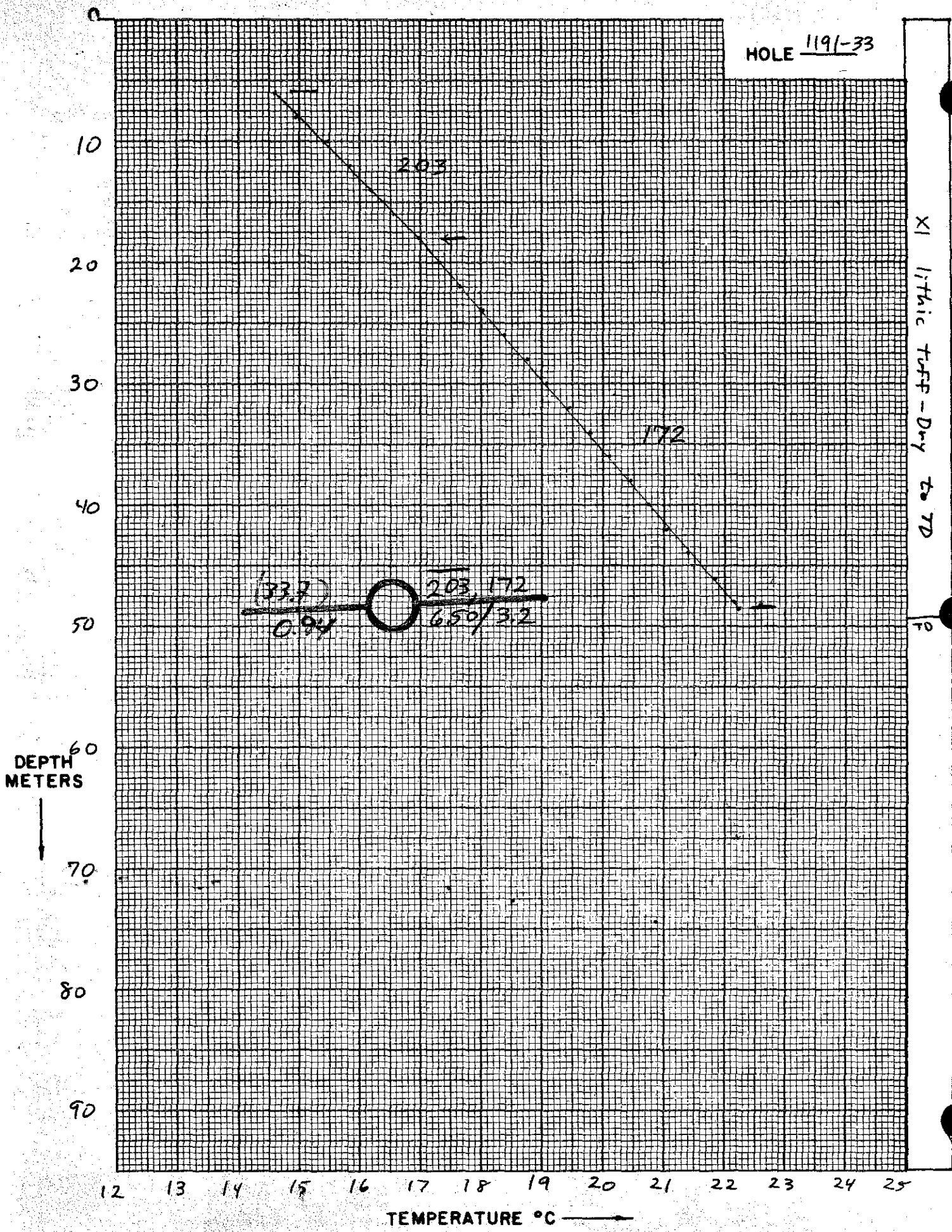


HOLE 1191-33

XI lithic tuff - Dry to TD



Cable .094P

Leak _____

Date Logged: 9/23/82

ΔT Well No. 191-33

| Depth (meters) | Instr. Reading | Temp. °C | ΔT | Grad. °C/km | K (Est.) | H ₂ O Air | Lithology, etc. |
|----------------|----------------|----------|------|-------------|----------|----------------------|-----------------|
| 6 | 126.10 | 14.55 | 0.41 | 205 | | | |
| 8 | 124.38 | 14.96 | 0.52 | 2060 | | | |
| 10 | 122.17 | 15.48 | 0.35 | 175 | | | |
| 12 | 120.73 | 15.83 | 0.36 | 180 | | | |
| 14 | 119.24 | 16.19 | 0.36 | 180 | | | |
| 16 | 117.77 | 16.55 | 0.43 | 215 | | | |
| 18 | 116.02 | 16.98 | 0.36 | 180 | | | |
| 20 | 114.64 | 17.32 | 0.34 | 170 | | | |
| 22 | 113.32 | 17.66 | 0.37 | 185 | | | |
| 24 | 111.85 | 18.03 | 0.36 | 180 | | | |
| 26 | 110.44 | 18.39 | 0.38 | 190 | | | |
| 28 | 108.99 | 18.77 | 0.32 | 160 | | | |
| 30 | 107.77 | 19.09 | 0.35 | 175 | | | |
| 32 | 106.00 | 19.44 | 0.36 | 180 | | | |
| 34 | 105.12 | 19.80 | 0.31 | 155 | | | |
| 36 | 103.95 | 20.11 | 0.33 | 165 | | | |
| 38 | 102.75 | 20.44 | 0.31 | 155 | | | |
| 40 | 101.63 | 20.75 | 0.28 | 140 | | | |
| 42 | 100.59 | 21.03 | 0.38 | 190 | | | |
| 44 | 99.24 | 21.41 | 0.43 | 215 | | | |
| 46 | 97.75 | 21.84 | 0.33 | 165 | | | |
| 48 | 96.59 | 22.17 | 0.05 | | | | |
| 48.5 | 96.39 | 22.23 | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

K=Conductivity

LITHOLOGIC LOG

Project: Fish Lake

Hole: 1191-33

Elevation: 5200

Date Drilled: 8/26/82

Location: SWSWSW29T1NR36E

Method: rotary/air

Geologist: Deymonaz

Gamma: _____

Depth (m) Description

0 - 48

Lithic Tuff (Taf) - Light to medium gray, 10-30% angular fragments of hard dark gray to reddish aphanitic flow rock. Minor crystals of feldspar and quartz. Ash is firm but concentrations of lithic fragments slow drilling. Several small fractures encountered. Dry to TD.