BRITISH GEOLOGICAL SURVEY
LOCAR

BOREHOLE/PIEZOMETER COMPLETION INFORMATION

LOCAR No.: PL#11 F **Wellmaster No.:** SU57/232 **SOBI No.:** SU57SW105

Location : FRILSHAM MEADOW
NGR : 4538 1739
OD Levels :
at top manhole cover (m OD)
at top casing (m OD)
other (specify) (m OD)

Drilling Company : BDF
Driller : D.NIXON / A.MASSEY
Date Drilling Commenced : 26.7.02
Date Drilling Completed : 31.7.02
Date Borehole Completed : 29.8.02
BGS/WMC Supervisor : COBBING / WHITEHEAD / NEUMANN

Borehole Construction Details		**Construction Materials**	
Bottom of borehole (as drilled)	41.7 m bgl	Casing material:	Surface casing plastic
Borehole diameter	(7 5/8") 190 mm	Screen material:	
[illegible] of backfill (in base of borehole)	m bgl	Slot size:	1 mm
Bottom of piezometer*	1) 40 2) 14.1 m bgl	Screen/casing diameter:	mm
Bottom of screen*	1) 34 2) 14.1 m bgl	Backfill material:	
Top of screen*	1) 33 2) 13.1 m bgl	Filter pack material:	Limestone chips (6mm)
Top of filter pack†	1) 32.6 2) 12.7 m bgl	Seal material:	
Top of seal†	1) 32 2) 12.1 m bgl	Grout material:	
Top of grout†	m bgl		
* Measurement based on total length of pipe. † Measured with a weighted tape measure			

Surface Completion Flange plate installed 0.90 m a.g.l.

Type (circle one): ~~A (small)~~ ~~B~~ C ~~D~~

Height of top of manhole cover above ground level: ~~m~~
Top of casing below top of manhole cover: ~~m~~

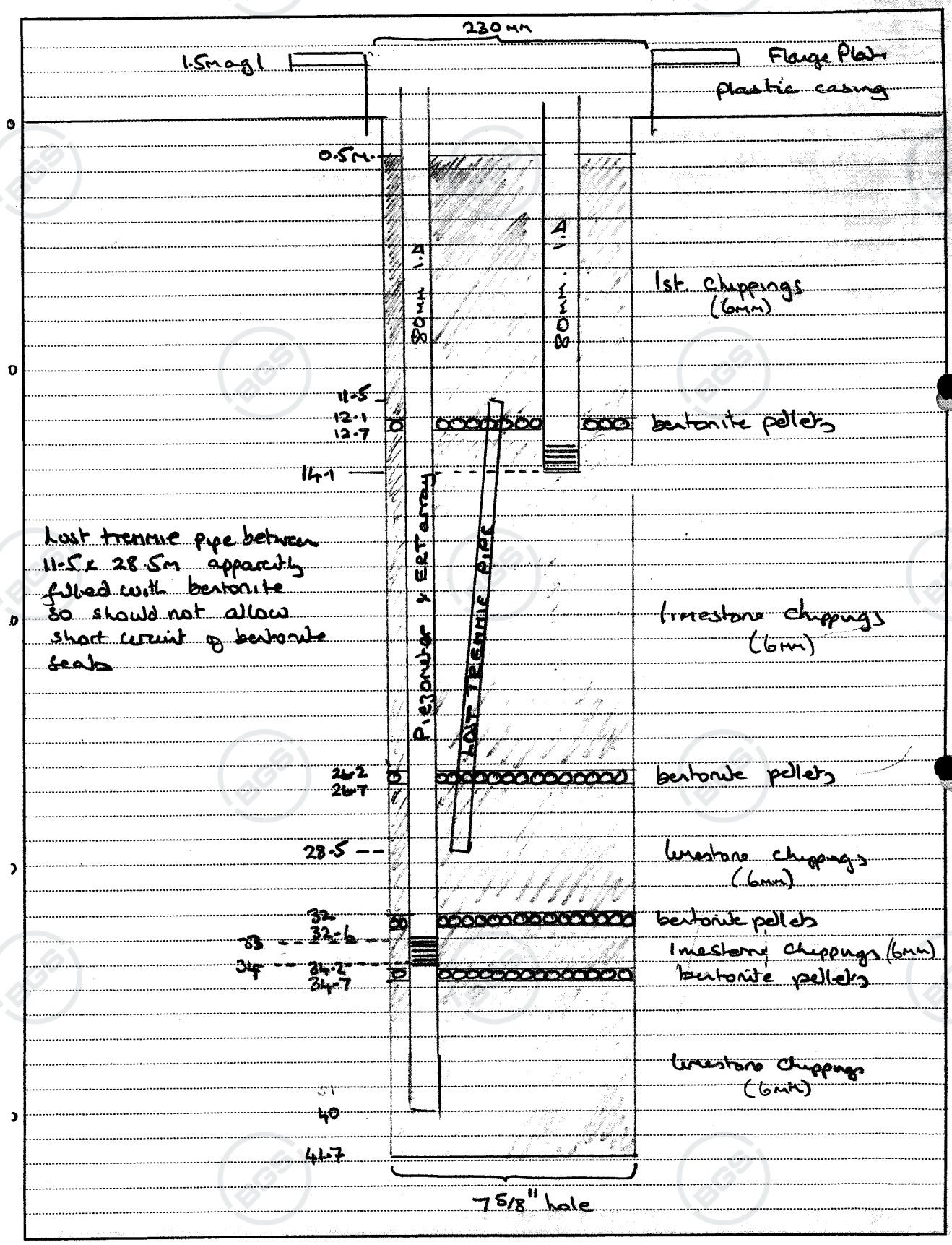
[illegible]tes:

ERT array:

40 electrodes @ 1m spacing
electrode 1 @ 40.00 mbgl
electrode 40 @ 1.27 mbgl

BOREHOLE CONSTRUCTION DIAGRAM ON REVERSE

BOREHOLE CONSTRUCTION DIAGRAM



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British Geological Survey

Project	LOCAR
Locality Name	
Borehole/Well No.	PL 11F
Sheet	1 of 1
Start date	27/7/02
End date	28/7/02
Casing diameter	
NGR/lat & long	
Drilling method	WATER FLUSH
Equipment	8" ROCK ROLLER BIT
Other tests	
Borehole diameter	
Logged by	CRJ (16/8/02)
Scale:	VARIABLE
Orientation	
Ground level	

Depth (m)AL/ from to	Sample/core recovery: Type / TCR	No / SCR	RQD	Fracture spacing (min/mean/max measurement)	SPT blows /N	Core size (mm)	Description of strata to BS5930:1999 with additional information	Depth (thickness) (m)	Level m OD	Legend	Sed. structures/ fractures	Grain size (Carbonates F M C; Av gn size. F F M C G)
0							(0-1m) Dark brown clayey soil containing some white chalk sand (<5%)					
1							(1-2m) Flint gravel (0.5->2cm) and soil (<10%)					
2							(2-3m) Flint gravel (0.5->2cm)					
3							(3-8m) Chalk sand, white, containing ~30% flint sand (1mm)					
8							(8-36m) Chalk sand, white, containing 2mm flint sand (~30%) approx 50-200g of cuttings recovered per metre.					
36							(36-39m) white CHALK silt. Minimal recovery of cuttings. <10g per m.					
39												

Comments: LOGGED DRILL CUTTINGS BAGGED AT 1m INTERVALS.