

Log BJ99-05a (Extension of BJ99-05)

Celtic Minerals Ltd. / Jilbey Exploration Ltd. / Billiton Exploration Canada Ltd.

Drilling Company: Petro Drilling Company Ltd. Date Completed: May 10, 2000

Logged by: Trevor Rice Claim #: 7418 M Map Reference: 12A/15

Location: UTM NAD 27 535544.71E, 5411298.94N Grid: 9000N, L10400E

Dip collar -90°, 198.7m -89° → 237° Length: 103.58m (from 95.12-198.7m)

95.12 – 198.7	Mafic Volcanic flow, Light to dark green, weakly to moderately magnetic basaltic pillowed flow • variable hematization throughout (approx. 50-60% of core) • Amygdoidal (10-20%) – amygdules are 1-4 mm and are composed of calcite, carbonate. • Variable epidote alteration • Unit is cut by numerous calcite/carbonate veins (up to 1 cm) at 45° and 30° to ca
125.2-129.6	Fault Zone • Core is moderately broken and masked within fault gouge, noted at two sections within zone • Abundant carbonate veining, show displacement along tiny fractures • Epidotization is intense over 3m below fault zone.
137.2-139	Intermediate Dyke • Non-magnetic brown plag, k-spar phyric-intrusive dyke. plag phenocrysts are lath shaped and are chlorite altered (1-2 mm) K-spar phenocrysts are subhedral (1-3mm).
168.55-171.6m	Mafic Dyke • Dark grey-green, moderately to strongly magnetic, aphyric, massive dyke. Occasional plag (1-2m) phenocrysts. • Both upper and lower contacts are chilled. Upper contact is 45° to c.a.
180.55-185.3	Mafic/Intermediate Dyke? • Light green non-magnetic massive dyke • Few plag and possible quartz phenocrysts • Unit is contained within a broad fault zone. Upper contact is bounded by calcite/carbonate floating at 90° to ca. Insitu brecciation of mafic flow at this contact. • Fault zone gouge at 183.8-184.8 defines a much lower fault angle of 20° to ca. • Lower contact is sharp against epidotized mafic pillow/flow (40° to ca) • At 183.8m insitu hemalitized basaltic fragments.
198.7	End of Hole