

DIAMOND DRILL RECORD

LOGGED BY FRED CHOW

006232

PROPERTY SWIM LAKES "BC" GROUP, Y.T.

D.D.H. No. B-5

PAGE 1

LATITUDE _____ BEARING OF HOLE _____ STARTED Feb. 22, 1967

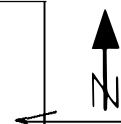
CLAIM No. _____

DEPARTURE _____ DIP OF HOLE -90° COMPLETED March 1/67

DIRECTION AND DISTANCE FROM _____

ELEVATION 3,000' lake level DIP TESTS _____ DEPTH 565 ft.

NE. CLAIM POST



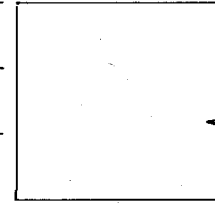
W.S.R.
K.C.G.
J.H.S.
E.F.
R.D.S.
B.C.B.
P.M.K.
G.W.M.
R.O.M.
D.K.W.

FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY			
FROM	TO			FROM	TO		Ag	Pb	Zn	
0	105	WATER:								
105	144	MUD. SEDIMENTS AND BOULDERS:								
144	225.5	QUARTZ-CHLORITE-GRAPHITE-SERICITE SCHIST:								
		Dark grey to medium black, hard, siliceous, banding clear. Rock is chloritised throughout, Graphite occurs as fine, thread-like streaks. Numerous quartz veinlets and stringers from 147 - 181 ft., varying in width from 0.01 ft. to 0.5 ft. Composition: 10% chlorite. 20% graphite. 40% sericite, 1% highly magnetic pyrrhotite - scattered in blebs, blobs and stringers, also spots of chalcopyrite, plus quartz making up remaining rock.	No Core		144.0	147.0				
		C.A. 90° @ 149 ft.. 75° @ 161 ft.. 60° @ 176 ft.. 75° @ 188 - 235 ft.	78		147.0	225.5				
225.5	249.0	QUARTZ-SULPHIDE REPLACEMENT:								
		Hard, siliceous, drag-folded. 60% pyrite in bands, 3% pyrrhotite in scattered blebs, possibly minor magnetite, minor scattered blebs of Pb-Zn & Cu.								
		235 - 249 ft: Grades approximately 0.4% Pb-Zn/	23.5		225.5	249.0				
		C.A. 65° @ 239 - 249 ft.								
			772		225.5	235.0	9.5'	0.26	TR	1.40
			773		235.0	245.0	10.0'	0.36	0.50	1.30
			774		245.0	249.0	4.0'	TR	TR	1.20
			775		249.0	259.0	10.0'	TR	TR	TR
			776		259.0	270.0	11.0'	0.16	TR	TR

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 DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____
 ELEVATION _____ DIP TESTS _____ DEPTH _____



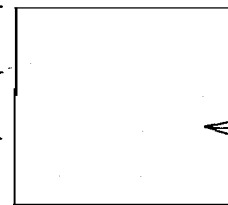
D.D.H. No. B-5 PAGE 2
 CLAIM No. _____
 DIRECTION AND DISTANCE FROM
 NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY				
FROM	TO				FROM	TO						
249.0	270.0	QUARTZ-SULPHIDE REPLACEMENT: Hard. siliceous. banding not distinct. 40% pyrite, 5% pyrrhotite, negligible Pb-Zn. C.A. 70° Average.	21.0		249.0	270.0		See assays N ^{os} 775 & 776 on page 1.				
270.0	283.5	QUARTZ-CHLORITE-GRAPHITE-SERICITE SCHIST: Gray to medium black color. Rocks similar to 147 - 225.5 ft., except bedded by more numerous quartz veinlets. 15% chlorite, 20% graphite. 5% pyrrhotite - pyrite. C.A. 70° Average.	13.5		270.0	283.5						
283.5	302.0	QUARTZ-SERICITE SCHIST: Siliceous & quartz with numerous quartz veinlets, banding distinct. 5% sericite, 20 - 25% pyrite occur in bands 0.01 ft. - 0.02 ft. wide, 1% pyrrhotite, no Pb-Zn, a few blebs of chalcopyrite. C.A. 65°	15.0		283.5	302.0						
302.0	347.0	QUARTZ-CHLORITE-GRAPHITE-SERICITE SCHIST: Dark gray to medium black, banding not distinct. schistosity clear. many quartz veinlets and stringers, sulphides occur in bands & blebs. 3% chlorite, 15% graphite, 30% sericite, 8% pyrrhotite-pyrite. C.A. 75°	45.0		302.0	347.0						

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D.D.H. No. B-6 PAGE 2
 CLAIM No. _____
 DIRECTION AND DISTANCE FROM
 NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY		
FROM	TO				FROM	TO		Ag	Pb	Zn
274.0	335.0	QUARTZ-CHLORITE-GRAPHITE-SERICITE SCHIST: Greenish black to medium black color, compact, banding faint, siliceous, a few quartz stringers, minor fractures and local drag-folds. 10% chlorite, 20% graphite, 40% sericite, 1 - 2% pyrrhotite, with minor pyrite and magnetite, no Pb-Zn mineralization. C.A. 70°.	57.5		274.0	335.0				
335.0	463.8	QUARTZ-CHLORITE-SERICITE SCHIST: Medium to dark gray color, compact, banding distinct, drag-folds @ 349 - 358 ft., a few quartz veinlets and stringers. 5 - 10% chlorite, 45% sericite, 10 - 15% pyrrhotite in bands, minor pyrite and magnetite, scattered spots of Cu-Pb-Zn between 347 - 457 ft. C.A. 70° Average.	125.8		335.0	463.8				
463.8	484.4	QUARTZ-CHLORITE-SERICITE SCHIST: Similar to 335 - 463 ft. Banding slightly undulating from 60° - 70°, minor drag-folds. Near massive pyrrhotite at 465.5 - 468 ft., with 8% magnetite and 4% Pb-Zn. More galena sphalerite, magnetite and chalcopyrite mineralization throughout core, generally in scattered blebs, slightly higher pyrite content. 463.8 - 477.4 ft: 1.5% Pb-Zn, 0.07% Cu, 3% magnetite 477.4 - 484.4 ft: 0.1% Pb-Zn, no Cu, 1% magnetite C.A. 70° Average.	5.7 6.3 7.0	777 778 779	463.8 470.6 477.4	470.6 477.4 484.4	6.8 6.8 7.0	0.76 0.10 0.04	2.90 0.40 TR	2.60 1.30 TR

DIAMOND DRILL RECORD

LOGGED BY W. Gruenwald

Kerr Addison Mines Limited

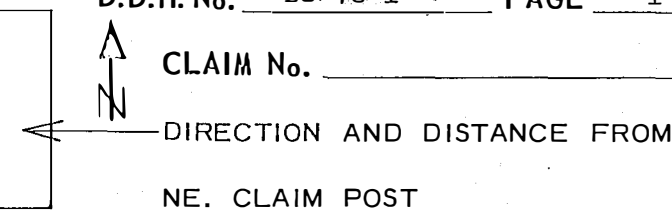
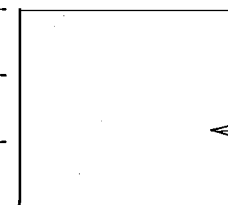
PROPERTY Swim Lake - B.C. Group - B.S. Claims

D.D.H. No. BC-73-1 # PAGE 1

LATITUDE _____ BEARING OF HOLE 180° STARTED July 27, 1973

DEPARTURE L33-11N DIP OF HOLE -60° COMPLETED Aug. 1, 1973

ELEVATION 3560' DIP TESTS 225'/-60°; 548'/-58° DEPTH 548.0'



CLAIM No. _____
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NE. CLAIM POST

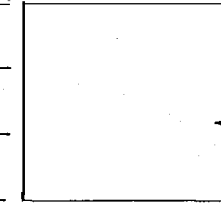
FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY			
FROM	TO			FROM	TO		Cu	Zn	Pb	Ag
0	10.0	Volcanic ash, glacial till and broken rock.								
10.0	43.0	Gray, fissile <u>sericite-chlorite-phyllite</u> which has been well oxidized due to near surface fracturing and ground water action.								
43.0	45.0	<u>Sulphide replacement</u> in gray phyllite; consists mainly of pyrite, galena and magnetite (section badly ground up).	582	43.0	45.0	2.0	0.41%	1.28%	5.25%	1.28 oz./t
45.0	59.0	Gray-green <u>sericite-chlorite-quartz phyllite</u> which shows good lamination, fissility, as well as quartz-pyrrhotite bands (1/8-1/3") containing up to 40% pyrrhotite. (Laminae $\approx 30^\circ$ to core).								
59.0	81.5	Green-gray <u>chlorite-sericite-quartz phyllite</u> having a streaky to twisted appearance resulting from contortion of the laminae. Sulphide content (mainly pyrrhotite) is from 5-10%; minor specks of chalcopryrite at 66.5' and 76.0'. Massive sulphide band; >50% pyrrhotite, <<5% combined chalcopryrite and sphalerite in a green siliceous fine-grained chloritic rock.	583	78.5	81.5	3	0.15%	0.03%	0.08%	0.04 oz./t
81.5	122.0	Greenish-gray <u>chlorite-sericite-quartz-phyllite</u> containing the usual quartz-pyrrhotite bands and quartz-chlorite impregnations. The rock is well laminated and quite fissile though locally it is complexly contorted. Sulphide content averages 5-10%. Laminae are about 20-30° to the core. 85.0 and 85.5' - small specks of chalcopryrite. 94.0' - 2" of massive pyrrhotite and $\approx 1.5\%$ Cu. 96.0-97.0' - massive pyrrhotite in quartz-chlorite band. 105.0-105.4' - massive pyrrhotite in quartz. 106.5-107.0 - section of quartz-chlorite-phyllite with $\approx 0.1\%$ Cu.	584	99.5	101.0	1.5	0.29%	0.12%	0.05%	0.32 oz./t

DIAMOND DRILL RECORD

LOGGED BY _____

D.D.H. No. BC-73-2 PAGE 2

PROPERTY Swim Lake - B.C. Group - B.S. Claims
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 DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____
 ELEVATION _____ DIP TESTS _____ DEPTH _____



CLAIM No. _____
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 NE. CLAIM POST



FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY			
FROM	TO			FROM	TO		Cu	Zn	Pb	Ag
165.0	173.0	Mottled green and white quartz-chlorite (actinolite?) material with phyllitic fragments enclosed. 5-10% sulphides with pyrrhotite constituting most of the sulphides while galena and sphalerite (in calcite) made up about 0.1%.								
173.0	258.5	Gray-green sericite-chlorite-quartz phyllite containing numerous quartz-chlorite bands and small grains of pyrrhotite. 189' - small section of quartz-chlorite-epidote containing about 10% pyrite and minor folding. 195.5' - intense folding (laminae 30° to core). 245.0' - a 6" section of quartz-chlorite bands in phyllite carrying traces of pyrrhotite, pyrite, galena and sphalerite. Average sulphide content is ≤ 5% (mainly pyrrhotite and pyrite).								
258.5	268.5	Sericite-chlorite phyllite containing the usual quartz-chlorite bands. 262.0-263.5' - very crumbly phyllite. 262.0' - slickensided material, could account for the contorted and crumbly nature of the rock. Angle of fault to core angle is steep.								
263.5	418.5	Gray to grayish green sericite-chlorite-quartz phyllite; finely laminated and fissile. Laminae are gently warped in areas of quartz-chlorite impregnations. Degree of warping or folding depends on amount of quartz-chlorite banding. Sulphide content (pyrrhotite, pyrite, minor chalcopyrite) is ≤ 5%. Small scale faulting and folding at 376.5'. Laminae 0° at 285', 5° at 305', 25° at 330', 10° at 370'.								
418.5	440.5	A section of quartz-sericite-chlorite phyllite which has undergone extensive folding and quartz banding. Sulphides observed include pyrrhotite, pyrite, minor chalcopyrite and very minor sphalerite all of which make up about 5-10% of the rock though locally as at 435.5'-439.5' as much as 50% of the rock is sulphides.	574	435.5	439.5	4'	0.09%	0.01%	0.01%	0.10 oz./to
440.5	522.0	Light green-gray chlorite-sericite-quartz phyllite; generally slightly contorted, Fissile and finely laminated. Sulphide content (pyrrhotite) 2-5%. 456'-4" section of 60% sulphides - 55% pyrrhotite and 5% pyrite. 469-70.5' - 30% pyrrhotite in chlorite phyllite with minor chalcopyrite. Other numerous sections of fairly	575	469.0	470.0	1'	0.14%	0.14%	0.09%	0.24 oz./to

