

178 BEARWOOD ROAD,
WOKINGHAM

Soakaway Testing

Testing is accurate at the time and place of testing. No responsibility can be taken for variations in ground conditions beyond the locations of tests undertaken.

Contents

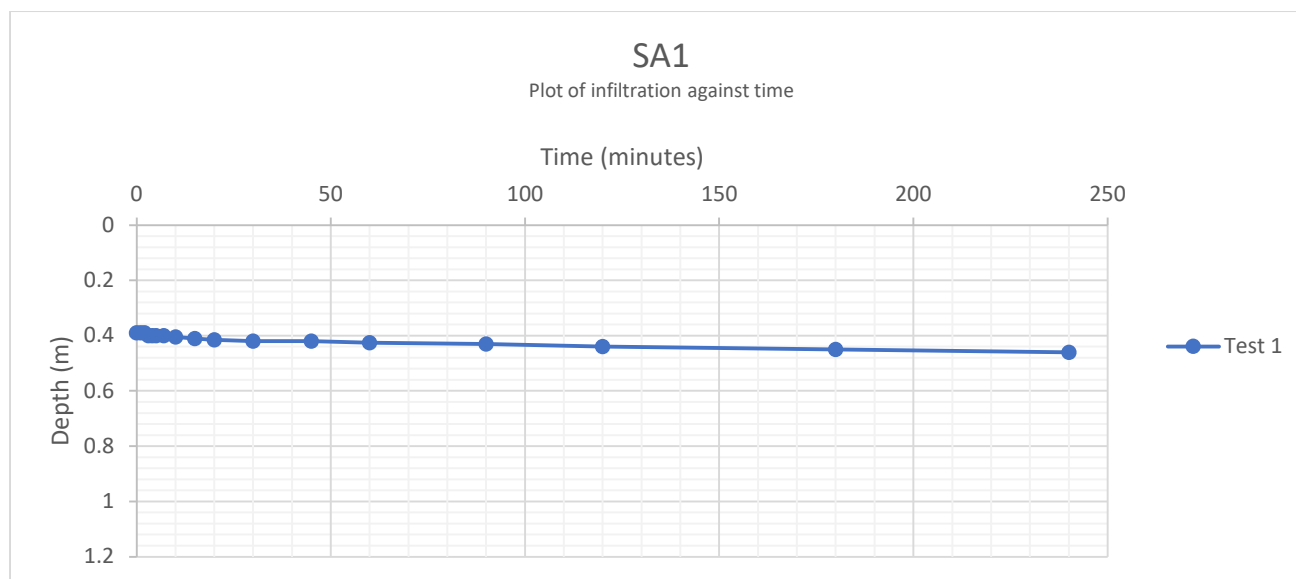
Pg, 1 - 2	Soakaway Test Graphs
Pg, 3 - 5	Soakaway Photo Plates

Testing and report completed by

Steven Philp BSc Hons, CRWM, M.I Soil Sci
Ground Testing Ltd

Report Number 1315

Testing undertaken on behalf of Artel31



	Test 1 (14.01.26)	Test 2	Test 3
	●	●	●
Total pit depth at start of test (m)	1.19	-	-
Total pit depth at end of test (m)	1.19	-	-
Effective Depth, D_e (m)	0.80	-	-
Effective Storage Volume, V_{p75-25} (m ³)	0.16	-	-
Surface Area, a_{p50} (m ²)	1.64	-	-
Time, t_{p75-25} (seconds)	NA	-	-
Infiltration rate, f (m/s)	NA	-	-

Depth	Soil Description
0.00 – 0.35m	Dark brown sandy gravelly CLAY many roots and rootlets (TOPSOIL)
0.35 – 1.19m	Dark brown sandy gravelly CLAY

Notes:

Ingress of water at the base.

Weather was sunny.

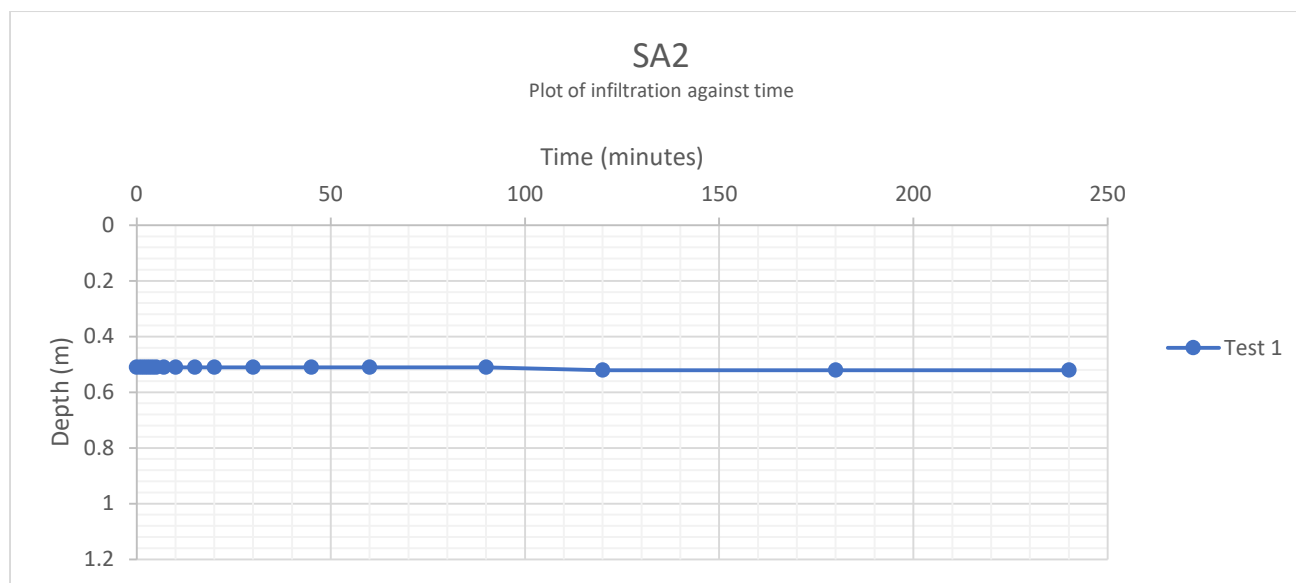
Pit was dug with a 8T Excavator.

Pit was filled using a 1000Ltr bowser.

Pit dimensions: **L 1.35m x W 0.33m x D 1.20m**

NGR: **SU 78370 68606**

Unable to calculate an infiltration rate due to insufficient drainage.



	Test 1 (14.01.26)	Test 2	Test 3
	●	●	●
Total pit depth at start of test (m)	1.20	-	-
Total pit depth at end of test (m)	1.20	-	-
Effective Depth, D_e (m)	0.69	-	-
Effective Storage Volume, V_{p75-25} (m ³)	0.15	-	-
Surface Area, a_{p50} (m ²)	1.60	-	-
Time, t_{p75-25} (seconds)	NA	-	-
Infiltration rate, f (m/s)	NA	-	-

Depth	Soil Description
0.00 – 0.45m	Dark brown sandy gravelly CLAY many roots and rootlets (TOPSOIL)
0.45 – 1.20m	Dark brown sandy gravelly CLAY

Notes:

Ingress of water at the base.

Weather was sunny.

Pit was dug with a 8T Excavator.

Pit was filled using a 1000Ltr bowser.

Pit dimensions: **L 1.35m x W 0.33m x D 1.20m**

NGR: **SU 78361 68606**

Unable to calculate an infiltration rate due to insufficient drainage.



Comment SA1	Project 178 Bearwood Road, Wokingham
	Photo Plate 1
	Date 14/01/26
	Originator S.Philp
	 GROUND TESTING LTD Ground Testing Ltd ask@groundtesting.co.uk www.groundtesting.co.uk VAT: 332931414 Reg: 12200980



Comment SA2	Project 178 Bearwood Road, Wokingham
	Photo Plate 2
	Date 14/01/26
	Originator S.Philp
	 GROUND TESTING LTD Ground Testing Ltd ask@groundtesting.co.uk www.groundtesting.co.uk VAT: 332931414 Reg: 12200980



Comment Ground Water Pit NGR: SU 78375 68602 Ingress of water from 0.8m to 2.2m 0.00 - 0.45m Dark brown sandy gravelly CLAY many rootlets and roots.(TOPSOIL) 0.45 - 0.8m Dark greyish brown sandy gravelly CLAY 0.8 - 2.2m Orangish brown very sandy very gravelly CLAY.	Project 178 Bearwood Road, Wokingham
	Photo Plate 3
	Date 14/01/26
	Originator S.Philp
	 Ground Testing Ltd ask@groundtesting.co.uk www.groundtesting.co.uk VAT: 332931414 Reg: 12200980