Elevation of boring: 129.1 feet Total vertical depth: 74 feet Total hole length: 74 feet For location, see Figure 1. Sprague & Henwood hole # 1.

elev.(ft)	depth (ft)	description
129.1	0-1.5	Soil and weathered pegmatite.
127.6-126.1	1.5-3.0	Highly weathered pegmatite and schist.
		 Several inclined fractures, heavily Fe stained, poorly reserved.
126.1-111.6	3.0-17.5	Soil and weathered rock. No core recovery.
11.6-111.1	17.5-18.0	Feldspar-sillimanite-biotite SCHEST to GNEISS, with minor garnet. Essentially vertical foliation. Thinly laminated and flasered. Moderately to highly weathered; poor core recovery.
111.1-98.1	18.0-31.0	Biotite-hornblende AMPHIBOLITE, with minor garnet frequent very thin feldspar layers. Faint foliation essentially vertical. Slightly weathered, except as noted.
111.1-109.1		18.0-20.0: moderately weathered amphibolite; core broken into chips.
105.1		 24.0: Fracture, smooth, steep dip, truncates foliation; Fe stains, but no visible mineral alteration.
101.6		27.5: Fracture, smooth, steep dip, truncates foliation, Fe stains, but no visible mineral alteration.
101.1-100.1		 28.0-29.0: Fracture, vertical, parallel to foliation; Fe stains, minor feldspar alteration.
100.1-99.1		29.0-30.0: Crumbly, blocky zone; poor core recovery.
98.1-93.1	31.0-36.0	Quartz-feldspar PSAMMITIC GNEISS, fine-grained, Faint, vertical foliation. Unweathered. No fractures.
96.6-93.1	32.5-36	Core contains vertical, unweathered contact between Psammitic gneiss and sillimanite-biotite schist. Contains Fe stains in sector 34-36'.

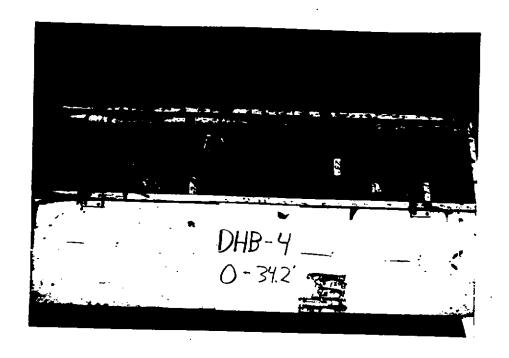
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93.1-85.1	36.0-44.0	PSAMMITIC GNEISS, as above. Very faint, vertical foliation. Unweathered.
92.9		- 36.2: Fracture, smooth, steep dip, truncates foliation; moderate alteration of feldspars.
91.5		- 37.6: Fracture, smooth, steep dip, truncates foliation; alteration of feldspars.
9089.1	39.1-40.0	Fracture, smooth, vertical, parallel to foliation; Fe stains, but no feldspar alteration.
87.1	`	- 42': Fracture, steep dip, truncates foliation; no alteration.
85.1-71.5	44.0-57.6	AMPHIBOLITE, as above. Foliation vertical. Unweathered, except as noted.
85.1-84.1		44-45: Fracture, smooth, steep to vertical, parallel to foliation; incipient feldspar alteration.
83.1		- 46: Fracture, smooth and flat, steep dip, truncates foliation, significant mineral and feldspar alteration; a 0.1-0.2'-thick alteration halo on either side of fracture. Possible slickensides; if true slickensides, relative motion nearly vertical.
81.1-80.1		48-49: Crumbly zone, poor core recovery. Many fractures parallel to foliation.
81.1-80.1		48-49: Moderately weathered zone; crumbly to block core; poor core recovery. Many fractures parallel to foliation in core chips; some green mineralization (possibly chloritization of biotite or hornblende).
77.1		 52: Fracture, rough, 45^o dip; contains mineralization with white material (probably calcite) but no mineral alteration.
73.6-71.5		- 55.5-57.6: Fracture, smooth to rough, vertical, parallel to foliation; moderate alteration of biotite, and mineralization with calcite (?). Preferred orientation of low ridges on fracture surface, but no slickensides.

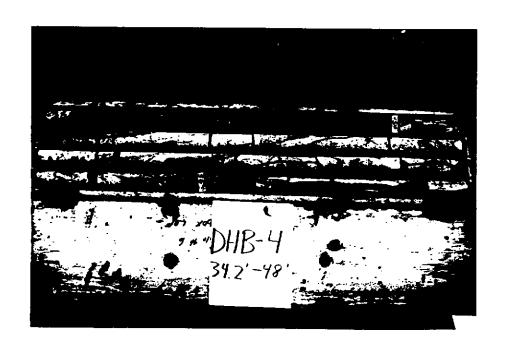
- 71.5-67.6 57.6-61.5 PSAMMITIC GNEISS, as above. Contains several thin tortuous layers of pegmatite. Unweathered. No fractures.
- 67.6-55.1 61.5-74.0' AMPHIBOLITE, as above. Foliation essentially vertical. Unweathered.
- 56.7-56.3
- 72.4-72.8: Fracture, smooth and flat, 60° dip, truncates foliation; chloritization and possible epidote alteration; 0.1-0.2'-thick alteration halo on either side of fracture; possible slickensides. If a slickensides relative movement was essentially horizontal.

56.7-56.5

- 72.4-72.6: Fracture, smooth, shallow dip, truncates foliation; truncates fracture described immediately above 90°. No mineralization.



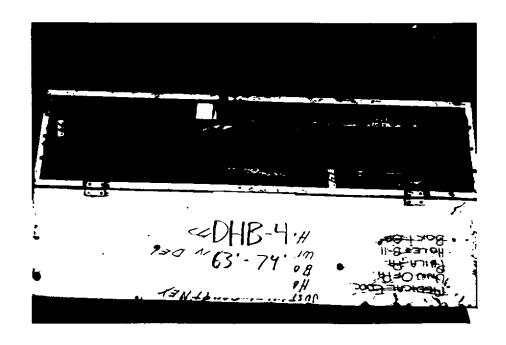
Core DHB-4, 0-34.2 feet depth



Core DHB-4, 34.2-48 feet depth



Core DHB-4, 48-63 feet depth



Core DHB-4, 63-74 feet depth