Norwest Holst Soil Engineering Ltd.

Borehole No. **4**

BOREHOLE LOG

SK46SE 162

Contract No. F3991
Location Whitebrough Reservoir
Client S.T.W.A.
Method of Boring Percussion
Diameter of Borehole 0.15m

Sheet 1 of 1
Chainage 4548 6065
Ground Level 204.65 m.A.O.D.
Date 10.8.78

Description of Strata	Legend	Depth Below G.L.(m)	O.D. Level (m)	Casing Depth at Sampling	Sampling and Coring	"N"/ R.Q.D.%	Daily Progress
Sandy TOPSOIL		0.25	204.4				
Stiff red/brown sandy CLAY grading to weathered limestone		1.70	203.0		0.75		
Highly weathered & fractured yellow brick dolomitic LIMESTONE with clayey partings (LOWER MAGNESIAN LIMESTONE)		5.00	199.7		1.75 2.45 4.00	44 58 94for 300mm	
Weathered pale brown dolomitic LIMESTONE with a sandy texture (LOWER MAGNESIAN LIMESTONE)		5.50	199.2		5.00	50for 50mm	

Type of Sample

Is S.P.T. ■ Undisturbed
Ic. C.P.T. × Vane
O Jar △ Water
● Bulk ▣ Piezometer

Remarks (Observations of Ground Water etc.)

BH dry
Chiselled from 1.70m to 5.00m for 2 hrs
" " 5.00m to 5.50m for 1 hr

Water levels are subject to seasonal or tidal variations and should not be taken as constant

SK46SE 162

Norwest Holst Soil Engineering Ltd.

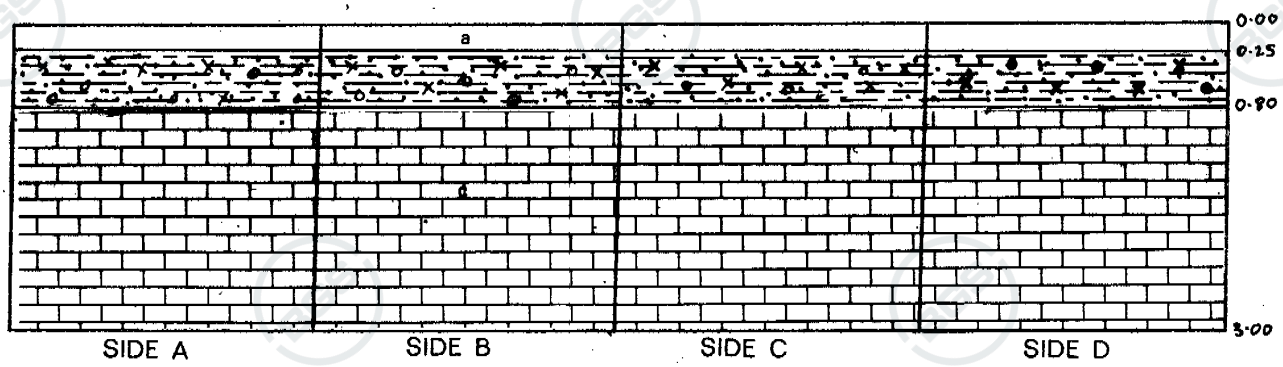
Trial Pit No. **2**

TRIAL PIT LOG

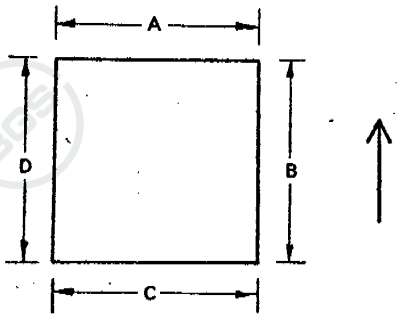
+BM4.

Contract No. F3991
Location Whiteborough Res.
Client Severn Trent W.A.
Excavation Plant Hymac 580C
Dimensions (l x b x h) (3 x 3 x 3.00m³)
Date 25.8.78

ELEVATIONS:—



PLAN (Not to scale)



SAMPLES

No. & Type	Depth m.
D	0.70
B	2.70

Groundwater: Dry
Pumping: None
Supports/Stability: Stable for 4 hrs

No.	Depth m.	STRATA DESCRIPTION
9	0.00 0.25	TOPSOIL with fine,medium and coarse,sub-angular to angular,fine to medium-grained, grey yellow,dolomite limestone gravel and occasional cobbles
b	0.25 0.80	Firm to stiff,friable, brown red, very sandy CLAY with fine, medium and coarse, sub-angular to angular,grey yellow, fine-grained, dolomite limestone and red, fine-grained sandstone gravel and cobbles, becoming disturbed,very weak,highly jointed highly weathered,very thinly bedded, red,fine-grained LIMESTONE
c	0.80 0.85	Moderately strong to moderately weak, highly jointed,moderately weathered,thinly bedded,light yellow,fine-grained,dolomite LIMESTONE (LOWER MAGNESIAN LIMESTONE)
c	0.85 0.98	Weak,highly jointed,highly weathered,very thinly bedded,red, fine-grained LIMESTONE with red,very sandy clay in some open joints, (LOWER MAGNESIAN LIMESTONE)