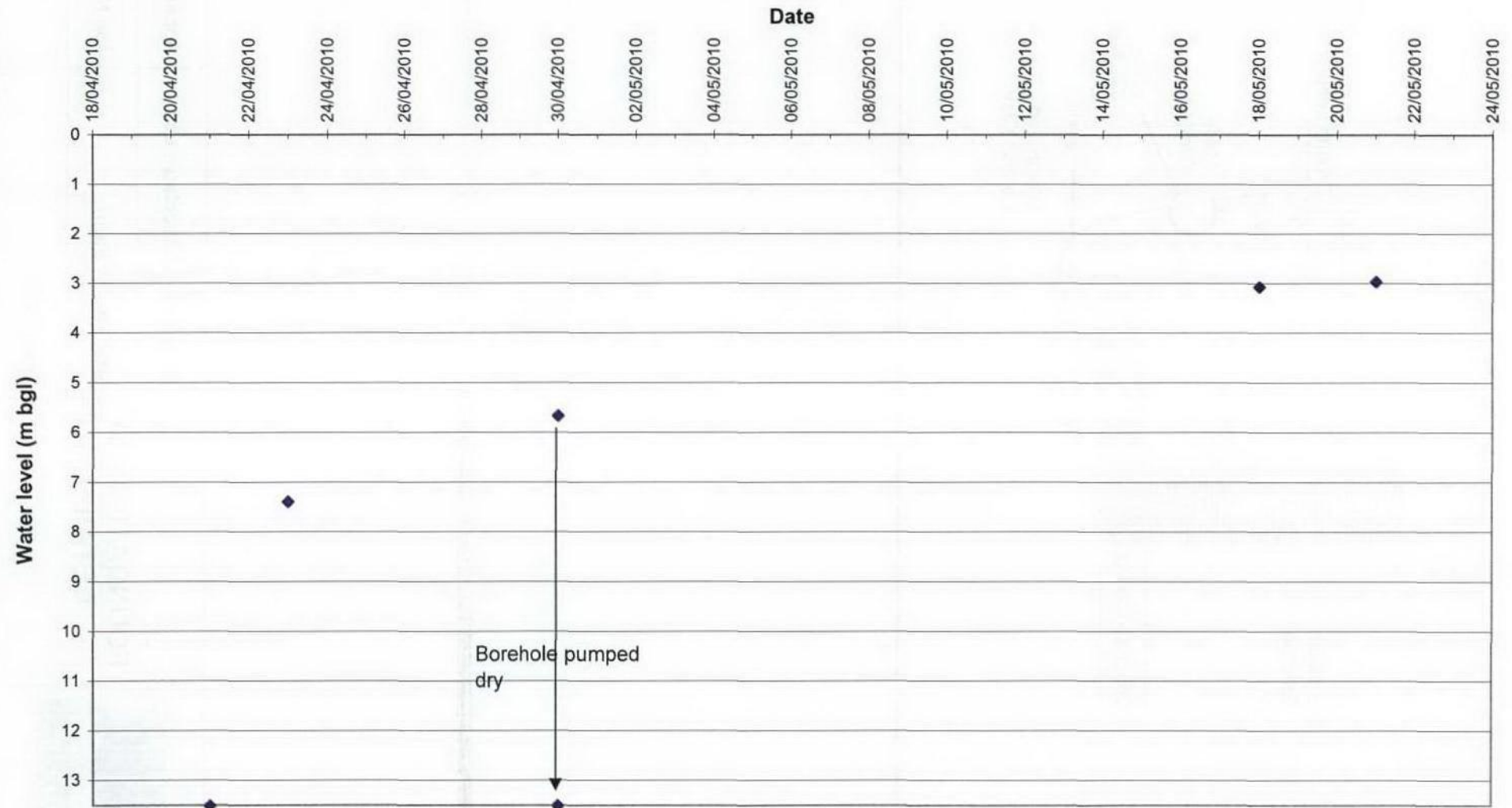




### TP5 Cross Section

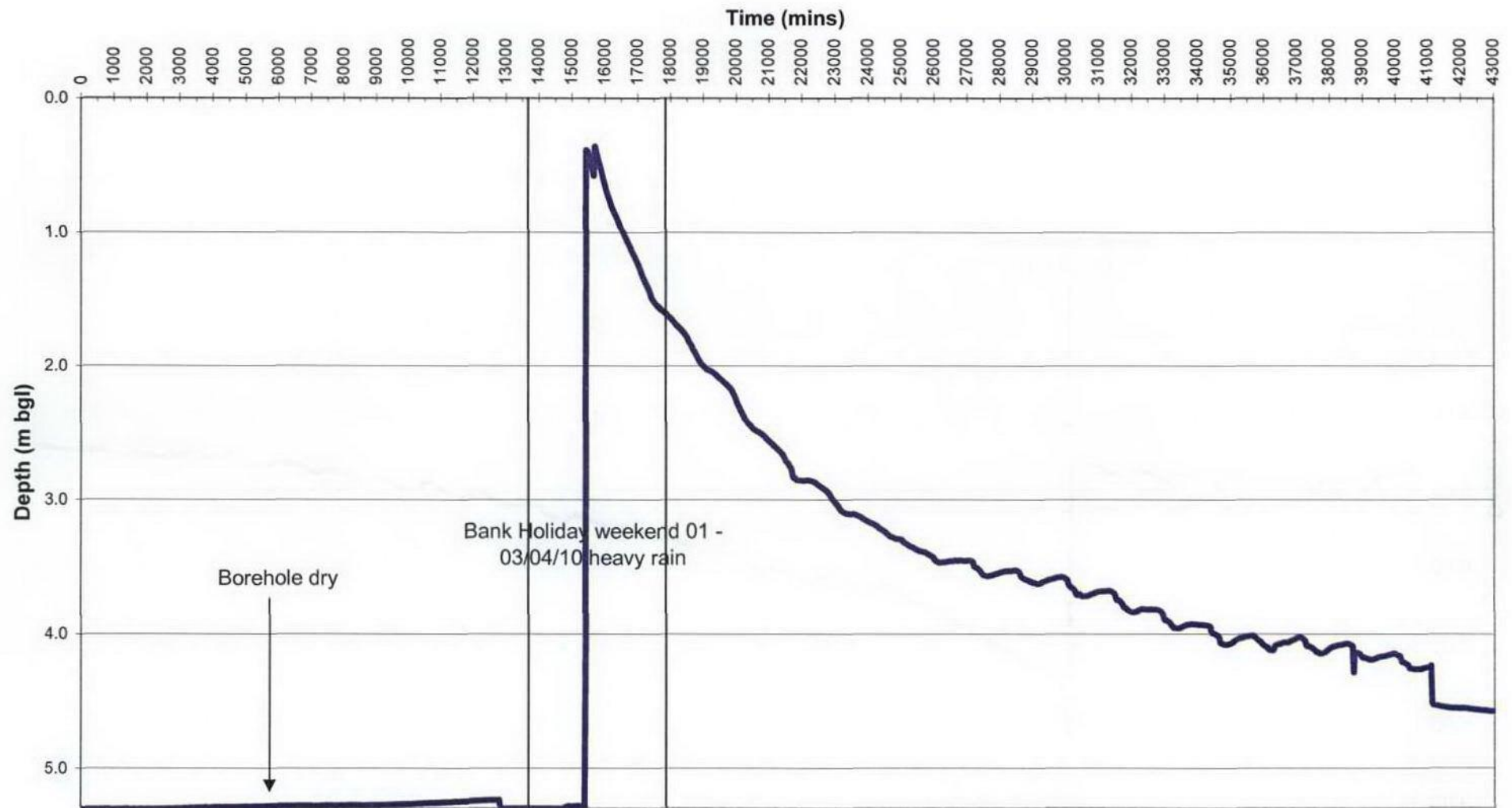


# BH1

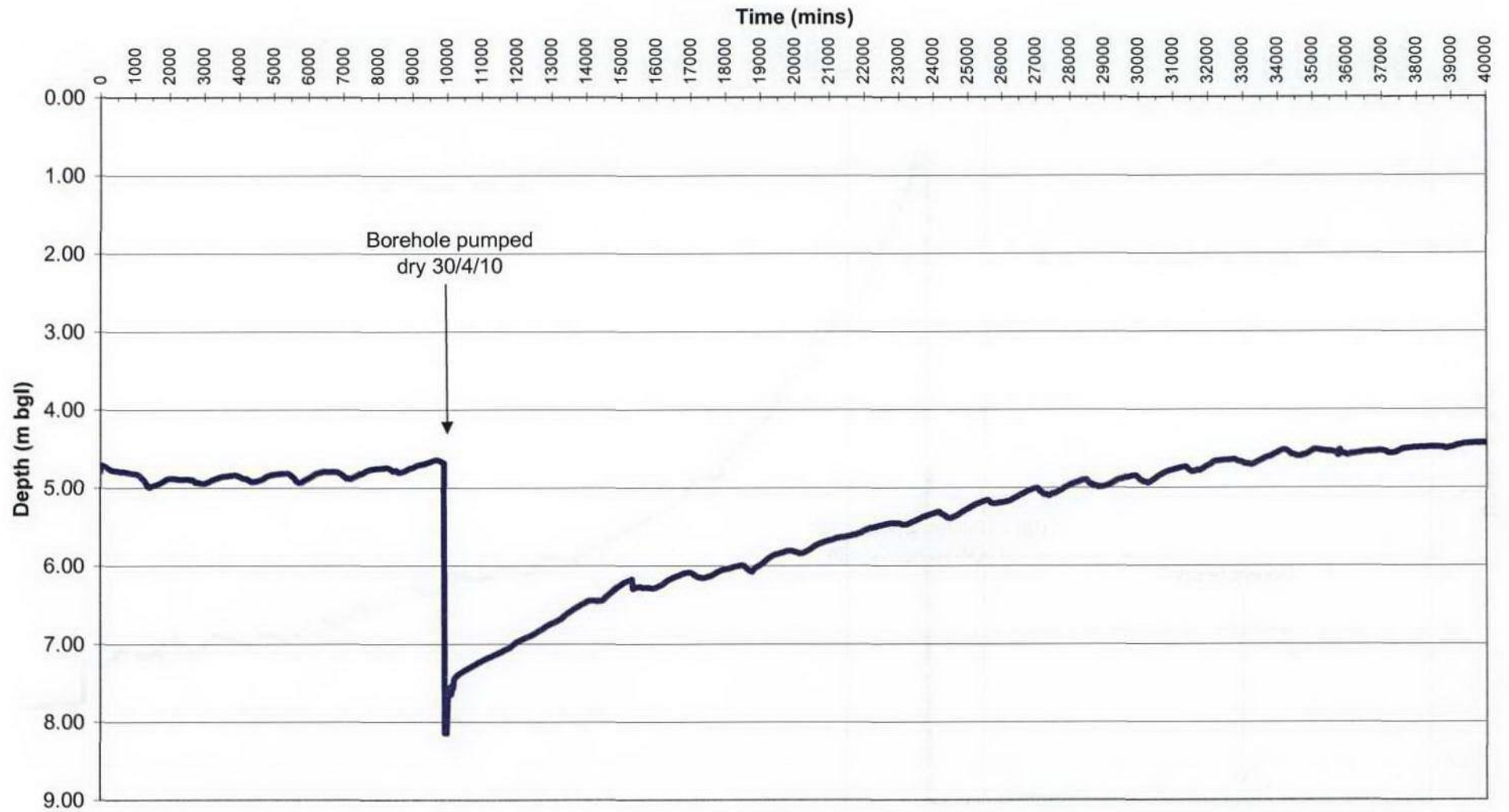




## BH2

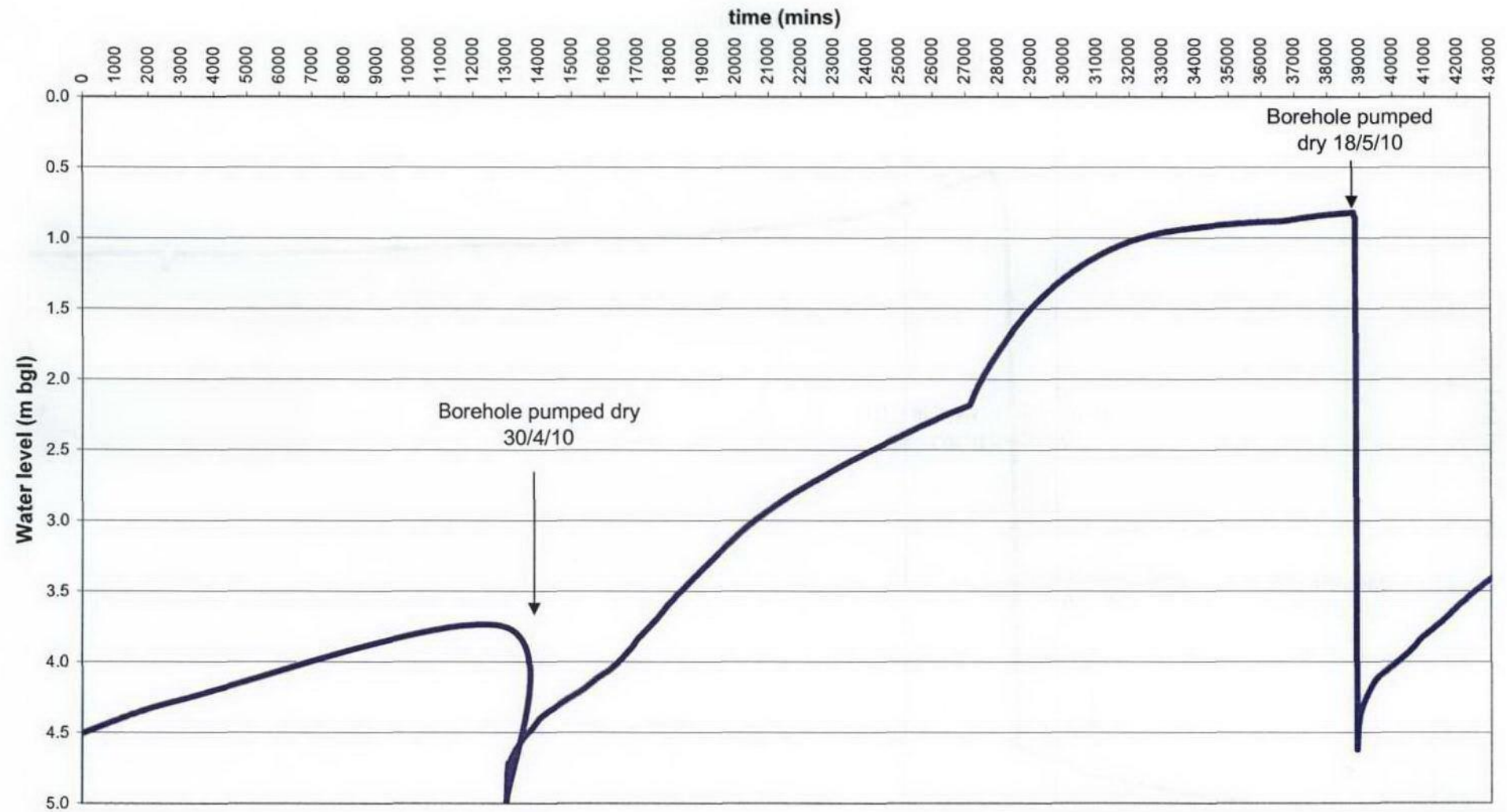


### BH3





## WS2



# WS3

