

DIAMOND DRILL RECORD

LOGGED BY W. Gruenwald

016207

Kerr Addison Mines Limited

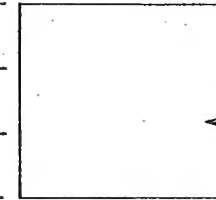
PROPERTY Swim Lake - B.C. Group - B.S. Claims

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

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

DEPARTURE 133-11N DIP OF HOLE -60° COMPLETED Aug. 1, 1973

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



CLAIM No. _____

DIRECTION AND DISTANCE FROM

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° 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 chalcopyrite at 66.5' and 76.0'. Massive sulphide band; >50% pyrrhotite, <<5% combined chalcopyrite 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 chalcopyrite. 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

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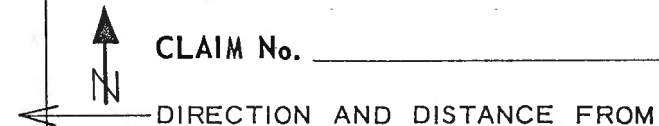
PROPERTY Swim Lake - B.C. Group - B.S. Claims

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

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

CLAIM No. _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____



ELEVATION _____ DIP TESTS _____ DEPTH _____

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' - sliksided 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 chalcopryite) 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 chalcopryite 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 chalcopryite. Other numerous sections of fairly	575	469.0	470.0	1'	0.14%	0.14%	0.09%	0.24 oz./to

