(200)
R290
no. 76-665

RAFT RIVER GEOTHERMAL INTERMEDIATE HOLE #4

U.S.G.S. Water Resources Division
16S-26E-5bba3 Elev. 4980'

OPEN-FILE REPORT 76-665

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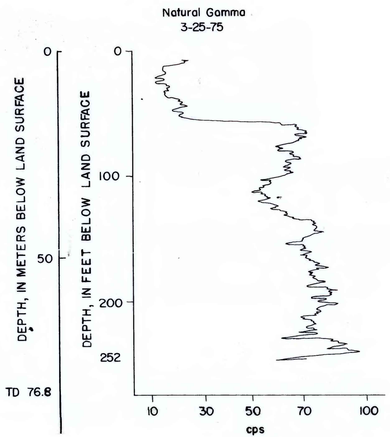
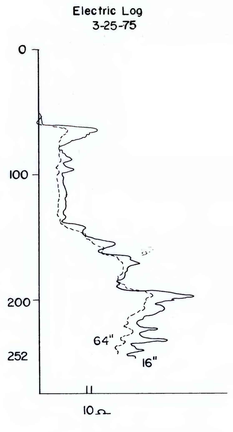
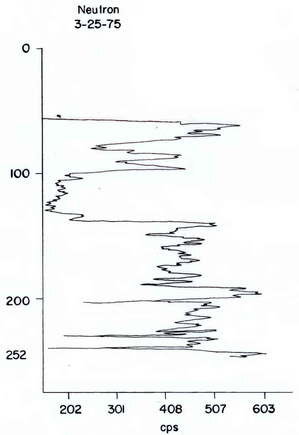
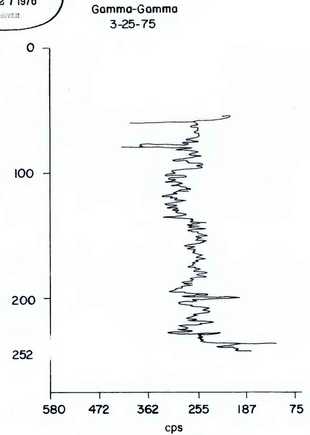
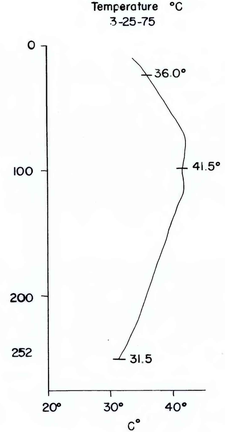
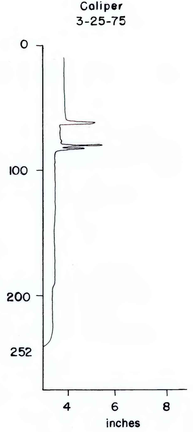


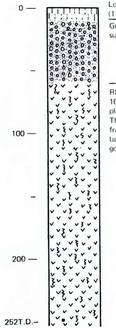










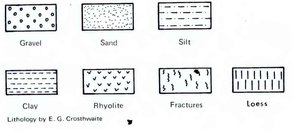


Loess, tan to brown silt size particles with angular gravel or rhyolite and tuff up to ½ in. (1 cm).

Gravel and sand with minor silt. Gravel is rhyolite, tuff, quartz and dark metamorphics, subangular to subrounded, up to 2½ in. (6 cm) size. Sand is tuffaceous.

RHYOLITE. Dark gray to gray, crystal rich, glassy. Light grayish-tan crystal poor zone 101-106 ft (30.8-32.3). Jointed and fractured throughout. Fractures 45° to 70°. In many places fractures can be seen intersecting. Zeolites(?) fill fractures and joints in many places. The more highly fractured areas have green, yellow and red material on and around the fractures. Carbonaceous material, looks like piece of wood, at 109 ft (33.2 m). Flow banding at 144-148 ft (43.9-45.1 m) with dip of 30°. At 239 ft (72.8 m), brownish-yellow gouge ½ in. (1.3 cm) thick, dip 70°. Pyrite at 250 ft (76.2 m).

EXPLANATION



Lithology by E. G. Crosthwaite