

PROPERTY BOULDER CLAIMS - PROJECT 6741

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LOCATION 130 E; 15+00 S BEARING 120° (T.) HOLE NO. 6741-4
 LOGGED BY A. M. Frew ELEVATION 400-500 A.S.L. DIP 45° FINAL DEPTH 426'
 STARTED May 28, 1968 TESTS (CORRECTED)
 FINISHED June 1, 1968 At 50' - 42°
 250' - 37°
 CASING 0-16' BX; 0-48' AX 400' - 34°
 CORE SIZE BX to 48'; AX from 48'

FROM	TO	DESCRIPTION
0.0	14.0	OVERBURDEN
14.0	27.0	ANDESITE - Very fine grained, massive, medium green, weakly magnetic. Isolated stringer of pyrite as well as occasional dissemination. Slightly siliceous. Fractured at 65°-70° to core. Fracture faces coated with red hematite stain. Contact sudden at 40° to core.
27.0	61.0	ANDESITE - Medium to dark green, fine to medium grained. Moderately magnetic. Irregular hairline stringers and fracture fillings of white quartz carbonate. Minor red hematitic stain to 46'. Occasional pyrite bleb throughout with fair concentration beyond 60'. Contact gradational. 27.0 - 48.0 - Fairly siliceous. 48.0 - 61.0 - Porphyritic looking. Tiny black flecks in medium green groundmass.
61.0	78.0	SILICEOUS ANDESITE TUFF - Interbedded dark green and dark grey tuff. Dark green beds are moderately chloritic, dark grey beds are siliceous. Zones of magnetic material throughout. Occasional stringer of pyrite with trace of chalcopyrite. Bedding at 50° to core. Occasional slip at 50° to core. Contact irregular at 20° to core.
78.0	137.6	ANDESITE - Fine grained, medium to dark green. Narrow zones of weakly magnetic material. Somewhat siliceous, with blebs and stringers of pyrite throughout. 90.0 - 91.0 - Siliceous tuff. 96.0 - 98.0 - Red hematitic stain. 103.7 - 128.3 - Medium grained DYKE at 45° to core with numerous hairline stringers and fracture fillings of white to creamy quartz carbonate.

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137.6	158.0	ANDESITE PORPHYRY - Dark greenish grey, medium to coarse grained. Small well spaced subhedral phenos of pinkish to white feldspar. Also small amygdaloidal spots of epidote. Contact at 137.6 is at 50° to core. Contact out is blocky. 152.0 - 155.0 - Several inclusions of siliceous pyrite mineralized andesite.
158.0	189.6	ANDESITE - Same as 78.0' - 137.6'. Moderately magnetic. 163.- Brecciated, leached flow top. 164.8 - 1/8" stringer of chalcopyrite and pyrite cutting core at 50°. 167.0 - 169.0 - Porphyritic, tiny black specks, elongated at 60° to core. 172.5 - 173.5 - Fair concentration of stringers of pyrite, as well as disseminated blebs, up to 4% volume. 177.0 - 181.0 - Medium grained, elongated at 60° to core. 187.0 - 189.6 - Fair concentration of irregular stringers of pyrite - up to 3% volume. Contact at 189.6' is gradational.
189.6	191.8	SILICEOUS TUFF - Highly siliceous, dark grey to greenish grey, intermixed with dark green, moderately chloritic andesitic tuff. Same as 61'78'. Magnetic, moderate to strong. Fair pyrite mineralization, throughout, average about 3% volume. Contact at 45° to core.
191.8	206.0	DIORITE - Medium to coarse grained, dark grey-green to medium green. Even textured. First 8' brecciated with white quartz carbonate matrix, large fragments, non-magnetic, rock becomes finer grained over last 2 feet. Contact blocky.
206.0	209.0	ANDESITE - Fine grained, medium to dark green, massive. Weakly magnetic. Contact at 209' is sudden at 65 65° to core.

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FROM	TO	DESCRIPTION
209.0	212.0	DIORITE - Same as 191.8-206'. Finely disseminated pyrite throughout. Contact sudden at 65° to core.
212.0	214.6	ANDESITE - Similar to 206-209'. Contact at 214.6 is sudden at 70° to core.
214.6	220.0	DIORITE - Same as 209-212'. Becoming finer grained towards contact, contact gradational.
220.0	229.0	ANDESITE - Dark green, fine grained, magnetic. Red hematitic stain on fracture faces. Contact irregular.
229.0	241.0	ANDESITE - Same as 220-229'.
241.0	273.0	DIORITE - Dark grey green, medium to coarse grained with dark green to black hornblende, giving a coarse salt and pepper texture locally. Inclusions of andesite throughout. Much red hematite stain, numerous narrow quartz carbonate stringers, moderate to strongly magnetic. Contact at 273' at 85° to core, marked by 1" quartz carbonate vein.
273.0	295.0	ANDESITE - Dark green, fine grained, massive. Weakly magnetic, slightly siliceous. Occasional small bleb of pyrite, contact at 25° to core.
295.0	305.0	DIORITE - Dark green, medium to coarse grained, brecciated locally, with white quartz carbonate matrix.
305.0	426.0	ANDESITE - Very fine grained, dark green, moderately magnetic. Siliceous, massive, zone of dark specks, porphyritic at 342-349'. 307.0 - 310.0 ; 311.0 - 315.0; 316.0 - 318.5; 338.4 - 340.0 - Diorite, very blocky. Rock becomes more massive with depth.
	426.0	END OF HOLE

Note: The diorites intersected in the latter part of this hole is a stage of the underlying granite.