

Diamond-drill hole B-6

Altitude: 705.0 feet
Coordinates: N. 1,040, E. 1,420
Direction: N. 14° W.

Inclination: Minus 74°
Depth: 136.2 feet

<u>Depth, in feet</u>	<u>Description</u>
0 - 8.0	No core. Overburden.
8.0 - 32.5	Foliated biotite granite. Coarse-grained.
32.5 - 38.1	Trap dike. Fine-grained. The contacts make an angle of about 15° with the core, indicating that the dike may be approximately vertical.
38.1 - 87.0	Pegmatite.
*38.1 - 44.4	Plagioclase-quartz-perthite pegmatite (wall zone). Medium-to coarse-grained. Some of the perthite contains graphic quartz.
*44.4 - 72.3	Perthite-quartz pegmatite (1st intermediate zone). Medium-to very coarse-grained. Aggregates of medium-grained pegmatite consisting of perthite, quartz, muscovite, and plagioclase are irregularly distributed through this unit. Estimated mineral percentages are: Perthite - 50 percent, quartz - 35 percent, muscovite 9 percent, plagioclase - 5 percent, and tourmaline - 1 percent.
*72.3 - 87.0	Plagioclase-quartz-perthite pegmatite (wall zone). Medium-to coarse-grained. Perthite occurs as graphic granite and in coarse-grained mixtures with quartz. Estimated mineral percentages are: Plagioclase - 35 percent, quartz - 32 percent, perthite - 28 percent, and muscovite - 5 percent.
87.0 - 94.6	Trap dike. Fine-grained. The dip may be approximately vertical, as in the dike at 32.5 to 38.1 feet.
94.6 - 96.0	Plagioclase-quartz-perthite pegmatite (wall zone). Medium-grained. Estimated mineral percentages are: Plagioclase - 35 percent, quartz - 32 percent, perthite - 28 percent, and muscovite - 5 percent.
96.0 - 98.2	Foliated biotite granite, as between 8.0 and 32.5 feet
98.2 - 104.3	Trap dike, as between 87.0 and 94.6 feet.
104.3 - 108.0	Foliated biotite granite, as between 8.0 and 32.5 feet.
108.0 - 122.8	Trap dike, as between 87.0 and 94.6 feet.
122.8 - 133.0	Foliated biotite granite, as between 8.0 and 32.5 feet.
133.0 - 136.2	Trap dike, as between 87.0 and 94.6 feet.
136.2	End of hole.

*Subsidiary interval

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