FORM no. H.E. 443

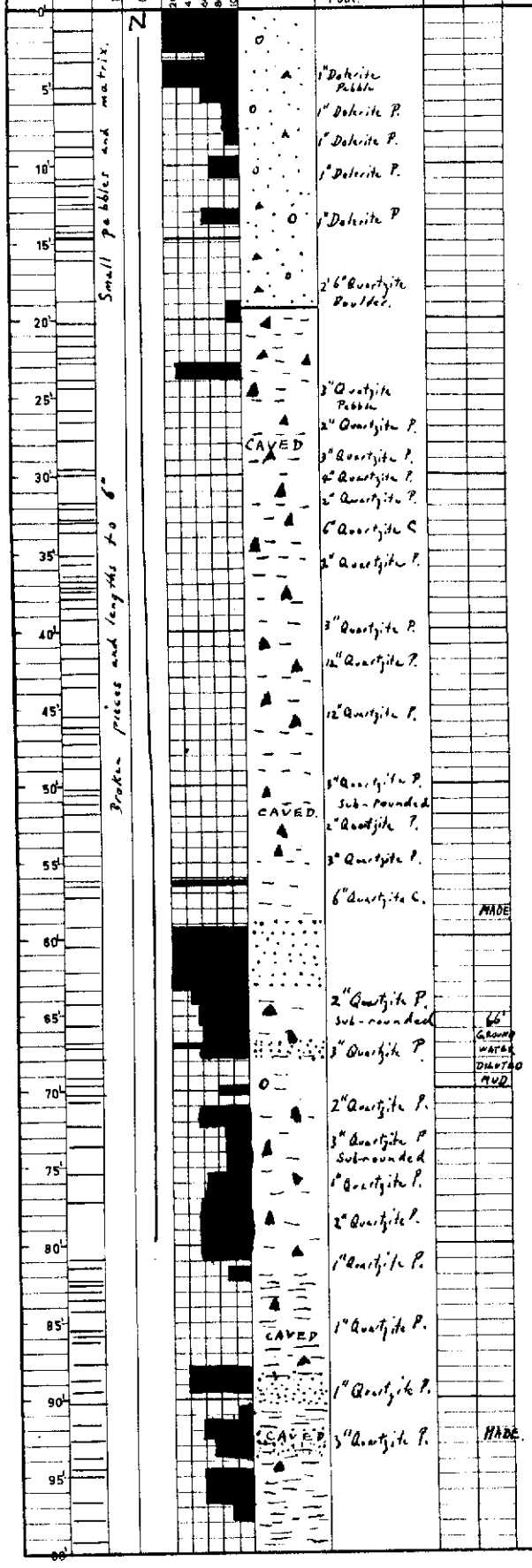
DRILLING RECORD

AREA: Mersey Forth Power Development	POSITION	CO-ORDINATES:	E:	N:
LOCATION: Parangana Damsite Left Bank		ON LINE: HA177 F66	BEARING: 0°00'	AT CH:
GEOLOGICAL PLAN: AB777 SURVEY PLAN: S4200 873D		AT STN: HA177	BEARING: 264°28'	DIST: 160'
DATES (a) DRILLED: 4-7-64 (b) WATER TABLE:	LEVEL	SURFACE	COLLAR	WATER TABLE
METHOD: D.D. DIAMETER: NX, NMLC.		1135.		
SITE REMARKS: Left bank on dam axis.	INCL.	HOLE DRILLED	ANGLE FROM HORIZONTAL	DIRECTION
		VERT./~~HOR./INC.~~		

HOLE No. 5768

FILE No.

SHEET 1 OF 2 SHEETS



REMARKS

0 – 3' Scree and talus, derived from quartzite

3' – 19' Drift. Mostly angular pebbles of quartzite with a few sub-rounded pebbles of dolerite in a mottled, yellowish-reddish brown (doleritic) sandy clay matrix. A 2'6" quartzite boulder at base with weathered dolerite pebble and doleritic matrix below.

Periglacial Solifluction Material.

19' – 59' Angular to sub-rounded fragments of quartzite (predominating) and schist in a yellowish-reddish brown sandy clay.

24' – 30' 60% Pebbles 40% Matrix

30' – 59' 40% Pebbles 60% Matrix.

Fluvial and/or Fluvioglacial Material.

59' – 63' Coarse yellowish-brown, quartzite and schist sand.

Periglacial Solifluction Material

63' – 81' Angular to sub-rounded fragments of quartzite (predominating) and schist in a yellowish-reddish brown sandy clay.

Fluvial and/or Fluvioglacial Material.

81' Yellowish-brown, medium-grained quartzite sand.

Possibly Lake Deposit or Till

82' – 114' Reddish-brown clay with pockets of sand and a few quartzite pebbles.

FORM No. H.E. 443

DRILLING RECORD

AREA: Mersey Forth Power Development

LOCATION: Parangana Damsite Left Bank

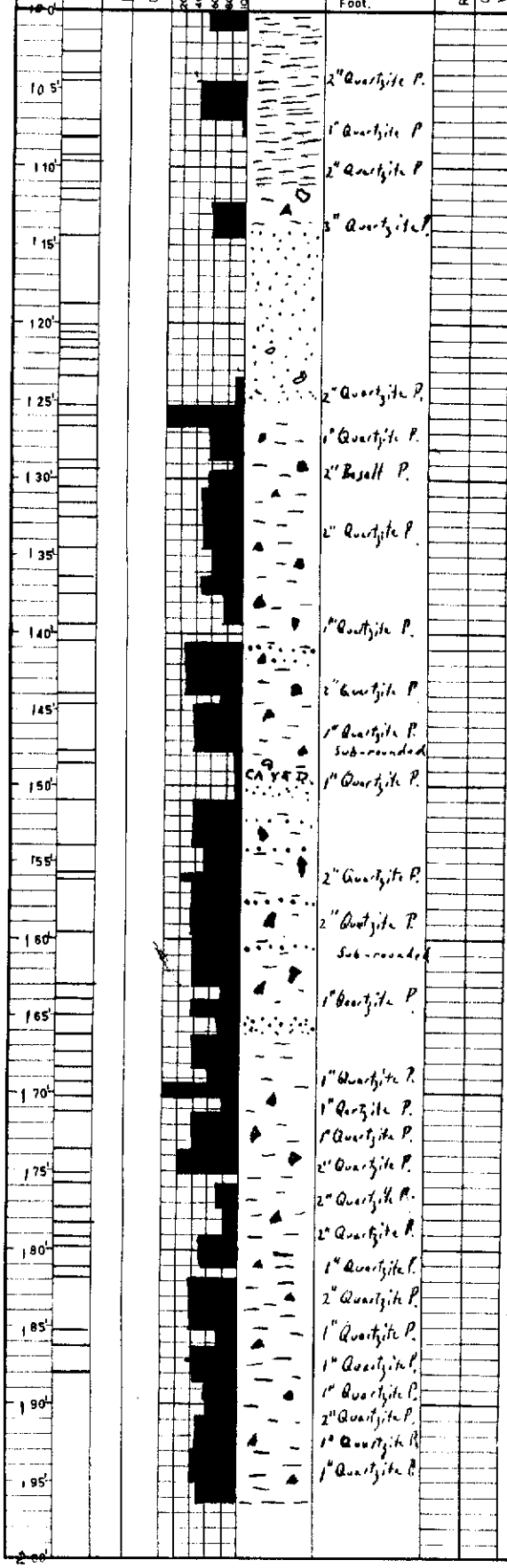
GEOLOGICAL PLAN: 48777 SURVEY PLAN: SA200 8730

DATES (a) DRILLED: (b) WATER TABLE:

METHOD: D.D. DIAMETER:

SITE REMARKS:

POSITION	CO-ORDINATES:	E:	N:	HOLE No.
	ON LINE: HA 177 F66	BEARING: 0°00'	AT CH.	5768
	AT STN: HA177	BEARING: 264°25'	DIST: 160'	FILE No.
LEVEL.	SURFACE	COLLAR	WATER TABLE	
	1135			SHEET 2 OF 2 SHEETS
INCL.	HOLE DRILLED	ANGLE FROM HORIZONTAL	DIRECTION	
	VERT./~~HOR./~~INC.			



REMARKS

Fluvial and/or Fluvioglacial Material
114'-120' Fine, yellowish-brown quartzite and schist sand.

120'-125' Yellowish-brown clayey sand with a few pebbles

Probably a mixture of Periglacial Solifluction Material and Fluvial and/or Fluvioglacial Material
125'-196' Angular to sub-rounded pebbles of quartzite (and one basalt pebble at 129'6") in a yellowish-brown sandy-clay matrix. Some pockets of sand. Between 140' and 165' drill advanced under own weight in sand layers.

196' Core barrel lost in hole.

Hole Abandoned.

Logged by: S.T. Paterson 11.11.64.