

cc: Hall
Lange
Deymonaz
Caywood

LITHOLOGIC LOG B-403 (821-12)

BURNING STONE PROJECT

SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec 26 T27S R13W

ELEVATION: 6,200'

DATE DRILLED: 5/2/77

Depth (m)	DESCRIPTION
0 - 6	<u>Qal Alluvium</u> - sand and pebbles; angular; mostly latite/andesite.
6 - 9	<u>Latite/Andesite</u> - light reddish-gray; 20% consists of porphyritic crystals of feldspar and hornblende which are 1mm in size; lightly fractured; iron oxidation widespread; small amt. of chloritization and alteration.
9 - 12	<u>Latite/Andesite</u> - repeat 20-30 above except highly fractured with clay and secondary calcite filling.
12 - 15	<u>Latite/Andesite</u> - reddish-gray; aphanitic; fractured with calcite filling and iron oxidation.
16 - 18	<u>Latite/Andesite</u> - repeat 20-30 with a small quantity of water present at 18 meters.
18 - 21	<u>Latite/Andesite</u> - repeat 20-30 except only hornblende phenocrysts.
21 - 24	<u>Basalt</u> - dark gray; aphanitic; fractured with calcite filling.
24 - 37	<u>Latite/Andesite</u> - repeat 20-30.
37 - 43	<u>Latite/Andesite</u> - repeat 20-30 except highly fractured with large amount of alteration and calcite filling especially iron oxidation of matrix around fractures and chloritization of mafics.
43 - 55	<u>Latite/Andesite</u> - repeat 20-30.
55 - 58	<u>Latite/Andesite</u> - gray; aphanitic, lightly fractured with small amt. of calcite filling, iron oxidation and chloritization of mafics.
58 - 67	<u>Latite/Andesite</u> - repeat 20-30 except highly altered and fractured accompanied by epidotization (?).