

LITHOLOGIC LOG

Project: Burning Stone

Hole: B-448 (821-32)

Elevation: \_\_\_\_\_

Date Drilled: 9/24/81

Location: \_\_\_\_\_

Method: air/foam

Geologist: J. Deymonaz

Gamma: \_\_\_\_\_

Depth (m)	Description
0- 5	<u>Alluvium</u> (Qal) - Silty-sand and angular to subangular gravels. Dry.
5-76	<u>Latite</u> (Ths porphyritic unit) - Lt. gray to lt. pinkish-gray with phenocrysts (2-5mm) of feldspars comprising 10-15% of the rock. Feldspars euhedral to subhedral and occasionally altered to clay. Smaller crystals (<0.5mm) of biotite, hornblende, magnetite and feldspars comprise 5-10% of the rock. Minor small rounded lithic fragments. Matrix aphanitic. Minor green porphyritic alteration.
76-153	<u>Latite</u> (Ths porphyritic unit) - Similar to above except zones of hornblende and magnetite occasionally comprise 20% of rock giving a salt and pepper appearance, and occasional large pink feldspars occur. Below 107 meters matrix becomes lt. to med-gray. Entire sequence of Ths in this hole is very uniform, dry and contains few fractures of any size.