

DRILLING RECORD

| | | | | | | |
|--|--|---|--|------------------------|-------------------|---------------------|
| AREA: <i>Hersey-Forth Power Development.</i> | | CO-ORDINATES: | | E: | N: | HOLE No. |
| LOCATION: <i>Parangana Dam site.</i> | | ON LINE: <i>BM 3257</i> <i>BURGESS A</i> | | BEARING: <i>0°00'</i> | AT CH: | <i>5783</i> |
| GEOLOGICAL PLAN: <i>A8777</i> SURVEY PLAN: <i>S 419:873</i> <i>S 42008730</i> | | AT STN: <i>BM 3257</i> | | BEARING: <i>17°25'</i> | DIST: <i>452'</i> | FILE No. |
| DATES (a) DRILLED: | | (b) WATER TABLE: | | SURFACE | COLLAR | WATER TABLE |
| METHOD: <i>DD.</i> DIAMETER: | | LEVEL: <i>1213</i> | | | | |
| SITE REMARKS: <i>Screen slope left abutment.</i> | | INCL. VERT/HOR: <i>90°</i> | | ANGLE FROM HORIZONTAL | DIRECTION | SHEET / OF / SHEETS |

| DEPTH | CORE DRAWN | CORE LENGTH | CASING | RECOVERY | GRAPHIC LOG | JOINTS No Per Foot. | FLUID RETURN | GROUND WATER | WATER PRESSURE TESTS LEAKAGE | REMARKS |
|-------|------------|-------------|--------|----------|-------------|---------------------|--------------|--------------|------------------------------|--|
| 0 | | | | | | | | | | |
| 5 | | | | | | | | | | <p><i>Quartzite screen composed of 0-25' angular to sub-angular fragments of light gray quartzite occasionally showing light brown clay matrix; pebbles to 3 1/2"</i></p> |
| 10 | | | | | | | | | | |
| 15 | | | | | | | | | | |
| 20 | | | | | | | | | | |
| 25 | | | | | | | | | | |
| 25 | | | | | | | | | | <p><i>Drift - till composed of sub-rounded to subangular cobbles. 25'-40' and pebbles of dolerite and quartzite in a light brown clayey matrix. Dolerite to 7" and Quartzite to 9" diameter</i></p> |
| 30 | | | | | | | | | | |
| 35 | | | | | | | | | | |
| 40 | | | | | | | | | | <p><i>periglacial Solifluction Material. 40'6"-49'4" Light gray quartzite, much fragmented occasionally in sticks to 5". Light brown clayey matrix.</i></p> |
| 45 | | | | | | | | | | |
| 50 | | | | | | | | | | <p><i>49'4"-69'8" Hard, grey, well foliated quartzite; closely jointed; joints mostly tight or slightly open with limonite staining. Driller recorded dirty returns 53'-56' indicating weathering.</i></p> |
| 55 | | | | | | | | | | |
| 60 | | | | | | | | | | |
| 65 | | | | | | | | | | |
| 70 | | | | | | | | | | |
| 75 | | | | | | | | | | |
| 80 | | | | | | | | | | |
| 85 | | | | | | | | | | |
| 90 | | | | | | | | | | |
| 95 | | | | | | | | | | |
| 100 | | | | | | | | | | |

Hole Completed 69'8"
Logged by:
G. Rawlings
8. 2. 65.