

DRILLING RECORD

| | | | | |
|---|---------------------------|-----------------------|-------------|----------|
| AREA: Mersey-Forth Power Development. | CO-ORDINATES: | E: | N: | HOLE No. |
| LOCATION: Lemonthyme Penstock. | ON LINE: HA 386 HA 385 | BEARING: 0° 00' | AT CH | 5830 |
| GEOLOGICAL PLAN: A10656 SURVEY PLAN: 5413875 1/3 | AT STN: HA 386 | BEARING: 272° 46' | DIST: 77' | FILE No. |
| DATES (a) DRILLED: 27-8-63 (b) WATER TABLE: | SURFACE | COLLAR | WATER TABLE | SHEET |
| METHOD: DD. DIAMETER: NX, NMLC | 1136 | | | 1 |
| SITE REMARKS: Talus slope - right bank of tributary of Lemonthyme Creek. | HOLE DRILLED | ANGLE FROM HORIZONTAL | DIRECTION | OF |
| | VERT. HOR. INC. | | | 2 |
| | | | | SHEETS |

| DEPTH | CORE DRAWN | CORE LENGTH | CASING | RECOVERY | GRAPHIC LOG | JOINTS | FLUID RETURN | GROUND WATER | WATER PRESSURE TESTS | LEAKAGE | REMARKS |
|-------|------------|-------------|--------|-----------------|-------------|-------------|--------------|--------------|----------------------|---------|---|
| | | | | 20 40 60 80 100 | | No Per Foot | | | | | |
| 0 | | | | | | | | | | | |
| 5 | | | | | A | | | | | | <p>Brown</p> <p>0'-17' Red basaltic clay containing 3" angular quartzite pebbles - soil creep & solifluction material.</p> <p>17'-56' 6" Yellowish-reddish-brown clay containing some sand lenses, abundant quartz grains, pebbles of quartzite and weathered and decomposed dolerite, and boulders of dolerite to 2' diameter. Probably solifluction material.</p> <p>56'-14' Black to dark grey, soft to hard, compacted but uncemented clay containing bands of fine sand and silt (to 1'), lenses of black carbonaceous shale (1/2") and pebbles (1") of weathered schist; dip 5° to 35°; sparsely jointed, some joints slickensided.</p> <p>89' 1/2" fine sand</p> |
| 10 | | | | | B | | | | | | |
| 15 | | | | | C | | | | | | |
| 20 | | | | | D | | | | | | |
| 25 | | | | | E | | | | | | |
| 30 | | | | | F | | | | | | |
| 35 | | | | | G | | | | | | |
| 40 | | | | | H | | | | | | |
| 45 | | | | | I | | | | | | |
| 50 | | | | | J | | | | | | |
| 55 | | | | | K | | | | | | |
| 60 | | | | | L | | | | | | |
| 65 | | | | | M | | | | | | |
| 70 | | | | | N | | | | | | |
| 75 | | | | | O | | | | | | |
| 80 | | | | | P | | | | | | |
| 85 | | | | | Q | | | | | | |
| 90 | | | | | R | | | | | | |
| 95 | | | | | S | | | | | | |
| 100 | | | | | T | | | | | | |

46' NX.

CAVED

Bedding plane partings.

Brown

Lost

Lost

