

Canaco Resources Ltd	DIAMOND DRILL HOLE LOG	DRILL HOLE: PH98-01	Page: 1 of 3
Northing (m): 10 Easting (m): -20 Elevation (m): 200 Collar Azi.: 135 Collar Dip: -45 Hole Length (m): 152.4 AREA: Powderhorn Lake PURPOSE-COMMENTS: To test mineralization in outcrop.	*** Dip Tests *** Depth Azi. Dip	CORE SIZE: NQ DATE STARTED: Oct/23/98 DATE COMPLETED: Oct 24/98 DATE LOGGED: Oct 24/98 LOGGED BY: L. Pilgrim DRILLED BY: Petro Drilling CLAIM: 4559M	

5138 M

From (m)	To (m)	GEOLOGICAL DESCRIPTION	Sample	From (m)	To (m)	Log (m)	NI %	CU %	ZN %	CO %
.0	3.4	OVERBURDEN								
3.4	12.1	FG META-SANDSTONE Medium grey to black, fine grained to hornfelsic texture in places, thinly banded and foliated at 45 to core, gradational lower contact, becomes medium grained in-places, some local coarse grained, moderately foliated sections, some staurolitic looking sections from 10.5 to end of section, spotted hornfelsic texture near lower contact, occasional quartz veinlet at 50-60 to core.								
12.1	16.4	GABBRO Medium bluish grey, medium grained, granular, poorly developed mineral laminations at 30-40 to core, 40-60 % mafics, trace of cubic pyrite, upper contact mixed and gradational.								
16.4	23.4	MAFIC DIKE Medium grey fine grained, poor to moderately feldspar phyrlic, scattered plagioclase up to 5mm, good chilled contacts, epidote veinlets and pervasive epidote locally, trace pyrite with coarse cubes near contact, variably magnetic.								
23.4	25.8	GABBRO Same as 12.10-16.4, trace disseminated pyrite and along fractures.								
25.8	27.0	MAFIC DIKE Appears to be more siliceous than 16.4-23.4, very fine grained to aphanitic, some thin fine grained gabbroic bands at 45 to core, trace pyrite, moderately magnetic.								
27.0	43.3	DIORITE Medium bluish-grey, granular, medium to coarse grained, down to 28.8 more gabbroic textured phases are gradational with dioritic phases, 30.5-31.5 feldspar phyrlic, 60-40 mafic-feldspar, trace to 1% sulphides as disseminated, veinlets and inter-crystalline growths, predominantly pyrrhotite, with pyrite and trace chalcopyrite, at 30.6 trace sphalerite, 36.65-36.8 very siliceous aphanitic with 5-10% coarse grained pyrite and arsenopyrite, quartz filling fractures, 37.2-38.8 highly altered with siliceous matrix, remnant crystal forms light grey alteration with epidote, zone cross-cut at 40-50 to core by quartz/carbonate veins and stockwork, trace steel-grey metallic mineral as disseminations throughout, also trace sphalerite, lower contact very fine. Grained with 3-55 stringy pyrrhotite and pyrite, contact appears gradational but chilled, some gabbroic textured bands locally below 38.8 at 40 to core.	62501	36.6	38.3	1.7	.00	.00	.01	.003
43.3	45.4	MAFIC DIKE Medium grey, fine grained, moderately to strongly feldspar phyrlic, phenocrysts up to 2-3 mm in size, micro-gabbroic textured locally, trace cubic pyrite, good chilled contacts.								
45.4	50.2	DIORITE Dark grey to black, abundant meta-sedimentary fragments up to 40 cm in size, occasional qtz fragment, variably magnetic, trace to 1% po, py, cpy as disseminations and interstitial								

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		growths and along fractures, 20 cm light grey feldspar phyrlic ribbon dyke at 49.45.								
50.2	53.9	MAFIC DIKE SAME AS 43.3-45.5, good chilled contacts.								
53.9	60.0	FG META-SANDSTONE Fine to medium grained to hornfelsic in places, medium grey to black in colour, thinly laminated and foliated at 45 to core, locally more siliceous banding, also thin argillitic bands, chalky grey alteration spots and streaks parallel to foliation, up to 2% sulphides as disseminations along fractures locally, looks graphitic in places, occasional 2-3 cm wide qtz clots.								
60.0	61.2	MAFIC DIKE Same as 50.2-53.9, scattered qtz fragments.								
61.2	78.4	FG META-SANDSTONE Same as 53.9-60.0, to 63.0 more sulphidic with up to 5% po/py and trace cpy locally as streaks along foliations, 65.6-65.9 staurolite schist textured, at 65.4 chilled 4 cm ribbon dyke, from 65.7-68.3 spots of chalky grey alteration, locally sulphidic up to 1%, variably magnetic, foliation at 50-60 to core.								
78.4	80.2	META-ARGILLITE Dark grey to black, strongly foliated at 50 to core, sulphides up to 2-3% along foliation planes as predominantly po, py, trace cpy, 76.4-77.2 staurolite schist textured, thin meta-sandstone bands.								
80.2	81.2	INTERMEDIATE DIKE Dark grey to black, very fine grained to aphanitic, very massive, slightly to moderately magnetic, good chilled contacts.								
81.2	82.0	FG META-SANDSTONE Mixed meta-sandstone and meta-argillite.								
82.0	83.0	MAFIC DIKE Same as 60.0-61.2.								
83.0	103.6	FG META-SANDSTONE Mixed meta-sediment and meta-argillite, as above, trace to 2% sulphides along foliation at 45 to core, predominantly po/py, below 88.0 a general increase foliation at 45 to core, predominantly po/py, below 88.0 a general increase in sulphides up to 5% locally, occasional massive po band with minor cpy parallel to foliation, occasional irregular qtz vein with po/py, 102.5-103.6 quartz vein massive bull quartz with <1% po/py/cpy along fractures, also reddish brown biotite, pruplish coloured along some fractures maybe flourite.	62502	102.5	103.6	1.1	.00	.00	.01	.000
103.6	104.3	PELSITE Grey white, fine grained, granular, sugary textured, very vague foliation at 45 to core, sharp contacts, white mica along lower contact, peppered with biotite near top.								
104.3	115.2	FG META-SANDSTONE Mixed meta-sediment and meta-argillite, staurolite textured sections, moderate to strongly foliated at 25-50 to core, 109.5-110.3 light grey to massive possibly intermediate intrusive, variably magnetic, locally 5-8 cm quartz veins.								
115.2	117.8	MAFIC DIKE Same as 82.0-83.0.								
117.8	120.3	META-ARGILLITE Medium grey to black, locally graphitic schist, coarse grained pyrite stringers locally up to 10% parallel to foliation at 45								

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		to core, core conducts over several cm.								
120.3	124.9	INTERMEDIATE DIKE Fine to medium grained, massive, light to medium grained, moderately bleached and epidotized, to 123.5, cut by qtz veins and stockwork to 123.5, good chilled contacts, trace disseminated po/py.								
124.9	128.1	FG META-SANDSTONE As above, however looks more siliceous looking, 1276.4-128.1 wisps, stringers, semi-massive to massive po with trace cpy, highly conductive.								
128.1	132.9	MAFIC DIKE Same as 115.2-117.8, scattered qtz fragments.								
132.9	133.5	ORTHO META-FELSITE Grey white, aphanitic, moderately foliated at 45 to core, very similar to 103.6 to 104.3 but moderately foliated, foliation defined by ppo/py veinlets with chl?/bio, sharp contacts.								
133.5	152.4	FG META-SANDSTONE Generally more siliceous with well defined alternating bands at 45 to core, bands are defined by light grey to brown colouration possibly more biotite rich to plagioclase/Qtz rich zonations, below 139.0 generally mixed bands of meta-argillite and siliceous grey and brown bands, also influx of aplitic looking streaks and bands parallel to foliation with accompanying light grey alteration envelopes, generally very siliceous with mottled and discontinuous band, possibly greisenizing effect. 139.0 152.4 SILICIFICATION.	62503 62504	150.9 151.4	151.4 152.4	.5 1.0	.00 .00	.00 .00	.00 .01	.002 .002