



Norwest Holst Soil Engineering Ltd.

Borehole No.

3

Contract No. F3991

Location Whitebrough Reservoir

Client S.T.W.A.

Method of Boring Percussion

Diameter of Borehole 0.15m

BOREHOLE LOG

SK46SE 161

Sheet 1 of 1

Chainage LISS 606.8

Ground Level 204.75 m.A.O.D.

Date 9.8.78

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		0.20	204.6				
Stiff red/brown friable silty sandy CLAY with angular limestone fragments					0.75 1.75		
Weathered pale brown dolomitic LIMESTONE with a sandy texture (LOWER MAGNESIAN LIMESTONE)		2.25	202.5		2.30 3.76	50 for 50mm	
		4.50	200.3				

Type of Sample

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

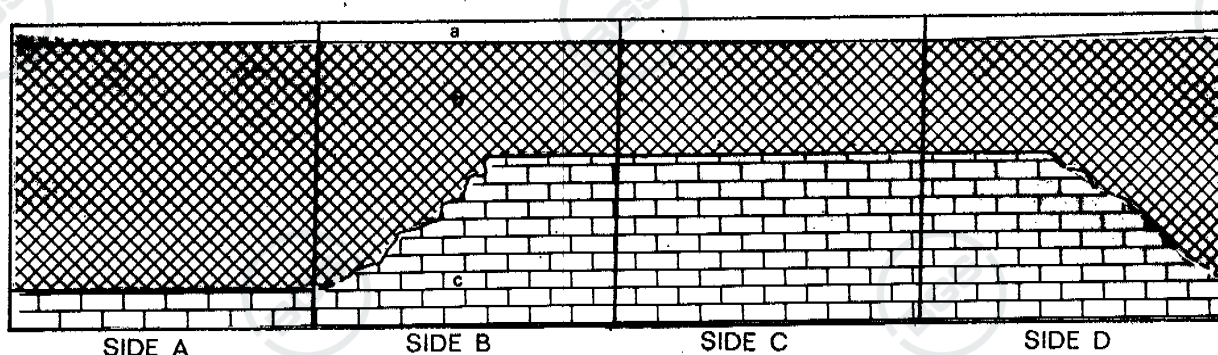
Remarks (Observations of Ground Water etc.)

BH dry
Chiselled for 3 hrs

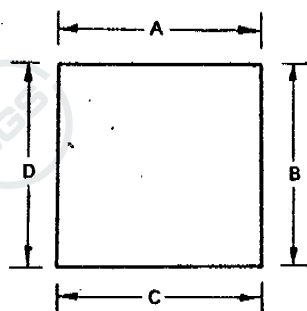
Water levels are subject to seasonal or tidal variations and should not be taken as constant

Norwest Holst Soil Engineering Ltd.		Trial Pit No. <div style="font-size: 1.5em; font-weight: bold; text-align: center;">3</div>
TRIAL PIT LOG		
Contract No. F3991		SK46SE/ + Bm3 161
Location Whiteborough Res.		
Client Severn Trent W.A.		
Excavation Plant Hymac 580C		
Dimensions (l x b x h) (3. x 3. x 2.60m ³)		Date 25.8.78

ELEVATIONS:—



PLAN (Not to scale)



SAMPLES

No. & Type	Depth m.
FACE A	
D	0.85
D	1.50
B	2.60

Groundwater: Dry
Pumping: None
Supports/Stability: Stable
for 3 hrs except
for slight collapse
below 1.50m from Side B

No.	Depth m.	STRATA DESCRIPTION (FACE A)
a	0.00	TOPSOIL with some fine, medium and coarse, sub-angular to angular, fine to medium-grained, grey yellow, dolomitic limestone gravel and occasional cobbles
	0.15	
b	0.15	MADEGROUND?: Stiff, friable, brown red, fine-medium sandy CLAY with fine, medium and coarse, sub-angular to angular, fine to medium-grained light yellow dolomitic limestone gravel, small and large (0.20m) cobbles
	0.80	
b	0.80	Stiff, brown, silty, fine sandy CLAY with fine and medium size coal, black bituminous shale and rare angular flint fragments
	0.95	