



<h2 style="margin: 0;">Norwest Holst Soil Engineering Ltd.</h2>						Borehole No. 4	
<h3 style="margin: 0;">BOREHOLE LOG</h3>						SK46SE 162	
Contract No. <u>F3991</u>						Sheet <u>1</u> of <u>1</u>	
Location <u>Whitebrough Reservoir</u>						Chainage <u>4548 606S</u>	
Client <u>S.T.W.A.</u>						Ground Level <u>204.65</u> m.A.O.D.	
Method of Boring <u>Percussion</u>						Date <u>10.8.78</u>	
Diameter of Borehole <u>0.15m</u>							

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					0.75		
		1.70	203.0		1.75	44	
Highly weathered & fractured yellow brick dolomitic LIMESTONE with clayey partings (LOWER MAGNESIAN LIMESTONE)					2.45	58	
		5.00	199.7		4.00	94 for 300mm	
Weathered pale brown dolomitic LIMESTONE with a sandy texture (LOWER MAGNESIAN LIMESTONE)					5.00	50 for 50mm	
		5.50	199.2				

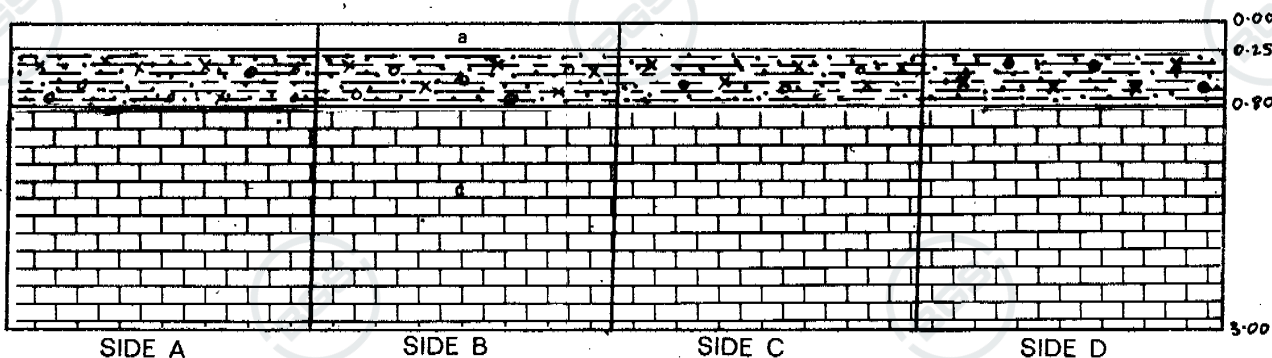
<p style="text-align: center;">Type of Sample</p> <p><input checked="" type="checkbox"/> S.P.T. <input type="checkbox"/> Undisturbed</p> <p><input checked="" type="checkbox"/> C.P.T. <input checked="" type="checkbox"/> Vane</p> <p><input type="checkbox"/> Jar <input type="checkbox"/> Water</p> <p><input checked="" type="checkbox"/> Bulk <input checked="" type="checkbox"/> Piezometer</p>	<p>Remarks (Observations of Ground Water etc.)</p> <p>BH dry</p> <p>Chiselled from 1.70m to 5.00m for 2 hrs</p> <p>" " 5.00m to 5.50m for 1 hr</p> <p style="font-size: small;">Water levels are subject to seasonal or tidal variations and should not be taken as constant</p>
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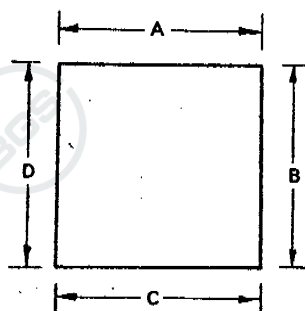
SK46SE 162

Norwest Holst Soil Engineering Ltd.		Trial Pit No. 2
TRIAL PIT LOG		
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 3.00m ³)		
Date 25.8.78		+BM4.

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)