Norwest Holst Soil Engineering Ltd.

Borehole No. 3

BOREHOLE LOG

SK46SE 161

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 LSSI 6068
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		2.25	202.5		0.75 1.75 2.30	50for 50mm	
Weathered pale brown dolomitic LIMESTONE with a sandy texture (LOWER MAGNESIAN LIMESTONE)		4.50	200.3		3.76		

Type of Sample

Is S.P.T. ■ Undisturbed
Ic. C.P.T. × Vane
O Jar Δ 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

161

Norwest Holst Soil Engineering Ltd.

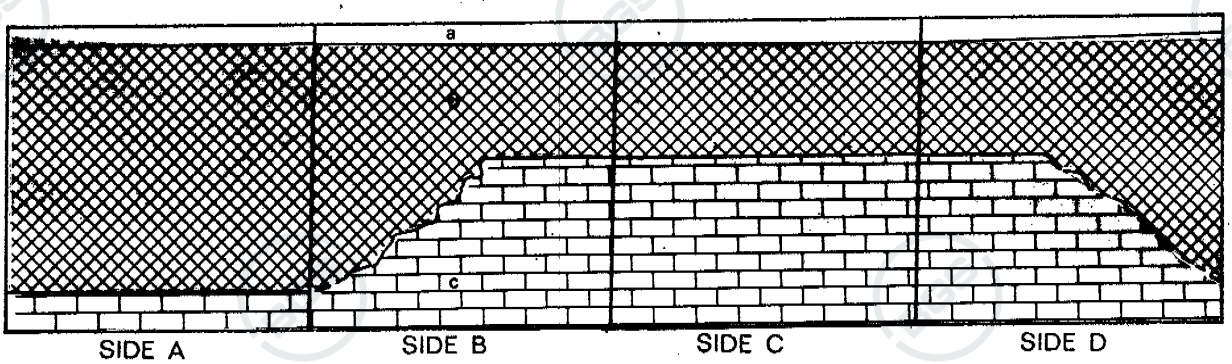
Trial Pit No. **3**

TRIAL PIT LOG

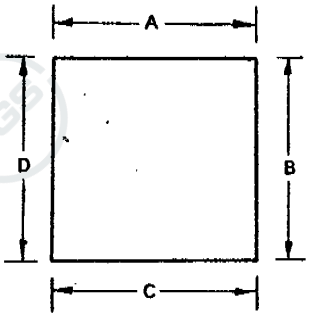
SK46SE/ +Bm3 161

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.2.60m³)
Date 25.8.78

ELEVATIONS:—



PLAN (Not to scale)



NNW

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.
a	0.00 - 0.15
b	0.15 - 0.80
b	0.80 - 0.95

STRATA DESCRIPTION (FACE A)

TOPSOIL with some fine,medium and coarse,sub-angular to angular, fine to medium-grained,grey yellow,dolomitic limestone gravel and occasional cobbles

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

Stiff,brown,silty,fine sandy CLAY with fine and medium size coal,black bituminous shale and rare angular flint fragments