

DRILLING RECORD

| | | | | |
|---|-----------------------|-----------------------|-------------|-------------|
| AREA: Mersey-Forth Power Development | CO-ORDINATES: | E: | N: | HOLE No. |
| LOCATION: Lemanthyme Penstock. | ON LINE: GP3 HA382 | BEARING: 0° 00' | AT CH: | 5826 |
| GEOLOGICAL PLAN: A10656 SURVEY PLAN: S413875½ | AT STN: GP3 | BEARING: 280° 35' | DIST: 88 | FILE No. |
| DATES (a) DRILLED: 29-7-63 (b) WATER TABLE: 5-8-63 | SURFACE | COLLAR | WATER TABLE | SHEET 1 |
| METHOD: D.D. DIAMETER: NMLC | 1154 | | | OF 2 SHEETS |
| SITE REMARKS: Talus covered saddle near geophysical peg 183. | HOLE DRILLED | ANGLE FROM HORIZONTAL | DIRECTION | |
| | VERT/HOR/INC | | | |

| DEPTH | CORE DRAWN | CORE LENGTH | CASING | RECOVERY | GRAPHIC LOG | JOINTS No. Per Foot. | FLUID RETURN | GROUND WATER | WATER PRESSURE TESTS LEAKAGE | REMARKS |
|-------|------------|-------------|--------|----------|-------------|----------------------|--------------|--------------|------------------------------|---|
| 0 | | | | 2 | | | | | | |
| 5 | | | | | A | | | | | 0'-36' Reddish-brown soft basaltic clay containing rounded to sub-angular pebbles (to 1" diameter) of quartzite. - probably soil creep & solifluction debris. 20'-25' mottled red-grey. |
| 10 | | | | | B | | | | | |
| 15 | | | | | C | | | | | |
| 20 | | | | | D | | | | | |
| 25 | | | | | E | | | | | 36'-47' Yellowish-reddish-brown, soft clay containing many rounded to sub-angular pebbles of quartzite and quartz grains. Probably solifluction debris. |
| 30 | | | | | F | | | | | |
| 35 | | | | | G | | | | | 47'-99' Black to dark-grey, firm to hard, compacted but uncemented clays containing irregular pockets of fine sands; sparsely jointed, joints slickensided (by drilling?). Pleistocene channel filling. |
| 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 | | | | | |

Lengths to 1'

DRILLING RECORD

| | | | | |
|--|-------------------------|-----------------------|-------------|---------------------------------|
| AREA: Mersey - Forth Power Development | CO-ORDINATES: | E: | N: | HOLE No. |
| LOCATION: Lenonthyme Penstock. | ON LINE: GF 3 HA 38L | BEARING: 0°00' | AT CH: | 5826 |
| GEOLOGICAL PLAN: A10656 SURVEY PLAN: 5413875 1/2 | AT STN: GF 3 | BEARING: 280°38' | DIST: 88 | FILE No. |
| DATES (a) DRILLED: 29-7-63 5-8-63 (b) WATER TABLE: | SURFACE | COLLAR | WATER TABLE | SHEET 2 OF 2 SHEETS |
| METHOD: DD. DIAMETER: NMLC. | 1154 | | | |
| SITE REMARKS: Talus covered saddle near geophysical peg 193. | HOLE DRILLED | ANGLE FROM HORIZONTAL | DIRECTION | |
| | VERT / HOR / INCL | | | |

| DEPTH | CORE DRAWN | CORE LENGTH | CASING | RECOVERY | GRAPHIC LOG | JOINTS No. Per Foot. | FLUID RETURN | GROUND WATER | WATER PRESSURE TESTS LEAKAGE | REMARKS |
|-------|------------|-------------|--------|----------|-------------|----------------------|--------------|--------------|------------------------------|---|
| | | | | | | | | | | |
| 0' | | | | | 3m | | | | | 99'7" - 102' Soft to firm, light grey sandy clay - decomposition products of schist. Hole Completed 102' Logged by: S. J. Paterson 17.9.65. Re-logged 8.3.65. |
| 5' | | | | | | | | | | |
| 10' | | | | | | | | | | |
| 15' | | | | | | | | | | |
| 20' | | | | | | | | | | |
| 25' | | | | | | | | | | |
| 30' | | | | | | | | | | |
| 35' | | | | | | | | | | |
| 40' | | | | | | | | | | |
| 45' | | | | | | | | | | |
| 50' | | | | | | | | | | |
| 55' | | | | | | | | | | |
| 60' | | | | | | | | | | |
| 65' | | | | | | | | | | |
| 70' | | | | | | | | | | |
| 75' | | | | | | | | | | |
| 80' | | | | | | | | | | |
| 85' | | | | | | | | | | |
| 90' | | | | | | | | | | |
| 95' | | | | | | | | | | |
| 100' | | | | | | | | | | |