

PROPERTY

PAGE

LOCATION Main Grid: L. 06 S: 11+50 E BEARING Grid N HOLE NO. GR 101LOGGED BY S. Brindley ELEVATION _____ DIP 71° E FINAL DEPTH 200'STARTED Nov. 23, 1975 TESTS (CORRECTED) _____FINISHED Nov. 25, 1975CASING PulledCORE SIZE AQ

FROM	TO	DESCRIPTION
0	13.6	Overburden
13.6	88.4	<u>MASSIVE ANDESITE</u> : fine-grained, dark green andesite. only visible grains are occasional small plagioclase phenocrysts. Moderate veining by quartz and epidote. Very minor disseminated sulphides (py, cry) <u>After 65</u> : some narrow (< 1") zones of moderate to intense chloritization accompanied by minor dissem. py
88.4	90.5	<u>CHLORITE SCHIST</u> : dark black, intensely chloritic. Minor discontinuous pods and stringers of py. Total sulphides < .1 %. Core badly broken
90.5	91.2	<u>MASSIVE ANDESITE</u> : as from 13.6 - 88.4
91.2	92.9	<u>CHLORITE SCHIST</u> : as at 88.4. Increased sulphide dev't with .5-1% po & py in irregular, disconnected pods and wispy stringers
92.9	136.0	<u>MASSIVE ANDESITE</u> : as from 13.6. Occasional minor py stringers. ubiquitous epidote and quartz veining varying widely in intensity 101.2 - 114.9; very intense quartz (epidote) veining accompanied by brecciation 119.0 - 119.3; intense chloritization with .1 - .5% po & py stringers 130.0 - 131.5; highly chloritic, broken core. no sulphides
136.0	142.7	<u>RHYOLITE</u> : green-grey, very siliceous. Veined by epidote and lesser quartz. Py dissem. and in stringers throughout. Total sulphide < .5% but up to 2% in narrow (2 - 3") zones. Considerable chlorite & sericite alt'n.

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LOCATION _____ BEARING _____ HOLE NO. CE 131

LOGGED BY _____ ELEVATION _____ DIP _____ FINAL DEPTH _____

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CASING _____

CORE SIZE _____

FROM	TO	DESCRIPTION
142.7	166.2	<u>MASSIVE ANDESITE:</u> as at 13.6 154.7 - 155.9: chloritic zone with .5% py dissem. and in pods. Very siliceous in first 4" looking similar to rhyolite at 136.0 158.2 - 158.8: intense chloritization After 159.0: narrow zones (1 - 3") present containing plagioclase phenocrysts up to 40% which tend to increase in frequency and width downhole.
166.2	202.6	<u>POREPHYLITIC ANDESITE:</u> groundmass is massive, fine grained andesite as before. Contains widely varying amounts of plagioclase phenocrysts from <1 mm to 10 mm. which increase downhole reaching +20% by 172.5 189.0 - 197.5: phenocrysts are scarce and generally occur in restricted zones up to 6" wide as at 159.0 - 166.2 200.0 - 201.9: chloritic, brecciated andesite. intense veining by quartz
203.6	228.9	<u>MASSIVE ANDESITE:</u> as at 13.6. First 1.2' are intensely veined by quartz & epidote
228.9	242.1	<u>CHLORITIC ANDESITE:</u> Dark green to black, highly chloritic & soft. not appreciably veined. Core surface is pitted from plucked-out pods of chlorite. Minor narrow (< 1") zones contain up to 5% py in small disconnected pods. Lower contact @ 40° to core axis.
242.1	277.0	<u>MASSIVE ANDESITE:</u> relatively fresh, aphanitic to fine-grained. Has a "grainy" appearance probably due to slightly coarser grain size that previously.

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LOCATION _____ BEARING _____ HOLE NO. 03 123

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CORE SIZE _____

FROM	TO	DESCRIPTION
		244.5 - 245.6: intense chloritization
		247.9 - 248.5: ditto
		After 251.0: core is badly broken and chloritization is more prevalent
277.0	299.0	<u>RHYOLITE PORPHYRY</u> : Very siliceous massive gray-green rhyolite often mottled by pink feldspar phenocrysts and crystal clusters. considerable epidote veining. Upper contact area badly broken.
		288.5 - 290.5: limonite developed on fracture surfaces but no visible pyrite
299.0	301.3	<u>CHLORITIC ANDESITE</u> : dark green to black, highly chloritic, fine grained, as at 228.9.
301.3	305.0	<u>RHYOLITE PORPHYRY</u> : as at 277.0 to 299.0
305.0	320.0	<u>MASSIVE ANDESITE</u> : Fine grained. Occasional visible grains of plagioclase. Epidote veined.
		309.6 - 310.4: Pods of massive magnetite up to 1" wide within andesite
320.0	321.6	<u>PINK FELDSPAR PORPHYRY</u> : Highly siliceous, orthoclase-rich dyke. Orthoclase + Quartz = +75%. Lower contact @ 70° to core axis
321.6	327.1	<u>RHYOLITE PORPHYRY</u> : Dark green, siliceous, ubiquitous plagioclase + orthoclase phenocrysts avg. <1 mm Occasional small quartz eyes.
327.1	337.0	<u>MASSIVE ANDESITE</u> : Massive fine-grained, dark green.
327.0	348.0	<u>RHYOLITE PORPHYRY</u> : as at 321.6 - 327.1
348.0	356.5	<u>SILICEOUS TUFF</u> : siliceous, somewhat chloritic. Bedding poorly developed. Visible frags. generally rhyolite
		352.3 - 352.8: massive red ferruginous chert

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FROM	TO	DESCRIPTION
		352.8 - 356.3: red chert interbedded with siliceous tuff gives this section a pale reddish colour. Bedding @ 53° to core axis.
356.5	360.0	<u>MASSIVE ANDESITE</u> : Dark green, moderately chloritic. Slightly coarser grained than similar sections uphole (e.g. 242.1-277.0)
360.0	369.6	LOST CORE
369.6	373.5	<u>SILICEOUS TUFF</u> : Dark green, siliceous, somewhat chloritic. Frags. up to 5mm of both andesite & rhyolite present
373.5	377.6	<u>ANDESITE TUFF</u> : Massive-looking dark green to black. most visible frags <1mm. Occasional ferruginous chert frags up to 3mm
377.6	392.0	<u>VOLCANIC BRECCIA</u> : Coarse breccia. frags of mainly siliceous tuff in a chaotic deep purple matrix vary up to 3cm & poorly sorted
		385.6 - 389.0: matrix dominantly dark green & very chloritic. Intense epidote veining. Frags generally smaller (<1 cm)
		392 - END HOLE

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