

PROPERTY

PAGE 1

LOCATION West Mine Grid: L. 2+00. 12+008 BEARING Grid West HOLE NO. GR 123
 LOGGED BY S. Swinden ELEVATION _____ DIP -45° FINAL DEPTH 350.51
 STARTED Dec. 8, 1975 TESTS (CORRECTED) _____
 FINISHED Dec. 10, 1975 _____
 CASING Fuller _____
 CORE SIZE 12 _____

FROM	TO	DESCRIPTION
0	4	Overburden
4	23.8	<u>SILICEOUS TUFF</u> ; Medium to dark green, very hard. Somewhat chloritic and sericitic. Occasional visible frags up to 1mm. of rhyolite. Bedding @ 80° to core axis. Occasional epidote and quartz veinlets. After 15.7; becomes darker in colour and more chloritic 23.0 - 23.8; chaotic, black, quartz-rich unit. Probably cherty.
23.8	50.0	<u>MAFIC TUFF</u> ; Dark green to black, fine grained, chloritic. Frags seldom visible but relict bedding present at 60° to core axis. Occasionally moderately siliceous. 35.9 - 37.4; Broken core, mainly cherty material, pale green to black with very minor reddish bands. 37.4 - 41.6; Considerably coarser grained. Visible frags of quartz and mafic volcanics. In places very sericitic. Epidote and quartz veins very common and schistosity highly contorted where developed. 41.9 - 42.9; Fine grained, somewhat cherty. 42.9 - 43.2; Coarse grained as at 37.4 - 41.6 49.2 - 50.0; Intense quartz veining with minor disseminated pyrite.
65.6	79.2	<u>RHYOLITE</u> ; Massive, medium brown, aphanitic. Mottled by scattered, barely visible, dark green crystals. In last 3", becomes medium grained.
79.2	99.0	<u>MAFIC TUFF</u> ; Mainly fine grained, dark green, faintly bedded. 79.5 - 80.5; Occasional beds of dark grey and reddish chert at 40° to core axis. 86.7 - 90.5; Medium green, sericitic, slightly coarser grained

HOLE NO.

PROPERTY

PAGE 2

LOCATION _____ BEARING _____ HOLE NO. 62-133

LOGGED BY _____ ELEVATION _____ DIP _____ FINAL DEPTH _____

STARTED _____ TESTS (CORRECTED) _____

FINISHED _____

CASING _____

CORE SIZE _____

FROM	TO	DESCRIPTION
99.0	136.0	90.5 - 92.9; aphanitic, amygdaloidal basalt <u>SILICEOUS TUFF</u>; Pale to medium grained. Highly altered (sericitic) and deformed. Fine to medium grained. 99.0 - 100.3; Finely bedded buff to dark brown chert. Bedding @ 70° to core axis 109.5 - 111.5; Very cherty section. Beds of pale green to reddish chert commonly broken and chaotic. 116.5; 2" fault breccia 121.2 - 124.1; Pale green to purple chert 131.1 - 132.5; Vert pale purple, massive, chert.
136.0	139.6	<u>ANDESITE</u> ; Massive, dark green, aphanitic.
139.6	145.6	<u>SILICEOUS TUFF</u> ; Pale to medium green, highly siliceous. Occasional intensely sericitic and/or chloritic sections, highly deformed.
145.6	147.4	<u>ANDESITE</u> ; As at 136.0 - 139.6
147.4	166.2	<u>SILICEOUS TUFF</u> ; As at 139.2 - 145.6
166.2	230.6	<u>ANDESITE</u>; Massive, dark green, aphanitic to fine grained. Occasional epidote veinlets. 200.0 - 215.6; chaotic, cherty, and very chloritic section.
230.6	234.7	<u>CHERT BRECCIA</u> ; Pale buff chert beds chaotically broken in a chloritic-sericitic matrix.
234.7	251.0	<u>ANDESITE</u> ; Dark green, may be in part tuffaceous. Moderately chloritic and occasionally schistose
251.0	287.3	<u>ALTERED SILICEOUS TUFF</u>; Highly altered, tuffaceous unit showing little consistency in composition or texture. Characterized by rapid change. Generally very soft and core is badly broken. Commonly contains white and pink quartz veins.

HOLE NO.

PROPERTY

PAGE 3

GB 133

LOCATION _____ BEARING _____ HOLE NO. _____

LOGGED BY _____ ELEVATION _____ DIP _____ FINAL DEPTH _____

STARTED _____ TESTS (CORRECTED) _____

FINISHED _____

CASING _____

CORE SIZE _____

FROM	TO	DESCRIPTION
		251.0 - 251.3; Black, highly chloritic with large (up to $\frac{1}{2}$") unsorted, angular rhyolite frags. Probably a fault breccia. 251.3 - 252.7; White to pale green chaotic breccia. Talcose and very soft. Visible rhyolite and quartz frags. 252.7 - 255.0; Olive-green to buff, moderately siliceous tuff. First 6" very chloritic 255.0 - 255.6; Interbedded buff carbonate and chloritic material. Carb. beds up to 5mm. Bedding @ 65° to core axis. 255.6 - 258.0; as at 252.7 258.4 - 259.0; Fine bedded, rhyolitic tuff. Light buff, highly alt'd, talcose and sericitic. Bedding @ 50° to core axis. 259.0 - 262.5; Chaotic, buff to green, fine to medium grained, weakly bedded, highly alt'd. 262.5 - 266.1; Dark black, highly chloritic, fine grained. Heavy quartz and epidote veining. Last 3" are coarse breccia containing mafic and silicic rock fragments up to 1". 266.1 - 267.3; Highly sericitic, very soft, buff to pale green tuff. Occasionally chloritic. Bedding @ 50° to core axis. Intense pink and white quartz veining.
267.3	352.5	ALTERED MARL LENS: Dark green, very chloritic and thin narrow pale purple chert beds occur at this contact. 352.5 - END HOLE

HOLE NO.