

CORE DESCRIPTION

<u>Interval</u>	<u>Cut</u>	<u>Recovered</u>	<u>Description</u>
3406'-3415'	9'	9'	<u>Basalt</u> - dark grey to black; fine to microcrystalline; vesicular, infilled with green, clayey mineral; calcite blebs; vertical fracturing, mostly unhealed, in upper 7'; irregular fracturing in lower 2'.
3415'-3418'	3'	3'	<u>Basalt</u> - black; very fine to microcrystalline; dense, hard; close vertical fracturing in lower 1'.
3418'-3420'	2'	2'	<u>Basalt</u> - dark grey to black as in top of core; highly fractured.
7819'-7822'	3'	3'	<u>Basalt</u> - dark greyish green; very fine to microcrystalline; very hard; occasional vesicles filled with white mineral; occasional dark banding.
7822'-7827'	5'	5'	<u>Basalt</u> - same as above with more and larger vesicles filled with soft green clay mineral.
7827'-7840'	13'	13'	<u>Basalt</u> - dark grey with a dark greenish cast; very fine; extremely hard and dense; occasional high angle fractures; high angle slickensides 7829'-7830'; occasional vesicles filled with white and green minerals as above; possible 3° to 4° dips seen in vesicle bands from 7837'-7838'.
8369'-8381'	12'	12'	<u>Diorite</u> - Black and white texture coloration; coarse to medium grain; dense; 65% dark colored minerals, biotite and hornblende; 35% light colored minerals, plagioclase and quartz.
8381'-8383'	2'	2'	<u>Trap Rock</u> - Black to dark grey; hard, fine grained to aphanitic; similar to basalt except biotite crystals present; rock has a light grey quartz vein at the top and near the center; contact in this rock unit appears to be cutting diorite at a high angle.
8383'-8388'	5'	5'	<u>Diorite</u> - As above with a pyrite bearing quartz vein 3" wide which cuts across diorite.