

12 H/1

M. J. Baylen

PROPERTY BURNT POND CLAIMS, NFLD.
Project 6741

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LOCATION Claim #5393 - 500' E & 400' S of #4 BEARING 123° (T) HOLE NO. 6741-1
Post
LOGGED BY A. M. Frew ELEVATION ----- DIP -45° FINAL DEPTH 545'
STARTED May 9, 1968 TESTS (CORRECTED)
FINISHED May 13, 1968
CASING 0-28 AXT 250' - 40°
CORE SIZE AXT 500' - 40°

FROM	TO'	DESCRIPTION
0.0	8.0	OVERBURDEN
8.0	43.0	ANDESITE - Medium green to dark green-grey, fine grained, extremely blocky over first 26'. Some rust stains on fracture faces. Weakly magnetic, occasional speck and bleb of pyrite, towards 43' fracture faces coated with red hematitic stain. Lost core 20-23'. 38 - 39 - Brecciated, fragments close packed, white quartz carbonate matrix.
43.0	81.0	ANDESITE - Fine grained, dark green, very siliceous, moderately magnetic, with zones of strong magnetic character. Moderate increase in disseminated pyrite as tiny specks, with trace of chalcopyrite as very small splashes, also narrow stringers of pyrite. Core much improved, fractures at 50° to core, several 1/2" quartz carbonate veins at 55° to core as well as fracture fillings of quartz carbonate, some 2" brecciated zones with white quartz carbonate matrix. 52 - Fair concentration of disseminated pyrite over 1". 72 - 77 - Much red hematitic stain with leaching of andesite to pale green.
81.0	187.5	ANDESITE - Very fine grained, aphanitic, dark green to black, massive and tight looking, highly magnetic, fractures at 40-50° to core. Flow banding at 50-60° to core. Rock is highly siliceous and extremely hard, scattered narrow stringer and fracture filling of pyrite with minor chalcopyrite - never exceeding 1% of volume. Zones of slightly coarser rock at 91-99' and 160-163'. Irregular quartz carbonate stringers and fracture fillings up to 1" but mostly 1/4". Zones of olivine (?) at 99', 101', 108.5', 111.5' and 144'.

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FROM	TO	DESCRIPTION
187.5	197.0	SILICEOUS ANDESITE TUFF - Very fine grained aphanitic, dark green, highly siliceous, apparent bedding 65-70° to core, strongly magnetic, narrow, well spaced, hairline stringers of pyrite with trace of chalcopyrite throughout, also hairline stringers of white quartz carbonate. 196.5 - Pink quartz carbonate stringer at 5° to core.
197.0	217.0	ANDESITE - Medium to fine grained, dark green, moderate to strongly magnetic, massive, occasional narrow stringers of pyrite and small splash of chalcopyrite. For the most part the rock has porphyritic appearance - tiny black anhedral to subhedral phenocrysts in dark green groundmass. 209 - Fair concentration of pyrite blebs and stringers over 2", somewhat siliceous.
217.0	231.0	SILICEOUS ANDESITE TUFF - Same as 187.5 to 197.0'. Well mineralized with pyrite and the odd splash of chalcopyrite. Clusters of pyrite granules over 1" otherwise mineralization never exceeds 1-2% by volume.
231.0	238.5	BRECCIA - Tiny fragments of dark green to black, siliceous andesite tuff in a weakly chloritic groundmass. Fragments are close packed, weak shearing at low angle to core, blocky, minor amount of disseminated pyrite throughout. Contact at 238.5 marked by slip at 35° to core. 236 - 238 - Lost core.
238.5	258.0	SILICEOUS ANDESITE TUFF - Same as 217-231'. Contact blocky. Cherty locally. 255.5 - 256.5 - Fair concentration of pyrite, trace chalcopyrite. 250.0 - 251.0 - Lost core.

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258.0	401.5	ANDESITE - Fine grained, dark green, occasional hairline pyrite stringers and specks of pyrite with small amounts of chalcopyrite, narrow stringers and fracture fillings of white quartz carbonate. Fractures at 45-50° to core, moderate magnetism with zones of strong magnetism. 288 - 1" quartz carbonate vein at 40° to core. 319 - 1/2" pink quartz carbonate vein at 45° to core. 350.0 - 355.0 - Porphyritic texture, tiny black anhedral phenocrysts in very fine grained dark green groundmass, phenocrysts somewhat elongated at 60° to core. 357.0 - 361.0 - Green-black, dense, highly siliceous with occasional stringer and hairline fracture filling of pyrite with trace of chalcopyrite. 361.0 - 361.7 - Cherty band - brecciated - carries finely disseminated pyrite. 362.0 - 1-1/2" vein pink quartz carbonate at 40° to core in which there are tiny fragments of andesite. 364.0 - 365.0 - Cherty rhyolite band, greenish grey to light grey mixed with buff colored rhyolite, cuts c core at 45°. 364.6 - 1-1/2" pink quartz carbonate vein at 60° to core with inclusions of angular fragments of andesite. 369.0 - 1/2" vein calcite bounded by pink quartz carbonate cuts core at 20°. 374.0 - 1" white and pink quartz carbonate cuts core at 15° - vuggy. 377.3 - 1" white quartz carbonate cuts core at 20°. 383.0 - 1" pink quartz carbonate vein cuts core at 35°. Over last 20' there is flow banding at 70° to core, contact at 401.5 is sudden at 80° to core.

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401.5	409.0	INTERBEDDED RHYOLITE AND ANDESITE TUFF - Andesite is medium to dark green, rhyolite is buff, pale green and smokey grey. Some bands and fragments of pink calcite and red iron carbonate. Insitu fracturing, especially in rhyolite bands, contact irregular.
409.0	433.0	ANDESITE - Fine grained, dark green to dark green-grey. Much quartz carbonate stringers and fracture filling, fractures at 40° to core, some cherty zones, leucoxene throughout. Contact sudden at 85° to core. 429.5 - 430.0 - Rhyolite at 65° to core, brecciated and impregnated by quartz carbonate, up to 1% volume disseminated pyrite with trace chalcopyrite.
433.0	444.0	RHYOLITE - Buff colored with patches of phenocrysts of dark green mat mineral. Fracture faces coated with pink carbonate. Out contact sharp at 80° to core.
444.0	461.0	ANDESITE - Similar to 409 - 433 with numerous patches (up to 4" wide) of brecciated rhyolite and chert. Contact at 461' sudden at 5° to core. 459 - Bunch of narrow stringers of pyrite with minor chalcopyrite over a zone 1/2" wide at 5° to core. 458.4 - 458.9 - Rhyolite
461.0	467.0	RHYOLITE - Light green-grey to medium grey, many quartz carbonate stringers at 2° to core, contact blocky. 466.0 - 467.0 - Flow banding at 1° to core, blebs and narrow stringer of pyrite, concordant with flow banding over last 1".

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467.0	545.0	ANDESITE - Fine grained (aphanitic locally), dark green to black, massive, very magnetic, siliceous zones as well as porphyritic zones as at 350-355'. 486.5 - 487.2 - Fair concentration of pyrite with minor chalcopyrite, very siliceous. 492.5 - Irregular stringer of pyrite with trace of chalcopyrite at 45° to core. 507.0 - 518.0 - Light green with leucoxene, narrow stringers and fracture filling of white quartz carbonate. 502.0 - Flow banding at 50° to core. 518.0 - 545.0 - Dark green, not so siliceous as preceeding rock, weakly chloritic, minor amount of pyrite stringers.
	545.0	END OF HOLE