

ELECTRIC LOG

TEST DRILLING ASSISTANCE PROGRAM

ACQUISITION NO. 87410
 GROUP NO. 0000

DRILLING CONTRACTOR: COMPANY NAME
 0.1 Andrews & Sons Drilling Ltd

CONTRACTOR'S TELEPHONE NUMBER
 0.2 3065431-12076 OR RURAL NO. 2237 Smith St

SIGNATURE: NAME AND DATE
 DRILLING CONTRACTOR OR REPRESENTATIVE DAY MONTH YEAR Regina Sask

OWNER'S NAME
 0.3 Sask Water

OWNER'S TELEPHONE NUMBER
 0.4 3066944-13900 OR RURAL NO. 111 Fairford St East

SIGNATURE: NAME AND DATE
 OWNER DAY MONTH YEAR Moose Jaw Sask

TESTHOLE: MUNICIPAL LAND LOCATION RURAL MUNICIPALITY (RM) OR LOCAL IMPROVEMENT DISTRICT (LID) OR
 NE 930-17-19-W2 ONE OR TWO OR THREE INDIAN RESERVATION (IR)? 159

DRILLER'S NAME DATE TESTHOLE COMPLETED
 0.6 Andrews & Sons 17/12/87

LOGGER OPERATOR'S NAME DATE TESTHOLE LOGGED
 0.7 Andrews & Sons 17/12/87

CONDUCTIVITY: DRILLING FLUID CONDUCTIVITY: DRILLING WATER TRADE NAME OF LOGGER
 0.8 1200 uMhos/cm at 25°C 600 uMhos/cm at 25°C Widco

DEPTH DRILLED DEPTH LOGGED TYPE OR MODEL OF LOGGER
 0.9 200 feet 196 feet 1501

BIT DIAMETER SERIAL NO. OF LOGGER ACCREDITATION DATE
 1.0 4.75 inches 264 17/12/87

SPONTANEOUS POTENTIAL SINGLE-POINT RESISTANCE
 H millivolts/inch H ohms/inch

SASKATCHEWAN WATER CORPORATION
 PERMANENT OBSERVATION WELLS

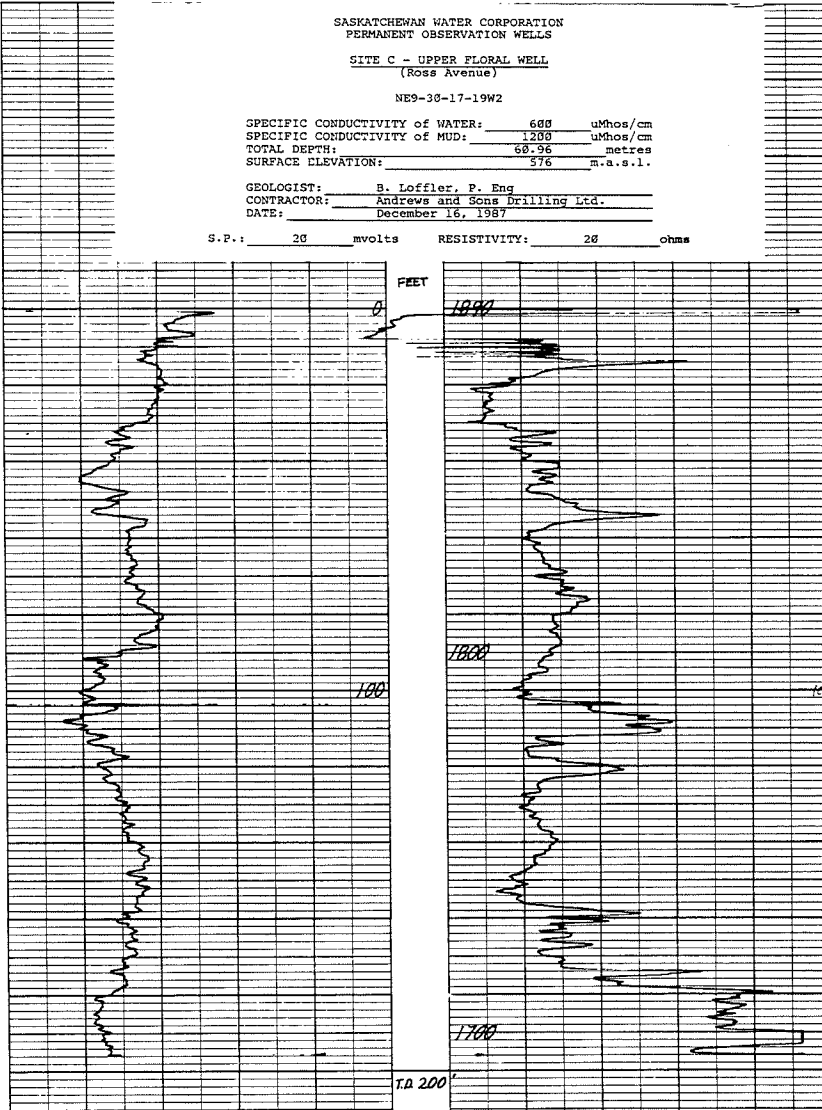
SITE C - UPPER FLORAL WELL
 (Ross Avenue)

NE9-30-17-19W2

SPECIFIC CONDUCTIVITY OF WATER: 600 uMhos/cm
 SPECIFIC CONDUCTIVITY OF MUD: 1200 uMhos/cm
 TOTAL DEPTH: 60.96 metres
 SURFACE ELEVATION: 576 m.a.s.l.

GEOLOGIST: B. Löffler, P. Eng
 CONTRACTOR: Andrews and Sons Drilling Ltd.
 DATE: December 16, 1987

S.P.: 20 mvolts RESISTIVITY: 20 ohms



TESTHOLE: MUNICIPAL LAND LOCATION DATE TESTHOLE COMPLETED
 NE 930-17-19-W2 16/12/87

| LINE No | FROM (ft) | TO (ft) | DRILLER'S LOG and PROCEDURE RECORD |
|---------|-----------|---------|--|
| 0 | 30 | | Clay - silty - siltier with depth olive brown to gray - firm - plastic |
| 30 | 56 | | Till - very silty - sticky - non oxidized - dark gray - Calc. |
| 56 | 60 | | Clay - silty - siltier with depth dark grey |
| 60 | 90 | | Silt - clayey - siltier - light grey |
| 90 | 103 | | Clay - silty - non ox - firm - grey |
| 103 | 112 | | Sand - silty - fine - med - grey |
| 112 | 158 | | Silt - clayey - greenish - grey consolidated with loose zones |
| 158 | 178 | | Silt with fine sand - grey - consolidated |
| 178 | 200 | | Sand - med coarse - coarser with depth loose - non oxidized |
| | | | Well description |
| | | | P.V.C. Casing - dia 4", bottom @ 105 1/2' |
| | | | Screen - dia 3" length 5ft, slot .025" |
| | | | Well bottom @ 111' |
| | | | Water level - 60' |
| | | | Drawdown - 19' after 2 hrs @ 10 T.G.P.M. |
| | | | Complete water analysis available |

CONTRACTOR: Andrews & Sons Drilling Ltd SHEET
 DRILLER'S LOG BY: _____