



Equipment & methods LIGIT CABLE PERCUSSION		Record of BOREHOLE 1	
Boring diameter (mm) 150	Grid Reference NN 838 092	(Sheet 1 of 1)	
Casing diameter (mm) 150 to 9.70m	Date 5 - 6 March 1990	Ground level (m.O.D.) 107.07	

Description	Reduced Level m.O.D.	Legend	Depth & Thickness (m)	Samples/Tests	
				Depth (m)	Type
TOPSOIL	106.87		0.20		
Fairly compact brown slightly clayey silty fine to coarse SAND and fine to coarse sub-angular to sub-rounded GRAVEL, with cobbles and roots	106.47		(0.40) 0.60	0.30 - 0.60	B
Dense dark brown clayey very sandy fine to coarse sub-rounded to rounded GRAVEL with occasional cobbles (ALLUVIUM)	104.67		(1.80)	1.00 - 2.00	B
				1.15 - 1.45	C (38)
				2.00 - 2.40	B
				2.15 - 2.45	C (48)
Dense slightly mottled brown clayey very sandy predominantly coarse sub-rounded to rounded GRAVEL, with many cobbles and occasional boulders (ALLUVIUM)	102.07		(2.60)	3.00	W
				3.00 - 4.00	B
				3.15 - 3.375	C (60)
				4.00 - 5.00	B
				4.15 - 4.45	C (37)
Medium dense mottled brown coarse SAND and fine to coarse sub-rounded to rounded GRAVEL (ALLUVIUM)	100.67		(1.40)	5.15 - 5.45	C (28)
				6.00	D
Dense brown slightly silty very sandy fine to coarse sub-rounded to rounded GRAVEL (ALLUVIUM)	99.12		(1.55)	6.50 - 7.00	B
				6.65 - 6.95	C (32)
				7.50	D
				7.95	
Dense reddish brown fine to coarse angular sandstone GRAVEL, with pockets of very clayey mainly fine sand (decomposed SANDSTONE)	98.77		8.30	8.00 - 8.30	B
				8.15 - 8.45	C (34)
Moderately weak broken slightly weathered red and yellow-brown fine and medium-grained SANDSTONE	97.07		10.00	9.50	D

Sample/Test Key

D Disturbed Sample
B Bulk Sample
W Water Sample
U Undisturbed Sample (No. of blows)
P Piston Sample
SI Standard penetration test (N value)
CI Cone penetration test (N value)
V Vane Test

Remarks: Scale 1:50

END OF BOREHOLE

Groundwater struck at 2.40m, with casing at 2.40m; did not rise and was not sealed off.

Level at start of shift, 6/3/90, was 2.50m below surface.

Levels on completion and after removal of casing were 3.00 and 2.00m respectively below surface.

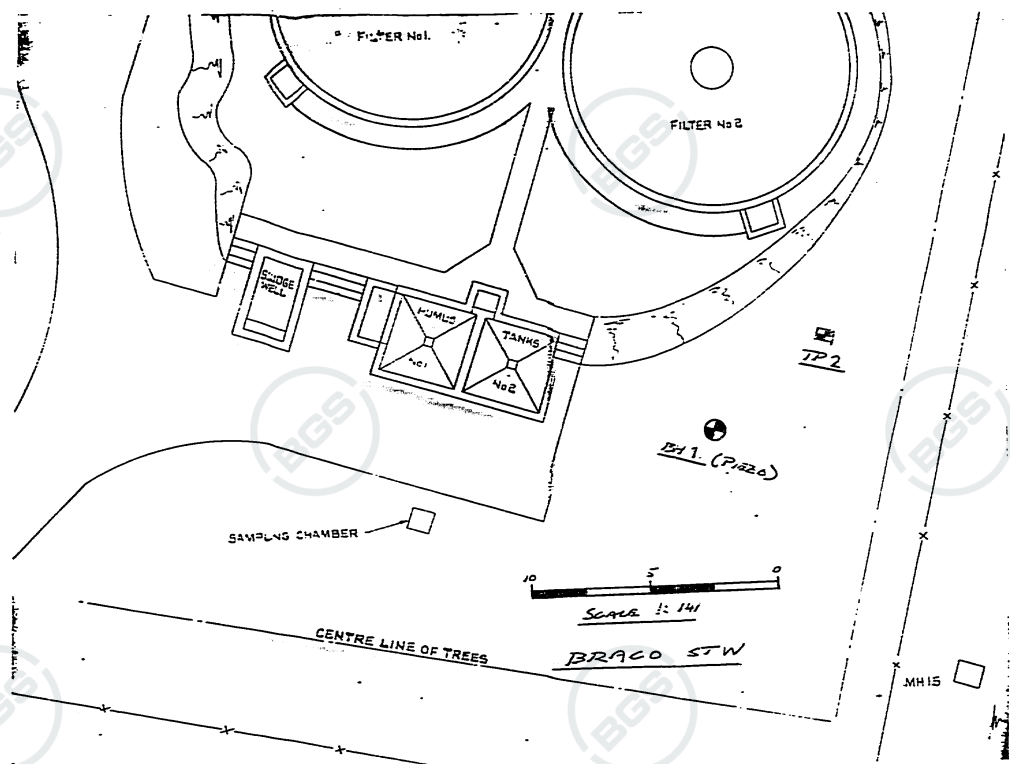
Standpipe piezometer installed at 3.30m depth.

STATS Location
SEWAGE TREATMENT WORKS, BRACO

Carried out for
TAYSIDE REGIONAL COUNCIL

Job No.
4317

Fig.
B1



SITE PLAN showing borehole and trial pit locations

Job No 4317
Figure A2

STATS