

## VI. Temperature Profile in the Drilled Hole

Table 1 gives the temperature profile in a bore hole which was drilled to a depth of 147.5 m by JARE-13 in 1972. The measurement was made by the present author in June–August 1977. Temperatures were measured with a thermister (Takara STM-0.1–5, 3 k $\Omega$  nominal resistance at 0°C) supported in a stainless steel capsule. The accuracy of the measurement was  $\pm 0.02^\circ\text{C}$ , and the reading was made after a complete thermal equilibrium was attained, which usually took one day.

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*Table 1. Temperatures in the drilled hole.*

Depth (m)	Temperature (°C)
11.0	−33.55
16.0	−33.64
21.0	−33.70
26.0	−33.78
31.0	−33.88
36.0	−34.00
41.0	−34.13
46.0	−34.20
51.0	−34.28
56.0	−34.37
61.0	−34.43
66.0	−34.50
71.0	−34.53
76.0	−34.57
81.0	−34.63
86.0	−34.68
91.0	−34.74
96.0	−34.77
101.0	−34.79
106.0	−34.82
111.0	−34.85
116.0	−34.88
121.0	−34.90
126.0	−34.92
131.0	−34.94
136.0	−34.97
141.0	−34.99
145.5	−35.00