

DRILLING RECORD

| | | | | |
|--|---|-------------------------|------------------|-------------|
| AREA: <i>Mersey-Forth Power Development.</i> | CO-ORDINATES: | E: | N: | HOLE No. |
| LOCATION: <i>Parangana Dam site.</i> | ON LINE <i>BM3257</i> <i>Parangana Δ</i> | BEARING: <i>0°00'</i> | AT CH: | <i>5791</i> |
| GEOLOGICAL PLAN: <i>A6777B</i> SURVEY PLAN: <i>S42008730</i> | AT STN: <i>BM3257</i> | BEARING: <i>189°25'</i> | DIST: <i>374</i> | FILE No. |
| DATES (a) DRILLED: <i>Feb 65.</i> (b) WATER TABLE: | LEVEL: SURFACE | COLLAR: | WATER TABLE: | SHEET |
| METHOD: <i>DD.</i> DIAMETER: <i>NMLC.</i> | <i>1179</i> | | | <i>1</i> |
| SITE REMARKS: <i>Screen covered left abutment on</i> <i>den axis</i> | INCL. HOLE DRILLED | ANGLE FROM HORIZONTAL | DIRECTION | OF |
| | VERT/HOR/INC | <i>90°</i> | | <i>1</i> |

| DEPTH | CORE DRAWN | CORE LENGTH | CASING | RECOVERY | GRAPHIC LOG | JOINTS No. Per Foot. | FLUID RETURN | GROUND WATER | WATER PRESSURE TESTS LEAKAGE | REMARKS |
|-------|------------|-------------|--------|----------------------|-------------|----------------------|--------------|--------------|------------------------------|--|
| | | | | 2 40 80 100 | | | | | | |
| 0 | | | | | | | | | | |
| 5 | | | | | Δ | | | | | 0'-18' Scree. Angular pebbles cobbles and boulders of quartzite and phyllite in a yellowish-brown clayey sand matrix. High proportion of coarse material, little matrix recovered. |
| 10 | | | | | Δ | | | | | |
| 15 | | | | | Δ | | | | | |
| 20 | | | | | Δ | | | | | |
| 25 | | | | | Δ | | | | | 18'-28' Drift. Sub-angular to sub-rounded pebbles of dolerite and quartzite. A little light brown sandy clay matrix recovered. |
| 30 | | | | | Δ | | | | | |
| 35 | | | | | Δ | | | | | 28'-44' Angular pebbles and boulders (to 2") of quartzite. Predominantly less than 4" No matrix recovered. Probably periglacial solifluction material. |
| 40 | | | | | Δ | | | | | |
| 45 | | | | | Δ | | | | | |
| 50 | | | | | Δ | | | | | |
| 55 | | | | | Δ | | | | | 44'-61' Drift. Boulders of dolerite (to 4") with pebbles of quartzite (to 2"), dolerite (to 7"), and weathered volcanic (to 5") in a dark yellowish-brown clayey sand matrix. |
| 60 | | | | | Δ | | | | | |
| 65 | | | | | Δ | | | | | 61' Periglacial Solifluction Material. Angular fragments of quartzite, generally less than 1" and up to 3/4" in a light yellow sandy clay and clayey sand matrix. High proportion of matrix recovered. |
| 70 | | | | | Δ | | | | | |
| 75 | | | | | Δ | | | | | |
| 80 | | | | | Δ | | | | | |
| 85 | | | | | Δ | | | | | |
| 90 | | | | | Δ | | | | | |
| 95 | | | | | Δ | | | | | |
| 100 | | | | | Δ | | | | | |

Hole Completed
Logged by: *S.J. Paterson 12.4.65.*