DIAMOND DRILL RECORD

LOGGED BY T. LaRose

PROPERTY SWIM LAKES 'A' GROUP

D.D.H. No. A-43-71 PAGE 1

LATITUDE Line 93W BEARING OF HOLE Vertical STARTED August 23, 1971.

DEPARTURE 10+00N of B.L. #3 DIP OF HOLE -90° COMPLETED August 29, 1971.

ELEVATION 3200' DIP TESTS DEPTH 500'

CLAIM No. 14

DIRECTION AND DISTANCE FROM NE. CLAIM POST

006236

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY
0'	7'	OVERBURDEN:					
7'	56.6'	QUARTZ SERICITE SCHIST: Hard, 40% quartz, moderately oxidized (15%). Core broken in little chips, no sulphides. Grey colour. Banding indistinct. C.A. 85° Core Recovery - 80%.					
56'	64.0'	QUARTZ SERICITE SCHIST: Highly oxidized (80%), badly decomposed, no sulphides, reddish-brown colour. Core Recovery 75%. C.A. 85° at 63'. From 64' to 67' 6" core recovery.					
64.0'	103.0'	QUARTZ GRAPHITE SERICITE SCHIST: 40% graphite, fissile in sections, very hard. Graphite occurring along bedding in narrow bands. Minor oxidation along fractures and bedding. Colour greyish-black. Negligible sulphides. Core Recovery - 90%. C.A. 80° at 91'.					
103.0'	122.6'	QUARTZ SERICITE SCHIST:					

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LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

N

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY
		Hard and compact, greyish-green colour, 60% quartz, banding distinct, minor pyrite-pyrrhotite mineralization finely disseminated, few specks of chalcopyrite, lightly chloritized. From 114.0' to 114.6' quartz vein. Slightly magnetic. Minor dragfolding at111.0'.					
122.6'	131.0'	QUARTZ GRAPHITE SERICITE SCHIST: Hard and compact, greyish-black colour. Graphite occurring in narrow bands along bedding, 15% graphite. Minor pyrite scattered. C.A. 75° at 130.0', 80° at 124.0'. Core Recovery - 100%.					
131.0'	202.0'	QUARTZ SERICITE SCHIST: Hard and compact, greyish-green colour, banding distinct, 60% quartz, minor oxidation. Numerous tiny bands of quartz at right angles to core. 15% chloritized in sections. Negligible sulphides. C.A. 85° at 148.0', 80° at 196.0'. Core Recovery - 100%.					
202.0'	218.0'	QUARTZ GRAPHITE SERICITE SCHIST:					

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DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY
		Hard and compact, black, minor pyrite occurring in blobs and tiny					
		specks. C.A. 85° at 210.0'. Dragfolding occurring at 214.0'. Core Recovery - 95%.					
218.0'	252.10'	QUARTZ SERICITE SCHIST:					
		Medium hard, light grey in colour, 10% oxidized. Quartz veinlets					
		occurring at 231.0', 248' to 248.6' and 249'. Minor pyrite-pyrrhotite					
		mineralization. Core Recovery - 80%. C.A. 80°.					
252.10'	261.0'	QUARTZ GRAPHITE SERICITE SCHIST:					
		Black in colour, banding indistinct, numerous tiny veinlets of quartz					
		at various angles to core. Fissile in section. Minor blobs of pyrite along					
		bedding. 80% core recovery.					
261.0'	328.0'	QUARTZ SERICITE SCHIST:					
		Black colour, hard and compact. 60% quartz, negligible sulphides.					
		Tiny bands of quartz (scattered). 3" chloritic material at 293.0'. Minor drag-					
		folding occurring at 277.3' and at 321.6'. Minor oxidation at 271.0' along					

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LATITUDE _____ BEARING OF HOLE _____ STARTED _____

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DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY
		fractures. Tiny bands of graphite and chlorite from 272' to 328'. C.A. 85°.					
		Core Recovery - 100%.					
328.0'	358.6'	QUARTZ SERICITE GRAPHITE SCHIST:					
		Hard and compact, greyish-black, 60% quartz, banding distinct in sections,					
		minor chlorite in sections. Graphite occurring along bedding in tiny bands					
		becoming more massive. From 338' to 342' banding badly distorted. Minor					
		dragfolding. Negligible sulphides. Core Recovery - 100%.					
358.6'	368.0'	QUARTZ SERICITE SCHIST:					
		Medium hard, greyish colour, banding distinct, fissile, no sulphides.					
		From 363' to 368' 1 foot of core recovered, 358' to 363' 4 feet of core recovered.					
368.0'	378.0'	QUARTZ SERICITE GRAPHITE SCHIST:					
		Hard, black, banding distinct. Quartz veinlets occurring at 373',					
		373.6', 376', 376.6' and 377.0'. Graphite occurring in narrow bands along bedding.					
		From 371' to 372' dragfolding. Minor pyrite mineralization occurring along					

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DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY
		bedding. Minor band of pyrrhotite occurring at 372.6'. C.A. 80°. Core Recovery					
		100%.					
378.0'	421.0'	QUARTZ SERICITE SCHIST:					
		Medium hard, greyish colour, banding distinct, fissile in sections,					
		55% quartz, negligible sulphides. Core Recovery - 80%. C.A. 80°.					
421.0'	437.6'	QUARTZ SERICITE SCHIST;					
		Medium soft, greyish colour, fissile in sections, banding distinct.					
		Minor graphite material occurring along bedding in narrow bands. Negligible					
		sulphides. Minor chloritic material in sections. Dragfolding occurring at					
		427.0'. Quartz vein occurring at 426.6' 3" wide and at 428.0' 4" wide.					
		C.A. 80° at 428.0'.					
437.6'	503.0'	QUARTZ SERICITE GRAPHITE SCHIST:					
		Medium hard, greyish black colour, fissile in sections. Graphite					
		increasing from 473.0' (30%), occurring in narrow thin bands along bedding.					

DIAMOND DRILL RECORD

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LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

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DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY
		Dragfolding occurring at 489.0', fault at 502.0'. Negligible sulphides.					
		Quartz vein at 486.0' 4" wide. Minor chloritic material at 493.9'.					
		C.A. 80° at 479.0', 75° at 493.0'.					
503.0'	504.0'	QUARTZ SERICITE SCHIST:					
		Negligible sulphides. C.A. 75°.					
	504.0'	END OF HOLE					
		NOTE: Core left at drill sight.					

DIAMOND DRILL RECORD

LOGGED BY T. LaRose

PROPERTY SWIM LAKES 'A' GROUP

D.D.H. No. A-41-71 PAGE 1

LATITUDE 14,050.0 N BEARING OF HOLE 530°W STARTED July 15, 1971.

DEPARTURE 60,790.0 E DIP OF HOLE -60° COMPLETED July 27, 1971.

ELEVATION _____ DIP TESTS 300'-61°, 600'-75.5° DEPTH 648.4'

CLAIM No. 23

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Au	Ag	Pb	Zn	Cu
0'	17'	OVERBURDEN:									
17'	32.6'	QUARTZ GRAPHITE SERICITE SCHIST:									
		Core broken into chips and flakes, highly oxidized. No sulphides.									
32.6'	41.6'	QUARTZ SERICITE SCHIST:									
		Highly oxidized, fissile in part, dragfolding occurring at 38.6'.									
		5-10% quartz. No sulphides. C.A. 60° at 34'. Core Recovery - 100%.									
41.6'	59.6'	GRAPHITE SERICITE SCHIST:									
		Highly fissile, moderate oxidation, 48 to 48.8' highly oxidized.									
		70% graphite. No sulphides. C.A. 70° at 49'. Core Recovery - 66%.									
59.6'	132.6'	QUARTZ SERICITE SCHIST:	557(13)	65'	96'	7.6'		.60	1.35	1.16	.5
		Badly decomposed, highly oxidized throughout, bleached in part. Pyrite				Note: Core recovery 7.6' out of 31'.					
		mineralization from 59.6' to 106.0' (30%) - few specks of chalcopyrite. 10%									
		quartz. C.A. 65° at 61'. Core Recovery - 65%.									

DIAMOND DRILL RECORD

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LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

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DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Au	Ag	Pb	Zn	Cu
132.6'	167.0'	QUARTZ SERICITE SCHIST:									
		30% oxidized, moderately bleached, badly decomposed in part. 135.6'									
		to 138.6' 30% quartz, remainder of section 10% quartz. Quartz veinlets occurring									
		from 149.7' to 163'. Pyrite mineralization occurs in all quartz veinlets, few									
		specks of chalcopyrite. C.A. 55° at 139'. Core Recovery - 60%.									
167.0'	183.0'	QUARTZ GRAPHITE SERICITE SCHIST:	558(14)	170.6'	178.0'	7.4'		1.28	2.15	3.78	.12
		Decomposed in part, minor oxidation, banding indistinct. 40% quartz,	559	178.0'	195.0'	5.6		.20	.65	.82	--
		25% disseminated pyrite and in bands. Minor chalcopyrite and lead-zinc.									
		Core Recovery - 50%.									
183.0'	209.6	QUARTZ GRAPHITE SCHIST:	560	195	209.6	5'		.04	--	--	--
		Badly decomposed, (very crumbly) 10% quartz, 70% graphite. Minor									
		pyrite mineralization. Core Recovery - 40%.									
209.6	227.6	QUARTZ SERICITE CHLORITE SCHIST:									
		Medium soft, greyish green colour, bleached, moderately oxidized. From									

DIAMOND DRILL RECORD

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LATITUDE _____ BEARING OF HOLE _____ STARTED _____

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DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY
		209.6' to 217.6' 50% quartz and 5% pyrite mineralization, few specks of chalco-					
		pyrite. 216.4' quartz vein one foot wide, no sulphides. From 217.0' to 227.6'					
		15% quartz and .5% pyrite, few specks of chalcopyrite. 15 to 20% chlorite.					
		C.A. 70° at 223.0'. Core Recovery - 95%.					
227.6'	230.0'	QUARTZ SERICITE SCHIST:					
		Banding indistinct, 65% quartz, 15% disseminated pyrite-pyrrhotite,					
		pyrite dominates. Minor chalcopyrite. Core Recovery - 100%.					
230.0'	258.6'	QUARTZ SERICITE SCHIST:					
		Medium soft, 15% quartz, 40% chlorite. Slightly oxidized from 230.0'					
		to 238.0', moderately bleached, greyish-green colour, fissile in part. 3% sulphides					
		occurring in narrow bands. Narrow band of lead at 244.0'. C.A. 70° at 258'.					
		Core Recovery - 95%.					
258.6'	262.9'	QUARTZ SERICITE SCHIST:					
		Medium soft, fissile, greyish colour. 20% quartz, 80% sericite. No					

DIAMOND DRILL RECORD

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PROPERTY _____

D.D.H. No. A-41-71 PAGE 4

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY
		sulphides. C.A. 75° at 260.0'. Core Recovery - 100%.					
262.9'	273.0'	QUARTZ ZONE CONTAINING 15% PYRITE-PYRRHOTITE MINERALIZATION:					
		Few specks of chalcopyrite, very hard and compact, 85% quartz.					
		Sulphides occurring in bands and disseminated. Core Recovery - 100%.					
273.0'	287.9'	QUARTZ SERICITE CHLORITE SCHIST:					
		Medium hard, 30% quartz, 10% chlorite, 5% oxidation and lightly					
		bleached. Quartz veins occurring at 276.6', 278.5', 286.0' and 287.0'. Greyish					
		green colour, minor sulphides. C.A. 60° at 276.0'. Core Recovery - 38%.					
287.9'	318.0'	QUARTZ SERICITE SCHIST:					
		Medium hard, fissile in part, dark grey colour. Quartz veinlets					
		occurring at 288.0', 290.3', 291.0' and 293.9'. Fault at 295.0'. 30% quartz,					
		no sulphides. Dragfolding occurring at 301.8' and at 305.6' to 306.6'.					
		C.A. 70° at 298.0'. Quartz vein at 318', minor sulphides associated. Core					
		Recovery - 85%.					

DIAMOND DRILL RECORD

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PROPERTY _____

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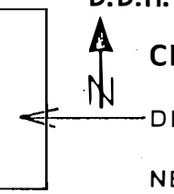
LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____



CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY
318.0'	404.8'	QUARTZ SERICITE SCHIST:					
		Hard, buff colour, strongly bleached, fissile in part. Dragfolding					
		occurring at 331.5' and 350.0'. Moderately oxidized, pyrite mineralization					
		occurring as disseminated and in bands (5-10%). 40% quartz. Oxidation decreases					
		from 394.3' to 404.8'. Dragfolding at 395.6' 400.6' quartz vein broken into					
		pebbles. 3" band of pyrite at 380.9' (20%), few specks of chalcopyrite.					
		C.A. at 394.6'-50°, 60° at 354.9'. Core Recovery - 75%.					
408.0'	410.3'	QUARTZ VEINLET:					
		Core broken into pebbles. Minor pyrite mineralization.					
410.3'	606.0'	QUARTZ SERICITE SCHIST:					
		Medium hard, dark grey in colour, banding distinct. At 422.5' to 427'					
		core badly decomposed (fault?), 417' to 422.5' minor oxidation. 446' to 471'					
		lightly chloritized. Fissile in part. Dragfolding occurs at 523.4 to 524.4',					
		and at 536.6' to 537', 537.6' to 538'. Numerous quartz veins occurring throughout					
		.1" to .6" wide. 20% graphite occurring in narrow bands at 566.3' to 568.8',					

DIAMOND DRILL RECORD

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PROPERTY _____

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LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

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CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY
		minor pyrite mineralization (2%).					
		C.A. 60° at 435', 70° at 451', 72° at 478', 60° at 490', 60° at 511', 60° at 519',					
		60° at 558', 70° at 577', 60° at 596'. Core Recovery - 80%.					
606.0'	611.0'	QUARTZ CHLORITE SERICITE SCHIST:					
		Hard and compact, 25% chlorite, 40% quartz. Banding indistinct.					
		Greenish-grey colour. No sulphides.					
611.0'	648.4'	QUARTZ GRAPHITE SCHIST:					
		Black, hard, 30% quartz, 65% graphite 611.3' to 612.0' quartz vein,					
		minor chalcopyrite, minor pyrite occurring along bedding in bands and blocks					
		(1-2%). C.A. 55° at 620', 60° at 626', 60° at 638', 63° at 648'.					
		Core Recovery - 95%.					
	648.4'	END OF HOLE.					

DIAMOND DRILL RECORD

LOGGED BY Ted LaRose

DEC 10 1969

PROPERTY Swim Lakes "A" Group, Y.T.

D.D.H. No. A-40 PAGE 1

LATITUDE 24+50N BEARING OF HOLE STARTED Nov. 23/69

CLAIM No. SWim 37

1250 S29W

DEPARTURE 25+50W DIP OF HOLE -90° COMPLETED Nov. 28, 1969

DIRECTION AND DISTANCE FROM NE. CLAIM POST

ELEVATION 2860' DIP TESTS DEPTH 402'

H casing - 12', NX - 80', BX - 145', AX - 146', AQ - 402'

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. ft.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY			
0	146.6	OVERBURDEN:	O.B.		0	146.0					
146.6	261.6	QUARTZ SERICITE SCHIST:	115.0		146.6	261.6					
		Grey to greenish grey color. Slightly siliceous, fissile in part. Medium soft rock. Uniformly siliceous to end of hole. 20% quartz, 15% chloritized, 65% sericite. 216.6 to 217.6 80% quartz. Uniformly mineralized throughout hole. 0.5 to 1.0% pyrrhotite and pyrite, disseminated and broken bands, few spots of chalcopyrite. Quartz veins at 269.8', 210.6', 235.5', 2" to 6" side. Faulting occuring at 222'. Dragfolding at 184'.									
		C.A. 70° at 198, 60° at 212, 60° at 239, 65° at 249, 70° at 266, 75° at 290.									
261.6	380.0	QUARTZ SERICITE SCHIST:	36.4		261.6	298.0					
			7.0		298.0	308.0					
		Similar to 146.6 - 261.6' except higher (35% to 45%) quartz and	3.0		308.0	311.0					
		minor increase in sulphides. At 339.6 quartz vein 6" wide.	5.0		311.0	316.0					
		C.A. 80° at 315' (?), 70° at 324, 75° at 343, 70° at 358, 70° at 390,	6.5		316.0	324.0					
		75° at 402.	1.5		324.0	327.0					
			1.9		327.0	330.0					
			3.0		343.0	347.0					
			4.5		347.0	353.0					
			27.0		353.0	380.0					
380.0	388.6	SERICITE QUARTZ CHLORITE SCHIST:	8.6		380.0	388.6					
		Hard - compact. Greenish color. Pyrrhotite - pyrite mineralization									

J.H.S. ✓
F.A.
B.C.B.
I.D.R.
G.M.H.
P.K.

DIAMOND DRILL RECORD

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LATITUDE _____ BEARING OF HOLE _____ STARTED _____

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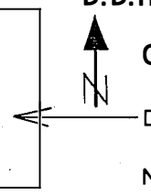


CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY
		disseminated and few bands. 65% quartz, 25% chlorite, 0.5% sulphides ?					
		C.A. 75° at 382.0, 70% at 387.0.					
388.6	402.0	QUARTZ SERICITE SCHIST: 13.4		388.6	402.0		
		Grey to greenish grey color. Banding distinct. Lightly siliceous,					
		chloritized 10%, 35% quartz. Few spots of sulphides.					
		C.A. 80° at 395.6.					
	402.0	END OF HOLE.					

DIAMOND DRILL RECORD

LOGGED BY Ted LaRose   DEC 10 1969

PROPERTY Swim Lakes "A" Group, Y.T.   D.D.H. No. A-39   PAGE 1

LATITUDE 34+00N   BEARING OF HOLE S45°W   STARTED Oct. 25/69   CLAIM No. Swim 40

DEPARTURE 34+00W   DIP OF HOLE -88°   COMPLETED Nov. 8/69 3:30 A.M.   DIRECTION AND DISTANCE FROM NE. CLAIM POST

ELEVATION 2,945 ft.   DIP TESTS   DEPTH 412 feet

Hole Size:/ H casing 0' - 13', NX - casing 76', BX-casing 146', AX -casing 152', AQ - 412'

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. ft.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY			
0	152	OVERBURDEN	O.B.		0	152					
		Recovered few pieces of granite rock.									
152	175	QUARTZ-SERICITE-SCHIST:	12.5		152	175					
		Bleached to buff and oxidized, fissile in part. No sulphides. 65% quartz, 35% sericite. C.A. 60° at 154', 45° at 170'.									
175	186	QUARTZ SERICITE SCHIST:	4.5		175	180					
					184	186					
		Light grey, oxidized along bedding planes. No Sulphides. 60% quartz, 40% sericite to 177', 70% quartz and 30% sericite to 186'. C.A. 55° at 173.5', 45° at 178'.	N.C.		180	184					
186	221.5	QUARTZ SERICITE SCHIST:	28.0		186	221.5					
		Medium grey color, slightly fissile. Scattered pyrrhotite mineralization - disseminated and broken bands. (0.3%)? C.A. 60° at 193', 65° at 196', 60° at 202', 50° at 211'.									
221.5	233.0	QUARTZ SERICITE SCHIST:									
		Strong alteration, bleached. 40% quartz, 60% sericite. Minor	3.5		221.5	233.0					

J.H.S.
P.A.K. ✓
R.D.S.
B.C.S.
G.M.H.
P.K.

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

D.D.H. No. A-39 PAGE 2

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	REC ft.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY
		sulphides, pyrite and magnetite. C.A. 65° at 224.5'.						
233.0	260.8	QUARTZ CHLORITE SERICITE SCHIST: Siliceous, compact and hard, light in color. 60% quartz, 20% chlorite 20% sericite. Minor sulphides - mainly pyrrhotite occuring as dissemination. (0.2%)? Some magnetite. C.A. 85° at 239', 75° at 252', 80° at 257.8'.	27.8		233.0	260.8		
260.8	292.0	QUARTZ SERICITE SCHIST: Slightly siliceous, fissile in part, banding distioct. 35% quartz, 65% sericite. Scattered pyrrhotite mineralization - disseminated. 279.6 to 281.4 - faulting. 283.0 - faulting. C.A. 70° at 265', 60° at 283'. 63° at 289'	31.2		260.8	292.0		
292.0	369.0	QUARTZ SERICITE SCHIST: Highly siliceous, fissile from 299 to 306.8', from 309 to 348 - quartz banding distinct. Minor alteration to 361.6, hard to compact. To 309.0 40% quartz and 60% sericite, 309.0 to 348.0 80% quartz and 20% sericite. From 361.6 to 369 moderate alteration. From 348 to 369.0 35% quartz, 65% sericite, ~~core recovery~~ Minor disseminated pyrrhotite mineralization. C.A. 70° at 303, 73° at 312, 65° at 327.6, 70° at 342, and 65° at 350.	75.0 1.5		292.0 367.0	369.0 369.0		

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-39 PAGE 3

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec ft.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY
369.0	383.0	QUARTZ SERICITE SCHIST:	0.2		369.0	370.0		
			0.3		370.0	377.0		
		Core broken in chips. bleached to white. (French chalk). Minor	2.0		377.0	379.0		
		pyrite at 379'.	0.6		379.0	380.0		
		C.A. 75° at 369.6'.	2.6		380.0	383.0		
383.0	412.0	QUARTZ CHLORITE SERICITE SCHIST:	29.0		383.0	412.0		
		Greenish-grey color. Banding distinct. Medium soft. Quartz veins						
		at 400.3', 401.6 to 403.11, 405.4 to 406, and 407.9.						
		Minor disseminated pyrrhotite mineralization, blebs of pyrrhotie and						
		pyrite in Quartz veings. 20% ? Quartz, 25% chlorite.						
		C.A. 70° at 389', 75° at 394.6', 72° at 409.3'.						
	412.0	END OF HOLE.						

DIAMOND DRILL RECORD

LOGGED BY F. Chow.

PROPERTY Swim Lakes "A" Group.

D.D.H. No. A-38 PAGE 1

LATITUDE 14,304.92 N BEARING OF HOLE S 31°24'W STARTED October 2nd, 1966.

DEPARTURE 59,542.89 E DIP OF HOLE Collar -58° COMPLETED

ELEVATION Collar 3619.36' DIP TESTS @ 200' True angle = 60°30' DEPTH

CLAIM No.

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Ozs/T Gold	Ozs/T Silver	Pb%	Zn%	Cu%
0.0	32.0	OVERBURDEN:										
		Cored a few pieces of granitic rock and graphitic schist.	O.B.		0.0	32.0						
32.0	67.0	NO CORE:	N.C.		32.0	67.0						
67.0	92.0	QUARTZ SERICITE GRAPHITE SCHIST:										
		Black, slightly fissile, unaltered except for minor oxidation along bedding planes. No sulphides, 20% quartz, 25% sericite, 55% graphite.	8.0		67.0	92.0						
		C.A. 60° @ 78.0; 45° @ 91.0										
92.0	263.0	QUARTZ GRAPHITE SERICITE SCHIST:										
		Medium grey colour, unaltered, negligible pyrite .										
		30% quartz, 25% graphite and 45% sericite to 167.0										
		40% " , 15% " " 45% " from 167.0 - 194.0										
		50% " , 25% " " 25% " from 194.0 - 263.0.										
		C.A. 60° @ 114.0 - 175.0; 55° @ 180.0; 50° @ 185.0										
		45° @ 192.0 - 233.0; 50° @ 234.0; 70° @ 247.0; 40° @ 250.0; 45° @ 255.0 -										
		263.0										

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY Swim Lakes "A" Group.

D.D.H. No. A-37 PAGE A

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION OF SLUDGES	Discard	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY
15.0	21.0	Sericite-graphite schist, rusty.	✓					
21.0	26.5	Graphitic schist, rusty.	✓					
26.5	31.5	Graphitic schist.	✓					
31.5	36.0	Graphitic schist.	✓					
36.0	41.0	Graphite-sericite schist.	✓					
41.0	48.0	Graphite-sericite schist, rusty.	✓					
48.0	56.0	Graphite-sericite schist, rusty.	✓					
56.0	62.0	Graphite-sericite schist, rusty.	✓					
62.0	68.0	Graphite-sericite schist, rusty, negligible pyrite.	✓					
68.0	73.0	Graphite-sericite schist, rusty, 1-2% pyrite.	✓					
73.0	78.0	60% pyrite, quartzy, graphite-sericite schist, rusty.		732	73.0	78.0	5.0	
78.0	83.0	Massive sulphides, graphite, rusty		733	78.0	83.0	5.0	
83.0	88.0	Massive sulphides.		734	83.0	88.0	5.0	
88.0	93.0	Massive sulphides.		735	88.0	93.0	5.0	
93.0	98.0	Massive sulphides, flecks of quartz (rusty).		736	93.0	98.0	5.0	
98.0	103.0	Massive sulphides.		737	98.0	103.0	5.0	
103.0	108.0	Quartz - 60% sulphides.		738	103.0	108.0	5.0	

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY Swim Lakes "A" Group.

D.D.H. No. A-37 PAGE B

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Discard	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY
108.0	113.0	Quartz-sericite schist, 30% sulphides.		739	108.0	113.0	5.0	
113.0	118.0	Quartz-sericite schist, negligible pyrite.		743	113.0	118.0	5.0	
118.0	122.5	Quartz-sericite schist, rusty.		744	118.0	122.5	4.5	
136.5	142.0	Quartz-sericite schist.	✓					
142.0	147.0	Quartz-sericite schist.	✓					
160.5	165.5	Graphite-sericite schist.	✓					
177.5	182.0	Quartz-sericite schist, rusty.	✓					
188.0	193.0	Quartz-sericite schist, rusty.	✓					
193.0	198.0	Quartz-sericite schist.	✓					
198.0	205.0	Quartz-sericite schist.	✓					
212.5	217.0	Quartz-sericite schist.	✓					

DIAMOND DRILL RECORD

LOGGED BY E. Chow.

PROPERTY Swim Lakes "A" Group.

D.D.H. No. A-37 PAGE C

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Discard	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY
240.5	243.0	Quartz-sericite schist, bleached, 1% oxidation, no pyrite.	✓					
261.0	264.0	Quartz-sericite schist, bleached, 1% oxidation, no pyrite.	✓					
271.5	273.5	Quartz-sericite schist, bleached, 1% oxidation, no pyrite.	✓					
273.5	280.0	" " " " , 3% oxidation, negligible pyrite.	✓					
283.0	286.5	Quartz-sericite schist, bleached, 3% oxidation, negligible pyrite.	✓					
286.5	293.0	" " " " , 1% oxidation, negligible pyrite.	✓					
293.0	296.5	" " " " , <1% oxidation, < 1% pyrite.	✓					
300.0	304.5	Quartz-sericite schist, bleached, 2% oxidation, egligible pyrite.	✓					
324.5	328.0	Quartz sericite schist, greyish, bleached, 1% oxidation, negligible pyrite.	✓					
364.5	368.5	Quartz-sericite schist, greyish, bleached, 5% oxidation, 1% pyrite.	✓					
368.5	370.5	Quartz-sericite schist, greyish, bleached, 2% oxidation, 1% pyrite.	✓					

DIAMOND DRILL RECORD

LOGGED BY F. Chow

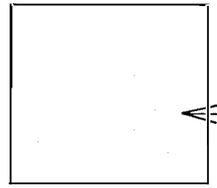
PROPERTY Swim Lakes "A" Group.

D.D.H. No. A-37 PAGE D

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____



CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Discard	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY
380.5	384.0	Quartz sericite schist, greyish, bleached, 2% oxidation, 1% pyrite.	✓					
427.0	431.0	Massive pyrite.	✓					

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY Swim Lakes "A" Group.

D.D.H. No. A-37 PAGE 1

LATITUDE 14,075.89 N BEARING OF HOLE STARTED October 1st, 1966.

DEPARTURE 60,336.28 E DIP OF HOLE -90° COMPLETED October 11th, 1966

ELEVATION 3583.61' DIP TESTS DEPTH 456'

COLLAR:

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

CLAIM No.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Ozs/T Gold	Ozs/T Silver	Pb%	Zn%	Cu%
0.0	17.0(?)	OVERBURDEN:	0.0		0.0	15.0						
		Cored granitic boulder (?)	0.3		15.0	17.0						
17.0	38.0	QUARTZ GRAPHITE SCHIST:										
		Black, fissile to 27.0'. Core broken and pebbled. C.A. 90° @ 21.0	1.5		17.0	38.0						
38.0	48.0	QUARTZ SERICITE GRAPHITE SCHIST:										
		70% oxidized - medium brown rust. No sulphides. Local drag-folds. C.A. 65° @ 45.0	2.5		38.0	48.0						
48.0	56.0	QUARTZ SERICITE SCHIST:										
		80% oxidized - medium brown rust. Drag-folded, movement parallel to bedding. No sulphides. C.A. 60°	2.0		48.0	56.0						
56.0	63.0	NO CORE	0.0		56.0	63.0						
63.0	69.0	QUARTZ-SERICITE-GRAPHITE SCHIST:										
		Black, fissile, 40% quartz, 5% sericite, 55% graphite. Drag-folded, movement parallel to bedding. C.A. 60°	1.5		63.0	69.0						
69.0	78.0	QUARTZ-GRAPHITE-SERICITE SCHIST:										
		60% oxidized - medium brown rust, no sulphides. C.A. 70°	1.2		69.0	78.0						

DIAMOND DRILL RECORD

LOGGED BY E. Chow.

PROPERTY Swim Lakes "A" Group.

D.D.H. No. A-37 PAGE 2

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Pb%	Zn%	Cu%
			SLUDGE	732	73.0	78.0	5.0					
78.0	98.0	MASSIVE SULPHIDES:										
		78.0 - 88.0 A few pieces of core recovered, 90% pyrite, 2% Pb-Zn.	0.05		78.0	88.0						
		88.0 - 98.0 Pyrite sand recovered.	0.3		88.0	98.0						
		SLUDGES		733	78.0	83.0	5.0					
		"		734	83.0	88.0	5.0					
		"		735	88.0	93.0	5.0					
		"		736	93.0	98.0	5.0					
98.0	105.0	NO CORE: SLUDGES		737	98.0	103.0	5.0					
		"		738	103.0	108.0	5.0					
105.0	110.5	QUARTZ-SERICITE SCHIST:										
		Core ground and pebbled; 10% barren and rusty schist, 90% contains sulphides in siliceous matrix - 50% pyrite, 8% Pb-Zn, 15% magnetite, 0.2% Cu.	0.7	740	105.0	110.5	5.5					
		SLUDGE		739	108.0	113.0	5.0					
110.5	112.0	QUARTZ-SERICITE SCHIST:										
		50% oxidized - medium brown rust, fissile. 40% quartz, 60% sericite. C.A. 70°	1.0	741	110.5	112.0	1.5					
112.0	115.0	QUARTZ-SERICITE SCHIST:										
		Similar to 105.0 - 110.5, except less (2%) magnetite, chalco and Pb-Zn (4%). Core ground and pebbled.	0.2	742	112.0	115.0	3.0					
		SLUDGE			113.0	118.0	5.0					

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY Swim Lakes "A" Group

D.D.H. No. A-37 PAGE 3

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Ozs/T Gold	Ozs/T Silver	Pb%	Zn%	Cu%
115.0	124.5	QUARTZ-SERICITE SCHIST:										
		50% oxidized from 115.0 - 119.4 and 123.0 - 124.0; 15% oxidized from 119.0 - 123.0. Siliceous in parts and schistose in parts. Negligible pyrite, Pb-Zn-Cu.	5.5		115.0	124.5						
		C.A. 40° @ 119.0; 53° @ 122.0; 70° @ 124.0; SLUDGE			118.0	122.5	4.5					
124.5	134.0	QUARTZ-SERICITE SCHIST:										
		10% oxidized all rusty. 124.5 - 130.0 25% quartz, 40% pyrite, 5% magnetite, negligible Pb-Zn.	9.5		124.5	134.0						
		130.0 - 134.0 20% quartz, 20% pyrite, negligible magnetite, 1-2% Pb-Zn. C.A. 80° @ 127.0										
134.0	144.0	QUARTZ SERICITE SCHIST:										
		10% oxidized, 135.5 - 136.0 and 143.5 - 144.0, 90% oxidized. Part quartzy and part schistose. 3% pyrite, no Pb-Zn. C.A. 80°	5.5		134.0	144.0						
144.0	155.6	QUARTZ SERICITE SCHIST:										
		Bleached buff, siliceous, 2% oxidation. 53% quartz, 45% sericite, negligible sulphides.	11.5		144.0	155.6						
155.6	162.5	QUARTZ-SERICITE-GRAPHITE SCHIST:										
		Grey colour, slightly fissile, moderately drag-folded by movement parallel to bedding. 30% quartz, 20% sericite, 50% graphite, no sulphides.	4.5		155.6	162.5						
		C.A. 70° Av.										

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY Swim Lakes "A" Group

D.D.H. No. A-37 PAGE 4

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Ozs/T Gold	Ozs/T Silver	Pb%	Zn%	Cu%
162.5	190.0	QUARTZ-SERICITE SCHIST:										
		Bleached buff, slightly leached, kaolinized from 162.5 - 164.0; a few rusty fractures. Minor rock movement, a few fractures,	20.0		162.5	190.0						
		drag-fold @ 180.0 - 181.0. 43% quartz, 55% sericite, 1% pyrite. 181.0 - 190.0 Show increasing oxidation to 15% @ 190.0										
		C.A. 85-90°										
190.0	205.0	QUARTZ-CHLORITE-SERICITE SCHIST:										
		Banded buff and green colour with sulphide bands. 20% quartz, 15% chlorite occuring in bands 0.005' - 0.02' in width, 45% sericite,	11.0		190.0	205.0						
		15% pyrite in irregular widths and widely separated bands. Minor magnetite occuring in blotches. 15% oxidation from 190.0 - 193.0,										
		1% from 193.0 - 205.0. Local drag-folds, brecciated quartz @204.0 C.A. 70° av.										
205.0	224.0	QUARTZ-SERICITE-CHLORITE SCHIST:										
		Banded bleached sericite and chlorite. 30% quartz, 30% sericite and 40% chlorite. Moderate rock movement showing drag-folds and brecciation.	17.5		205.0	224.0						
		A few 0.01 - 0.1' width bands of high-grade Pb-Zn @ 210.2; 210.8 and 213.0. C.A. 75° av.										
224.0	240.6	QUARTZ-CHLORITE SCHIST:										
		Banded quartz and chlorite, thinly (0.005') bedded and uniform. 55% quartz and 45% chlorite. Drag-folds @ 227.0 - 228.0. Becomes	15.0		224.0	240.6						
		siliceous @ 231.0 and bands less distinct. C.A. 80°										

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY Swim Lakes "A" Group.

D.D.H. No. A37 PAGE 5

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Ozs/T Gold	Ozs/T Silver	Pb%	Zn%	Cu%
240.6	264.5	QUARTZ-SERICITE SCHIST:										
		Totally bleached to light-buff colour. 40% quartz, 60% sericite, negligible pyrite. 249.6 and 255.6 leached quartz veinlet, rusty with some pyrite mineralization. Milky - white quartz veins @ 256.8 - 257.4. 259.9 - 260.5. and 262.0 - 264.5	20.0		240.6	264.5						
		C.A. 80° av.										
264.5	335.0	QUARTZ-SERICITE SCHIST:										
		Totally bleached, slight rock movement. 40% quartz, 12% (average) pyrite, 45% sericite.	58.0		264.5	335.0						
		264.5 - 308.0 2% leached, 3% pyrite average occuring in widely separated streaks and bands. Slip @ 286.0 @ 20° to core. 0.1' of green mineral @ 276.5										
		308.0 - 316.0 Moderate drag-folding, 20% pyrite in bands.										
		316.0 - 335.0 1% leached, brecciated @ 332.0 - 335.0 local drag-folds. C.A. 75°										
335.0	345.0	QUARTZ-SERICITE SCHIST:										
		Totally bleached buff colour, negligible rock movement, no sulphide mineralization.	8.5		335.0	345.0						
345.0	362.5	QUARTZ-GRAPHITE-SERICITE SCHIST:										
		Bleached, light grey colour, minor rock movement - possible shear @ 354.5 - 355.5 and @ 356.7. No sulphide mineralization. C.A. 75°	16.0		345.0	362.5						

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY Swim Lakes "A" Group.

D.D.H. No. A-37 PAGE 6

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Gold	Silver	Pb%	Zn%	Cu%
362.5	392.5	QUARTZ SERICITE SCHIST:										
		Totally bleached, talcy, quartzy, parts crumbly. 362.5 - 383.0 1% pyrite and pyrrhotite, 383.0 - 388.0 5% pyrhite and pyrrhotite, spot of chalco.	22.5		362.5	392.5	392.5					
		Possible shear @ 362.5 and 365.0 - 368.0 at 30° to core. Bright green, soft mineral @ 363.0 - 365.0 (similar to D.D.H. #A-16).										
		C.A. 75° @ 364.0, 55° @ 372.0; 50° @ 387.0; 60° @ 391.0										
392.5	432.0	MASSIVE SULPHIDES:										
		Massive, fine-grained pyrite, banding faintly visible, distinctly outlined in sections showing lineation of magnetite in discontinuous	3.7 5.0	760 765	392.5 397.0	397.0 402.5	5.0 5.0					
		lenses between 402.0 - 405.0, also by leaching which follows some bands between 402.0 - 429.0. No rock movement shown.	5.0 4.7	766 767	402.5 407.5	407.5 412.5	5.0 5.0					
		Average 75% pyrite, 5% magnetite, 5% Pb-Zn, 15% quartz with minor carbonates.	4.7 4.0	768 769	412.5 417.5	417.5 422.5	5.0 5.0					
		Upper contact @ 20° to core, lower contact not defined. C.A. 25° @ 394.0; 50° @ 400.0 - 405.0; 90° @ 406.0; 60° @ 408.0;	3.8 2.9	770 771	422.5 427.5	427.5 432.0	5.0 4.5					
		80° @ 418.5; 65° @ 421.0; 75° av. @ 423.0 - 430.0										
432.0	456.0	QUARTZ GRAPHITE SERICITE SCHIST:										
		Medium grey, mild alteration, minor local drag-folds, a few slips showing minor offsets. 1% quartz-carbonate filled fractures. 45% quartz.	23.0		432.0	456.0						
		25% graphite, 30% sericite.										
	456.0	END OF HOLE.										

DIAMOND DRILL RECORD

LOGGED BY F. CHOW

PROPERTY "SWIM LAKES "A" GROUP

D.D.H. No. A-36 PAGE 1

LATITUDE 14,253.81 N BEARING OF HOLE S 29°13'W STARTED Sept.30, 1966.

DEPARTURE 58,819.36 E DIP OF HOLE -60° COMPLETED not completed

ELEVATION 3,680.17 DIP TESTS DEPTH 313' (to be cont'd).

COLLAR:

CLAIM No.

N

DIRECTION AND DISTANCE FROM

NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Ozs/T Gold	Ozs/T Silver	Pb%	Zn%	Cu%
0.0	28.0	OVERBURDEN:	O.B.		0.0	28.0						
28.0	48.0	NO CORE:	N.C.		28.0	48.0						
48.0	54.0	QUARTZ-GRAPHITE-SERICITE SCHIST: 20% Quartz, 25% graphite, 55% sericite. Medium grey colour. Pebbled Core. C.A. 0° @ 53'	1.2		48.0	54.0						
54.0	57.0	NO CORE:	N.C.		54.0	57.0						
57.0	79.0	QUARTZ-GRAPHITE-SERICITE SCHIST Similar to 48.0 - 54.0 C.A. 35°	2.8		57.0	79.0						
79.0	97.0	QUARTZ GRAPHITE SERICITE SCHIST AND QUARTZ VEINS: Poor core recovery and core is pebbled. 90% quartz pebbles and 10% quartz-graphite-sericite schist.	0.8		79.0	97.0						
97.0	118.0	QUARTZ-SERICITE-GRAPHITE SCHIST: Dark grey, 25% quartz, 30% sericite, 45% graphite. Core pebbled, recovery poor. C.A. 45°	1.5		97.0	118.0						

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY Swim Lakes "A" Group

D.D.H. No. A-36 PAGE 2

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Ozs/T Gold	Ozs/T Silver	Pb%	Zn%	Cu%
118.0	132.0	NO CORE	N.C.		118.0	132.0						
132.0	313.0	QUARTZ GRAPHITE SCHIST:										
		Black, slightly fissile, hard, 40% quartz (average). Intense rock movement, contorted bedding, drag-folded and showing many slip faults to footage 220.0'.	8.0		132.0	165.0						
			L.C.		165.0	168.0						
			61.0		168.0	268.0						
		165.0 - 168.0 Lost core.	7.3		268.0	273.0	— how can you recover 7.3' in 5' of drilling?					
		220.0 - 224.0 Quartzy.	0.4		273.0	282.0						
		237.8 - 238.0 Quartz veinlet with pyrite.	24.0		282.0	313.0						
		246.8 - 247.5 Quartzy.										
		251.7 - 253.0 Bleached quartz-sericite schist.										
		257.8 - 258.4 Quartz vein.										
		C.A. 0° @ 147.0; 45° @ 150.0; 70° @ 163.0; 0° @ 170.0 - 177.0; 20° @ 178.0; 0° @ 181.0; 35° @ 183.0; 35° @ 193.0; 15° @ 218.0; 35° @ 224.0; 55° @ 228.0; 60° @ 245.0; 30° @ 248.0; 50° @ 257.0; 20° @ 260.0; 0° @ 261.0; 50° @ 264.0; 15° @ 269.0; 0° @ 270.0 - 278.0; 60° @ 282.0; 40° @ 289.0; 60° @ 300.0; 40° @ 307.0; 20° @ 313.0										
	313.0	END OF HOLE										
		Remarks: Hole to be continued in 1967.										

DIAMOND DRILL RECORD

LOGGED BY F. Chow.

PROPERTY Swim Lakes "A" Group.

D.D.H. No. A-36 PAGE A

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	SLUDGE DESCRIPTION	Discard	Hold	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY
20.0	25.0	Graphite sericite schist . negligible pyrite. rusty.	✓						
25.0	30.0	" " " , no pyrite.	✓						
30.0	35.0	" " " , negligible pyrite.	✓						
35.0	40.0	Sericite graphite schist, no pyrite.	✓						
40.0	45.0	" " " " "	✓						
45.0	50.0	Graphite sericite schist, no pyrite.	✓						
50.0	55.0	" " " . negligible pyrite.	✓						
55.0	60.0	" " " . no pyrite. rusty.	✓						
60.0	70.0	" " " . negligible pyrite.	✓						
90.0	100.0	Sericite schist, no pyrite, 1% oxidation.	✓						
100.0	110.0	" " " " , 15% oxidation.	✓						
130.0	138.0	Graphite sericite schist, no pyrite.	✓						
138.0	147.0	Graphite schist, no pyrite.	✓						
147.0	153.0	Graphite schist, negligible pyrite.	✓						
153.0	163.0	Graphite sericite schist, negligible pyrite.	✓						

DIAMOND DRILL RECORD

LOGGED BY E. Ghow.

PROPERTY Swim Lakes "A" Group.

D.D.H. No. A-36 PAGE B

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	SLUDGE DESCRIPTION	Discard	Hold	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY
163.0	170.0	Graphite schist, negligible pyrite.	✓						
170.0	180.0	Sericite graphite schist, negligible pyrite.	✓						
190.0	200.0	Graphite schist, 1% pyrite.	✓						
209.0	216.0	Sericite graphite schist, negligible pyrite.	✓						
216.0	225.0	Sericite graphite schist, negligible pyrite.	✓						
245.0	250.0	Graphite sericite schist, 1% pyrite.	✓						
253.0	259.0	Graphite schist, negligible pyrite.	✓						
259.0	264.5	Sericite graphite schist, negligible pyrite.	✓						
264.5	270.0	Sericite graphite schist, negligible pyrite.	✓						
270.0	274.5	Graphite sericite schist, negligible pyrite.	✓						
274.5	280.0	" " " , no pyrite.	✓						
280.0	287.0	" " " " " .	✓						
287.0	294.0	" " " " " .	✓						

DIAMOND DRILL RECORD

LOGGED BY E. Show.

PROPERTY Swim Lakes "A" Group.

D.D.H. No. A-36 PAGE 6

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	SLUDGE DESCRIPTION	Discard	Hold	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY
294.0	300.0	Graphite sericite schist, negligible pyrite.	✓						
304.5	311.0	Graphite sericite schist, no pyrite.	✓						

DIAMOND DRILL RECORD

LOGGED BY FRED CHOW

PROPERTY SWIM LAKES "A" GROUP

D.D.H. No. A-35 PAGE 1

LATITUDE 14,309.11 BEARING OF HOLE Vertical STARTED September 20, 1966.

DEPARTURE 59,543.62 DIP OF HOLE -90° COMPLETED October 1, 1966.

ELEVATION 3,617.48 DIP TESTS @ 200 ft. True angle = 90° @ 400 ft. True angle = 89° DEPTH 510 ft.

CLAIM No.

DIRECTION AND DISTANCE FROM NE. CLAIM POST

HOLE SIZE: NX to 14 ft., BX to 57 ft., BXWL to 237 ft., AXA to 238 ft., AXWL to 510 ft.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Ozs/T Gold	Ozs/T Silver	Pb%	Zn%	Cu%
0.0	15.0	OVERBURDEN:										
15.0	29.0	NO CORE										
29.0	30.0	QUARTZ-GRAPHITE SCHIST:										
		No sulphides. 10% oxidation - rusty, drag-folded. C.A. 85° (?)	0.5		29.0	30.0						
30.0	40.0	NO CORE										
40.0	50.0	QUARTZ-GRAPHITE SCHIST:										
		Similar to 29 - 30 ft.	1.5		40.0	50.0						
50.0	202.5	QUARTZ-SERICITE-GRAPHITE SCHIST:										
		Grey colour, slightly fissile, slightly undulating bedding. Rusty bedding & fractures from 50 - 86 ft. Negligible pyrite, 25 - 40% quartz, 20% sericite, 40% graphite. 169.0 - 172.5 ft: quartz-chlorite schist & fractured. C.A. 60° @ 65 - 83 ft., 70° @ 97 ft., 75° @ 100 - 132 ft., undulating between 60° - 75° from 132 - 172.5 ft., 75° @ 173 - 202 ft.	6.0		50.0	62.0						
			12.0		62.0	75.0						
			25.0		75.0	100.0						
			20.0		100.0	145.0						
			48.5		145.0	202.5						

DIAMOND DRILL RECORD

LOGGED BY F. CHOW

PROPERTY SWIM LAKES "A" GROUP

D.D.H. No. A-35 PAGE 2

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Ozs/T Gold	Ozs/T Silver	Pb%	Zn%	Cu%
202.5	225.5	QUARTZ-CHLORITE- GRAPHITE-SERICITE SCHIST:										
		Grey-black changing to light grey. 50 - 60% quartz, 30 - 40% sericite, 15% graphite and 5% chlorite, both decreasing to nil towards 225 ft. Negligible sulphides. C.A. 80°	23.0		202.5	225.5						
225.5	233.0	QUARTZ-SERICITE SCHIST:										
		Totally bleached, slightly kaolinized. Banded sulphides increasing from 1% @ 225.5', to 20% @ 233'. Average 1% magnetite and 1% Pb-Zn. C.A. 80°	2.5	710	225.5	229.5	4.0					
			2.7	711	229.5	233.0	3.5					
233.0	253.0	MASSIVE SULPHIDES:										
		Massive, fine-grained, rusty fractures, also show high oxidation with rust @ 237.5'. From 237.5' on, fresh rock, 90% pyrite, 1-2% Pb-Zn,	0.8	712	233.0	237.0	4.0					
			6.0	713	237.0	244.5	7.5					
		1% magnetite to 237.0'; 80% pyrite, 8% Pb-Zn, 8% magnetite, 0.2% Cu. to 244.5', and 75% pyrite-pyrrhotie, 5% Pb-Zn from 244.5 - 253'	8.5	714	244.5	253.0	8.5					
		Banding faint: 90° @ 238', 55° @ 241', 85° @ 242' 70° @ 246', 60° @ 252'										
253.0	267.0	QUARTZ-SERICITE-CHLORITE-GRAPHITE SCHIST:										
		Mixed sections of sericite, sericite graphite, chlorite-sericite-graphite schist, minor pyrite.	10.0		253.0	267.0						
		C.A. varies between 60-75°										
267.0	297.0	QUARTZ VEINS AND QUARTZ SERICITE GRAPHITE SCHIST:										
		50% quartz veins and 50% quartz-sericite-graphite schist alternating the quartz veins usually contain inclusions of graphitic schist.	3.6		267.0	285.0						
			0.3		285.0	293.0						

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY Swim Lakes "A" Group

D.D.H. No. A-35 PAGE 3

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Pb%	ASSAY Zn%	ASSAY Cu%
		Shearing @295.6' C.A. 70° @ 285'	4.0		293.0	297.0						
			SLUDGE	753	267.0	276.0	9.0					
				754	276.0	285.0	9.0					
				755	285.0	293.0	8.0					
				756	293.0	298.0	5.0					
297.0	303.0	QUARTZ-SERICITE GRAPHITE SCHIST:										
		Minor rock movement producing undulating bedding and fracturing,	1.9		297.0	303.0						
		the latter perpendicular to bedding and pyrite-quartz field.	SLUDGE	757	298.0	303.0	5.0					
303.0	312.0	QUARTZ VEINS AND GRAPHITE SCHIST:										
		A few short pieces of core recovered showing quartz with graphite	0.2		303.0	312.0						
		schist fragments and pyrite crystals.	SLUDGE	758	307.0	312.0	5.0					
			2.1	715	312.0	314.3	2.3					
312.0	314.3	QUARTZ GRAPHITE SCHIST:										
		High-grade bands of Pb-Zn with schist, 3% pyrite, 12% Pb-Zn. Small fold @ 312.6'										
314.3	321.5	QUARTZ SERICITE SCHIST:										
		Fissile, slight rock movement parallel to bedding. Quartz vein @	7.0		314.3	321.5						
		319.8-320.9' C.A. 65°										
321.5	363.0	QUARTZ-SERICITE-CHLORITE-GRAPHITE SCHIST:										
		Grey-black colour, moderate siliceous, drag-folded, movement parallel	37.0		321.5	363.0						
		to bedding. 50% quartz, 5% sericite, 3% chlorite, 30% graphite, 4%										
		pyrrhotite-pyrite, and 0.1% Pb-Zn in blebs. 322.5 - 339.5 Discontinuous quartz vein with 5% chlorite in splashes										

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY Swim Lakes "A" Group

D.D.H. No. A-35 PAGE 4

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Pb%	Zn%	Cu%
		and 2% schist bands. C.A. 75° average from 322.0-350.0', 85° from 351-361'; 60° @ 362'.										
363.0	406.0	MASSIVE SULPHIDES:										
		Massive, fine-grained pyrite and pyrrhotite with 6% magnetite, 0.5% Pb-Zn and 0.2% Cu. Banding faint, shown by streaks of magnetite.										
		363.0 - 373.0 85% pyrite, 4% magnetite, 0.3% Cu. in veinlets and blobs, 0.2% Pb-Zn in blebs.	8.5	716	363.0	373.0	10.0					
			6.3	717	373.0	381.0	8.0					
		367.5 - 368.0 Quartz graphite schist. C.A. 50° @ 366', 40° @ 373'	8.6	718	381.0	391.0	10.0					
			9.4	719	391.0	401.0	10.0					
		374.0 - 390.0 80% pyrite with minor pyrrhotite, 10% magnetite, 0.8% Pb-Zn, 0.2% Cu. Magnetite occurs as wavy bands 35° to core and parallel to core @ 384.5	3.6	720	401.0	406.0	5.0					
		390.0 - 406.0 85% pyrite, 10% magnetite, negligible Cu, 0.4% Pb-Zn. C.A. 55°	SLUDGE	759	381.0	426.0	45.0					
406.0	426.0	MASSIVE SULPHIDES:										
		Massive, fine-grained pyrite, pyrrhotite, galena, and sphalerite with negligible Cu. 406-406.4 quartz-sericite schist; 406.4-408.5 80% pyrite and pyrrhotite, 8% Pb-Zn;	4.4	721	406.0	411.0	5.0					
			4.2	722	411.0	416.0	5.0					
			4.3	723	416.0	421.0	5.0					
		408.5 - 411.0 Brecciated quartz and sulphides, 40% pyrite, 0.5% Pb-Zn.	4.3	724	421.0	426.0	5.0					
		411.0 - 415.3 85% pyrite, and pyrrhotite, 3% Pb-Zn;										
		415.3 - 416.1 Brecciated quartz, 40% pyrite-pyrrhotite.										
		416.1 - 420.8 85% pyrite-pyrrhotite, 2% Pb-Zn, minor chalco.										
		420.8 - 421.4 Sulphide breccia, 30% pyrite-pyrrhotite, 3% Pb-Zn.										
		421.4 - 422.5 Mass pyrite-pyrrhotite as above.										
		422.5 - 426.0 Brecciated sulphide and quartz, 1% Pb-Zn.										
		This section lies near the contact between massive sulphide and a show or fault (likely near crest of major fold). The angle of contact varies between 10-30° with the core, and nearly parallel from 422.5-426.0										

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY Swim Lakes "A" Group

D.D.H. No. A-35 PAGE 5

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Pb%	ASSAY Zn%	ASSAY Cu%
426.0	510.0	QUARTZ-SERICITE-GRAPHITE SCHIST-SHEARED ZONE:										
		Grey-black. In-tense shearing from 426-438, moderate from 438-510, rock movement parallel to bedding. 1% buff colour carbonates in	15.0		426.0	455.0						
			0.4	725	455.0	458.0	3.0					
		fractures, minor brecciation of quartz in spots. Average 3% pyrite	0.7	726	458.0	462.0	4.0					
		and pyrrhotite, spot of Pb-Zn.	0.5	727	462.0	466.0	4.0					
		455.0 - 478.0 Pieces of low-grade 2% Pb-Zn mineralization within a	0.4	728	466.0	470.0	4.0					
		brecciated zone.	0.2	729	470.0	478.0	8.0					
		Core recovery poor.	4.2		478.0	495.0						
		C.A. varies: 20° @ 428'; 50° @ 432'; 40° @ 445'; 30° @ 451';										
		(shearing at 10°); 35° @ 456-466'; shearing @ 20° @ 470';										
		35-20° @ 478-493'; av. 10° from 493-510'.										
			SLUDGE	761	426.0	452.0	26.0					
				762	458.0	478.0	20.0					
				763	478.0	497.0	19.0					
				764	497.0	510.0	13.0					
	510.0	END OF HOLE										
		Remarks: Hole stopped because of danger of getting rods stuck.										

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY Swim Lakes "A" Group

D.D.H. No. A-35 PAGE A

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION OF SLUDGES	Send	~~Discard~~	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY
10.0	20.0	Graphite schist, no pyrite.		✓					
20.0	30.0	" " " "		✓					
30.0	40.0	" " " "		✓					
75.0	80.0			✓					
80.0	85.0			✓					
85.0	90.0			✓					
90.0	95.0			✓					
95.0	?			✓					
114.0	118.5	Sericite-graphite schist, negligible pyrite.		✓					
118.5	122.0	" " " " "		✓					
122.0	127.0	" " " " "		✓					
131.5	136.0	" " " " "		✓					
145.0	150.0	Graphite-sericite schist, negligible pyrite.		✓					
152.0	157.0	Sericite-graphite schist, negligible pyrite.		✓					
157.0	163.0	" " " , no pyrite.		✓					
163.0	168.0	Graphite-sericite schist, no pyrite.		✓					
168.0	173.0	Sericite-graphite schist, no pyrite.		✓					

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY Swim Lakes "A" Group

D.D.H. No. A-35 PAGE B

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

CLAIM No. _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

ELEVATION _____ DIP TESTS _____ DEPTH _____

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Send	Discard	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY
173.0	182.0	Graphite schist, no pyrite.		✓					
182.0	191.0	Sericite-graphite schist, no pyrite.		✓					
233.0	237.0	Not representative. Sericite-graphite schist, 1% pyrite, improper collection,		✓	F. Chow took this out of sludge box, 235-237 no core sulphides all overflowed into ditch.				
237.0	243.0	70% sulphides and 30% graphite schist.		✓					
267.0	276.0	Greyish sericite schist, negligible pyrite.	✓		753	267.0	276.0	9.0	
276.0	285.0	" " " , 1% pyrite.	✓		754	276.0	285.0	9.0	
285.0	293.0	Graphite-sericite schist. 4% pyrite.	✓		755	285.0	293.0	8.0	
293.0	298.0	Graphite-sericite schist, 2% pyrite.	✓		756	293.0	298.0	5.0	
298.0	303.0	Graphite schist, 10% pyrite.	✓		757	298.0	303.0	5.0	
					N.S.			4.0 N.S.	
307.0	312.0	Graphite-sericite schist, 2% pyrite.	✓		758	307.0	312.0	5.0	
312.0	316.5	" " " " "		✓					
318.0	323.0	Sericite-graphite schist, 3% pyrite.		✓					
323.0	328.0	" " " , 2% pyrite.							
328.0	335.0	Graphite schist, negligible pyrite.		✓					
335.0	342.0	Graphite-sericite schist, negligible pyrite.		✓					
342.0	349.0			✓					

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY Swim Lakes "A" Group

D.D.H. No. A-35 PAGE C

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION OF SLUDGES	Send	Discard	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY
381.0	391.0	Massive sulphides.							
391.0	401.0	" "							
401.0	409.0	" " Too general to draw conclusions	✓		759	381.0	426.0	45.0	
409.0	416.0	" "							
416.0	426.0	Graphite schist, 1% pyrite.							
426.0	433.0	Graphite-sericite schist, 1% pyrite.							
433.0	440.0	" " " , negligible pyrite.							
440.0	446.0	" " " , 1% pyrite.	✓		761	426.0	452.0	26.0	
446.0	452.0	" " " , negligible pyrite.							
								(6.0) N.S.	
458.0	462.0	Graphite schist, 25% pyrite.							
462.0	466.0	" " , 50% pyrite.							
466.0	471.0	" " , 40% pyrite.	✓		762	458.0	478.0	20.0	
471.0	478.0	" " , 2% pyrite.							
478.0	485.0	Sericite-graphite schist, 0.5% pyrite.							
485.0	493.0	Graphite schist, negligible pyrite.	✓		763	478.0	497.0	19.0	
493.0	497.0	" " , 1% pyrite.							

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY Swim Lakes "A" Group.

D.D.H. No. A-35 PAGE D

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION OF SLUDGES	Send	Discard	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY
497.0	503.0	Graphite schist, 1% pyrite.							
503.0	507.0	Sericite schist, 1% pyrite.	✓		764	497.0	510.0	13.0	
507.0	510.0	Graphite schist, negligible pyrite.							

DIAMOND DRILL RECORD

LOGGED BY FRED CHOW

OCT 21 1966

PROPERTY SWIM LAKES "A" GROUP

D.D.H. No. A-34 PAGE 2

LATITUDE 14,778.90 N BEARING OF HOLE S 25° 12' W STARTED September 18/66

DEPARTURE 58,723.69 E DIP OF HOLE -60° COMPLETED

@ 200 ft. True angle = 68°

ELEVATION 3,531.51 DIP TESTS DEPTH 404 ft.

CLAIM No.

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Pb %	Zn %	Cu %
0	31.0	OVERBURDEN:										
31.0	92.0	QUARTZ-SERICITE-CHLORITE SCHIST:										
		Dirty green color. 20% oxidation - light brown rust. Numerous quartz	0.6		31.0	35.0						
		veins from 31 - 63 ft. Average 45% quartz, 15% sericite, 4% pyrrhotite and	3.0		35.0	65.0						
		pyrite, 1% magnetite, spot of chalcopyrite, no Pb-Zn. No evidence of rock	11.0		65.0	85.0						
		movement.	4.0		85.0	92.0						
		C.A. 70° @ 31 - 75 ft., 55° @ 79 ft., 30° @ 80 - 86 ft., 65° @ 89 ft., 80° @ 90 ft.										
92.0	106.5	QUARTZ-CHLORITE-SERICITE SCHIST:										
		Greenish-gray, siliceous with quartzy sections and bleached @ last 2 feet.	12.0		92.0	106.5						
		Slightly contorted bedding, with minor fracturing. 60% quartz, 10% chlorite, 25% sericite, 3 - 4% pyrrhotite-pyrite, some magnetite and spot of Pb-Zn @ 99'.										
		C.A. 65° @ 93 ft., 80° @ 100 - 106 ft.										
106.5	124.0	QUARTZ-CHLORITE-SERICITE SCHIST:										
		Similar rock as 92 - 106 ft., except bleached & having a higher sulphide	9.5	730	106.5	116.0	9.5		.58	.5	1.3	
		content. 25 - 30% pyrite, negligible pyrrhotite, 1 - 2% magnetite, 0.15%	8.0	731	116.0	124.0	8.0		.52	.6	.4	
		Cu, 2% Pb-Zn. Sulphides banded and nearly uniform throughout, chlorite occur in bands and blebs.										
		C.A. 80° @ 98 ft., 65° @ 101 ft., 70° @ 108 ft., 60° @ 111 - 124 ft.										

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

D.D.H. No. A-34 PAGE 2

CLAIM No. _____

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Pb %	Zn %	Cu %
124.0	204.5	QUARTZ-CHLORITE-SERICITE SCHIST:										
		Greenish-gray to buff color. Totally bleached, slightly leached with a	28.0		124.0	160.0						
		few rusty spots. Siliceous & quartz becoming silicified @ 192 - 204.5 ft.;	6.8		160.0	176.0						
		15% pyrite from 124 - 144 ft., 3% pyrite from 144 - 180 ft., 1% from 180 -	16.0		176.0	192.0						
		204.5 ft.; 15% chlorite occuring in bands and filling fractures, a few spots	6.5		192.0	204.5						
		of Pb-Zn-Cu.										
		C.A. 70° @ 137 ft., 40° @ 144 ft., 45° @ 153 ft., 60° @ 172 - 186 ft., 35° @ 187 ft., 40° @ 199 ft.										
204.5	219.0	QUARTZ-SERICITE SCHIST:										
		Totally bleached and silicified. 204.5 - 209 ft., quartzy, no sulphides.	2.0		204.5	209.0						
		209 - 219 ft., 5% banded pyrite, 2% leached - minor rust.	1.0		209.0	219.0						
		C.A. 35° @ 205 ft.										
219.0	257.0	QUARTZ-GRAPHITE SCHIST:										
		Black, fissile, highly altered and fractured with quartz-carbonate filling.	6.0		219.0	257.0						
		Core broken in chips and fragments.										
		C.A. 35 - 40°. SLUDGE		752	239.0	253.0	14.0					
257.0	284.0	QUARTZ-SERICITE SCHIST:										
		Totally bleached to light tan color, talcy, kaolinized, soft but firm.	21.0		257.0	284.0						
		0.5% pyrite-pyrrhotite occuring in short streaks parallel to bedding, 20% quartz.										
		C.A. 45° @ 260 ft., 50° @ 263 ft., 60° @ 274 ft., 75° @ 282 ft.										

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-34 PAGE 3

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Ozs/T Gold	Ozs/T Silver	Pb %	Zn %	Cu %
284.0	290.0	QUARTZ-GRAPHITE-SERICITE SCHIST:										
		Light gray color, slightly siliceous, 45% quartz, 5% graphite, 50% sericite. Shearing @ upper contact @ 45° to core. C.A. 65°.	3.0		284.0	290.0						
290.0	303.0	QUARTZ-SERICITE SCHIST:										
		Light grayish-buff color, 70% silicified, massive, bedding faintly visible, speck of pyrrhotite. Minor irregular tiny fractures quartz-filled. C.A. 60°.	8.0		290.0	303.0						
303.0	342.0	QUARTZ-GRAPHITE-SERICITE SCHIST:										
		Similar to 284 - 290 ft., 333 - 342 ft.; 50% quartz veins. C.A. 70° @ 303 ft., 80° @ 320 ft., 70° @ 327 ft., 80° @ 330 ft.	20.0		303.0	342.0						
342.0	347.0	QUARTZ-SERICITE SCHIST:										
		Bleached to buff color, some specks of pyrite (?). 15% quartz, 85% sericite. Slips @ 30° to core. Bright green, soft mineral @ 347 ft. C.A. 60°.	2.5		342.0	347.0						
347.0	399.0	QUARTZ-SERICITE SCHIST:										
		Gray-buff color, 50% bleached, slightly siliceous with quartz veins to 373 ft. Average 25% quartz, 75% sericite, a few specks of pyrite, pyrrhotite	0.5		347.0	366.0						
			3.4		366.0	376.0						

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-34 PAGE 4

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Ozs/T Gold	Ozs/T Silver	Pb %	Zn %	Cu %
		and chalcopyrite.	1.0		376.0	389.0						
		C.A. 60° @ 350 ft., 65° @ 390 ft., 80° @ 389 ft.	2.2		389.0	399.0						
399.0	404.0	LOST CORE:										
	404.0	END OF HOLE										
		REMARKS:										
		1) Intersected water flow @ footage 258', encountered caving conditions below this footage and lost most of the water flow.										
		2) Reduced hole to AXWL @ footage 285', cased to 284' - dipped casing to 253' and reamed to 284'.										
		3) Encountered more caving @ 356', unable to wash sand clear of hole and unable to advance AX casing because of worn out shoe (old shoe used). Pulled AX casing to ream to bottom @ 363' and then continued advance.										
		4) Core barrel cut off when hole @ 404', failed to retrieve it, sanding conditions worsen and had to adbandon.										
		5) Lost: a) 360' of AX casing lost in hole from collar to 360'. b) 1 core barrel and tube @ bottom of hole (404'). c) 1 casing shoe. d) 1 AXWL bit.										
		6) Water flow coming up again, outside of AX casing.										

DIAMOND DRILL RECORD

LOGGED BY FRED CHOW

PROPERTY SWIM LAKES "A" GROUP

D.D.H. No. A-33 PAGE 1

LATITUDE 14,283.76 N BEARING OF HOLE S 30° W STARTED September 11, 1966

DEPARTURE 59,992.80 E DIP OF HOLE -60° COMPLETED September 27, 1966

ELEVATION 3,577.45 DIP TESTS @ 200 ft. True angle = 62°30' DEPTH 558 ft.
@ 400 ft. True angle = 69°30'

N

CLAIM No.

DIRECTION AND DISTANCE FROM NE. CLAIM POST

HOLE SIZE: NX to 19 ft., BX to 214 ft., BXWL to 558 ft.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Ozs/T Gold	Ozs/T Silver	Pb %	Zn %	Cu %
0	10.0	OVERBURDEN:										
10.0	26.0	NO CORE	N.C.		10.0	26.0						
26.0	54.0	QUARTZ-SERICITE-GRAPHITE SCHIST:										
		Black, fissile, undulating bedding, local drag-folds, non-mineralized.	2.5		26.0	33.0						
		20% quartz, 20% sericite.	L.C.		33.0	38.0						
		C.A. 55° @ 30 - 58 ft.	4.4		38.0	54.0						
54.0	86.0	QUARTZ-GRAPHITE-SERICITE SCHIST:										
			1.1		54.0	58.5						
		Black, moderately fissile, 20% quartz, 35% graphite, non-mineralized. 20%	L.C.		58.5	60.5						
		quartz, 20% sericite.	2.8		60.5	64.5						
		C.A. 55° @ 30 - 58 ft.	8.5		64.5	86.0						
86.0	104.0	QUARTZ-SERICITE-GRAPHITE SCHIST:										
		Black, fissile. Slightly rusty and drag-folded @ 86 - 103', also quartz.	2.7		86.0	104.0						
		Undulating bedding.										

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-33 PAGE 2

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Pb %	Zn %	Cu %
104.0	129.0	QUARTZ-GRAPHITE-SERICITE SCHIST:										
		Gray-black, slightly fissile, undulating bedding, minor drag-folds @	17.5		104.0	129.0						
		127 ft., and 166 ft. 30% quartz, 25% graphite, no sulphides.										
		C.A. 50° @ 106 ft., 35° @ 108 ft., 45° @ 114 ft., 25° @ 119 ft., 50° @										
		120 ft., 30° @ 125 ft., 45° @ 129 ft.										
129.0	143.0	LOST CORE.	L.C.		129.0	143.0						
143.0	171.0	QUARTZ-GRAPHITE-SERICITE SCHIST:										
		Similar to 104 - 129 ft.	1.1		143.0	153.0						
		C.A. 40° @ 153 ft., 45° @ 159 ft., 35° @ 163 ft., 45° @ 170 ft.	15.3		153.0	171.0						
171.0	207.0	QUARTZ-SERICITE SCHIST:										
		Totally bleached, highly altered, 15% leached - light brown rust, siliceous	2.7		171.0	178.6						
		showing quartzy sections. Rock movement parallel bedding, moderately drag-	1.0		178.6	186.0						
		folded. 60% quartz, 1% pyrite.	2.6		186.0	194.0						
		200 - 207 ft: poor recovery, pebbles of schist show 15% pyrite and 2% Pb-Zn	0.9	689	194.0	200.0	6.0		Tr.	.1	Tr.	
		and a few pebbles show massive sulphide with 8% Pb-Zn.	0.3	690	200.0	207.0	7.0		1.00	.4	.4	
		C.A. 50° @ 173 - 190 ft., 25° @ 192 ft., 10° @ 192 - 200 ft.	SLUDGE	746	194.0	200.0	6.0					
			SLUDGE	747	200.0	207.5	7.5					
207.0	227.5	MASSIVE SULPHIDES:										
			1.3	691	207.0	209.0	2.0		1.40	5.5	5.8	
		Fine-grained massive pyrite (85%), banding indistinct, showing scattered	0.5	692	209.0	214.0	5.0		2.12	5.9	8.0	
		lenses of quartz up to 0.005' wide and up to 0.05' long. Highly fractured	0.6	693	214.0	217.0	3.0		.68	.2	T_r.	
		with quartz and minor carbonate fillings. 20% of fractures leached showing	6.0	694	217.0	224.0	7.0		.76	1.4	1.3	
		light brown rust. No magnetite nor chalcopyrite.	3.2	695	224.0	227.5	3.5		.96	.3	1.0	

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-33 PAGE 3

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Ozs/T Gold	Ozs/T Silver	Pb %	Zn %	Cu %
		207 - 214 ft: 5% Pb-Zn 214 - 227.5 ft: 0.5% Pb-Zn C.A. 60° @ 219.5 ft.										
227.5	233.0	CONTACT ZONE: Alternate bands of massive sulphide and quartz sericite schist; the sulphides as above and the schist is bleached buff with minor thin bands of pyrite. C.A. 35° - 25° from 230 - 232 ft.	2.6	696	227.5	233.0	5.5		.72	.7	1.8	
233.0	253.0	QUARTZ-SERICITE SCHIST: Totally bleached, slightly leached - no rust, 10% leached between 248.4 - 249 ft., and 250 - 251 ft. 1% pyrite in streaks and blobs, 0.4% Pb-Zn, 15% quartz. C.A. 50°.	25.5		233.0	253.0						
253.0	258.0	QUARTZ-SERICITE-GRAPHITE SCHIST: 20% quartz, 5% sericite, spot of pyrite. C.A. 60°.	4.0		253.0	258.0						
258.0	263.5	QUARTZ-SERICITE-CHLORITE-GRAPHITE SCHIST: Greenish-gray. 15% quartz, 10% sericite, 10% chlorite, spot of pyrite, moderately fissile. C.A. 60°.	5.5		258.0	263.5						

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-33 PAGE 4

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Pb %	Zn %	Cu %
263.5	271.5	QUARTZ-GRAPHITE SCHIST:										
		Black, highly fissile. 15% quartz, spot pyrite. C.A. 55° @ 268 ft.	4.5		263.5	271.5						
271.5	288.0	QUARTZ-SERICITE-CHLORITE-GRAPHITE SCHIST:										
		Gray-black, banded 40% quartz, 5% sericite, 10% chlorite, 1% pyrite in blebs, 0.6% Pb-Zn occur in streaky blebs. C.A. 60° @ 284 ft.	13.5		271.5	288.0						
288.0	301.0	QUARTZ-GRAPHITE SCHIST:										
		Black, fissile, as poker chips, 10% quartz, streak of Pb-Zn. A few specks of pyrite and pyrrhotite. C.A. 65° @ 300 ft.	6.8		288.0	301.0						
301.0	343.0	QUARTZ-SERICITE-GRAPHITE SCHIST:										
		Black, moderately fissile, drag-folds @ 315 - 324 ft., undulating bedding @ 324 - 343 ft. 50% quartz @ 301' to 30% @ 343', 10% sericite, 40% graphite,, 3% pyrite and pyrrhotite in blobs. C.A. 55° @ 317 ft., 65° @ 321 ft., 55° @ 330 ft.	28.0		301.0	343.0						

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-33 PAGE 5

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Pb %	ASSAY Zn %	ASSAY Cu %
343.0	358.5	QUARTZ-CHLORITE-SERICITE-GRAPHITE SCHIST:										
		Greenish-black, minor drag-folding, undulating bedding. 50% quartz, 5% chlorite, 15% sericite, 30% graphite. 350 - 351 ft: quartz vein with 0.4 ft. massive pyrrhotite and 1% Pb-Zn.	14.0		343.0	358.5						
		C.A. 65° @ 348 ft.										
358.5	370.6	QUARTZ-SERICITE SCHIST:										
		Totally bleached, intensely drag-folded, slightly leached from 366 - 370.6 ft., no rust. 45% quartz, 15% pyrrhotite with pyrite in numerous narrow bands, 1 - 2% Pb-Zn in widely separated bands and blotches, 0.1% Cu.	6.7	697	358.5	365.5	7.0		.56	.4	1.0	
			4.5	698	365.5	370.6	5.1		.34	.2	Tr.	
		C.A. 55° @ 359 ft., 65° @ 365 ft.										
370.6	387.0	QUARTZ-CHLORITE-SERICITE-GRAPHITE SCHIST:										
		Black, slightly fissile, no alteration. 20% quartz, 2% chlorite, 10% sericite, 65% graphite, minor spots of pyrite - pyrrhotite.	None found									
		C.A. 60° average.										
387.0	402.0	QUARTZ-GRAPHITE-CHLORITE-SERICITE SCHIST:										
		Light gray color, mild alteration, minor local drag-folds. Average 40% quartz, 5% chlorite, 50% sericife, minor spots of pyrrhotite and pyrite.	14.0		387.0	402.0						
		C.A. 60° average.										

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-33 PAGE 6

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Ozs/T Gold	Ozs/T Silver	Pb %	Zn %	Cu %
402.0	411.5	QUARTZ-CHLORITE-SERICITE SCHIST:										
		Greenish-gray color. Slight increase in alteration and drag-folding. 50% quartz, 10% chlorite, 35% sericite, 3% pyrrhotite with pyrite, blebs of Pb-Zn.	9.5		402.0	411.5						
411.5	419.2	QUARTZ-SERICITE-GRAPHITE SCHIST:										
		Medium gray color, mild alteration, local drag-folds. 40% quartz, 25% sericite, 35% graphite, negligible pyrite.	7.7		411.5	419.2						
419.2	477.0	QUARTZ-GRAPHITE SCHIST:										
		Banded quartz sulphides and graphite. Bands wavy from pressure. Drag-folds @ 421 - 423 ft., 427.5 - 430.5 ft., 431.9 - 433.4 ft., broad folds with axis perpendicular to core; 442.5 - 445.0 ft., broad fold with axis perpendicular to core and slip faults @ 60° to core approximately 0.05 ft. apart with 0.03 - 0.05 ft. offsets. Open slip @ 446.5 ft. showing crystals of gypsum and quartz. 447 - 448 ft., slip faults @ 60° to core within fold. From 456 - 477 ft., continuous small drag-folds and many slips. Parallel bedding. Alternate sections of massive sulphides and quartz-graphite schist from 435 - 437.3 ft.	5.5	699	419.2	424.7	5.5		1.20	2.0	3.9	
			4.7	700	424.7	429.4	4.7			Tr.	Tr.	
			5.4	701	429.4	435.0	5.6		.80	1.8	3.3	
			5.0	702	435.0	440.0	5.0		1.44	2.5	5.5	
			5.0	703	440.0	445.0	5.0		.80	1.3	1.4	
			6.0	704	445.0	451.0	6.0		1.24	2.0	2.7	
			5.0	705	451.0	456.0	5.0		.56	Tr.	Tr.	
			9.2	706	456.0	466.0	10.0		Tr.	Tr.	.3	
			8.8	707	466.0	475.0	9.0		.48	Tr.	Tr.	
		Rock highly siliceous, hard and brittle except between 424.7 - 429.4 ft., where no quartz-graphite banding occurs and negligible sulphides. Average 50% quartz, 15% pyrite, 25% graphite, and 7% Pb-Zn from 419.2 - 451 ft., 2% from 451 - 474.7 ft.										
		C.A. 70° @ 420 - 438 ft., 65° @ 440 - 477 ft., 460 - 477 ft., average 14% pyrite - pyrrhotite and ? Pb-Zn to 5% pyrite-pyrrhotite and 0.1% Pb-Zn. 474.4 - 477 ft., no quartz / and minor sulphides.										

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-33 PAGE 7

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Pb %	Zn %	Cu %
477.0	492.4	QUARTZ-SERICITE-GRAPHITE SCHIST:										
		Gray color, moderate alteration and folding. 40% quartz, 15% sericite,	9.0	708	475.0	484.0	9.0		.52	.3	Tr.	
		3 - 20% pyrrhotite-pyrite (average 6%), 0.1 - 10% Pb-Zn (average 3% Pb-Zn).	8.4	709	484.0	492.4	8.4		.64	.6	1.6	
		Minor chalcopyrite in splashes. C.A. 65° average.										
492.4	500.2	QUARTZ-GRAPHITIC SCHIST:										
		Black color, partly silicified, small drag-fold movement parallel to	7.8		492.4	500.2						
		bedding. 60% quartz, 2% pyrite-pyrrhotite, speck of chalcopyrite, 0.1% Pb-Zn. C.A. 75°.										
500.2	510.4	QUARTZ-SERICITE-GRAPHITE SCHIST:										
		Gray black, no alteration, undulating bedding. 60% quartz, 9% sericite,	10.0		500.2	510.4						
		40% graphite, 0.5% pyrrhotite-pyrite, spot of Pb-Zn. C.A. 75°.										
510.4	513.0	QUARTZ-CHLORITE SCHIST - SILICIFIED:										
		Light grayish-green color, massive, 80% quartz, 20% chlorite.	2.6		510.4	513.0						
513.0	524.0	QUARTZ-GRAPHITE SCHIST:										
		Black, slightly fissile, no alteration. 60% quartz, a few blebs and threads	11.0		513.0	524.0						
		of pyrite-pyrrhotite along bedding. C.A. 65°.										

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-33 PAGE 8

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Pb %	Zn %	Cu %
524.0	551.2	QUARTZ-SERICITE-GRAPHITE SCHIST:										
		Gray-black, mild alteration, slightly undulating bedding. Slight fracturing from 538 - 551 ft., and fissile towards 524.0 ft. 50% quartz, 3% sericite, 45% graphite, 0.2% pyrrhotite and pyrite disseminated as blebs and lenses along bedding. C.A. 70° average.	24.5		524.0	551.2						
551.2	552.6	QUARTZ-GRAPHITE SCHIST:										
		Banded quartz and graphite with small clusters of pyrite and Pb-Zn disseminations in quartz. Average 10% pyrite, 0.5% Pb-Zn, 70% quartz.	1.4		551.2	552.6						
552.6	558.0	QUARTZ-SERICITE-GRAPHITE SCHIST:										
		Moderate alteration, moderate fracturing, brecciation @ 555.5 and 557.6'. Many short quartz veinlets, spot of pyrite. 50% quartz, 10% sericite. 552.6 - 553.5 ft: barren quartz graphite schist. C.A. 50° @ 553 ft., 45° @ 554 ft., 50° @ 558 ft.	4.8		552.6	558.0						
	558.0	END OF HOLE.										
		REMARKS:										
		Lost water @ 214 ft., and encountered sanding condition, stopped advance to cement - did not take, then reamed BX casing to 214 ft., continued hole to end.										

DIAMOND DRILL RECORD

LOGGED BY FRED CHOW

OCT 19 19

PROPERTY SWIM LAKES "A" GROUP

D.D.H. No. A-31 PAGE 1

LATITUDE 11,431.11N BEARING OF HOLE S 30° W STARTED September 11/66

DEPARTURE 58,923.01E DIP OF HOLE -60° COMPLETED September 24/66

@ 200 ft. True angle = 66°

ELEVATION 3,632.74 DIP TESTS @ 397 ft. True angle = 67° 30' DEPTH 398 ft.

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

CLAIM No.

H to 9 ft., NX to 17 ft., BX to 76 ft., BXWL to 375 ft., AXA to 382 ft., AX to 397 ft.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Pb %	ASSAY Zn %	ASSAY Cu %
0	30	OVERBURDEN:										
30.0	136.5	QUARTZ-SERICITE-GRAPHITE SCHIST:										
		Medium gray color, 25 - 30% quartz, 5 - 20% sericite, minor scattered	16.0		30.0	51.0						
		blebs and streaks of pyrite. 32 - 49 ft: a few quartz veinlets, minor	5.3		51.0	86.0						
		local drag-folds, mild alteration.	48.0		86.0	134.5						
		54 - 84 ft: 2% oxidation showing rusty bedding and fractures.	1.2		134.5	136.5						
		84 - 136.5 ft: Increasing rock movement, parallel bedding most intense from 109 - 136.5 ft., showing drag-folds undulating bedding showing ore quartz less sericite and minor leaching.										
		134.5 - 136.5 ft: 15% pyrite in contorted and folded bands, negligible Pb-Zn.										
		C.A. 65° @ 32 - 48 ft., 45° @ 48 - 84 ft., 60° @ 85 ft., 70° @ 87 ft., 60 - 65° @ 97 - 133 ft.										
136.5	199.4	MASSIVE SULPHIDES:										
		Sericite totally replaced by 70% pyrite, banding distinct, sulphides	2.3	658	136.5	140.0	3.5		.76	1.9	.7	
		banded, 6% magnetite in flowing streaks, 0.2% Cu occurs as fracture filling &	4.0	659	140.0	145.0	5.0		1.44	2.8	3.1	
		blebs. No rock ovement noted.	5.0	660	145.0	150.0	5.0		1.44	3.5	3.5	
		136.5 - 172.5 ft: 5 - 6% Pb-Zn, 172.5 - 183.5 ft: 10% Pb-Zn, 183.5 - 199.4' 8% Pb-Zn.	4.7	661	150.0	155.0	5.0		1.12	3.2	3.7	
			4.6	662	155.0	160.0	5.0		1.28	3.3	4.6	
		C.A. 50° @ 138 ft., 60° average @ 143 - 168 ft., 65° @ 172 - 185 ft., 70° @ 186 - 194 ft., 60° @ 195 ft.	4.9	663	160.0	165.0	5.0		1.04	1.6	1.1	
			5.0	664	165.0	170.0	5.0		1.00	1.9	2.1	
			5.0	665	170.0	175.0	5.0		1.52	2.5	2.9	
			5.0	666	175.0	180.0	5.0		1.80	3.8	5.0	
			5.0	667	180.0	185.0	5.0		1.04	2.5	2.7	
			5.0	668	185.0	190.0	5.0		1.88	3.6	5.0	

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-31 PAGE 2

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Ozs/T Gold	Ozs/T Silver	Pb %	Zn %	Cu %
			4.7	669	190.0	195.0	5.0		1.80	3.2	5.4	
			4.1	670	195.0	199.4	4.4		.50	1.6	2.0	
199.4	209.0	QUARTZ-CHLORITE-SERICITE SCHIST:										
		Bleached, greenish-buff color, soft, fissile and talcy, slightly leached in spots, 30% quartz, 15% chlorite in bands and blebs, 3% pyrite, no Pb-Zn. C.A. 65°.	6.8	671	199.4	209.0	9.6		.18	Tr.	.1	
209.0	242.5	MASSIVE SULPHIDES:										
		Similar to 136.5 - 199.4 ft., except brecciated, angular quartz fragments occur in clusters or individual fragments, generally a flow pattern following schistosity. Pyrite content decreases from 90% @ 209 ft., to 50% @ 243 ft.	5.0	672	209.0	214.0	5.0		.36	2.0	2.9	
			5.0	673	214.0	219.0	5.0		.48	1.9	3.1	
			5.0	674	219.0	224.0	5.0		.34	2.0	2.5	
		Banding less distinct. Average 75% pyrite, 10% magnetite, 0.07% Cu.	5.0	675	224.0	229.0	5.0		1.00	Tr.	2.5	
			3.5	676	229.0	232.5	3.5		1.28	1.8	2.4	
		209 - 229 ft: 4 - 5% Pb-Zn,	5.0	677	232.5	237.5	5.0		1.72	3.0	5.4	
		229 - 232.5 ft: 3% Pb-Zn	5.0	678	237.5	242.5	5.0		1.80	3.3	6.1	
		232.5 - 243 ft: 9% Pb-Zn										
		C.A. 70° @ 213 ft., 60° @ 228 ft., @ 240 ft.										
242.5	248.5	QUARTZ-GRAPHITE SCHIST - SILICIFIED:										
		Banded sulphide and graphite, silicified. Minor sulphide-filled f ctures crossing bands. Sulphides dragged into wavy bands in upper section, into broad drag-folds near centre and end of section, fold axis perpendicular to core. Average 50% quartz, 15% graphite, 25% pyrite, 2 - 3% Pb-Zn, 0.2% Cu, minor pyrrhotite. C.A. 70° 40' @ 244 ft.	6.0	679	242.5	248.5	6.0		.92	1.6	2.2	

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-31 PAGE 3

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Pb %	ASSAY Zn %	ASSAY Cu %
248.5	261.8	QUARTZ-SERICITE SCHIST - SILICIFIED:										
		Sericite totally replaced. Sulphides and quartz occur as irregular bands which appear to be silicified flow. Upper 2 ft., show drag-folding. Average 45% pyrite, minor (graphite?) disseminated giving grayish color to quartz, 1% Pb-Zn from 248.5 - 252 ft., and 0.2% from 252 - 262 ft. C.A. 70° Average.	5.0	680	248.5	253.5	5.0		.96	.4	.7	
			7.9	681	253.5	261.8	8.3		.24	.4	.7	
261.8	265.8	QUARTZ-CHLORITE-SERICITE SCHIST:										
		Slightly bleached, highly altered, partly silicified. 30% quartz, 10% chlorite in irregular lenses and blotches, 0.5% pyrite in scattered blebs, 0.2% Pb-Zn. C.A. 70°.	4.0	682	261.8	265.8	4.0		.12	.2	T_r.	
265.8	278.0	QUARTZ-CHLORITE-SERICITE SCHIST - SILICIFIED:										
		Sericite totally replaced. Moderate rock movement showing drag-folds & plastic flow parallel to schistosity. Rock silicified.	7.2	683	265.8	273.0	7.2		.24	.2	Tr.	
		265.8 - 273.0 ft: 60% pyrite, 15% magnetite, 0.05% Cu, 1% chlorite, 0.5% Pb-Zn.	5.0	684	273.0	278.0	5.0		.30	.2	.1	
		273.0 - 278.0 ft: 35% pyrite, 2% magnetite, minor pyrrhotite, 0.05% Cu, 4% chlorite, 0.2% Pb-Zn. C.A. 60° but undulating to 30°.										

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-31 PAGE 4

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Pb %	Zn %	Cu %
278.0	289.7	QUARTZ-SERICITE-SCHIST - SILICIFIED:										
		Sericite 99% replaced. Rock similar to 265.8 - 278 ft. Average 60% pyrite, 2% magnetite, minor chalcopyrite, 0.2% Pb-Zn. C.A. 70°.	5.4	685	278.0	284.0	6.0		.36	.2	.7	
			5.5	686	284.0	289.7	5.7		.60	.2	.1	
289.7	323.5	QUARTZ-SERICITE SCHIST - SILICIFIED:										
		Totally bleached, 10 - 90% sericite replaced, pyrite content varies from NIL between 293.3 - 298.5 ft., and 320.0 - 323.7 ft., to 25% average in remainder of rock. Core shows intense drag-folding broad and silicified throughout. Except for upper 3 feet, the remainder show only a few specks of Pb-Zn-Cu, and minor magnetite. C.A. 40° @ 289.7 ft., 50° @ 304 ft., 70° @ 306 ft., 75° @ 309 ft., 70° @ 314 ft., 80° @@ 320 ft., 60° @ 322 ft.	3.1	687	289.7	293.3	3.6		.24	.1	Tr.	
			32.0		293.3	323.5						
323.5	329.0	QUARTZ-SERICITE SCHIST - SILICIFIED:										
		Sericite 98% replaced. Rock movement parallel to bedding producing broad folds and separation of quartz. 75% pyrite, 15% magnetite, 2% sericite 4% Pb-Zn. C.A. 45° to 85° to 50° from 324 - 329 ft.	5.5	688	323.5	329.0	5.5		.50	1.1	Tr.	
329.0	397.0	SHEARED ZONE AND FAULT:										
		A) QUARTZ-SERICITE SCHIST:										
		329 - 329.6 ft: Bleached, non-mineralized, not sheared, minor dragging upper contact @ 50°, lower @ 20°.	7.8		329.0	337.0						
			2.6		337.0	340.0						

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-31 PAGE 5

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Pb - %	Zn %	Cu %
		329.6 - 332.3 ft: Cemented fragments, 25% pyrite.	1.1		340.0	348.0						
		332.3 - 333.2 ft: Silicified, 5% pyrite, 95% quartz.										
		333.2 - 336.7 ft: Sheared, moderately crumbly, 2% pyrite.										
		336.7 - 338.0 ft: Silicified, 75% pyrite, 4% Pb-Zn.										
		338.0 - 340.0 ft: As 333.2 - 336.7 ft.										
		340.0 - 348.0 ft: Sheared, loosely cemented, 2% pyrite. C.A. 60°, Shearing @ 20° to core.										
		B) QUARTZ-GRAPHITE SCHIST:										
		348 - 371 ft:, sheared, crumbly, loosely cemented, negligible sulphides.	0.7		348.0	362.0						
		371.-377 ft: Moderate shearing, slightly crumbly, negligible pyrite.	3.4		362.0	377.0						
		377 - 390 ft: Lost Core.	L.C.		377.0	390.0						
		390 - 397 ft: Highly fissile, not sheared, negligible pyrite.	3.3		390.0	397.0						
		397 - 398 ft: No core.	N.C.		397.0	398.0						
	398.0	END OF HOLE:										
		REMARKS:										
		1) Lost water @ 240 - 245 ft.										
		2) Hole reduced from EXWL to AXWL @ 375 ft., to drill through sheared zone.										
		3) Followed down with AXA casing but neglected to advance it past footage 390 ft., where rock is coring.										
		4) @ 398 ft., difficult to reach bottom, stuck AXWL rods, could not advance, AXA casing - stuck, stopped hole.										
		5) Broke AXA casing @ collar + 90 ft., 280 ft., left in hole between footages 90 - 370 ft., an AXA casing shoe # ? (and a reaming shell?)										

DIAMOND DRILL RECORD

LOGGED BY FRED CHOW

OCT 19 1966

PROPERTY SWIM LAKES "A" GROUP

D.D.H. No. A-30 PAGE 1

LATITUDE 14,580.2 N BEARING OF HOLE S 27° 47' W STARTED August 30, 1966

DEPARTURE 59,011.64 DIP OF HOLE -60° COMPLETED Sept. 6/66 Stopped on Sept 7/66

ELEVATION 3,591.85 DIP TESTS @ 200 ft. True angle = 62° 30' @ 400 ft. True angle = 68° 30' DEPTH 518 ft.

CLAIM No.

DIRECTION AND DISTANCE FROM NE. CLAIM POST

HOLE SIZE: H to 11 ft., NX to 30 ft., BX to 42 ft., BXWL to 518 ft.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Pb %	ASSAY Zn %	ASSAY Cu %
0	30	OVERBURDEN:										
30.0	42.0	QUARTZ-SERICITE SCHIST:										
		Core broken, partically ground, recovery poor. Not leached, rust on	1.0	609	30.0	33.5	3.5		.48	.3	1.8	
		fractures. Sericite totally replaced by 60% pyrite. 30% quartz, 0.3% Cu	0.4	610	33.5	36.5	3.0			1.1	1.2	
		as chalcopyrite blebs, 5% Pb-Zn disseminated. Average 1% magnetite -	0.5	611	36.5	37.5	1.0		.84	1.2	3.0	
		mainly from 36.5 - 37.5 ft.	0.4	612	37.5	40.0	2.5		.80	.4	2.1	
		C.A. 45° @ 32 ft.	0.5	613	40.0	42.0	2.0		Tr.	.3	1.9	
		SLUDGE		584	30.0	35.0	5.0		.26	.3	.1	
		SLUDGE		585	35.0	40.0	5.0		.96	.3	1.1	
42.0	69.0	QUARTZ-SERICITE SCHIST:										
		Totally bleached to buff color, 5% leached showing rust along bedding and	1.3	614	42.0	45.0	3.0		.28	.3	Tr.	
		fractures. Minor magnetite, 7% pyrite occuring in streaks and narrow bands,	5.3	615	45.0	52.0	7.0		.08	.1	.1	
		3% Pb-Zn to 45 ft., 1 - 2% from 45 - 57 ft., 0.4% Pb-Zn from 57 - 69 ft.	2.7	616	52.0	57.5	5.5		.38	.2	1.2	
		C.A. 70° Average.	7.3		57.5	69.0						
		SLUDGE		586	40.0	45.0	5.0		.54	.4	1.1	
		SLUDGE		587	52.0	57.0	5.0		.36	.2	.1	
		SLUDGE		588	60.0	65.0	5.0		.32	.2	.1	
69.0	101.5	QUARTZ-CHLORITE-SERICITE SCHIST:										
		Totally bleached, minor leaching. Buff to greenish-buff color. 25%	20.5		69.0	91.5						
		quartz, 10% chlorite, average 5% pyrite and pyrrhotite in narrow irregular	7.5	617	91.5	101.5	10.0		Tr.	Tr.	Tr.	
		bands and streaks, sporadic Pb-Zn mineralization - average 0.2%. 0.5 -										
		0.8 ft. quartz veins @ 88 - 90 ft., 94.7 ft., 99 ft., minor chalcopyrite.										
		C.A. 70° Average.										

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-30 PAGE 2

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Pb %	Zn %	Cu %
101.5	120.2	QUARTZ-SERICITE SCHIST:										
		Totally bleached, 2% leached, minor rusty bedding planes and fractures.	5.0	618	101.5	106.5	5.0		.08	.3	.6	
		Irregular width of sulphides ranging from a streak to 0.4 ft. bands. Average	4.5	619	106.5	111.5	3.5		.24	.2	1.7	
		20% pyrite and pyrrhotite, 0.2% chalcopyrite. 4% Pb-Zn from 101.5 - 115.0 ft.,	3.2	620	111.5	115.0	3.5		.32	.3	.7	
		0.2% from 115 - 120.2 ft.	4.2	621	115.0	120.2	5.2					
		C.A. 70 - 80°.										
120.2	125.0	QUARTZ-GRAPHITE SCHIST:										
		Banded quartz-graphite showing plastic flow and drag-folds, 10% pyrite in	3.5	622	120.2	125.0	4.8		.20	.3	Tr.	
		clusters uniformly distributed in quartz. 1% Pb-Zn.										
		C.A. 65°.										
125.0	133.5	QUARTZ-SERICITE SCHIST:										
		Slight alteration. 40% pyrite replacement of sericite schist, banded,	8.3	623	125.0	133.5	8.5		.44	Tr.	Tr.	
		irregularly distributed, 40% quartz, 1% Pb-Zn.										
		C.A. 70°.										
133.5	146.5	QUARTZ-CHLORITE-SERICITE SCHIST:										
		Slight alteration. 40% quartz, 20% chlorite, 5% pyrite, banded. 0.2%	11.0	624	133.5	146.5	13.0		.02	.1	Tr.	
		Pb-Zn, spot of chalco.										
		C.A. 70°.										

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-~~28~~ 30 PAGE 3

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Pb %	Zn %	Cu %
146.5	153.7	QUARTZ-SERICITE SCHIST:										
		Bleached, highly altered from 150 - 153.7 ft., quartzy with blotches of magnetite. Average 10% pyrite, 0.5% Pb-Zn	6.3	625	146.5	153.7	7.2		.08	.3	Tr.	
153.7	164.3	QUARTZ-SERICITE AND QUARTZ-GRAPHITE SCHIST:										
		Alternate sections of each, the sericite schist contains 2% pyrite and	8.6	626	153.7	164.3	10.6		.08	Tr.	.5	
		0.2% Pb-Zn, the graphite schist contains 10% pyrite and 3% Pb-Zn. Overall average 1% Pb-Zn, spot of chalcopyrite, 40% quartz. Moderate rock movement. C.A. 70° Average.										
164.3	169.0	QUARTZ-GRAPHITE SCHIST:										
		Similar to 120.2 - 125 ft. Average 30% pyrite, 4% Pb-Zn.	4.5	627	164.3	169.0	4.7		.56	2.2	2.8	
169.0	189.5	QUARTZ-SERICITE SCHIST:										
		Intense rock movement; drag-folded along the upper section, lensing of	6.7	628	169.0	176.0	7.0		.32	.3	1.3	
		quartz and pyrite along the lower section, fracturing throughout. Quartzy	6.5	629	176.0	183.0	7.0		.22	.2	.7	
		(40%) and hard, 25% pyrite, 1% Pb-Zn from 169 - 176 ft., 0.5% from 176 -	5.8	630	183.0	189.5	6.5		.08	Tr.	1.1	
		- 189.5 ft. Negligible chalcopyrite. C.A. 70° Average.										

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-30 PAGE 4

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Pb %	Zn %	Cu %
189.5	211.5	QUARTZ-CHLORITE-SERICITE SCHIST:										
		Greenish-gray color. Not bleached but highly altered through folding.	7.0	631	189.5	196.5	7.0		.20	T_r.	Tr.	
		Some brecciation between 190 - 191.2 ft. and 203.8 - 211.5 ft. showing angular	4.9	632	196.5	201.5	5.0		.14	.2	.5	
		fragments in a high pyrite (40%) - magnetite (25%) mass, which contains 8%	4.7	633	201.5	206.5	5.0		.12	.1	T_r.	
		Pb-Zn, 0.3% Cu. Remaining core contains 15% pyrite, 10 - 15% magnetite,	4.7	634	206.5	211.5	5.0		.20	T_r.	Tr.	
		negligible chalcopyrite. Pyrite occurs in bands, magnetite, galena and sphalerite in bands, blotches and blebs. 40% quartz, 5% chlorite, occuring mainly as blebs.										
		C.A. 70°.										
211.5	229.0	QUARTZ-CHLORITE-SERICITE SCHIST:										
		20% bleached sections. Tight drag-folds @@ 224 - 226 ft. 35% quartz,	7.9	635	211.5	219.5	8.0		.22	Tr.	.3	
		2% chlorite, 3 - 40% (average 15%) pyrite and pyrrhotite in bands, 0.2% Pb-Zn	8.5		219.5	229.0						
		@ 211.5 - 213.5 ft., 1% @ 213.5 - 219.5 ft.; negligible Pb-Zn @ 219.5 - 229 ft.										
		Minor Chalcopyrite.										
		C.A. 70°.										
229.0	247.0	QUARTZ-SERICITE SCHIST:										
		Totally bleached, locally drag-folded, slightly leached in spots, rusty	18.0		229.0	247.0						
		bands between 237.5 - 247 ft. 3% pyrrhotite with pyrite - irregular streaks										
		and bands. 0.5% magnetite associated with pyrrhotite, a few specks of chalco-										
		pyrite, negligible Pb-Zn.										
		C.A. 70° Average.										

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-30 PAGE 5

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Pb - %	Zn %	Cu %
247.0	262.0	QUARTZ-SERICITE SCHIST:										
		Totally bleached and slightly leached. Fissile in parts, minor rock movement, 1% pyrrhotite and pyrite, 25% quartz. C.A. 70°.	10.0		247.0	262.0						
		SLUDGE		589	252.0	257.0	5.0		.36	T_r.	Tr.	
262.0	286.0	QUARTZ-CHLORITE-SERICITE SCHIST:		— well advise								
		Totally bleached, slightly leached, local drag-folds. 30% quartz, 20% chlorite occurs in bands and blebs, 1% pyrrhotite with pyrite, a few spots of Pb-Zn-Cu, and blobs of magnetite. C.A. 70° Average.			262.0	286.0						
286.0	308.0	QUARTZ-SERICITE-CHLORITE SCHIST:										
		Grayish-green color. Mild alteration, local drag-folds, slightly leached in spots, slightly fissile. 40% quartz, 20% sericite, 3% pyrrhotite with pyrite, spot of Pb-Zn-Cu, and average of 0.5% magnetite. C.A. 70°.	17.0		286.0	308.0						
308.0	317.0	QUARTZ-CHLORITE-SERICITE SCHIST:										
		Bleached, grayish-green color. 40% quartz, 10% chlorite, average 10% pyrrhotite with minor pyrite, 1 - 2% magnetite, spot of Pb-Zn. Local drag-folds. C.A. 70°.	9.0		308.0	317.0						

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-30 PAGE 6

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Pb %	Zn %	Cu %
317.0	335.0	QUARTZ-SERICITE SCHIST:										
		Totally bleached, slightly leached in spots, broad folds. 8% pyrrhotite with minor pyrite in narrow bands, negligible Pb-Zn-Cu. C.A. 70°.	16.5		317.0	335.0						
335.0	345.5	QUARTZ-SERICITE SCHIST:										
		Totally bleached to buff color, negligible pyrrhotite, no rock movement, numerous quartz veinlets between 339 - 345.5 ft. C.A. 80° @ 335 - 343 ft.. 70° @ 345 ft.	10.5		335.0	345.5						
345.5	352.8	QUARTZ-CHLORITE-SERICITE SCHIST:										
		Grayish-green color. Mild alteration. 40% quartz, 25% chlorite, no sulphides. C.A. 75°.	7.0		345.5	352.8						
352.8	366.3	QUARTZ-SERICITE SCHIST:										
		Bleached, slightly leached, broad folds, 30% pyrrhotite with pyrite - in bands irregularly spaced. 2% magnetite in clots, negligible Pb-Zn-Cu. C.A. 60°.	13.5		352.8	366.3						

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-30 PAGE 7

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Pb %	Zn %	Cu %
366.3	379.2	QUARTZ-SERICITE SCHIST:										
		Similar to 335 - 345 ft.	12.5		366.3	379.2						
		C.A. 70° average.										
379.2	483.0	QUARTZ-SERICITE SCHIST AND QUARTZ-GRAPHITE SCHIST - BRECCIATED & SILICIFIED:										
		379.2 - 383.0 ft: Quartz-sericite schist - 45% pyrite & pyrrhotite	10.6	636	379.2	389.8	10.6		.14	Tr.	Tr.	
		383.0 - 387.0 ft: Quartz-chlorite-sericite schist, 5% pyrite & pyrrhotite	6.0	637	389.8	396.0	6.2		.56	1.1	2.1	
		387.0 - 390.0 ft: Quartz-sericite schist - 45% pyrite and pyrrhotite	5.0	638	396.0	401.0	5.0		.68	1.2	2.6	
		390.0 - 407.0 ft: Quartz-sericite schist - 70% pyrite, 5% magnetite,	5.0	639	401.0	406.0	5.0		.68	.5	1.7	
		3 - 4% Pb-Zn, 0.2% Cu.	5.0	640	406.0	411.0	5.0		1.68	8.2	8.1	
		407.0 - 417.0 ft: Quartz-sericite schist - 40% pyrite, 9% magnetite	5.0	641	411.0	416.0	5.0		1.72	7.0	8.8	
		0.1% Cu, 15% Pb-Zn with quartz breccia.	5.0	642	416.0	421.0	5.0		1.28	4.1	5.4	
		417.0 - 425.0 ft: Quartz-sericite schist - 30% pyrite, 7% magnetite,	5.0	643	421.0	426.0	5.0		1.48	3.2	3.1	
		negligible Cu, 8% Pb-Zn with quartz breccia.	4.8	644	426.0	431.0	5.0		1.28	3.0	3.0	
		425.0 - 430.0 ft: Quartz-graphite schist - 20% pyrite, 8% Pb-Zn	5.0	645	431.0	436.0	5.0		1.36	3.2	5.9	
		430.0 - 436.5 ft: Quartz-sericite schist - 20% pyrite, 0.1% Cu, 4% Pb-Zn	5.0	646	436.0	441.0	5.0		1.24	2.1	2.5	
		with quartz breccia.	5.0	647	441.0	446.0	5.0		.52	1.3	1.1	
		436.5 - 440.0 ft: Quartz-graphite schist - 20% pyrite, 6% Pb-Zn, plastic	5.0	648	446.0	451.0	5.0		.56	Tr.	.1	
		flow.										
		440.0 - 444.0 ft: Quartz-sericite schist - 60% pyrite, 4% Pb-Zn	5.0	649	451.0	456.0	5.0		.36	.2	Tr.	
		444.0 - 456.0 ft: Quartz-graphite schist - 50% pyrite, 1% Pb-Zn	4.7	650	456.0	461.0	5.0		1.40	6.5	3.9	
		456.0 - 464.5 ft: Quartz-sericite schist - 45% pyrite, 5% magnetite,	3.3	651	461.0	464.5	3.5		1.36	5.0	4.6	
		0.3% Cu, 10% Pb-Zn, slightly vuggy.										
		464.5 - 469.0 ft: Quartz-graphite schist - 15% pyrite.	4.5	652	464.5	469.0	4.5		.80	1.9	4.0	
		469.0 - 479.0 ft: Quartz-sericite schist, 25% pyrite, 0.1% Cu, 3% Pb-Zn,	5.0	653	469.0	474.0	5.0		1.16	3.6	5.4	
		slightly vuggy.	5.0	654	474.0	479.0	5.0		1.16	3.6	5.0	
		479.0 - 483.0 ft: Quartz-sericite schist - 70% pyrite, 4% magnetite, 0.2% Cu, 6% Pb-Zn, medium vuggy.	4.0	655	479.0	483.0	4.0		1.24	3.3	3.2	

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-30 PAGE 8

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Pb %	Zn %	Cu %
		The above rock is brecciated in varying degrees, and is entirely silicified into a hard brittle rock showing plastic flow. The sericite is nearly all replaced and the graphite content is 5% in all the graphite schist sections. The graphite schist shows no magnetite. C.A. average 65° with minor deviations.										
483.0	518.0	QUARTZ-GRAPHITE SCHIST - SHEAR ZONE:										
		Black to gray-black. Rock intensely sheared, not granulated and no gouge to indicate a fault. Shearing most intense between 483 - 491 ft. From 491 - 518 ft., one-half the fragments recovered show 5 - 25% pyrite in a siliceous rock with minor graphite. Negligible Pb-Zn shown.	2.3		483.0	487.5						
			2.0		487.5	508.0						
			0.4		508.0	518.0						
		Upper contact @ 60°	SLUDGE	656	497.0	508.0	11.0		Tr.	.1	T_r	
		C.A. 65° @ 492 ft.	SLUDGE	657	508.0	518.0	10.0		.48	.1	T_r.	
	518.0	END OF HOLE:										
		REMARKS: Intersected shear zone @ 483 ft., continued BXWL hole through zone to 518 ft., then reduced to AXWL. AXA casing lowered and drilled to 505 ft., but could not advance further. Lowered AXWL rods to drill out cave material, - got stuck with casing. Got rods loose and pulled both the rods and casing out, but lost the following: 1 AXWL Casing Bit #10085, 200 stone - 9.02 weight, 1 AXWL Reaming Shell #137, 9.53 weight, and 1 AXA Casing Shoe #60.										

DIAMOND DRILL RECORD

LOGGED BY W. M. Sirola

Of 4/5 - 19.

PROPERTY Swim Lakes "A" Group

D.D.H. No. A - 29A PAGE 1

LATITUDE 14,182 BEARING OF HOLE S 30 deg. W STARTED Aug. 9, 1968.

DEPARTURE 60,167 DIP OF HOLE - 60 deg. COMPLETED Aug.21, 1968.

ELEVATION Coll. 3577'. DIP TESTS DEPTH 104'

CLAIM No. Swim # 23 M.C.

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY
0	17	OVERBURDEN					
17	104	QUARTZ - SERICITE SCHIST:					
		Sericite 30%, grey, fissile. Core broken in chips. Recovery poor - 10%					
	104	END OF HOLE.					

DIAMOND DRILL RECORD

LOGGED BY W. M. Sirola

PROPERTY ~~Swim Lakes "A" Grpup~~

LATITUDE 14,182 BEARING OF HOLE S 30 deg. W STARTED Aug. 12, 1968

DEPARTURE 60,169 DIP OF HOLE - 60 deg. COMPLETED Aug. 18, 1968

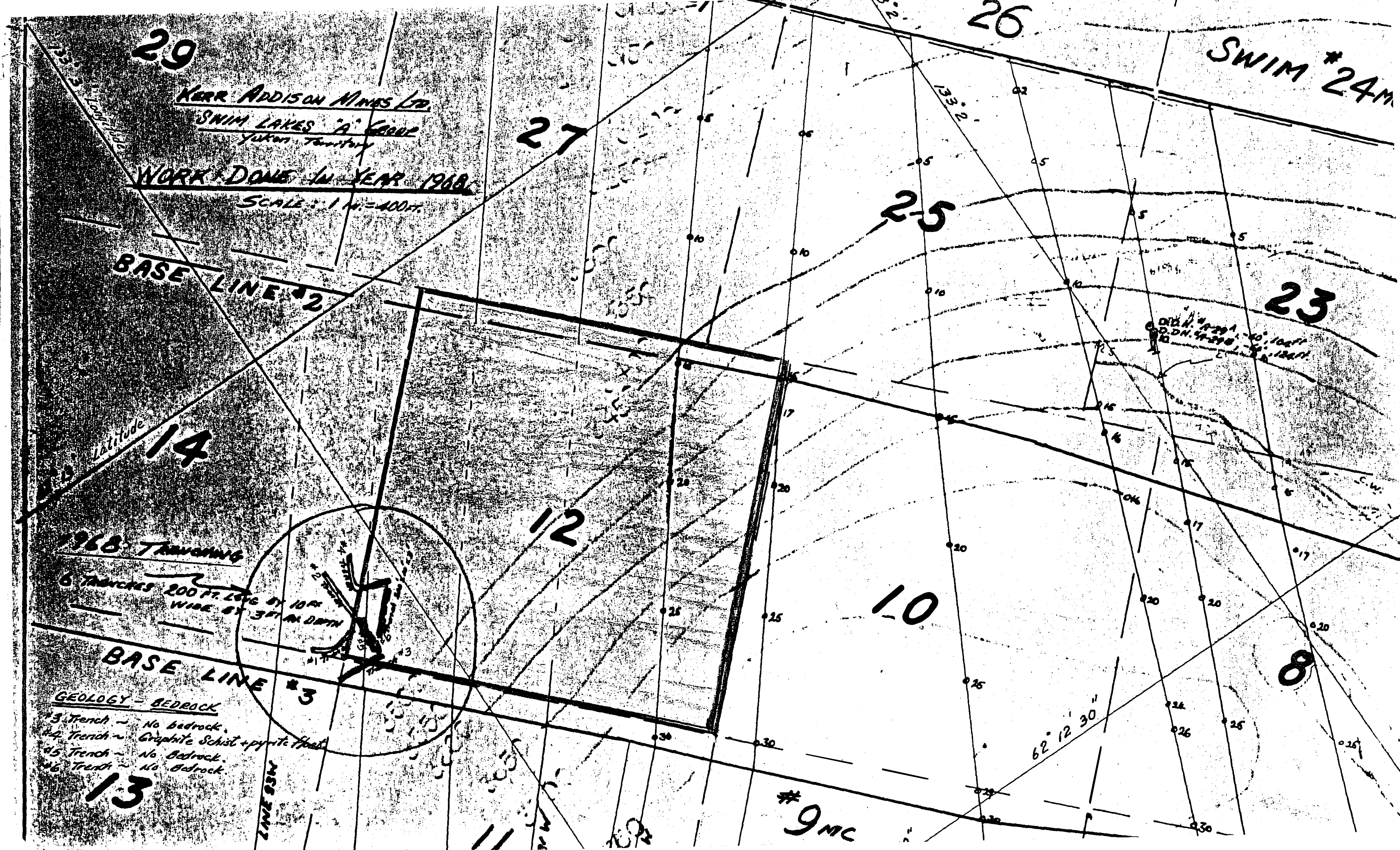
ELEVATION Collar 3576' DIP TESTS DEPTH 124'

D.D.H. No. A-29B PAGE 1

CLAIM No. ~~Swim 23 M.C.~~

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY
0	17	OVERBURDEN.						
17	124	QUARTZ-SERICITE SCHIST:						
		Sericite 20%, gray in color, fissile.	10% Rec.					
		Core recovery poor, in chips.						
	124	END OF HOLE.						
		REMARKS: Core stored at Swim Lakes Core Shack.						



KERR ADDISON MINES LTD.
SWIM LAKES "A" GROUP
Yukon Territory
WORK DONE IN YEAR 1968.
SCALE: 1 in. = 400 ft.
BASE LINE #2
BASE LINE #3
1968 TRENCHING
6 TRENCHES 200 FT. LONG BY 10 FT. WIDE BY 3 FT. AV. DEPTH
GEOLOGY - BEDROCK
#3 Trench ~ No bedrock.
#4 Trench ~ Graphite Schist + pyrite float.
#5 Trench ~ No Bedrock.
#6 Trench ~ No Bedrock.
SWIM #24 M
#9 MC
62° 12' 30"
133° 2'
Longitude
Latitude
29
27
26
25
23
14
13
12
10
8
11

OCT 11 1966

DIAMOND DRILL RECORD

LOGGED BY FRED CHOW

PROPERTY Swim Lakes "A" Group

D.D.H. No. A-29 PAGE 1 (was 1-25)

LATITUDE 14,182.46 BEARING OF HOLE S 30° 05' W STARTED August 15/66

DEPARTURE 60,169.46 DIP OF HOLE -60° 30' COMPLETED September 7, 1966

ELEVATION Collar 3,576.15 DIP TESTS @ 200' True angle =61°, @ 400' True angle =58°, @ 600' True angle =72° DEPTH 623 ft.

CLAIM No.

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Ozs/T Gold	Ozs/T Silver	Pb %	Zn %	Cu%
o	17.0	OVERBURDEN:										
17	130.5	QUARTZ-SERICITE-GRAPHITE SCHIST:										
		20% quartz, 50% graphite, 30% sericite, color - grey to blackish-grey. Core breaks largely into poker-chip type sections. Surface oxidation evident to 38 ft. Prominent vein quartz from 97.2 to 100 ft. Highly variable core angles. Last 0.5 ft. of section is thoroughly brecciated.	20.0		17.0	58.0						
			22.0		58.0	104.0						
			15.2		104.0	130.5						
		C.A. 35° - 45° @ 17 - 68 ft., 40° - 15° - 40° @ 68 - 97 ft., 50° @ 102 ft., 50° @ 110 and 120 ft., 122 - 124.5 ft. - contorted: average 15°, 70° @ 130 ft.										
130.5	135.5	MASSIVE SULPHIDES:										
		70% pyrite. 131.5 - 132.5 - post mineral breccia zone, 50% pyrite, 12% Pb-Zn. Breccia consists of angular fragments of pyrite embedded in a quartzose, kaolinized matrix. Both fragments and matrix contain Pb-Zn mineralization.	5.0	535	130.5	135.5	5.0		.84	5.7	4.1	
		132.5 - 135.5 ft: Average Pb-Zn = 4%. Average for whole section 8% Pb-Zb. Ratio of Pb:Zn = 9:1. Minor sporadic chalcopyrite.										
		C.A. 55° @ 131 ft., 40° @ 134 ft.										
135.5	148.5	QUARTZ-SERICITE SCHIST SILICIFIED:										
		30% pyrite as irregular bands, veinlets and clots. 5% magnetite occurring largely with pyritic clots. Average Pb-Zn content 8% overall.	6.0	536	135.5	141.5	6.0		1.42	8.1	5.3	
			5.1	537	141.5	148.5	7.0		.74	2.7	1.9	

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-29 PAGE 2

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

CLAIM No. _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

DIRECTION AND DISTANCE FROM

ELEVATION _____ DIP TESTS _____ DEPTH _____

NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Ozs/T Gold	Ozs/T Silver	Pb %	Zn %	Cu%
		Minor sporadic chalcopyrite.										
		C.A. 40° @ 138 ft., 45° @ 145 ft.										
148.5	165.7	MASSIVE SULPHIDES:										
		70% replacement of silicified quartz - sericite schist by pyrite,	7.0	538	148.5	155.5	7.0		1.36	4.8	2.3	
		10% magnetite. 0 - 0.2% Cu. Minor silicified, graphitic breccia @	7.0	539	155.5	162.5	7.0		1.78	5.5	3.0	
		163 ft.										
		Average 7% Pb-Zn										
		C.A. 45° @ 152 ft., 50° @ 157 ft.										
165.7	205.0	QUARTZ-GRAPHITE SCHIST, SILICIFIED & BRECCIATED:										
		60% replacement of silicified graphite schist by pyrite. Intense	5.2	559	165.7	171.0	5.3		1.64	5.3	5.7	
		movement showing fractures within the silicified schist, the former filled	4.8	560	171.0	176.0	5.0		1.04	3.9	3.6	
		with pyrite and occassionaly with chalco, also angular schist fragments.	4.3	561	176.0	181.0	5.0		1.40	3.8	3.6	
		Deeply leached (2%) and rusty fractures.										
		C.A. 65° @ 167 ft., 60° @ 175 ft., 40° @ 178 Ft., 10° @ 179 ft.,										
		50° @ 185 ft., 55° @ 192 - 204 ft.										
		165.7 - 181 ft: 9.5% Pb-Zn, 0.1% Cu., 1-2% magnetite.										
205.0	214.0	QUARTZ-GRAPHITE SCHIST, SILICIFIED:										
		Similar to 165.7 - 205 ft., except no brecciation, minor movement and	4.2	562	205.0	210.0	5.0		1.28	3.3	4.1	
		negligible leaching. 60% pyrite, 3% graphite, 8% Pb-Zn - bands &	4.0	563	210.0	214.0	4.0		1.76	4.0	3.4	
		disseminated, 0.2% Cu. negligible magnetite.										
		209.9 - 212 ft: massive sulphides - 75% pyrite										
		C.A. 80°										

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-29 PAGE 3

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

CLAIM No. _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

ELEVATION _____ DIP TESTS _____ DEPTH _____

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Ozs/T Gold	Ozs/T Silver	Pb %	Zn %	%
214.0	230.7	MASSIVE PYRITE:										
		90% pyrite, minor quartz, 12% Pb-Zn from 214 - 216 ft., 5% Pb-Zn	1.8	564	214.0	216.0	2.0		2.76	6.8	12.6	
		from 216 - 230.7 ft., 15% leached - not rusty but vuggy, 3% secondary	1.4	565	216.0	219.5	3.5		1.96	3.2	5.5	
		calcite, no magnetite, 0.1% Cu.	0.3	566	219.5	222.5	3.0		1.84	3.2	5.1	
		C.A. 70° Average	3.0	567	222.5	230.7	7.2		1.48	3.2	5.4	
230.7	251.1	MASSIVE PYRITE - QUARTZ BRECCIA:										
		0.01 to 0.05 ft. size angular quartz breccia in fine grained massive	5.3	568	230.7	239.0	6.3		.52	.3	.1	
		pyrite. Breccia occurs as scattered fragments and in bunches. Breccia	6.2	569	239.0	243.5	6.5		.28	.2	.1	
		fragments = 15% of rock. A few specks Pb-Zn-Cu mineralization. 1%	7.6	570	243.5	251.1	7.6		.52	.1	.1	
		calcite - secondary 248.4 - 251 ft: 25% magnetite - distorted and fragmental bands, less quartz fragments.										
		C.A. 80° @ 247 - 251 ft.										
251.1	284.0	QUARTZ-SERICITE SCHIST:										
		Totally bleached to buff color, slightly leached, kaolinized. Quartz	5.2	571	251.1	256.6	5.5		.28	Tr.	Tr.	
		between top 2 ft., remainder 15% quartz. Sulphides occur in varying band	5.0	572	256.6	262.0	5.4		1.10	2.4	2.2	
		widths - streaks to 0.3 ft., and are irregularly spaced galena	9.3	573	262.0	272.0	10.0		.54	1.5	1.0	
		crystals.	4.7	574	272.0	278.0	6.0		.30	.6	Tr.	
		Minor local drag-folds.	3.1	575	278.0	284.0	6.0		.30	1.3	1.4	
		251.1 - 256.6 ft: 3% pyrite, negligible Pb-Zn										
		256.6 - 259.9 ft: 45% pyrite, 6% Pb-Zn										
		259.9 - 272.0 ft: 10-15% pyrite, 1-2% Pb-Zn										
		272.0 - 284.0 ft: 3% pyrite, 1% Pb-Zn										
		C.A. 50° @ 252 ft., 40° @ 263 - 273 ft., 35° @ 275 ft., 60° @ 276 ft., 65° @ 280 ft., 30° @ 283 ft.										

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

D.D.H. No. A-29 PAGE 4

CLAIM No. _____

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Pb %	Zn %	Cu%
284.0	337.5	QUARTZ-GRAPHITE-SERICITE SCHIST:										
		Light-gray color, low alteration, slightly leached local drag-folds, 25 - 30% quartz, 10-15% graphite, 1-3% pyrite, irregular disseminations along bands. Minor streaks and blebs of Pb-Zn @ 284 - 289 ft., 310.6 - 330 ft., u. Sulphide Short sections @ 324 - 324.3 ft., 327.3 - 328 ft.	47.0		284.0	337.5						
		C.A. 40° @ 285 ft., 50° @ 295 ft., 312 ft., 60° @ 313 ft., 40° @ 319 - 327 ft., 50° @ 328 ft., 55° @ 337 ft.										
337.5	372.3	QUARTZ-SERICITE-GRAPHITE SCHIST:										
		Gray-black, moderately fissile, slightly leached, low alteration.	14.5		337.5	355.0						
		No sulphides. 351.5 ft., shear showing brecciation.	2.1		355.0	362.5						
		355.0 - 356.4 ft: quartz sericite schist - bleached. 10% quartz, 5% sericite.	3.0		362.5	372.3						
		C.A. 50°										
372.3	379.8	QUARTZ-SERICITE-GRAPHITE SCHIST:										
		Highly altered from movement of lower section, fractured but fairly firm rock. 60% quartz veins with graphite and chlorite clots and bands, high chlorite @ both contacts and minor Pb-Zn @ lower end.	5.4		372.3	379.8						

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-29 PAGE 5

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Ozs/T Gold	Ozs/T Silver	Pb %	Zn %	Cu%
379.8	391.0	QUARTZ-GRAPHITE SCHIST:										
		Intensely drag folded, movement // bedding. 15% pyrite occurs as tiny clusters disseminated within quartz. 3% average Pb-Zn disseminated in quartz. spot of chalco .	5.0	576	379.8	385.0	5.2		.80	1.5	1.2	
		C.A. 60° @ 380 - 385 ft., 35° @ 387 ft., 55° @ 390 ft.										
		REMARKS:										
		F. Chow changed footage 397 ft. marker to read 391', thus applying core lost between 391 - 397.5 ft.										
391.0	419.0	QUARTZ-SERICITE-GRAPHITE SCHIST.										
		397 - 401 ft.: Highly altered, contorted, plastic flow and brecciation.	1.0	608	391.0	397.5	6.5					
			1.2		397.5	401.0						
		410 - 419 ft: Dark grey, moderately altered, numerous quartz-carbonate filled fractures. No sulphides, 40% quartz, 10% sericite.	11.0		401.0	413.0						
			6.0		413.0	419.0						
		C.A. 50° @ 397.5 ft., 40° @ 401 ft., 55° @ 407 ft., 45° @ 412 ft., 65° @ 419 ft.										
419.0	424.0	QUARTZ-GRAPHITE SCHIST - SHEAR ZONE:										
		Rock partly granulated. 10% pyrite, 5% buff carbonate, a few specks of Pb-Zn.	3.0		419.0	424.0						

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-29 PAGE 6

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Ozs/T Gold	Ozs/T Silver	Pb %	Zn %	Cu%
424.0	433.2	QUARTZ-SERICITE-GRAPHITE SCHIST:										
		Black, slightly fissile, minute fractures, local drag-folds, slight shear movement @ 332.5 ft. 30% quartz, 5% sericite, negligible pyrite. C.A. 70° @ 425 ft., 30° @ 430 ft., 70° @ 433 ft.	8.0		424.0	433.2						
433.2	448.5	QUARTZ-GRAPHITE SCHIST:										
		Intense movement // bedding producing tight drag-folds but minor fracturing. Average 40% quartz, 15% pyrite.	3.9	577	433.2	437.1	3.9		1.00	3.4	8.1	
		433.2 - 437.1 ft: Bedding contorted, high sphalerite mineralization. 20% pyrite, massive sulphides between 435.3 - 436 ft. Average 12% Pb-Zn.	7.4	578	437.1	444.5	7.4		.42	.5	.7	
		437.1 - 446.0 ft: Tight drag-folds, 10% pyrite, 0.5% Pb-Zn.	3.8		444.5	448.5						
		446.0 - 448.5 ft: Massive pyrite, minor chalco, no Pb-Zn.										
		C.A. 65° Average.										
448.5	463.0	QUARTZ-SERICITE-GRAPHITE SCHIST:										
		Intense movement showing numerous quartz-filled fractures, irregular but generally crossing bedding @ 70°. Possible shear @ 463 ft. @ 35° to core. 30% quartz, 10% sericite, negligible pyrite.	13.0		448.5	463.0						
		C.A. bedding undulating between 70° - 45°										

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-29 PAGE 7

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Ozs/T Gold	Ozs/T Silver	Pb %	Zn %	Cu%
463.0	466.0	QUARTZ-GRAPHITE-SERICITE SCHIST: Soft & fissile, light gray color, 35% sulphides @ 463.5 - 463.8 ft.: 20% pyrite, 5% Pb-Zn. C.A. 80°	2.5		463.0	466.0						
466.0	476.0	QUARTZ-GRAPHITE SCHIST: Short sections of massive sulphides in 20% sulphide-quartz-graphitic schist. Local drag-folds. Average 30% pyrite, 8% Pb-Zn. Poor recovery, core broken. C.A. 70°	2.0	579	466.0	476.0	10.0		2.06	3.7	5.1	
476.0	492.0	QUARTZ-SERICITE-GRAPHITE SCHIST: Black, unaltered, slightly fissile, no sulphides. 30% quartz, 5% sericite. C.A. 80°	16.0		476.0	492.0						
492.0	505.5	QUARTZ-SERICITE-GRAPHITE SCHIST: Gray-black, low alteration, slightly fractured, slightly undulating bedding. Negligible pyrite, 25% quartz, 15% sericite. C.A. 80° Average	13.5		492.0	505.5						

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-29 PAGE 8

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Ozs/T Gold	Ozs/T Silver	Pb %	Zn %	Cu%
505.5	616.0	QUARTZ-GRAPHITE-SERICITE SCHIST:										
		Dark gray, no alteration. 35% quartz, 25% graphite, negligible pyrite. Moderate to highly fissile. C.A. 75° @ 506 - 534 ft., 65° @ 535 - 550 ft., average 70° @ 550 - 568 ft., 65° @ 569 - 616 ft. REMARKS: 584 - 587 ft. NO CORE.	11.0		505.5	519.5						
			3.5		519.5	528.0						
			73.0		528.0	616.0						
616.0	623.0	QUARTZ-GRAPHITE SCHIST:										
		Black. Silicified to hard, compact rock, no banding, bedding faintly visible, moderately fractured - irregular. 40% quartz, negligible pyrite. C.A. 80°	6.6		616.0	623.0						
	623.0	END OF HOLE										

DIAMOND DRILL RECORD

LOGGED BY FRED CHOW

OCT 11 1966

PROPERTY Swim Lakes "A" Group

D.D.H. No. A-27 PAGE 1

LATITUDE 14,709.16 N BEARING OF HOLE S 27° 15' W STARTED August 13, 1966

DEPARTURE 58,450.43 E DIP OF HOLE -59° 50' COMPLETED Sept. 10/66

ELEVATION Collar 3,545.15 DIP TESTS @ 200 ' True angle = 66° 30' DEPTH 414 ft.
@ 400' True angle = 66° 45'

CLAIM No.

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

Hole Size: NX to 31 ft.. BX to 94 ft., BXWL to 414 ft.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Lead %	Zinc %	Cu %
0	54.0	OVERBURDEN:										
		Chips of Quartz-sericite schist	0.3		0	54.0						
54.0	83.0	QUARTZ-SERICITE SCHIST:										
		Light gray color. 10% quartz. no sulphides. Quartz veinlets	8.0		54.0	83.0						
		@ 55 ft., 62 ft., and 77 ft. Bleached and slight rust @ 54 ft., 58 - 65 ft., and 73 - 78 ft.										
		C.A. Average 75°.										
83.0	136.5	QUARTZ-SERICITE SCHIST:										
			1.1		83.0	90.0						
		Totally bleached to buff color. 20 - 25% quartz, 1 - 2% pyrite -	0.8		90.0	94.0						
		in streaks, no Pb-Zn-Cu. Moderate to intense rock movement // bedding,	16.0		94.0	115.0						
		moderate drag-folding, parts brecciated, much fracturing - pyrite filled.	0.8		115.0	117.5						
		90 - 94 ft: Quartz with massive medium brown mineral (?)	16.5		117.5	136.5						
		C.A. 65° @ 88 ft., 55° @ 94.5 ft., 70° @ 96 ft., 65° @ 113 ft., 60° @ 124 ft., 55° @ 135 ft.										
136.5	296.5	QUARTZ-GRAPHITE-SERICITE SCHIST:										
		Medium gray; fissile between 138 - 165 ft., undulating bedding -	2.7		136.5	153.0						
		parts crenulated. Negligible movement and alteration, from 165 ft. to 176(?) 10% fine irregular pyrite.	1.7		153.0	158.0						
		20% Quartz, 20 - 30 % graphite, 60 - 50 sericite. 0.4 - 0.6 ft. quartz veinlets between 268 - 283 ft.	?		158.0	228.0						
			?		228.0	296.5						
		C.A. 35° from 148 - 161 ft., 70° @ 166 ft., 80° @ 168 ft., 70° @ 174 ft., 60° @ 175 - 200 ft., 70° @ 205 ft., 70° @ 218 ft., 70° @ 227 - 267 ft. 80° @ 272 - 294 ft.										

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-27 PAGE 2

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Ozs/T Gold	Ozs/T Silver	Pb- %	Zn-%	Cu%
296.5	314.0	QUARTZ-GRAPHITE SCHIST:										
		Black, firm, slight alteration between 296.5 - 302 ft., and 306 - 307 ft., where shearing is indicated. 20% quartz, no sulphides. C.A. 55° - 60°.	15.0		296.5	314.0						
314.0	323.5	QUARTZ-SERICITE-GRAPHITE SCHIST:										
		Black, 20% quartz, 5% sericite, firm, no alteration, no sulphides. C.A. 75°	9.5		314.0	323.5						
323.5	414.0	QUARTZ-SERICITE-GRAPHITE SCHIST:										
		Gray-black, siliceous, hard, minor fracturing with rust along fractures and bedding. 332 - 337 ft., short quartzy sections showing minor brecciation. No sulphides. 40% quartz, 5% sericite. C.A. 60 - 65° @ 324 - 386 ft. 65 - 70° @ 386 - 414 ft.	36.0		323.5	368.0						
			42.0		368.0	414.0						
	414.0	END OF HOLE.										
		REMARKS:										
		Cemented hole between 110 - 211 ft., drilled out cement from 140 - 211 ft.										

DIAMOND DRILL RECORD

LOGGED BY FRED CHOW

PROPERTY SWIM LAKES "A" GROUP

D.D.H. No. A-25 PAGE 1

LATITUDE 14,183.82 BEARING OF HOLE — STARTED July 30/66

DEPARTURE 60,170.27 DIP OF HOLE -90 COMPLETED to 368 on Aug. 4/66 stopped hole Aug. 10/66

ELEVATION 3,575.79 DIP TESTS — DEPTH 368 ft.

CLAIM No. Swim 23

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Lead %	Zinc %	Copper
0	26	OVERBURDEN:										
26.0	76.0	QUARTZ-SERICITE-GRAPHITE-SCHIST:										
		Core broken - moderately fissile, minor oxidation. 40% quartz, 5% sericite, no sulphides. Local drag-folding. C.A. 70° @ 28 ft., 60° @ 68 ft.	20.0		26.0	76.0						
76.0	91.0	QUARTZ-GRAPHITE SCHIST:										
		Core broken - Black color, more fissile than above, local drag-folding, 40% quartz, no sulphides. C.A. 75° @ 86 ft.	11.0		76.0	91.0						
91.0	117.0	QUARTZ-GRAPHITE SCHIST:										
		91 - 96 ft. lost core. 96 - 117 ft. broken core, poor recovery. Many quartz veinlets, minor carbonates. Possible shear @ 111 - 117 ft., bedding distorted; 10% leached.	0.0		91.0	96.0						
			2.3		96.0	117.0						
117.0	198.0	MASSIVE SULPHIDES:										
		99% of sericite replaced, fine grained pyrite with minor pyrrhotite occupies 60 - 85% of rock - in bands or massive, the remainder is quartz with negligible amounts of carbonates. No factor is seen for	5.5	458	117.0	126.5	9.5		.76	Tr.	.1	
			8.5	459	126.5	135.0	8.5		.40	Tr.	.1	

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

D.D.H. No. A-25 PAGE 2

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Lead %	Zinc %	Copper
		the control or localization of Pb-Zn mineralization. The Pb-Zn occurs as	10.0	460	135.0	145.0	10.0		.56	Tr.	.5	
		fine disseminations along bands. Low magnetite content, where appreciable	10.0	461	145.0	155.0	10.0		.16	Tr.	.5	
		amount occurs generally disseminated, often in blebby streaks, average 2%,	10.7	462	155.0	166.7	11.7		.30	Tr.	1.1	
		negligible chalcopyrite. Brecciated @ 117 - 119 ft., minor oxidization	5.0	463	166.7	171.7	5.0		1.24	3.9	3.1	
		from 117 - 124 ft.	4.3	464	171.7	176.0	4.3		.92	1.8	1.3	
		141 - 152 ft: Drag folding.	3.2	465	176.0	179.2	3.2		2.82	2.7	2.1	
		117 - 166.7 ft: Average No Pb-Zn	5.0	466	179.2	184.2	5.0	0.005	1.80	3.0	4.2	0.34
		166.7 - 179.2 ft: 2% Pb-Zn, 4% magnetite	3.8	467	184.2	188.0	3.8		1.80	4.3	5.4	
		179.2 - 198 ft: 3% Pb-Zn	4.0	468	188.0	193.8	5.8		.72	.6	.1	
		188 - 193.5 ft: Slightly coarser grain pyrite occuring in zone of recrystallization (?). 5% leached. some angular quartz breccia.	4.2	469	193.8	198.0	4.2		1.32	3.0	1.4	
		C.A. 40° @ 127 ft.										
198.0	210.7	QUARTZ-SERICITE SCHIST:										
		50% bleached. 10% quartz, 10 - 15% pyrite - peppered in bands.	4.7	470	198.0	203.0	5.0		.66	1.3	Tr.	
		Narrow bands - streaks and up to 0.01 ft. wide. Widely separated	4.7	471	203.0	208.0	5.0		.16	Tr.	Tr.	
		streaks of Pb-Zn, average 1 - 2%. Negligible magnetite, no chalco-	2.6	472	208.0	210.7	2.7		.80	3.2	2.5	
		pyrite. C.A. 75° @ 210 ft.										
210.7	219.9	QUARTZ-CHLORITE-SERICITE SCHIST:										
		30% bleached. 10% quartz, 7% pyrite - peppered in narrow bands	4.8	473	210.7	215.7	5.0		.28	.3	1.2	
		and streaks, 2% Pb-Zn - occurs as pyrite, 5% chlorite - in blebs	4.0	474	215.7	219.9	4.2		.20	.4	1.5	
		along bands, no chalco.										
		C.A. 75° @ 218 ft.										

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

D.D.H. No. A-25 PAGE 3

CLAIM No. _____

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Lead %	ASSAY Zinc %	ASSAY Copper
219.9	246.0	QUARTZ-CHLORITE - SERICITE SCHIST:										
		Not bleached, mild alteration, 20% quartz, 10% chlorite - occurs	13.0		219.9	233.0						
		in blotches. 219.9 - 229.0 ft: 3% magnetite - disseminated and	3.6	475	233.0	236.8	3.8		1.02	2.6	1.6	
		in blebs, 2% pyrrhotite blebs and 0.5% pyrite: 229 - 246 ft: 1%	10.6		236.8	246.0						
		pyrrhotite and 0.25% pyrite. 219.9 - 233 ft. (0.1% Pb-Zn),										
		233 - 237 ft. (1% Pb-Zn)- occurs mainly between 235.6 - 236.5 ft.										
		Probable shearing at 223 - 234 ft. Moderate fracturing, much chlorite										
		and some pyrrhotite mineralized after fracturing.										
		C.A. 80° @ 235 ft.										
246.0	257.0	QUARTZ-CHLORITE-SERICITE-GRAPHITE SCHIST:										
		Mild alteration, gray color, moderately fissile. 15% quartz, 10%	9.5		246.0	257.0						
		chlorite - in blebs and tiny lenses, 35% sericite, negligible										
		sulphides, spot of Pb-Zn @ 247 - 247.5 ft., 1 - 2% magnetite.										
		C.A. 70° @ 254 ft.										
257.0	262.0	QUARTZ-CHLORITE-GRAPHITE-SERICITE SCHIST:										
		Grayish-black color. Moderate alteration. Quartz veinlet @	5.0		257.0	262.0						
		258.3 - 259.2 ft. 25% quartz, 5% chlorite - in bands, 15%										
		graphite - in bands and streaks, no sulphides.										
262.0	269.5	QUARTZ-GRAPHITE-SERICITE SCHIST:										
		Similar to 257 - 262 ft. except no chlorite and less quartz (15%).										
		Local drag folds.	7.0		262.0	269.5						
		C.A. 65° @ 265 ft., 75° @ 269 ft.										

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-25 PAGE 4

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Lead %	ASSAY Zinc %	ASSAY Copper
269.5	282.0	QUARTZ-SERICITE SCHIST:										
		Totally bleached to buff color; 5% leached, slightly talcy. 5 - 10% quartz, 0.3% magnetite - in streaks // to bedding, 2% pyrite - in narrow bands, 0.2% Pb-Zn - in blebs and streaks. Av. C.A. 75°	11.0		269.5	282.0						
282.0	298.2	QUARTZ-SERICITE-GRAPHITE SCHIST:										
		Grayish-black, moderate alteration, slight rock movement // to bedding with local drag-folds. 20% quartz, 5% pyrite - in scattered blebs along quartz bands, no Pb-Zn. Av. C.A. 75°	13.0		282.0	298.2						
298.2	299.7	QUARTZ-SULPHIDE:										
		70% pyrite - fine-grain, massive, 8% Pb-Zn disseminated in irregular bands.	1.5	476	298.2	299.7	1.5		2.96	5.6	7.6	
299.7	305.8	QUARTZ-SERICITE SCHIST:										
		Totally bleached to buff color. 2% leached, moderate rock movement with local drag-folds. 15% quartz, 2% pyrite. 299.7 - 302 ft: intense shearing 302 - 303.2 ft: barren quartz C.A. 85°	6.0		299.7	305.8						

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-25 PAGE 5

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

CLAIM No. _____

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Ozs/T Gold	Ozs/T Silver	Lead %	Zinc %	Copper
305.8	314.0	QUARTZ-SERICITE-GRAPHITE SCHIST:										
		Slight alteration, slight rock movement @ 308 - 310 ft. Av. C.A. 80°	4.5		305.8	314.0						
314.0	318.0	QUARTZ-SERICITE SCHIST:										
		Totally bleached to buff color, 2% pyrite, crumbly.	2.0		314.0	318.0						
318.0	322.7	MASSIVE SULPHIDE AND BRECCIA:										
		318 - 320 ft: Massive pyrite with pyrrhotite, fractured, slight brecciation.	3.5	477	318.0	322.7	4.7		.52	.4	1.1	
		320 - 322.7 ft: Minute size to 0.1 ft. angular pyrite with pyrrhotite fragments in quartz-carbonate matrix. Negligible Pb-Zn mineralization.										
322.7	327.6	MASSIVE SULPHIDES:										
		90% fine-grain, pyrite-massive. 1% Pb-Zn - occurs in streaks, negligible magnetite. Lineation @ 65°	4.9	478	322.7	327.6	4.9		.64	2.2	2.6	
327.6	329.6	QUARTZ-SERICITE SCHIST:										
		Totally bleached, negligible sulphides.	2.0	479	327.6	329.6	2.0		.80	.4	1.1	

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-25 PAGE 6

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Lead %	Zinc %	Copper
329.6	335.0	MASSIVE SULPHIDES:										
		85% pyrite - fine-grain, massive, 1% magnetite - in blotches, blebs,	5.4	480	329.6	335.0	5.4		.84	2.8	3.2	
		and streaks. 330.5 - 331.3 and 332 - 333 ft. Quartz-sericite schist.										
		The former with minor pyrite and the latter with 40% pyrite and 8%										
		Pb-Zn. No chalco.										
		Lineation 75° @ 330 ft., 50° @ 335 ft.										
335.0	351.1	MASSIVE SULPHIDES:										
		90% pyrite - fine-grain massive, 3 - 4% magnetite - in streaks. 0.2%	10.0	481	335.0	345.0	10.0		.36	.2	.7	
		Pb-Zn - scattered blebs along streaks, spot of chalco.	6.1	482	345.0	351.1	6.1		.56	.3	Tr.	
		Lineation 55° @ 338 ft., 75° @ 348 ft.										
351.1	357.1	MASSIVE SULPHIDES:										
		351.1 - 354.5 ft: 50% pyrite and 40% pyrrhotite, negligible Pb-Zn,	6.0	483	351.1	357.1	6.0		.40	.6	.7	
		0.2% Cu.										
		354.5 - 357.1 ft: 70% pyrite, 10% pyrfhotite, negligible Pb-Zn.										
		Contorted bands 55° - 75°, minor leaching.										
357.1	366.0	QUARTZ-SERICITE SCHIST:										
		Sericite totally replaced - 50% pyrite - occuring in irregular bands,	3.9	484	357.1	361.0	3.9		.52	.4	.1	
		3% magnetite - in undulating thin bands, some showing drag fractures	5.0	485	361.0	366.0	5.0		.48	.5	.1	
		// to bedding. 0.1% Pb-Zn, spot of chalco.										
		C.A. 65° @ 362 ft.										

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-25 PAGE 7

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Ozs/T Gold	Ozs/T Silver	Lead %	Zinc %	Copper
366.0	368.0	QUARTZ-SERICITE SCHIST:										
		366.0 - 367.1 ft: 3% sericite not replaced, 15% quartz, fractured with numerous chalco veinlets as filling, 20% pyrite - irregular bands, 0.1% Pb-Zn. Negligible pyrrhotite, 0.3% Cu.	2.0		366.0	368.0						
		367.1 - 368.0 ft: Sericite totally replaced, silicified, 65% pyrite, no Pb-Zn. Negligible pyrrhotite, 0.1% Cu.										
	368.0	END OF HOLE:										
		Remarks:										
		Hole abandoned at this depth due to BXWL rods being stuck at footage 368 feet. Managed to pull 10 feet out. When unable to jar loose with 500# hammer tried reaming hole out with BX casing over BXWL rods but got stuck between 141 - 143 ft. and casing broke off 14 ft. from Collar (fished for casing - successful) (Waiting for new cutter or blasting powder in final attempt to save as much of the rods and casing as possible - meantime continuing jarring with hammer.)										

AUG 29 1966

DIAMOND DRILL RECORD

LOGGED BY FRED CHOW

PROPERTY SWIM LAKES "A" GROUP

D.D.H. No. A-24 PAGE 1

LATITUDE 14,605.21 BEARING OF HOLE S 30° 17' W STARTED August 2, 1966

DEPARTURE 58,621.04 DIP OF HOLE -58° 20' COMPLETED August 10, 1966

@ 200 ft. = 60°

ELEVATION 3,578.89 DIP TESTS ----- -- DEPTH 447 ft.

CLAIM No. Swim 10

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

HOLE SIZE: NX to 19 ft., BX to 36 ft., BXWL to 447 ft. Core size: BXAWL to 447 ft.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION		SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY
0	23.0	OVERBURDEN:						
23.0	33.0	QUARTZ-CHLORITE-GRAPHITE-SERICITE SCHIST:						
		Highly altered, 15% oxidized, moderate rock movement, local drag folds, no sulphides. C.A. 60° @ 27 ft.	4.0		23.0	33.0		
33.0	55.0	QUARTZ-SERICITE-CHLORITE-GRAPHITE SCHIST:						
		Moderate alteration, greenish gray to black color, local drag-folds. No sulphides. 42 - 44 ft: Quartz vein, with graphite schist mixed. 52 - 52.3 ft: Quartz vein. C.A. 60° @ 45 ft., 65° @ 50 ft.	15.0		33.0	55.0		
55.0	63.7	QUARTZ VEIN:						
		Milky quartz with two short sections of graphite schist, 5% chlorite-in blotches, no sulphides. Upper contact @ 25°.	3.7		55.0	63.7		

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

D.D.H. No. A-24 PAGE 2

CLAIM No. _____

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Lead %	ASSAY Zinc %	ASSAY Copper
63.7	83.5	MASSIVE PYRITE:										
		90% pyrite - fine grained, massive, 3% magnetite - in widely separated	9.0	486	63.7	73.7	10.0		.64	.4	Tr.	
		bands and blotches (mainly between 63.7 - 70 ft.) negligible Pb-Zn.	9.5	487	73.7	83.5	9.8		.64	.7	Tr.	
		C.A. 65° @ 65 ft., 40° @ 82 ft.										
83.5	102.0	MASSIVE SULPHIDES:										
		70% pyrite and 2% pyrrhotite in siliceous matrix showing faint banding	6.5	488	83.5	90.0	6.5		.44	.2	.5	
		with quartz bands which contain 1 - 20% graphite (overall graphite =	6.0	489	90.0	96.0	6.0		.84	2.4	1.9	
		0.25%). These quartz-graphitic bands are broken from a thread width	5.8	490	96.0	102.0	6.0		.64	1.2	1.1	
		to 0.01 apart and offset a minute amount to 0.03 ft. These pieces										
		are in turn fragmented. These bands are from 40° to core @ 84 ft. to										
		30° @ 106 ft., and the offsets @ 80° to the bands. The broken sections										
		often filled with pyrrhotite or chalcopyrite. Pb-Zn mineralization										
		occurs along the quartz-graphite bands and also finely disseminated										
		within the siliceous pyrite bands. Pb-Zn content increases from Nil										
		@ 83 ft., to 0.5 @ 90 ft. to 1 - 2% at 10^2 ft.										
102.0	117.8	QUARTZ-SERICITE SCHIST:										
		Sericite 98% replaced. 45% pyrite, 5% pyrrhotite, 15% magnetite and	5.8	491	102.0	107.8	5.8		0.96	2.3	2.5	
		6% Pb-Zn occuring in slightly undulating bands. Average 0.2% Cu - in	5.0	492	107.8	112.8	5.0					
		widely scattered veinlets and blebs.	5.0	493	112.8	117.8	5.0		1.36	2.6	1.4	
		C.A. 45° @ 110 ft., 25° @ 117 ft.							1.08	2.1	2.9	

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-24 PAGE 3

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Lead %	ASSAY Zinc %	ASSAY Copper
117.8	127.0	QUARTZ-SERICITE SCHIST:										
		Sericite totally replaced. 30% pyrrhotite and 15% pyrite - occurs in	5.0	494	117.8	122.8	5.0		0.58	0.6	2.2	
		irregular bands; 2% magnetite and 3% Pb-Zn - occurs in scattered	4.2	495	122.8	127.0	4.2					
		disseminations within the sulphide bands. 0.2% Cu occurs as blebs and							0.56	1.3	2.1	
		veinlets. Quartz shows moderate fractures and slight brecciation.										
		Post-mineralization of pyrrhotite and chalcopyrite occurs within the										
		above fractures and between the brecciated quartz.										
		C.A. 30° @ 126 ft.										
127.0	142.0	QUARTZ-SERICITE SCHIST:										
			5.0	496	127.0	132.0	5.0		0.36	0.6	2.5	
		Moderately bleached, not folded, moderately fractured. Siliceous @	2.8	497	132.0	137.0	5.0		0.32	1.2	2.7	
		138 - 142 ft., 25% quartz, 15% pyrite-pyrrhotite, 5% Pb-Zn - banded,	2.6	498	137.0	142.0	5.0		0.60	1.2	2.6	
		irregular and broken; 0.15% Cu.	SLUDGE	525	125.0	130.0	5.0		0.68	1.4	2.6	
		C.A. 25° - 30° from 127 ft. to 134 ft., 45° @ 136 ft., 60° @ 140 ft.	"	No Sample	130.0	132.0	2.0					
			"	526	132.0	142.0	10.0		0.68	0.7	2.1	
142.0	196.7	MASSIVE SULPHIDES:										
			2.8	499	142.0	147.5	5.5		0.64	1.1	1.4	
		Sericite totally replaced, banding faintly visible. Sulphides and	3.3	500	147.5	151.7	4.2		0.64	0.6	0.1	
		magnetite content in varying amounts, silica occupies remainder of	4.5	509	151.7	156.6	4.9		1.28	2.3	2.4	
		rock.	5.9	510	156.6	162.6	6.0		1.20	2.6	2.5	
		142.0 - 147.5 ft: 60% pyrite with pyrrhotite, 0.3% Cu, 8% Pb-Zn	5.7	511	162.6	168.6	6.0		1.96	3.3	5.4	
		147.5 - 151.7 ft: 65% pyrite, 0.03% Cu, 2% Pb-Zn	4.6	512	168.6	173.6	5.0	0.005	2.16	4.9	6.3	0.16
		151.7 - 162.6 ft: 75% pyrite, 10% magnetite, 0.02% Cu, 4-5% Pb-Zn	4.8	513	173.6	178.6	5.0		2.03	5.6	3.9	
		162.6 - 173.3 ft: 50% pyrite, 5% magnetite, 0.01% Cu, 10% Pb-Zn	3.8	514	178.6	182.4	3.8		1.46	2.5	2.3	
		173.3 - 175.4 ft: 65% pyrite, 6% magnetite, 0.02% Cu, 5% Pb-Zn	5.0	515	182.4	187.4	5.0		2.26	4.0	6.1	
		175.4 - 178.3 ft: 40% pyrite, 40% magnetite, 0.01% Cu, 9% Pb-Zn	4.9	516	187.4	192.4	5.0		2.08	3.3	5.5	
				517								
				518								

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-24 PAGE 4

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Lead %	ASSAY Zinc %	ASSAY Copper
		178.3 - 182.4 ft: 80% pyrite, 10% magnetite, 0.02% Cu, 4% Pb-Zn	4.1	517	192.4	196.7	4.3		2.88	4.9	8.3	
		182.4 - 196.7 ft: 40% pyrite, 3-4% magnetite, 0.05% Cu, 10% Pb-Zn	SLUDGE	527	142.0	150.0	8.0		0.80	2.4	1.0	
			"	528	150.0	155.0	5.0		0.80	1.5	1.4	
		C.A. 70° @ 152 ft., 65° @ 157 ft., 55° @ 174 ft., 45° @ 179 - 196 ft."	"	529	155.0	160.0	5.0		1.32	3.2	2.2	
			"	530	160.0	173.0	13.0		1.64	3.1	4.5	
196.7	200.5	QUARTZ-GRAPHITE SCHIST:										
		Bedding distorted by movement 25° - 30° to core. Upper contact @ 40°. 10% graphite - broken bands, 25% pyrite,-blotchy, 8% Pb-Zn also blotchy.	3.5	518	196.7	200.5	3.8		1.24	3.5	5.5	
200.5	203.0	QUARTZ-SERICITE-GRAPHITE SCHIST:										
		Intense rock movement, contorted. 5% sericite, 15% graphite, 5% pyrite, speck chalco, no Pb-Zn. C.A. 70°	1.8		200.5	203.0						
203.0	211.0	QUARTZ-GRAPHITE-SERICITE SCHIST:										
		Intense rock movement, bedding contorted, generally "mixed-up".	8.0		203.0	211.0						
		209 - 211 ft: quartz vein with minor schist mixed.										
211.0	264.0	QUARTZ-GRAPHITE SCHIST:										
			3.3		211.0	214.3						
		Intense rock movement, local drag-folds. Negligible sulphides, no Pb-Zn	4.0		214.3	224.0						
		213 - 214 ft: Quartz with 30% pyrite at tower contact (55°)	8.0		224.0	240.0						

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

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CLAIM No. _____

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DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Ozs/T Gold	Ozs/T Silver	Lead %	Zinc %	Copper
		214.0 - 218.0 ft: Mainly graphite, soft and fissile, crumbly	7.0		240.0	260.0						
		218.0 - 220.0 ft: Intense shearing, highly fissile.	3.3		260.0	264.0						
		220.0 - 230.0 ft: Rock fractured.										
		230.0 - 264.0 ft: Highly fissile, a few quartz veinlets, medium alteration, low quartz.										
		C.A. 70° @ 213 ft., 30° from 232 - 264 ft.										
264.0	275.0	QUARTZ-SERICITE SCHIST:										
		Highly altered, sheared and re-cemented though crumbly, kaolinized and talcy. 10% carbonate mixed with quartz (10%), average 5% pyrite - in bands and blobs, 0.3% Pb-Zn - scattered streaks and blebs.	5.0		264.0	274.0						
		C.A. 40° decreasing to 20°										
275.0	292.0	QUARTZ-SERICITE SCHIST:										
			3.3	519	274.0	278.6	4.6		0.50	1.3	2.1	
		Bleached, altered less than 264 - 275 ft. Rocks highly fractured and slightly leached with short quartz sections mineralized with minor pyrite and Pb-Zn, the latter post-mineralization. Also a few narrow (0.01 - 0.05 ft.) bands of pyrite with minor Pb-Zn.	10.5		278.6	292.0						
		C.A. 55° @ 276 ft., 70° @ 288 ft.										
292.0	319.0	QUARTZ-GRAPHITE-SERICITE SCHIST:										
		As above with 5% graphite, though talcy and fissile. Core broken.	9.0		292.0	319.0						

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-24 PAGE 6

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Lead %	Zinc %	Copper
319.0	333.0	QUARTZ-SERICITE-SCHIST:										
		Slightly bleached, otherwise unaltered. Gray-buff color. 15% quartz, no other mineralization. Rock firm. C.A. 75° @ 325 ft., 65° @ 333 ft.	12.5		319.0	333.0						
333.0	404.5	QUARTZ-GRAPHITE-SERICITE SCHIST:										
		Tan-gray color, slightly bleached, slightly altered. Rock soft but firm, slightly fissile, uniform texture. Bedding undulating and slightly grenulatedat sections. 10% quartz, 15% graphite - thinly bedded, occasional higher concentration in bands. No sulphides.	49.0		333.0	404.5						
		353 ft: Small slip 25° to core, offset 0.05 ft. 369 - 375 ft: A few quartz stringers, 388 - 389 ft: Quartz veinlet. C.A. 80° @ 339.5 ft., 66° @ 341 ft., 70° @ 360 ft., 85° @ 366 ft., 75° @ 388 ft., 60° @ 396 ft., 75° @ 404 ft.										
404.5	436.0	QUARTZ-SERICITE SCHIST:										
		404.5 - 427.5 ft: Totally bleached to buff color, slightly fissile. 20% quartz, 0.1% pyrite, no other sulphides. Slip @ 425 ft., with 0.02 ft. offset.	19.0		404.5	436.0						
		427.5 - 436 ft: 5% oxidized along bedding and fractures, more oxidized (50%) between 431.5 - 433 ft., 1% pyrite.										
		428 - 429 ft. and 431.3 - 431.5 ft: 15% pyrite with spot of Pb-Zn. C.A. 80°										

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-24 PAGE 7

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Ozs/T Gold	Ozs/T Silver	Lead %	Zinc %	Copper
436.0	447.0	QUARTZ-GRAPHITE SCHIST:										
		Gray black color, fissile. 15% quartz, no sulphides. C.A. 70° - 75°	6.5		436.0	447.0						
	447.0	END OF HOLE:										
		Remarks:										
		Lost water @ 230 ft. to 240 ft., got 25% water return after putting mud into hole. Caving @ footage 120 ft., took 7 hours to lower rods after changing bit. Dip test not taken @ 400 ft., because unable to lower rods past footage 120 ft., after rods were pulled to get core barrel when wire line broke off. Stopped hole.										

DIAMOND DRILL RECORD

LOGGED BY FRED CHOW

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

D.D.H. No. A-23 PAGE 1

LATITUDE 14,471.80 N BEARING OF HOLE S 32° 12' W STARTED August 1, 1966

DEPARTURE 59,642.17 E DIP OF HOLE -59° 00' COMPLETED August 10, 1966

ELEVATION 3,579.97 DIP TESTS ----- DEPTH 189.5 ft.

CLAIM No. Swim 25

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

* Bottom 200' (See Remarks)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Ozs/T Gold	Ozs/T Silver	Lead %	Zinc %	Copper
0	16.0	OVERBURDEN:										
16.0	71.0	QUARTZ-SERICITE-GRAPHITE SCHIST:										
		30% quartz, 25% sericite, no sulphides. 59 - 62 ft. numerous quartz	2.0		16.0	39.0						
		veinlets. Local drag-folds, 5% oxidation.	14.0		39.0	71.0						
		C.A. 40° from 39 - 59 ft.										
71.0	94.0	QUARTZ-GRAPHITE-SERICITE SCHIST:										
		Gray color, 10% oxidation, minor leaching. Possible shear @ 73 - 74 ft.	15.0		71.0	94.0						
		No sulphides. 25% graphite, 25% quartz.										
		C.A. 65° @ 82 ft.										
94.0	104.0	LOST CORE	L.C.		94.0	104.0						
104.0	119.0	QUARTZ-GRAPHITE-SERICITE SCHIST:										
		Bleached, buff color, moderate alteration. 25% oxidation along	9.0		104.0	119.0						
		bedding. No sulphides.										
		C.A. 60°										

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

D.D.H. No. A-23 PAGE 2

CLAIM No. _____

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DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Ozs/T Gold	Ozs/T Silver	Lead %	Zinc %	Copper
119.0	129.5	QUARTZ-SERICITE-GRAPHITE SCHIST:										
		Medium gray color. Mild to moderate alteration. 5% oxidation along bedding. No Sulphides. C.A. 50° @ 125 ft.	4.0		119.0	129.5						
		SLUDGE #		501	125.0	135.0	10.0		.70	5.2	2.3	
129.5	139.0	QUARTZ-GRAPHITE-SERICITE SCHIST:										
		Grayish-buff color. Moderate alteration, semi-bleached. 10% oxidation along bedding and fractures.	1.0		129.5	139.0						
139.0	142.0	LOST CORE	L.C.		139.0	142.0						
142.0	154.0	QUARTZ-GRAPHITE-SERICITE SCHIST:										
		RECOVERY: A few pieces of broken core. Rock similar to 129.5 - 139 ft.	0.2		142.0	154.0						
		SLUDGE: 135 - 155 ft. Show massive pyrite. SLUDGE #		502	135.0	155.0	20.0		1.76	4.6	6.0	
154.0	156.0	LOST CORE	L.C.		154.0	156.0						

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-23 PAGE 3

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

* Too small to run for Silver

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Lead %	ASSAY Zinc %	ASSAY Copper
156.0	164.0	MASSIVE SULPHIDES & QUARTZ-GRAPHITE SCHIST:										
		RECOVERY: 0.1 ft. of pebbles plus 0.14 ft. of solid core.										
		0.10 ft. of Pebbles: = (A) Massive sulphides: 60% pyrite, 15% mag., 0.2% Cu, 10% Pb-Zn.	0.10	520	156.0	(160.0)	(4) ?		*	2.4	3.1	
		(B) Graphite Schist: Barren										
		0.14 ft. of Solid Core:= Massive sulphide; 25% pyrite. 15 - 25% magnetite, 0.3% Cu, 22% Pb-Zn. 10% leached, 2% oxidation.	0.14	521	(160.0)	164.0	(4)?		10.1	34.2	10.0	
			SLUDGE #	503	155.0	160.0	5.0		1.68	5.1	4.9	
			SLUDGE #	504	160.0	165.0	5.0		1.80	4.5	5.1	
164.0	171.0	LOST CORE	L.C.		164.0	171.0						
			SLUDGE #	505	165.0	170.0	5.0		1.40	3.4	5.1	
171.0	180.0	MASSIVE SULPHIDES:										
		RECOVERY: 5 fragments of core - 0.15 ft. all show fine-grain pyrite with 10% banded streaks of magnetite. 2% Pb-Zn.	0.15	522	171.0	180.0	9.0		.96	1.2	1.3	
		C.A. 80° ?										
			SLUDGE #	506	170.0	175.0	5.0		1.16	3.8	2.4	
			SLUDGE #	507	175.0	180.0	5.0		1.56	3.7	4.2	
180.0	182.0	LOST CORE	L.C.		180.0	182.0						

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-23 PAGE 4

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

*Too small to run for Silver

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Ozs/T Gold	Ozs/T Silver	Lead %	Zinc %	Copper
182.0	189.0	MASSIVE SULPHIDE:										
		RECOVERY: 0.05 ft. of sand and pebbles of pyrite with 10 - 15% mag. Pebbles crumbly, rounded quartz particles within. Difficult to estimate grade (as in DDH #A-19, 83 - 113 ft.)	0.05	523	182.0	189.0	7.0		*	8.6	7.7	
			SLUDGE #	533	180.0	185.0	5.0		1.60	3.2	3.9	
			SLUDGE #	508	185.0	189.5	4.5		1.48	2.1	3.1	
189.0	189.5	MASSIVE SULPHIDES:										
		RECOVERY: (A) 0.05 ft. (3 pebbles): 2 pebbles of fine-grain massive pyrite with 10% streaky bands of magnetite and 2% Pb-Zn and, one pebble of quartz-sulphide containing 10% Pb-Zn, 0.5% Cu, 7% magnetite, 20% pyrite.	0.15	524	189.0	189.5	0.5		2.56	8.0	8.3	
		(B) 0.1 ft. (1 pc. of solid core) - 40% fine-grain pyrite, 30 (?) % magnetite, 20 (?) % Pb-Zn, 0.6% Cu, 2% oxidation, 5% leached.										
		C.A. 80° (?)										
		SAMPLING: (A) and (B) above combined - equal volume taken.										
	189.5	END OF HOLE										
	200	*BOTTOM OF HOLE:										
		REMARKS: Unable to core from footage 130 - 189 ft. Water return O.K. to bottom of hole. No problem of sanding 'til core	SLUDGE #	531	190.0	195.0	5.0		1.64	4.1	4.5	
			SLUDGE #	532	195.0	200.0	5.0		1.32	2.4	2.5	
		barrel broke off at footage 189 ft. BX casing reamed over BXWL rods to 180 ft. when bottom 10 ft. section of BX casing		Sludge	Samples 501 - 532 =			Au 0.005 oz.		Cu 0.27%		
		"whipped" off. (reaming shell #387 and casing shoe # 179 lost). BX casing and rods pulled out and lowered again. This time										
		* went freely to 200 ft. Lowered AX casing, encountered sand, ~~diamond bit lost in hole.~~ DD Hole @ footage 189.5 on August	then	stopped	hole.		One BXWL core tube and barrel plus one BXWL					
			6th.									

DIAMOND DRILL RECORD

LOGGED BY FRED CHOW

PROPERTY SWIM LAKES "A" GROUP

D.D.H. No. A-22 PAGE 1

LATITUDE 14,250.40 N BEARING OF HOLE — STARTED July 17/66

DEPARTURE 60,436.11 E DIP OF HOLE -90 COMPLETED July 25, 1966

ELEVATION Collar 3,532.36 DIP TESTS — DEPTH 524 ft.

CLAIM No. Swim 23

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Lead %	Zinc %	Copper
0	39.0	OVERBURDEN:										
39.0	97.0	QUARTZ-SERICITE-CHLORITE SCHIST:										
		Grayish-green color, oxidized: - 15% between 39 - 80.5 ft.. medium to dark brown rust through rock; - 2% between 80.5 - 91.5 ft., rust along bedding and fractures; 10% between 91.5 - 97 ft. Rock slightly leached. Chlorite occurs in irregular bands, often in blotches. 2% pyrite occuring in blebs and blotches. 6% pyrite from 65 - 68' with minor Pb-Zn, minor pyrrhotite. C.A. 65° @ 46 ft., 75° @ 81 ft.	24.0		39.0	97.0						
97.0	128.5	QUARTZ-SERICITE-CHLORITE SCHIST:										
		Grayish-green, medium soft, slightly fissile; shows no alteration. 5% quartz, 15% sericite, negligible pyrite; spot of Pb-Zn. C.A. 85° @ 110 ft.	29.0		97.0	128.5						
128.5	152.0	QUARTZ-SERICITE-CHLORITE SCHIST:										
		Medium green color. 15% quartz, 35% sericite. Local drag folds @ 129 ft., quartz vein @ 130 ft. Quartzy section followed by minor drag folds @ 133.5 ft. and ends @ 152 ft. C.A. 80 - 85° ~~from 137 - 170 ft.~~	21.0		128.5	152.0						

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-22 PAGE 2

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Lead %	ASSAY Zinc %	ASSAY Copper
152.0	221.0	QUARTZ-CHLORITE-SERICITE SCHIST:										
		Greenish-gray color. 15 - 20% quartz, 15 - 35% chlorite, less than 1% pyrrhotite and pyrite, negligible Pb-Zn.	61.0		152.0	221.0						
		152 - 178 ft: Slight alteration, bleached										
		164.5 - 165.2 ft: Brecciated, angular quartz - carbonate fragments.										
		187 - 189.5 ft: Milky white quartz, barren. Lower contact 30° to core.										
		196.7 - 198.0 ft: 30% pyrrhotite and pyrite with chalco.										
		C.A. 82° @ 205 ft.										
		Reduced from BXWL to AXWL Core at 182 ft.										
221.0	247.0	QUARTZ-SERICITE-CHLORITE SCHIST:										
		70% altered becoming siliceous, loses schistosity, moderately fractured, grayish-green color. 40% quartz - in veinlets and irregular clots, 15% sericite, less than 1% pyrrhotite and pyrite - in widely separated bands and blotches, spot of chalco, no Pb-Zn. (0.6% Pb-Zn between 232 - 233 ft)	25.0		221.0	247.0						
		244.2 - 245.8 ft: Bleached with 5% carbonates.										
		C.A. 60 - 80° @ 233 ft., 62° @ 244 ft.										
247.0	261.0	QUARTZ-SERICITE-CHLORITE SCHIST:										
		Unaltered, medium soft, fissile. 5 - 10% quartz, 10% sericite, negli ible pyrrhotite - pyrite.	8.5		247.0	261.0						
		C.A. 75° @ 252 ft.										

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

D.D.H. No. A-22 PAGE 3

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Ozs/T Gold	Ozs/T Silver	Lead %	Zinc %	Copper
261.0	281.0	QUARTZ-CHLORITE-SERICITE SCHIST:										
		20% alteration, slightly bleached, 60% bleached @ 262 - 263.5 ft., and slightly leached. 25% quartz, 30% chlorite, negligible pyrrhotite - pyrite.	19.0		261.0	281.0						
		C.A. 65° @ 270 ft.										
281.0	355.0	QUARTZ-CHLORITE-SERICITE SCHIST:										
		Slightly bleached in sections. 10 - 15% pyrrhotite and pyrite - occurs in near uniformly separated bands to footage 300 ft., odd speck of Pb-Zn-Cu. Minor drag folds between 301 - 322 ft. and minor leaching between 317 - 322 ft.	71.0		281.0	355.0						
		C.A. 55° @ 308 ft., 85° @ 327 ft.										
355.0	387.0	QUARTZ-CHLORITE-SERICITE SCHIST:										
		Slight alteration in short sections, minor movement between 383 - 387 ft. producing undulating bedding and minor fractures. Negligible pyrrhotite - pyrite.	32.0		355.0	387.0						
		C.A. 75 - 80°										
387.0	404.0	QUARTZ-CHLORITE-SERICITE SCHIST:										
		Unaltered, fissile, greenish-gray color - 10% quartz and 30% chlorite.	12.0		387.0	404.0						

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-22 PAGE 4

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Lead %	Zinc %	Copper
404.0	462.5	QUARTZ-CHLORITE-SERICITE SCHIST:										
		Mild alteration, slightly bleached in a few short sections, numerous	17.0		404.0	422.0						
		bedded quartz varying from 0.02 ft. wide to 2 ft. (at 408 - 410 ft.).	0.4		422.0	433.0						
		Quartz veinlets not mineralized. Higher alteration between 459 -	28.0		433.0	462.5						
		462.5 ft. and bedding irregular. No sulphides.										
		C.A. 70 - 80°										
462.5	494.5	QUARTZ-SERICITE-CHLORITE SCHIST:										
		Dark green color, medium hard, not fissile, minor alteration in parts	32.0		462.5	494.5						
		and at lower section. Local drag folding between 464 - 468.7 ft.										
		High magnetite @ 474 - 476 ft., and 482.5 ft., no sulphides.										
		C.A. 70° Av.										
494.5	507.0	QUARTZ-CHLORITE-SERICITE SCHIST:										
		Highly altered, schistose and bleached to 502 ft., chlorite altered	12.5		494.5	507.0						
		to short lenses // to bedding between 502 - 507 ft.										
		C.A. 80 - 85°										
507.0	508.0	QUARTZ-SERICITE SCHIST:										
		Similar to 502 - 507 ft. except chlorite lenses become a bright	1.0		507.0	508.0						
		green mineral - as in D.D. Hole A-16 between footages 225.0 - 275.5										

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-22 PAGE 5

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Lead%	ASSAY Zinc %	ASSAY Copper
508.0	512.5	QUARTZ-GRAPHITE SCHIST:										
		Black, highly fractured, local drag folds, schistose and fissile, brecciation @ 508 ft. 2% pyrite in scattered bands, spot of Pb-Zn-Cu @ 508.5 ft., 50 - 60% quartz. C.A. 75° @ 510.5 ft.	4.5		508.0	512.5						
512.5	514.0	QUARTZ-SERICITE SCHIST:										
		Bleached buff, minor chlorite and pyrite, much carbonates.	2.0		512.5	514.0						
514.0	524.0	QUARTZ-GRAPHITE SCHIST:										
		Black, fissile, slightly fractured. Movement with brecciation at 520 - 521 ft. Negligible sulphides, 5 - 10% quartz. C.A. 70° @ 519 ft.	3.0		514.0	524.0						
	524.0	END OF HOLE.										

DIAMOND DRILL RECORD

LOGGED BY FRED CHOW

PROPERTY SWIM LAKES "A" GROUP

D.D.H. No. A-20 PAGE 1

LATITUDE 14,467.57 BEARING OF HOLE S 30° 55' W STARTED July 14, 1966

DEPARTURE 58,774.26 DIP OF HOLE -58° 45' COMPLETED July 30, 1966

ELEVATION 3,621.38 DIP TESTS @ 200 ft True angle = 53° @ 400 ft True angle = 59° DEPTH 414 ft.

N

CLAIM No. Fusion 10

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Lead %	Zinc %	Copper
0	31	OVERBURDEN:										
31	110.2	QUARTZ-SERICITE-GRAPHITE SCHIST:										
		Gray-black color, slightly fissile. 15% quartz, 35% sericite, no sulphides. C.A. 35° @ 34 ft., 50° @ 42 ft., 60° @ 79 ft. to 104.0 ft.	26.1		31.0	110.2						
110.2	117.2	QUARTZ-CHLORITE-SERICITE SCHIST:										
		30% quartz, 15% chlorite, minor pyrite and pyrrhotite speckled throughout. Rock massive and hard, not schistose. C.A. 60° @ 117 ft.	1.3		110.2	113.0						
			4.2		113.0	117.2						
117.2	146.0	QUARTZ-SERICITE-GRAPHITE SCHIST:										
		Grayish-black, slightly fissile. Minor movement // to bedding.	17.3		117.2	146.0						
		C.A. 65° @ 132.5 ft., 40° @ 137 ft., 75° @ 144 ft.										
		Lost Water @ 145 ft., a small amount returning.										

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-20 PAGE 2

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Lead %	ASSAY Zinc %	ASSAY Copper
146.0	160.0	MASSIVE SULPHIDES:										
			1.7	414	146.0	148.0	2.0		1.32	3.1	4.6	
		90 - 95% pyrite, fine grained, hard, less than 1% magnetite, 1 - 2%	4.0	415	148.0	152.0	4.0		1.04	2.2	2.7	
		Pb-Zn - occuring in tiny bands and in blebs.	4.6	416	152.0	160.0	8.0		.84	1.5	2.4	
		C.A. 60° @ 148 ft. SLUDGE SAMPLE		420	155.0	160.0	5.0		.64	1.7	1.8	
160.0	164.0	MASSIVE SULPHIDES:										
		75% pyrite - massive, fine-grained, 10% quartz, 9 - 10% Pb-Zn - occuring in bands and in parts disseminated, negligible magnetite. C.A. 25° @ 162 ft.	4.0	417	160.0	164.0	4.0		1.48	3.8	7.5	
164.0	167.0	MASSIVE SULPHIDES:										
		90% pyrite - massive, fine-grained. 0 - 2% Pb-Zn - in widely scattered blebs, minor magnetite.	2.8	418	164.0	167.0	3.0		.84	1.5	2.2	
167.0	170.6	QUARTZ-GRAPHITE (?) SCHIST:										
		Rounded to angular fragments of fine-grained dark mineral (graphite?) occuring in undulating, broken or discontinuous bands, in a highly siliceous quartz-pyrite (45%) ground mass. 5% Pb-Zn - disseminated within groundmass, negligible chalco and magnetite. LINEATION OF DARK BANDS 30°	3.6	419	167.0	170.6	3.6		.88	2.0	3.9	

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-20 PAGE 3

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Lead %	ASSAY Zinc %	ASSAY Copper
170.6	182.0	MASSIVE SULPHIDES:										
		80% pyrite - fine-grained, massive. Banded Pb-Zn unevenly	3.3	421	170.6	173.9	3.6		.92	1.7	2.9	
		separated, negligible magnetite. Less than 1% Pb-Zn between 170.6 - 173.9 ft. and 4% Pb-Zn between 173.9 - 182 ft.	8.0	422	173.9	182.0	8.1		2.28	5.5	6.9	
		LINEATION 75° to 50°	Graphite 4.7 - 11.3		Graphite			TR				0.15
182.0	192.2	QUARTZ-GRAPHITE SCHIST:										
		Highly siliceous rock, all the graphite bands and some of the quartz	5.0	423	182.0	187.0	5.0		.88	1.2	3.3	
		have been dragged and contorted, minor carbonate mixed. Much	3.6	424	187.0	190.6	3.6		.60	1.4	2.5	
		fracturing with quartz-carbonate filling. Most of the pyrite occurs	1.6	425	190.6	192.2	1.6		.26	.1	.1	
		as small clusters in a quartz matrix - spotted appearance. 30% pyrite and 15% graphite, 2 - 3% Pb-Zn between 182 - 190.6 ft. in scattered disseminations.										
		Undulating bands @ 45° to core.										
192.2	197.0	QUARTZ-SERICITE SCHIST:										
		Bleached but shows only minor folding, 50% bedded quartz vein -	2.9		192.2	197.0						
		barren except for blotches of magnetite (20%), 5% pyrite - in bands. C.A. 60° @ 195 ft.										
		Core size reduced from BXWL to AXWL @ 196 ft.										
197.0	204.5	QUARTZ-SERICITE SCHIST:										
		Bleached, slightly talcy, local drag folds. 10% quartz, 20% pyrrho-	7.5		197.0	204.5						
		tite with pyrite - banded, irregular separations, spot of Pb-Zn-Cu.										

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-20 PAGE 4

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

CLAIM No. _____

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Lead %	ASSAY Zinc %	ASSAY Copper
204.5	212.5	QUARTZ-SERICITE-GRAPHITE SCHIST:										
		Medium grey color, local drag folds. 0.4 ft. sericite schist @ 205', 20% quartz, 30% sericite, minor scattered blebs of pyrite.	8.0		204.5	212.5						
212.5	231.5	QUARTZ-SERICITE SCHIST:										
		Bleached, slightly talcy, firm rock, local drag folds; short graphitic sections mixed. 20 - 25% quartz, 15% pyrrhotite with pyrite. C.A. 60° @ 220 ft.	18.5		212.5	231.5						
231.5	240.0	QUARTZ-CHLORITE-SERICITE SCHIST:										
		Highly altered through folding @ 232 - 235 ft., banding contorted, with high magnetite - av. 10%. 35 - 40% pyrite and pyrrhotite - irregular bands, 3% Pb-Zn in irregular bands and blobs, minor chalco (less than 1% Cu) - in fractures, veinlets and blebs.	4.6	428	231.5	236.3	4.8		.68	1.3	Tr.	
			3.7	429	236.3	240.0	3.7		.08	.1	Tr.	
240.0	256.7	QUARTZ-SERICITE SCHIST:										
		Altered, schistosity completely gone, 2% sericite remaining, highly siliceous, contorted @ 247 ft. Av. 35 - 40% pyrite and pyrrhotite - banded, 1 - 2% magnetite in irregular widely separated bands, streaks and blebs. Spot of Pb-Zn-Cu. C.A. 60° @ 240 ft.	4.0	430	240.0	244.0	4.0		26	Tr	Tr.	
			10.0	431	244.0	254.0	10.0		.16	Tr.	.4	
			2.7	432	254.0	256.7	2.7		.24	Tr.	.1	

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-20 PAGE 5

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Lead %	Zinc %	Copper
256.7	276.5	QUARTZ-CHLORITE-SERICITE SCHIST:										
		Greenish gray, altered, minor local drag folds. 10 - 15% quartz, 25% chlorite - in broken bands and lenses, minor pyrite and pyrrhotite, no Pb-Zn. 267 - 276.5 ft. more alteration and bleached. C.A. 65° @ 260 ft.	10.0		256.7	276.5						
276.5	286.0	QUARTZ-SERICITE SCHIST:										
		35% pyrite replacement in irregular bands, 10% sericite remaining, siliceous, local drag-folding. 283.6 - 286.0 ft. quartz breccia with 5% pyrite, negligible chalcopyrite. Widely separated bands and blobs of Pb-Zn, 0.2 - 3% - av. less than 1.5%	3.0	433	276.5	279.7	3.2		.52	Tr.	1.0	
			3.5	434	279.7	283.6	3.9		[illegible]	1.0	2.7	
			2.2	435	283.6	286.0	2.4		.08	Tr.	Tr.	
286.0	298.5	MASSIVE SULPHIDES:										
		90% fine grained massive pyrite, 8 - 9% magnetite - in streaks and blotches. 2 - 3% Pb-Zn between 289.3 - 295.3 ft., minor Pb-Zn in remainder. Lineation of Mag 70 - 85°	3.3	436	286.0	289.3	3.3		.80	Tr.	.4	
			6.0	437	289.3	295.3	6.0		1.12	1.2	1.7	
			3.2	438	295.3	298.5	3.2		.88	.3	1.2	
298.5	328.6	QUARTZ-SERICITE-GRAPHITE SCHIST:										
		Gray-black color, thinly bedded graphite in quartz, 5 - 10% sericite. Schistose, moderately fissile, minor movement // to bedding. 40% quartz, 2% pyrite - in streaks and blebs, no Pb-Zn. C.A. 80 - 75°	29.6		298.5	328.6						

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

D.D.H. No. A-20 PAGE 6

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Lead %	ASSAY Zinc %	ASSAY Copper
328.6	337.0	QUARTZ-SERICITE SCHIST:										
		Highly altered, banding distorted. Av. 15% pyrite and 10% pyrrhotite occuring in irregular patterns except massive pyrrhotite between 230 - 231.7, 0.2% Cu - as fracture filling and in scattered blebs, 40% quartz, 4% Pb-Zn occuring as pyrite. 331.6 - 333.5 ft: Possible shear - bleached and leached sericite schist with less than 1% sulphides.	4.1 3.5	439 440	328.6 333.5	333.5 337.0	4.9 3.5		1.44 .82	2.8 2.3	6.6 2.8	
337.0	366.8	QUARTZ-GRAPHITE SCHIST:						0.005				0.12
		Siliceous and hard. 50% quartz, 25% graphite - occurs mainly as slightly wavy threads and disseminations in quartz, with occasional 0.005 ft. bands - irregular and broken. 5% sericite in between 352.9 - 355.5. Average 15% pyrite and 2% pyrrhotite - occurs as speckled disseminations in quartz. 0.1% Cu as chalco. blebs. 337.8 - 338.4 ft and 355.5 - 357.5 ft. silicified, with massive sulphides, 35% pyrite and 12 - 15% Pb-Zn. 339 ft. broad fold. 360 - 366.8 ft. tight drag folds, movement // to bedding, definite quartz - sulphide banding. C.A. 75°	5.0 5.0 5.8 2.3 4.9 6.3	441 442 443 444 445 446	337.0 342.0 347.0 352.9 355.5 360.5	342.0 347.0 352.9 355.5 360.5 366.8	5.0 5.0 5.9 2.6 5.0 6.3	0.005	.80 .86 .96 .16 .96 .80	1.7 2.1 2.3 .2 2.3 1.3	5.2 2.8 3.1 .7 8.6 3.1	0.03
366.8	385.0	QUARTZ-GRAPHITE SCHIST:										
		Less siliceous than 337 - 366 ft., widely spaced quartz banding and contains less pyrite, negligible chalco, local drag-folds. Average 25% quartz, 5% pyrite and odd spot of Pb-Zn-Cu. C.A. 70° @ 370 ft., 55° @ 372 ft., 65° @ 382 ft.	4.0 12.0	447	366.8 371.5	371.5 385.0	4.7		.60	Tr.	.1	

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

D.D.H. No. A-20 PAGE 7

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Lead %	Zinc %	Copper
385.0	414.0	QUARTZ-SERICITE-GRAPHITE SCHIST:										
		Medium gray, slightly altered, local drag folds, minor rock movement. Minor leaching of pyrite.	13.0		385.0	399.8						
			1.2	448	399.8	401.0	1.2		1.84	5.0	2.9	
		385.7 - 387 ft: Quartz Sericite Schist, 5% pyrite, 0.5% Pb-Zn.	12.0		401.0	414.0						
		399.8 - 401 ft: Quartz Sericite Schist, 10% pyrite, 6% Pb-Zn. Average 35% quartz, 25% sericite, 1% pyrite.										
		C.A. 60° @ 408 ft.										
	414.0	END OF HOLE.										
		Remarks:										
		AXWL Bit burnt in and left at footage 414 ft., plus part of broken tap. Hole stopped because of this blockage.										

DIAMOND DRILL RECORD

LOGGED BY W.M. SIROLA

PROPERTY SWIM LAKES "A" GROUP

D.D.H. No. A-17 PAGE 1

LATITUDE 14,575.20 BEARING OF HOLE S30°W STARTED June 27/66

DEPARTURE 59,468.25 DIP OF HOLE -60° COMPLETED July 7/66

ELEVATION 3,573.37 DIP TESTS @ 200' = 62° 30' @ 400' = 64° DEPTH 455 ft.

CLAIM No. Swim 25

DIRECTION AND DISTANCE FROM NE. CLAIM POST

Hole Size H to 5', N to 39', BXZWL to 455'.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Lead	ASSAY Zinc	ASSAY Copper
0 — 47.0		Overburden.										
47.0	169.5	GRAPHITE-SERICITE SCHIST:										
		Gray, soft, locally fissile. 20% oxidized to 117 ft. Occasional narrow 0.1 ft. quartz veins. 2% disseminated pyrite. % of graphite increases to 50% near end of section.	74.6		47.0	169.5						
		C.A. 50° @ 63 ft., 90 ft., 116 ft.										
169.5	171.5	70% pyrite. Two separate vintages of pyrite with the older replacing GRAPHITE-SERICITE SCHIST. The younger pyrite occurs as thin brassy veinlets cutting the older. darker pyrite. No obvious Pb-Zn.	1.5	299	169.5	171.5	2.0		1.08	2.1	1.7	
171.5	175.0	QUARTZ-GRAPHITE-SERICITE SCHIST:										
		Very soft and decomposed to 173.5 ft. Last .02 ft. of section contains 20% arseno pyrite (?).	2.6		171.5	173.0						
			0.5		173.0	173.5						
			1.5		173.5	175.0						
175.0	273.0	MASSIVE SULPHIDES:										
		70% pyrite, 10% magnetite occuring as narrow .0005 ft. bands // to original schistosity. 175 ft. to 273 ft. - 3% Pb-Zn occuring as irregular veinlets, streaks and clots. 0.2% chalco in small veinlets	3.3	300	171.5	175.0	3.3		.28	.3	.1	
			2.0	301	175.0	185.0	2.0		.16	.1	Tr.	
			10.0	302	185.0	195.0	10.0		.56	.3	1.3	
		From 203 ft. to 230 ft. numerous small drag-folds produce contorted C.A.'s subparallel to core. Magnetite and Pb-Zn tend to follow these drag-folds.	10.0	303	195.0	205.0	10.0		.68	.6	1.3	
			5.0	304	205.0	210.0	5.0		.64	.3	1.1	
			5.0	305	210.0	215.0	5.0		.72	.5	1.6	
		C.A. 90° @ 186 ft., 80° @ 192 ft., 45° @ 240 ft., 40° @ 252 ft., 50° @ 269 ft.	5.0	306	215.0	220.0	5.0		.60	.6	.7	

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-17 PAGE 2

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Lead	ASSAY Zinc	ASSAY Copper
			4.5	307	220.0	224.5	4.5		.44	Tr.	1.4	
			4.5	308	224.5	229.0	4.5		.72	2.0	2.4	
			5.0	309	229.0	234.0	5.0		.92	2.4	2.7	
			5.0	310	234.0	239.0	5.0		1.12	1.2	1.4	
			5.0	311	239.0	244.0	5.0		.64	.1	.5	
			5.0	312	244.0	249.0	5.0		.64	.3	.5	
			5.0	313	249.0	254.0	5.0		.48	.1	1.4	
			5.0	314	254.0	259.0	5.0		.48	1.1	1.2	
			5.0	315	259.0	264.0	5.0		.72	1.3	.6	
			5.0	316	264.0	269.0	5.0		1.32	3.0	1.2	
			3.5	317	269.0	273.0	3.5		.60	.4	.1	
				318	170.0	180.0	SLUDGE			.1	.1	
273.0	273.6	Possible Fault. Soft, crushed GRAPHITE-SERICITE SCHIST	4.7		273.0	278.0						
273.6	297.3	GRAPHITE SCHIST:	1.0		278.0	279.0						
			6.4		279.0	286.0						
			5.5		286.0	292.0						
		Soft, black, locally drag-folded, unmineralized.	1.0		292.0	293.0						
			2.0		293.0	295.0						
		C.A. 80° @ 280 ft.. 85° @ 290 ft.	2.3		295.0	297.3						
297.3	305.0	MASSIVE PYRITE:										
		60% replacement of graphite schist to 300 ft., then 80% replacement of sericite schist to 305 ft. Core fractured // to axis with rust and calcite filling fractures. Minor Pb-Zn.	7.0	319	297.3	305.0	7.0		.76	Tr.	1.0	

PROPERTY _____ D.D.H. No. _____ PAGE _____

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

N

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Lead	Zinc	Copper
305.0	310.0	SERICITE SCHIST:										
		Bleached to white color and very broken in first 2.5 ft.	5.0		305.0	310.0						
		C.A. Highly variable, contorted.										
310.0	344.3	MASSIVE PYRITE:										
		Original rock type totally replaced. 10% magnetite in very thin	5.0	320	310.0	315.0	5.0		1.52	.1	Tr.	
		0.005 ft. thick bands// to original schistosity and locally, as @	10.0	321	315.0	325.0	10.0		.76	.2	.5	
		312 - 313 ft., has large clots and blebs. Section from 310.5 -	10.0	322	325.0	335.0	10.0		1.28	.3	1.1	
		312 ft. contains 0.4% Cu as thin veins of chalco nearly // to core.,	5.0	323	335.0	340.0	5.0		1.40	.7	1.7	
		Pb-Zn - 1%. 335 - 340 ft.; 8% Pb-Zn. Calcite vein from 331.5 to	4.2	324	340.0	344.3	4.3		1.00	1.2	1.6	
		331.9 ft.										
		C.A. 60° @ 330 ft., 55° @ 332 ft., 55° @ 343 ft.										
344.3	347.0	QUARTZ-SERICITE SCHIST:										
		Soft, talcy, partially bleached. Minor pyrite in first foot of	2.7		344.3	347.0						
		section. Not sampled, unmineralized. C.A. 70° Average.										

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

D.D.H. No. A-17 PAGE 4

CLAIM No. _____

N

DIRECTION AND DISTANCE FROM

NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Lead	ASSAY Zinc	ASSAY Copper
347.0	348.8	MASSIVE PYRITE:										
		70% pyrite, 5% magnetite, 4% Pb-Zn.	1.8	325	347.0	348.8	1.8		.60	.5	1.5	
348.8	354.0	QUARTZ-SERICITE SCHIST:										
		Gray, soft, somewhat talcy, 5% pyrite.	5.2		348.8	354.0						
		C.A. 60° @ 348 ft.										
354.0	434.5	GRAPHITIC SCHIST:										
		Black, soft, locally fissile. First 4 ft. of section gradational between sericite schist and graphite schist. Crushed zone from 394.5 - 395 ft. Unit contains 1% sporadic pyrite and occasional quartz veinlets.	62.3		354.0	434.5						
		C.A. 70° @ 365 ft., 75° @ 391 ft., 75° @ 404 ft., 70° @ 430 ft.										
434.5	455.0	QUARTZ GRAPHITE-SERICITE SCHIST:										
		50% graphite, 25% quartz, 25% sericite. Vein quartz occurs from 436.0 - 436.5 ft., 441 - 442 ft. The vein quartz is pyritised and vuggy. Occasional carbonate veinlets occur. Unit is unmineralized.	1.5 2.7 2.5 3.5		434.5 436.0 440.0 443.0	436.0 440.0 443.0 447.0						
		C.A. 70° @ 453 ft.	1.6		447.0	449.0						
	456.0	END OF HOLE.	6.0		449.0	455.0						

DIAMOND DRILL RECORD

LOGGED BY Fred Chow

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

D.D.H. No. A-12 PAGE 1

LATITUDE 14,746.04 N BEARING OF HOLE S 29° 24' W STARTED June 1/66

DEPARTURE 59,568.17 E DIP OF HOLE -60° COMPLETED June 10/66

ELEVATION 3,529.92 DIP TESTS @ 200' = -66° 15' @ 400' = -66° 50' DEPTH 488'

CLAIM No. Swim 25

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Lead	Zinc	Silver	Copper	Gold
0	72	OVERBURDEN										
72	90.0	QUARTZ SERICITE SCHIST:										
		20% quartz, 15% pyrite in bands and streaks - generally	0.5		72.0	73.0						
		discontinuous, minor magnetite, no Pb-Zn-Cu. Drag folds between	6.0		73.0	79.0						
		82 - 88'. Bleached to buff color. Leached 10%, highly leached	2.5		79.0	81.5						
		at 89', shows rust along entire length. Slightly talcy.	4.5		81.5	86.0						
			4.0		86.0	90.0						
		C. A. 70° @ 74', 55° @ 80', 60° @ 88'										
90.0	143.0	QUARTZ SERICITE SCHIST:										
		30% quartz, 15% pyrite in bands and streaks, 1% magnetite scat-	1.2		90.0	95.0						
		tered and in occasional bands, Negligible Pb Zn. Drag folds @	7.0		95.0	102.0						
		96', 122 - 123.5'. Bleached to buff color, leached 5% with	1.3		102.0	103.5						
		rusty bedding and fractures, slightly vuggy in spots. White	2.5		103.5	106.0						
		quartz vein between 119.5 - 121.7' and 0.15' @ 124.5'. 0.1' of	0.5		106.0	107.0						
		H.G. Pb Zn @ 118'	1.5		107.0	110.0						
			1.8		110.0	112.0						
			1.9		112.0	116.0						
		C. A. 63° @ 100', 65° @ 113, 70° @ 124, 80° @ 130.5, 68° @ 142.5	1.8		116.0	118.0						
			0.8		118.0	119.0						
			2.0		119.0	121.0						
			0.7		121.0	122.0						
			4.0		122.0	125.0						
			1.4		125.0	128.0						
			4.0		128.0	132.0						

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-12 PAGE 2

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Lead	Zinc	Silver	Copper	Gold
			1.5		132.0	134.0						
			8.1		134.0	143.0						
143.0	161.7	QUARTZ SERICITE SCHIST:										
		60% pyrite replacement, occuring in bands and near massive in places, Negligible magnetite, 143 - 146 2% Pb Zn, 146 - 161.7 negligible Pb Zn, 30% quartz.	1.7	169	143.0	146.0	2.0	1.4	2.7	1.48		
			5.0	170	146.0	151.0	5.0	.5	1.5	.68		
			5.0	171	151.0	156.0	5.0	.1	.5	.32		
		C. A. 65° @ 147'	5.7	172	156.0	161.7	5.7	.2	.7	.36		
161.7	174.0	QUARTZ SERICITE SCHIST:										
		Bleached white with slight leaching, 1% pyrite occuring in fractures cutting bedding and parallel to bedding. Rock medium soft, 15% quartz.	1.3		161.7	163.0						
			5.0		163.0	168.0						
			2.0		168.0	170.0						
			1.0		170.0	172.0						
			2.0		172.0	174.0						
		C. A. 55° @ 163.5										
174.0	180.0	QUARTZ SERICITE SCHIST:										
		Bleached to white-buff color. 5% leached with light rusty oxidization. 1% pyrite, 10% quartz, medium soft rock, no Pb Zn.	1.4		174.0	175.5						
			4.2		175.5	180.0						

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-12 PAGE 3

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Lead	Zinc	Silver	Copper	Gold
180.0	194.6	QUARTZ SERICITE SCHIST:										
		25% pyrite-occuring in bands, as fracture filling and blotches, negligible magnetite and Pb-Zn-Cu. 40% quartz. 15% oxidization along fractures and bedding.	3.8	173	180.0	185.0	5.0	Tr.	.6	.30		
			6.8	174	185.0	190.0	5.0	Tr.	.1	.74		
			4.2	175	190.0	194.6	4.6	.1	Tr.	.24		
		C. A. 60° @ 182.5, 70° @ 185, 80° @ 188.5										
194.6	213.0	QUARTZ SERICITE SCHIST:										
		45% quartz, 40% pyrite, disseminated and in regular clusters, non-magnetic. Negligible Pb Zn Cu. Rusty fractures between 208.5 - 213.0, 0.3' massive magnetite at 212'.	5.4	176	194.6	200.0	5.4	Tr.	.7	.30		
			5.0	177	200.0	205.0	5.0	Tr.	.7	.30		
			6.6	178	205.0	213.0	8.0	.3	.1	.64		
		C. A. 65° @ 199.5, 68° @ 206'.										
213.0	217.6	QUARTZ SERICITE SCHIST:										
		20% quartz; 20% pyrite, disseminated and clusters; minor magnetite; 0.5% Pb Zn and minor chalco occuring in streaks and scattered specks. 2% leached, 5% oxidized.	2.0	179	213.0	217.6	4.6	Tr.	.1	.16		
217.6	220.5	QUARTZ SERICITE SCHIST:										
		Bleached to buff color, minor leaching, 10% quartz, no sulphides. Numerous drag folds.	2.4		217.6	220.5						

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-12 PAGE 4

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Lead	Zinc	Silver	Copper	Gold
220.5	225.7	QUARTZ SERICITE SCHIST:										
		10% quartz, 25% pyrite, in masses and bands, minor magnetite. Slightly bleached, highly folded, 40% chloritized at upper end. Negligible Pb Zn. Upper and lower contact with bleached schist @ 65° to core.	5.2		220.5	225.7						
		C. A. 50° @ 221.5										
225.7	228.2	QUARTZ SERICITE SCHIST:										
		Similar to 217.6 - 220.5. Lower contact @ 50° to core	4.1 (?)		225.7	228.2						
228.2	231.6	QUARTZ SERICITE SCHIST:										
		15% quartz, 40% pyrite, occuring in bands, a few bands galena and sphalerite, 0.2% Pb Zn. Lower contact @ 75° to core.	3.9		228.2	232.0						
		C. A. 70° @ 230.0										

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-12 PAGE 5

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Lead	Zinc	Silver	Copper	Gold
232.0	265.0	QUARTZ SERICITE SCHIST:										
		Bleached to whitish-buff color, slightly leached, more leached	1.0		232.0	233.0						
		between 266 - 248'. Fissile and soft, talcy. 3% pyrite-occuring	10.0		233.0	243.0						
		in discontinuous streaks following bedding. 248 - 249' section	5.0		243.0	248.0						
		of 30% pyrite and 6% Pb–Zn occur as blotches, lower contact	5.0		248.0	253.0						
		@ 35° to core.	8.3		253.0	262.0						
			3.0		262.0	265.0						
		C. A. 78 @ 241, 56° @ 251, 70° @ 246, 35° @ 257, 74° @ 263, 65° @ 264										
265.0	277.6	QUARTZ SERICITE SCHIST:										
		Slightly bleached, grayish-buff color, medium soft, numerous	7.2		265.0	273.0						
		drag folds, leached in spots. 10% quartz, minor pyrite, 10% chloritized.										
		C. A. 83° @ 270.										
277.6	320.5	QUARTZ SERICITE SCHIST:										
		60% pyrite occuring in bands and masses, 25% quartz, 4% magnetite	1.3	180	277.6	279.1	1.5	.1	Tr.	.14		
		in bands and blotches. 1 - 2% Pb Zn occuring in bands and more	2.6	181	279.1	282.0	2.9	.1	3.4	.38		
		often widely scattered disseminations. Minor chalco. Rock hard	8.0	182	282.0	290.0	8.0	.7	.5	.40		
		& brittle. 286.7 - 288.1: 6% chloritized, no sulphides.	10.0	183	290.0	300.0	10.0	.2	.1	.32		
			10.0	184	300.0	310.0	10.0	.6	1.7	.08		
		C. A. 74° @ 289', 82° @ 300', 70° @ 309', 60° @ 319'.	10.3	185	310.0	320.5	10.5	Tr.	1.3	.54		

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-12 PAGE 6

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Lead	Zinc	Silver	Copper	Gold
320.5	341.5	QUARTZ SERICITE SCHIST:		SPALDING COMPOSITES:			#186 - 202				.18	.005
		40% quartz. 40% pyrite occuring in bands. 2 - 3% magnetite,	4.5	186	320.5	325.0	4.5	3.8	4.9	.54		
		less than 0.2% Cu occuring in scattered veinlets. 8-10% Pb Zn	5.0	187	325.0	330.0	5.0	6.8	6.0	.62		
		occuring in bands also as fine disseminations within the pyrite	5.0	188	330.0	335.0	5.0	5.7	5.8	.92		
		bands.	5.0	189	335.0	340.0	5.0	4.2	3.1	.38		
			1.5	190	340.0	341.5	1.5	.5	1.7	.28		
		C. A. 67° @ 341										
341.5	347.5	QUARTZ SERICITE SCHIST:										
		Similar to 320.5 - 341.5 except lower Cu Pb Zn/mineralization	6.0	191	341.5	347.5	6.0	1.1	Tr.	.14		
		2% magnetite										
		C. A. 70° and 80°										
347.5	384.9	QUARTZ SERICITE SCHIST:										
		Similar to 320.5 - 341.5 except slightly higher in grade and	2.4	192	347.5	350.0	2.5	5.2	2.8			
		possibly higher Pb-Zn ratio.	4.6	193	350.0	355.0	5.0	4.3	3.6			
			4.3	194	355.0	360.0	5.0	4.1	2.7	1.94		
			4.7	195	360.0	365.0	5.0	1.3	2.4	.36		
		C. A. 70° @ 350', 80° @ 360', 50° @ 371'.	5.0	196	365.0	370.0	5.0	4.2	4.7	1.34		
			5.0	197	370.0	375.0	5.0	4.7	3.2	1.66		
			5.0	198	375.0	380.0	5.0	1.7	2.3	.76		
			5.0	199	380.0	384.9	5.0	2.4	4.6	1.16		

SPALDING RE-RUNS ON SAMPLES #186 - 193 INCLUSIVE FOR SILVER

#186 - Silver	1.52
#187 - Silver	1.36
#188 - Silver	.92
#189 - Silver	.68
#190 - Silver	.20
#191 - Silver	.12
#192 - Silver	1.10
#193 - Silver	1.76

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-12 PAGE 7

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Lead	Zinc	Silver	Copper	gold
384.9	399.0	MASSIVE SULPHIDES:										
		70% pyrite, 15% quartz, 4% magnetite as blotches and discontinuous streaks, 7 - 8% Pb Zn disseminated but not uniformly throughout length of core. Banding nearly obscured.	4.1	200	384.9	389.0	4.1	4.1	8.9	2.20		
			5.0	201	389.0	394.0	5.0	4.1	5.3	1.72		
			5.0	202	394.0	399.0	5.0	5.0	6.0	1.80		
		C. A. 65° @ 389										
399.0	405.6	QUARTZ SERICITE SCHIST:										
		40% quartz, 50% pyrite occuring in irregular patterns, 2 - 3% magnetite.	6.6	203	399.0	405.6	6.6	Tr.	Tr.	.28		
405.6	409.6	MASSIVE SULPHIDES:										
		20% quartz, 60% pyrite, 4% magnetite. No banding, schistosity barely visible in spots. No chalco. Schistosity @ 65° to core. 8% Pb Zn disseminated.	3.8	204	405.6	409.4	3.8	3.7	4.4	1.88		
409.6	412.0	QUARTZ SERICITE SCHIST:										
		30% quartz, 3% pyrite dissemination, 1 - 2% magnetite dissemination, no Pb-Zn.	2.6	205	409.6	412.0	2.6	.1	.2	.20		

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-12 PAGE 8

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Lead	Zinc	Silver	Copper	Gold
412.0	422.8	QUARTZ-SERICITE SCHIST:										
		30% quartz, 50% pyrite, 1% pyrrhotite. Banding indistinct,	5.0	206	412.0	417.0	5.0	2.3	2.9	1.16		
		schistosity @ 70° to core @ 422 ft. 12% Pb-Zn disseminated,	5.8	207	417.0	422.8	5.8	1.8	2.8	.96		
		2% magnetite.										
422.8	426.5	QUARTZ-SERICITE SCHIST:										
		Bleached white, 10% leached but no rust, low quartz. A few	3.0	208	422.8	426.5	3.7	.4	1.0	.44		
		widely separated bands of pyrite, 1% Pb-Zn.										
426.5	429.0	MASSIVE SULPHIDES:										
		92% pyrite, 2% magnetite, and 3% Pb-Zn - occuring in streaks.	2.5	209	426.5	429.0	2.5	1.5	2.2	1.44		
429.0	434.5	QUARTZ-SERICITE SCHIST:										
		Bleached buff color, 3% leached but no rust. A few narrow,	3.0	210	429.0	434.5	5.5	.6	1.2	.24		
		irregular bands of pyrite with scattered Pb-Zn (1% combined).										

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-12 PAGE 9

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Lead	Zinc	Silver	Copper	Gold
434.5	443.0	GRAPHITE-SERICITE SCHIST:										
		Medium gray, soft, 10% leached, minor pyrite and negligible chalco.	3.6	No Sample	434.5	443.0						
		C. A. 70° @ 442'.										
443.0	488.0	GRAPHITE SERICITE SCHIST:										
		Medium gray, medium soft, 20 - 25% graphite,	10.0	No Sample	443.0	453.0						
			9.5	"	453.0	463.0						
			5.0	"	463.0	468.5						
		C. A. 70° @ 460', 80° @ 472', 70° @ 485', 55° @ 485.5', 80° @ 487.5'	9.5	"	468.5	478.5						
			3.5	"	478.5	483.0						
			1.0	"	483.0	484.0						
			4.0	"	484.0	488.0						
488.0		END OF HOLE - Small flow of water from hole										
		90 ft of AXA Casing left in hole for water - will not be pulled out.										

DIAMOND DRILL RECORD

LOGGED BY FRED CHOW

PROPERTY SWIM LAKES "A" GROUP

D.D.H. No. A-11 PAGE 1

LATITUDE Line 34W/ 8 + 43S / N 12528 BEARING OF HOLE ~~-90°~~ STARTED May 28/66

DEPARTURE 60' - S44E E 61,980 DIP OF HOLE -90° COMPLETED June 2/66

ELEVATION 3,450 ft. DIP TESTS DEPTH 312 ft.

CLAIM No. SWIM #21

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Lead	Zinc	Silver	Copper	Gold
0	18.5	OVERBURDEN										
18.5	54.0	SERICITIC, QUARTZ-GRAPHITE SCHIST:										
		50% quartz, 10% sericite, no sulphides. Thinly bedded graphite. highly fissile. Core in platy chips. Heavy oxidation between 18.5 - 29 ft.	4.0		18.5	23.5						
			1.7		23.5	27.0						
			1.5		27.0	30.0						
			0.5		30.0	31.0						
		C.A. 90° @ 19 ft., 85° @ 35 ft., 70° @ 41 ft., 85° @ 49 ft.	1.0		31.0	32.0						
			2.0		32.0	35.0						
			2.0		35.0	37.0						
			2.2		37.0	40.0						
			2.7		40.0	43.0						
			4.5		43.0	48.0						
			3.8		48.0	52.0						
			2.0		52.0	54.0						
54.0	105.5	QUARTZ-SERICITE SCHIST:										
		15% quartz, 3% graphite - in thread-like streaks, slightly magnetic in sections, slightly chloritized. Moderately fissile.	1.2		54.0	56.0						
			1.5		56.0	60.0						
			0.5		60.0	61.0						
		C.A. 80° @ 65 ft., 85° @ 80 ft., 80° @ 92 and 103 ft.	0.7		61.0	64.0						
			1.7		64.0	66.0						
			4.0		66.0	70.0						
			2.7		70.0	73.0						
			4.7		73.0	78.0						
			10.0		78.0	88.0						
			5.0		88.0	93.0						
			3.0		93.0	96.0						

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-11 PAGE 2

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Lead	Zinc	Silver	Copper	Gold
			2.0		96.0	98.0						
			7.0		98.0	105.5						
105.5	133.5	QUARTZ-CHLORITE SCHIST:										
		Medium green, compact. 20% quartz, negligible pyrite and pyrrho-	6.5		105.5	112.0						
		tite. Pyrrhotite magnetic. 111 - 133 ft., intense movement,	7.0		112.0	120.0						
		numerous small drag folds and offsets, also shearing along and	4.0		120.0	124.0						
		across bedding planes.	9.5		124.0	133.5						
		C.A. 60° @ 119 ft.										
133.5	156.0	QUARTZ-CHLORITE SCHIST:										
		Grayish-green, hard and siliceous in sections and soft in others.	2.5		133.5	136.0						
		70% quartz, also 0.5 - 0.7 ft. quartz veinlets @ footages 139,	0.5		136.0	137.0						
		140, 153, 154, 155.5 ft. Splash of magnetic pyrrhotite @ 155 ft.	5.0		137.0	142.0						
		Intense rock movement, shearing @ 148 ft @ 10° to core.	2.0		142.0	144.0						
			1.8		144.0	148.0						
			2.0		148.0	153.0						
		C.A. 60° @ 138.5 ft.	2.0		153.0	156.0						
156.0	173.0	QUARTZ-SERICITE SCHIST:										
		Greenish-gray, very soft, broken core; oxidized along fractures	1.7		156.0	160.0						
		between 164 - 173 ft. 10% quartz, negligible sulphides. Intense	1.5		160.0	164.0						
		movement, likely shearing. Slightly chloritized.	1.5		164.0	170.0						

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-11 PAGE 3

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Lead	Zinc	Silver	Copper	Gold
			1.0		170.0	171.0						
		C.A. 60° @ 169 ft.	1.5		171.0	173.0						
173.0	192.0	QUARTZ-SERICITE SCHIST:										
		Greenish-gray, firm. 15% quartz, 5% chlorite mainly occuring in	0.4		173.0	173.5						
		irregular bands alongside quartz veinlets, intermittent quartz	7.5		173.5	181.0						
		veinlets generally conforming with bedding. 3% pyrrhotite (highly	0.8		181.0	182.0						
		magnetic) occurs in narrow bands, streaks and splashes, spot of	2.5		182.0	184.5						
		chalco, no Pb-Zn.	7.0		184.5	192.0						
		C.A. 70° @ 185 ft.										
192.0	247.0	QUARTZ-SERICITE SCHIST:										
		Medium-gray, slightly fissile. 25% quartz, 1% pyrrhotite (magnetic)	1.5		192.0	194.0						
		occurs in blebs and bands, spot of chalco, no Pb-Zn, a few quartz	1.8		194.0	196.0						
		veinlets.	1.8		196.0	199.0						
			2.3		199.0	202.0						
			2.3		202.0	205.0						
		C.A. 80° @ 207 and 226 ft., 70° @ 241 ft.	0.8		205.0	206.0						
			9.0		206.0	215.0						
			4.5		215.0	220.0						
			2.0		220.0	222.0						
			5.5		222.0	228.0						
			4.8		228.0	233.0						
			3.5		233.0	237.0						
			1.0		237.0	238.0						

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

D.D.H. No. A-11 PAGE 4

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Lead	Zinc	Silver	Copper	Gold
			0.5		238.0	239.0						
			4.5		239.0	243.0						
			3.2		243.0	247.0						
247.0	312.0	GRAPHITIC QUARTZ-SERICITE SCHIST:										
		Gray-black, slightly fissile, soft. 5% quartz increasing to	1.5		247.0	249.0						
		20% at 312 ft. Numerous interbedded quartz veinlets, 1% chlorite,	4.7		249.0	254.0						
		1 - 2% magnetite fine grained.	5.0		254.0	259.0						
			7.0		259.0	266.0						
			8.0		266.0	273.0						
			7.5		273.0	280.0						
		C.A. 70 - 80° @ 260 ft., undulating, 85° @ 284 ft.,	4.5		280.0	285.0						
		88° @ 310 ft.	3.0		285.0	288.0						
			4.7		288.0	293.0						
			1.4		293.0	295.0						
			7.0		295.0	302.0						
			9.5		302.0	312.0						
	312.0	END OF HOLE										

DIAMOND DRILL RECORD

LOGGED BY FRED CHOW

PROPERTY SWIM LAKES "A" GROUP

D.D.H. No. A-10 PAGE 1

LATITUDE 14,634.32 N BEARING OF HOLE S 30° 56' W STARTED May 28/66

DEPARTURE 58,869.00 E DIP OF HOLE -62° COMPLETED June 24/66

ELEVATION 3,577.38 DIP TESTS @ 200 ft. = 61° @ 400 ft. = 67° 30' DEPTH 505 ft.

CLAIM No. Susie 10

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Lead	Zinc	Silver	Copper	Gold
0	62	OVERBURDEN:										
62	64.6	MASSIVE SULPHIDES:										
		75% pyrite replacement, 20% quartz, 1 - 2% Pb-Zn occuring in narrow bands, spot of chalco; also, crystals of black mineral (?) Non-magnetic, rusty fractures.	1.7	229	62.0	64.6	2.6	1.0	2.4	.82		
		C.A. 65°										
64.6	68.0	QUARTZ-SERICITE SCHIST:										
		40% pyrite replacement in bands, 20% quartz, 1-2% Pb-Zn - in bands and veinlets, minor chalco - less than 0.1%. Undulating Bedding.	2.4 0.3	230	64.6 67.0	67.0 68.0	2.4	.7	1.6	.46		
		C.A. 60°										
68.0	76.0	QUARTZ-SERICITE SCHIST:										
		Leached, soft; 5% quartz, 2% pyrite - in splashes and specks.	0.2		68.0	69.0						
		No Pb-Zn.	1.8 0.2		69.0 71.0	71.0 71.5						
		C.A. 45° @ 73 ft.	2.5 1.7		71.5 74.0	74.0 76.0						

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-10 PAGE 2

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Lead	Zinc	Silver	Copper	Gol
76.0	87.7	QUARTZ-SERICITE SCHIST:										
		20% quartz, 40% pyrite replacement - occuring in masses and bands.	6.0	231	76.0	82.0	6.0	Tr.	Tr.	.32		
		less than 1% Pb-Zn, less than 0.1% Cu, non-magnetic. Quartz vein @ 77.7 - 78.4 ft.	5.7	232	82.0	87.7	5.7	Tr.	.1	.20		
		C.A. 75° @ 77 ft., 70° @ 83 ft.										
87.7	98.0	QUARTZ-SERICITE SCHIST:										
		25% quartz, 15% pyrite - occuring in scattered bands and blobs,	4.3		87.7	92.0						
		negligible magnetite, spot of Pb-Zn. Leached between 90.5 -	3.0		92.0	95.0						
		98.0 ft., and minor rust, soft and talcy.	2.0		95.0	98.0						
		C.A. 65° @ 92 ft.										
98.0	102.6	QUARTZ-GRAPHITE SCHIST:										
		30% quartz, 40% graphite, 15% pyrite, non-magnetic.	4.4	233	98.0	102.6	4.6	2.9	5.5		Tr	0.04
		Mineralization banded with bedding. Intense movement: folding, shearing and displacement of bedding. Cross-fractures filled with quartz and mineralized with Pb-Zn and pyrite; fine grained, mostly sphalerite. 10% Pb-Zn										
		C.A. 70° @ 101 ft.										

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

D.D.H. No. A-10 PAGE 3

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Lead	Zinc	Silver	Copper	Go
102.6	105.0	QUARTZ-SERICITE SCHIST:										
		30% quartz, 4% pyrite, 2% pyrrhotite - slightly magnetic, sulphides occuring in streaks or tiny bands, no Pb-Zn. Leached 10% but not bleached, no rust.	0.3		102.6	103.0						
			2.0		103.0	105.0						
105.0	110.0	QUARTZ-SERICITE SCHIST:										
		10% quartz, no sulphides visible. 80% oxidized, 15% leached	3.8		105.0	110.0						
110.0	113.5	QUARTZ-SERICITE SCHIST:										
		40% quartz, 45% pyrite and 5% pyrrhotite - occuring as masses and irregular bands, 2% Pb-Zn-occuring in streaks and concentrated between 111 - 112.5 ft.	3.5		110.0	113.5						
		C.A. 45 - 55° @ 113 ft.										
113.5	122.8	QUARTZ-SERICITE SCHIST:										
		20% quartz. 15% pyrite - in irregular bands and drag folded.	2.5		113.5	116.0						
		Negligible Pb-Zn-Cu.	6.8		116.0	122.8						
		C.A. 60° @ 121 ft.										

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-10 PAGE 4

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Lead	Zinc	Silver	Copper	Gold
122.8	125.0	QUARTZ-SERICITE SCHIST:										
		15% quartz, 70% pyrite in quartz matrix. spot of chalco. negligible Pb-Zn. Banding faint.	2.2		122.8	125.0						
		C.A. 65° @ 125 ft.										
125.0	153.0	QUARTZ-SERICITE SCHIST:										
		20% quartz, 25% pyrite and minor pyrrhotite - occuring in streaks	7.6		125.0	133.0						
		and up to 0.02 ft. bands, minor scattered Pb-Zn. Rock bleached	8.0		133.0	141.0						
		to buff color @ upper end, less bleaching towards 153 ft.; 1%	6.0		141.0	147.0						
		leached, no rust. Drag folded with small offsets.	3.0		147.0	150.0						
			2.8		150.0	153.0						
		C.A. 74° @ 132.5 ft., 65° @ 146 ft., 73° @ 152 ft.										
153.0	164.0	QUARTZ-SERICITE SCHIST:										
		30% quartz, to footage 157 ft. and 20% between 157 - 164 ft., 3%	4.7		153.0	158.0						
		pyrite in scattered bands and streaks, negligible Pb-Zn.	4.0		158.0	162.0						
			1.0		162.0	163.0						
			1.0		163.0	164.0						
		C.A. 70° @ 160 ft.										

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-10 PAGE 5

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Lead	Zinc	Silver	Copper	Gold
164.0	169.3	QUARTZ-SERICITE SCHIST:										
		20% quartz, 3 - 5% pyrite and pyrrhotite - occuring in scattered streaks and blobs. Minor fold @ 165 ft.	4.1		164.0	169.3						
169.3	175.0	QUARTZ-SERICITE SCHIST:										
		10% quartz. negligible scattered specks of pyrite, pyrrhotite, and chalco, 5% chlorite. 40% bleached to buff color, rock firm.	3.6		169.3	173.0						
			0.5		173.0	175.0						
		C.A. 70° @ 173 ft.										
175.0	210.0	QUARTZ-SERICITE SCHIST:										
		30% quartz, 3 - 5% pyrite and pyrrhotite - occuring in streaks,	4.6		175.0	180.0						
		bands, and scattered blobs, splash of chalco @ 191 ft., no Pb-Zn.	1.0		180.0	181.0						
		Rock hard, 5% bleached, drag-folded at sections.	0.8		181.0	182.0						
			7.0		182.0	189.0						
			2.0		189.0	191.0						
			0.6		191.0	192.0						
			1.7		192.0	194.0						
			4.0		194.0	198.0						
			4.0		198.0	202.0						
			0.6		202.0	203.0						
			4.5		203.0	207.5						
			1.7		207.5	210.0						

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-10 PAGE 6

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Lead	Zinc	Silver	Copper	Gold
210.0	219.5	QUARTZ-SERICITE SCHIST:										
		30% quartz, 4% pyrite and 4% pyrrhotite, no Pb-Zn-Cu. Intensely	2.5		210.0	213.0						
		drag folded, 60% bleached, 1% leached.	6.2		213.0	219.5						
		C.A. 65° @ 214.5 ft.										
219.5	231.0	QUARTZ-SERICITE SCHIST:										
		30% quartz, 2% pyrite and 6% pyrrhotite - occuring in irregular	3.5		219.5	223.0						
		bands, a few spots of Pb-Zn-Cu, 2% chlorite. Rock firm with	3.8		223.0	227.0						
		minor dragfolds.	4.0		227.0	231.0						
		C.A. 70° @ 221 ft., 60° @ 228 ft.										
231.0	246.7	QUARTZ-CHLORITE-SERICITE SCHIST:										
		10% quartz, 30% chlorite, negligible pyrite - pyrrhotite, many	1.0		231.0	232.0						
		0.1 - 0.2 ft quartz veinlets. No rock movement. Medium green	2.6		232.0	235.0						
		color.	2.0		235.0	237.0						
		C.A. 65° @ 241 ft.	1.3		237.0	239.0						
			7.7		239.0	246.7						

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

D.D.H. No. A-10 PAGE 7

CLAIM No. _____

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Lead	Zinc	Silver	Copper	Gold
246.7	299.5	QUARTZ-SERICITE SCHIST:										
		20% quartz, 5% pyrrhotite and 1% pyrite - occuring in irregular	7.3		246.7	254.0						
		bands. Pyrrhotite highly magnetic, (pyrrhotite and pyrite content	4.0		254.0	258.0						
		increases to 30% from 293 - 299.5 ft.), no Pb-Zn-Cu. Minor drag	7.5		258.0	265.5						
		folds @ footages 255 and between 275 - 294 ft. Slightly bleached.	0.4		265.5	266.5						
			0.5		266.5	267.0						
			0.3		267.0	268.0						
		C. A. 70° @ 254 ft., 60° @ 263 ft., 70° @ 280 ft., 70° @ 299	ft. 2.0		268.0	271.0						
			0.6		271.0	273.0						
			3.0		273.0	276.0						
			7.9		276.0	284.0						
			3.0		284.0	287.0						
			1.0		287.0	288.0						
			5.0		288.0	293.0						
			5.7		293.0	299.5						
299.5	344.0	QUARTZ-CHLORITE-SERICITE SCHIST:										
		20% quartz, 5% chlorite increasing to 15% towards 344 ft., 10%	0.5		299.5	300.0						
		pyrrhotite and 2% pyrite to 313.7 ft., 3% pyrrhotite and 1% pyrite	0.8		300.0	301.0						
		between 313.7 - 344 ft., odd speck of chalco, no Pb-Zn (.01 ft.	1.0		301.0	302.0						
		band @ 326.4 ft.). Pyrrhotite highly magnetic. Minor drag folds,	3.5		302.0	305.5						
		slightly bleached in sections, rock firm.	0.7		305.5	306.5						
			3.3		306.5	310.0						
		338.4 - 344 ft.: Bleached - 50% @ 338 ft., to 90% @ 344 ft.,	1.9		310.0	312.0						
		slightly leached, 10% chlorite.	0.7		312.0	313.0						
			1.0		313.0	314.0						
			2.0		314.0	316.0						
		C.A. 65° @ 286', 70° @ 330', and 328', 68° @ 343 ft.	1.9		316.0	319.0						
			0.5		319.0	320.0						
			1.5		320.0	321.5						

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-10 PAGE 8

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Lead	Zinc	Silver	Copper	Gold
			1.3		321.5	323.0						
			1.7		323.0	325.0						
			1.5		325.0	326.5						
			1.0		326.5	327.5						
			1.5		327.5	329.0						
			1.8		329.0	331.0						
			1.0		331.0	332.0						
			1.0		332.0	334.0						
			4.0		334.0	338.0						
			0.3		338.0	338.5						
			5.4		338.5	344.0						
344.0	369.2	QUARTZ-GRAPHITE (& SERICITE) SCHIST:										
		Sericite is totally replaced. 2% graphite, but 10% between	4.5	234	344.0	348.5	4.5	1.8	2.2	.44		
		351.5 - 355.1 ft. 40% quartz, 40% pyrite- occuring as irregular	4.5	235	348.5	353.0	4.5	1.7	3.0	.68		
		bands, streaks and scattered blobs, 2% scattered pyrrhotite	3.2	236	353.0	356.2	3.2	.6	2.7	1.16		
		(increases to 7% @ 364 ft. and drops back to 2%), highly magnetic,	4.7	237	356.2	360.9	4.7	4.0	5.0	3.24		
		2 - 4% magnetite - in bands and disseminated, minor chalco. in	5.0	238	360.9	365.9	5.0	2.1	5.1	1.76		
		blobs and veinlets. Rock moderately fractured and filled with	3.3	239	365.9	369.2	3.3	1.6	3.2	1.36		
		quartz, sulphides, and/or chlorite. Negligible amount of leaching. Siliceous and hard.										
			Contact. Samples 237 - 239								0.19	TR
		C.A. 70° @ 357 ft.										
369.2	389.1	MASSIVE SULPHIDES:										
		20% quartz, 60% pyrite, 2% magnetite, negligible chalco, banding										
		faint. Sulphides occur as bands and disseminations.										

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-10 PAGE 9

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Lead	Zinc	Silver	Copper	Gold
		383 - 385.7 ft: Quartzy section with pyrite occuring in irregular	1.8	240	369.2	371.0	1.8	4.1	10.7	3.00		
		patterns, 12% Pb-Zn - occuring in irregular bands	.4	241	371.0	373.0	2.0	5.0	9.1	3.56		
		and disseminated. Vuggy between 376.3 - 378.2 ft.	4.5	242	373.0	378.0	5.0	4.5	5.8	2.40		
			4.7	243	378.0	383.0	5.0	.1	3.2	.44		
		C.A. 85-90°	2.5	244	383.0	385.5	2.5	.6	1.0	1.04		
			3.6	245	385.5	389.1	3.6	1.7	3.5	1.32		
389.1	394.0	MASSIVE SULPHIDES:										
		85% pyrite, 5% magnetite, 1% Pb-Zn - in widely separated bands.	4.7	246	389.1	394.0	4.9	1.2	2.5	1.24		
		Lineation 60° - 70° to core										
394.0	396.4	QUARTZ-SERICITE SCHIST:										
		Bleached to white-buff color. 5% pyrite, minor magnetite, chalco,	2.3	247	394.0	396.4	2.4	.5	1.5	.24		
		Pb-Zn (0.3%).										
		C.A. 80° @ 394.5										
396.4	400.5	MASSIVE SULPHIDES:										
		396.4 - 399.4: 80% pyrite, 2% magnetite, 10% quartz	4.1	248	396.4	400.5	4.1	1.8	4.5	1.16		
		399.4 - 400.5: Quartz sericite schist as 394-396 ft.										
		1% Pb-Zn in widely separated bands - 396.4 - 400.5 ft.										

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

D.D.H. No. A-10 PAGE 10

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Lead	Zinc	Silver	Copper	Gold
400.5	408.4	MASSIVE SULPHIDES:										
		85% pyrite, 1% magnetite, negligible chalco and 4% Pb-Zn-	4.7	249	400.5	405.5	5.0	2.8	3.9	1.84		
		occuring in widely separated bands.	2.8	250	405.5	408.4	2.9	1.5	1.6	1.16		
		Lineation 55° to core.										
408.4	413.5	MASSIVE SULPHIDES:										
		408.4 - 411.0 ft: Massive pyrite, 5% vugs.	5.0	251	408.4	413.5	5.1	3.2	8.4	1.76		
		411.0 - 411.9 ft: Pyrite, 40% quartz.										
		411.9 - 413.5 ft: Massive sulphides, 60% pyrite, 8% Pb-Zn occur-										
		ing in irregular bands and disseminated, 1% magnetite, 5% quartz										
		in sulphides, negligible chalco.										
		Lineation 55° to core.									0.12	0.05
413.5	441.4	QUARTZ-SERICITE SCHIST:										
		Sericite totally replaced. 40% quartz, 25% pyrites and 2%	4.5	252	413.5	418.0	4.5	3.1	7.9	1.88		
		pyrrhotite - occuring in irregular bands, negligible chalco.	5.0	253	418.0	423.0	5.0	1.2	5.5	.56		
		6.5% average Pb-Zn occuring in irregular bands and patterns,	4.8	254	423.0	428.0	5.0	.6	4.1	.60		
		streaks and blotches.	4.9	255	428.0	433.0	5.0	1.0	3.4	.68		
		Rock is highly fractured, shows intense movement, in parts	5.0	256	433.0	438.0	5.0	1.2	4.8	.68		
		brecciated and re-cemented, highly siliceous and hard. Fractures	3.4	257	438.0	441.4	3.4	2.3	4.7	1.36		
		generally filled with sulphides, no evidence of folding.										
		C.A. 55° @ 420 ft.. 75° @ 428 ft.. but undulating & irregular										

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-10 PAGE 11

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Lead	Zinc	Silver	Copper	Gold
441.4	452.2	MASSIVE SULPHIDES:										
		80% pyrite, 8% magnetite - occuring as broken streaks showing	3.3	258	441.4	444.7	3.3	1.9	3.6	.96		
		lineation, 10% Pb-Zn to footage 443.7 ft, 1% Pb-Zn between	4.0	259	444.7	448.7	4.0	Tr.	1.2	.72		
		443.7 to 452.2 ft.	3.5	260	448.7	452.2	3.5	Tr.	Tr.	.80		
		Lineation 40 - 50° undulating.										
452.2	455.1	QUARTZ-SERICITE SCHIST:										
		Bleached 50% to buff color. 15% pyrite- occuring in streaks	4.3	274	452.2	456.5	4.3	.3	.6	.30		
		and bands up to 0.06 ft. in width, 0.4% Pb-Zn - mineralized with the sulphide bands.										
		C.A. 70° @ 453 ft.										
456.5	471.0	SERICITIC QUARTZ-GRAPHITE SCHIST:										
		Banded, black and white, 0.01 ft. or less in width, 10% quartz,	3.5		456.5	460.0						
		40% sericite, 50% graphite, minor pyrite. Massive pyrrhotite	1.4		460.0	462.0						
		and pyrite @ 365.0 - 365.8 ft. and 366.9 - 367.1 ft. with 5%	7.0		462.0	469.0						
		Pb-Zn. Minute drag folds throughout, movement parallel to	0.5		469.0	469.5						
		bedding.	1.3		469.5	471.0						
		C.A. 60° @ 460 feet.										

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-10 PAGE 12

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Lead	Zinc	Silver	Copper	Gold
471.0	505.0	SERICITIC QUARTZ-GRAPHITE SCHIST:										
		Similar to 456.5 - 471.0 ft. except rock shows no movement	1.7		471.0	473.0						
		and contains no sulphides.	1.6		473.0	475.0						
			2.6		475.0	478.0						
		C.A. 60° @ 478 ft., 75° @ 492 ft., and 80° @ 501 ft.	1.6		478.0	479.5						
			1.0		479.5	480.5						
			2.5		480.5	483.0						
			1.0		483.0	484.0						
			0.8		484.0	485.0						
			0.9		485.0	486.0						
			0.6		486.0	487.0						
	505.0	END OF HOLE.	0.6		487.0	488.0						
			1.0		488.0	489.0						
			3.5		489.0	493.0						
			0.6		493.0	494.0						
			3.0		494.0	497.0						
			3.5		497.0	501.0						
			1.5		501.0	503.0						
			1.0		503.0	504.0						
			1.0		504.0	505.0						

DIAMOND DRILL RECORD

LOGGED BY FRED CHOW

PROPERTY SWIM LAKES "A" GROUP

D.D.H. No. A-8 PAGE 1

LATITUDE Line 10W/ 10 + 20S/ 10,649 N BEARING OF HOLE [illegible] STARTED May 19th, 1966

DEPARTURE 29' - S45E/ 63,450 E DIP OF HOLE -90° COMPLETED May 23rd, 1966

ELEVATION 3,210 approx. DIP TESTS _____ DEPTH 494 ft.

CLAIM No. SWIM #17

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

Casing: 8' H, 13' NX, 15' /Core Size: 8 - 494' BXZWL

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Lead	Zinc	Silver	Copper	Gold
0	8.0	OVERBURDEN										
8.0	21.0	QUARTZ-GRAPHITE SCHIST:										
		Black, fissile. 20% quartz, likely sericite interbedded.	6.5		8.0	16.0						
		Oxidized along bedding planes. 13.8 - 14.5 ft quartz vein.	0.4		16.0	20.0						
			0.8		20.0	21.0						
		C.A. 90° @ 9 ft.										
21.0	26.0	QUARTZ SERICITE SCHIST:										
		Gray color, fissile. 10% quartz; also quartz veinlets between	0.8		21.0	22.0						
		22.0 ft and 23.0 ft., oxidized along bedding planes. A few	1.0		22.0	23.0						
		scattered specks of pyrite and pyrrhotite (highly magnetic),	0.7		23.0	24.0						
		5% chlorite.	1.3		24.0	26.0						
		C.A. 80° @ 24 ft.										
26.0	55.0	GRAPHITIC QUARTZ-SERICITE SCHIST:										
		Medium gray color, soft. 5% quartz, 2 - 15% graphite in vary-	3.2		26.0	30.0						
		ing amounts, slightly fissile. Quartz veinlet between 32.0 -	2.0		30.0	32.0						
		33.2 ft. 1 - 5% chlorite, varying in amount from section to	7.3		32.0	40.0						
		section.	4.0		40.0	45.0						
		C.A. 85° @ 45 ft., 75° @ 55 ft.	6.0		45.0	51.0						
			2.9		51.0	55.0						

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-8 PAGE 2

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Lead	Zinc	Silver	Copper	Gold
55.0	69.3	QUARTZ-SERICITE SCHIST:										
		Light gray and greenish-buff in color. Medium-soft, fissile.	9.0		55.0	64.0						
		Minor pyrrhotite occuring in bands and blebs, 15% quartz.	5.0		64.0	69.0						
		69 - 72 ft.: Quartz-Graphite Schist	6.0		69.0	75.0						
		C.A. 85° @ 59 ft, 70° @ 66 ft, 85° @ 78 ft.	4.3		75.0	79.3						
69.3	220.5	GRAPHITIC QUARTZ-SERICITE SCHIST:										
		Medium gray to gray-black. 25% graphite - occuring in streaky	0.7		69.3	70.0						
		planes interbedded with sericite and 30% quartz. Graphite	7.3		70.0	87.0						
		content decreases to 10% towards 145 ft. and increases to 20%	3.0		87.0	90.0						
		@ 176 ft. Rock firm and medium hard, not fissile except 177 -	3.0		90.0	93.0						
		186 ft., though breaks fairly easily along bedding. Bedding	10.0		93.0	103.0						
		slightly undulating: Odd spot or speck of magnetic pyrrhotite.	9.0		103.0	113.0						
		108.5 - 124 ft. numberous quartz veinlets up to 0.1 ft. in width	9.5		113.0	123.0						
		occuring as irregular veinlets, generally following bedding	3.8		123.0	127.0						
		and mineralized with minor blotches of pyrite and a speck of	7.5		127.0	134.5						
		chalco.	1.7		134.5	136.0						
		142.0 - 142.7: Shear?	5.5		136.0	142.0						
		143.6 - 144.8: Quartz vein and chlorite.	4.5		142.0	147.0						
			10.0		147.0	157.0						
			9.0		157.0	166.0						
		C.A. 80° @ 74 and 103.5 ft., 75° @ 134.5 ft., 65° @ 147 ft.	6.5		166.0	173.0						
		undulating between 70° - 60° @ 177 ft., 70 - 75° @ 200 ft.,	5.0		173.0	178.0						
		75° @ 216 ft.	0.3		178.0	178.5						
			1.7		178.5	180.5						
			0.9		180.5	181.5						
			5.0		181.5	187.0						
			4.7		187.0	191.0						

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

D.D.H. No. A-8 PAGE 3

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Lead	Zinc	Silver	Copper	Gold
		166 - 174 ft: Many .01 ft. - .05 ft. quartz veinlets along and across bedding, mineralized with blebs of pyrite and pyrrhotite.	4.4		191.0	195.5						
			6.5		195.5	202.0						
			2.0		202.0	204.0						
		188 - 214 ft: Numerous tiny fractures with quartz and carbonate filling.	10.0		204.0	214.0						
			6.0		214.0	220.5						
220.5	226.0	QUARTZ-GRAPHITE SCHIST:										
		Medium black color. 45% graphite, 50% quartz plus sericite.	0.5		220.5	221.0						
		Highly fractured with rusty planes. 5% vuggy between 224 - 225.4 ft., fractures are carbonate and quartz filled.	4.0		221.0	225.0						
			1.0		225.0	226.0						
		C.A. 80° @ 221.5 ft., 55° @ 225 ft.										
226.0	242.5	QUARTZ-GRAPHITE SCHIST:										
		Black. 7% quartz, 90% graphite, tight bedding, firm, not fissile. A few quartz veinlets occur along bedding.	9.0		226.0	235.0						
			7.5		235.0	242.5						
		C.A. 85° @ 226.5 and 240 ft.										

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-8 PAGE 4

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Lead	Zinc	Silver	Copper	Gold
242.5	356.5	QUARTZ-GRAPHITE SCHIST:										
		Medium black to black in color. Mainly thinly bedded graphite.	1.5		242.5	244.0						
		firm rock; medium hard. Average 35% graphite, 64% quartz. A	9.0		244.0	253.0						
		few 0.01 ft. to 0.05 ft. quartz veinlets interbedded.	4.0		253.0	257.0						
		282 - 285 ft: Shear, core broken, some sericite schist inter-	10.0		257.0	267.0						
		bedded.	10.0		267.0	277.0						
		302 - 318.5 ft: Average graphite content increase to 50%.	3.0		277.0	282.0						
		325.3 - 326.2': Two quartz veinlets with minor chlorite and	1.0		282.0	284.0						
		carbonate.	10.0		284.0	294.0						
			10.0		294.0	304.0						
			10.0		304.0	314.0						
		C.A. 88° @ 260 ft, 70° @ 292', 80° @ 294', 85 - 90° @ 324 ft,	10.0		314.0	324.0						
		80 - 75° @ 338', 70° @ 348'.	5.0		324.0	329.0						
			8.6		329.0	338.0						
			10.0		338.0	348.0						
			7.3		348.0	356.5						
356.5	399.0	GRAPHITIC QUARTZ-SERICITE SCHIST:										
		Dark gray, firm and fresh rock. 15% graphite in streaky bands	1.0		356.6	357.5						
		interbedded with 25% quartz and 55% sericite. 5% chloritized,	10.0		357.5	368.0						
		occurs as blebs and bands. No contact, change gradual. Minor	10.0		368.0	378.0						
		scattered blebs pyrrhotite (magnetic). A few fractures between	10.0		378.0	388.0						
		397 - 399 ft., quartz-carbonate filled.	9.7		388.0	398.0						
			1.0		398.0	399.0						
		C.A. 80 - 85° @ 363 ft., bedding undulating, 76° @ 393 ft.										

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-8 PAGE 5

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

N

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Lead	Zinc	Silver	Copper	Gol
399.0	433.0	QUARTZ-GRAPHITE SCHIST:										
		Quartz and graphite occur mainly in thin, streaky beds, often	4.0		399.0	403.0						
		in bands from 0.01 ft. to 0.1 ft. in width. Average 55% quartz.	10.0		403.0	413.5						
		Negligible pyrite and pyrrhotite occuring in scattered blebs.	10.0		413.5	423.5						
		399 - 403 ft., a few fractures, quartz-carbonate filled, slight offsets.	9.5		423.5	433.0						
		C.A. 75° @ 403 ft., 80° @ 425 ft.										
433.0	435.5	QUARTZ-GRAPHITE SCHIST:										
		Shear, moderate rock movement, dragged, tiny offsets.	2.5		433.0	435.5						
435.5	486.0	QUARTZ-GRAPHITE SCHIST:										
		Thick bands of graphite to 467 ft., not fissile; thinly bedded	2.5		435.5	438.0						
		from 467 ft. - 486 ft.	1.5		438.0	440.0						
			0.7		440.0	441.0						
			5.8		441.0	447.6						
		C. A. 85° @ 447 ft., 73° @ 472 ft., 83° @ 482 ft.	9.5		447.6	457.0						
			10.0		457.0	467.0						
			10.0		467.0	477.0						
			7.0		477.0	484.0						
			2.0		484.0	486.0						

DIAMOND DRILL RECORD

LOGGED BY _____

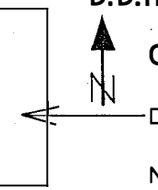
PROPERTY _____

D.D.H. No. A-8 PAGE 6

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____



CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Lead	Zinc	Silver	Copper	Gold
486.0	490.3	QUARTZ-CHLORITE-SERICITE SCHIST:										
		Light buff-green color. 40% quartz, 10% chlorite occuring in blebs and bands with sericite. Minor drag folding.	4.3		486.0	490.3						
		C.A. 85° @ 489 ft.										
490.3	492.0	QUARTZ-GRAPHITE SCHIST:										
		Minor drags showing.	1.4		490.3	492.0						
492.0	494.0	QUARTZ-CHLORITE-SERICITE SCHIST:										
		Similar to 486.3 - 490.3, except no folding evident.	2.0		492.0	494.0						
	494.0	END OF HOLE.										

DIAMOND DRILL RECORD

LOGGED BY FRED CHOW

PROPERTY SWIM LAKES "A" GROUP

D.D.H. No. A-7 PAGE 1

LATITUDE Line 13E/ 21 + 825/ 8245N BEARING OF HOLE ~~~ STARTED May 3, 1966

DEPARTURE 29 Ft. - S56E/ 64195E DIP OF HOLE -90° COMPLETED May 14, 1966

ELEVATION 3,155 approx. DIP TESTS _____ DEPTH 500 ft.

CLAIM No. SWIM # 47

DIRECTION AND DISTANCE FROM NE. CLAIM POST

Casing:- 13' H, 23' NX, 27' BX. /core size: 20 - 500' BXAWL

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Lead	Zinc	Silver	Copper	Gold
0	20	OVERBURDEN										
20	216	QUARTZ-GRAPHITE SCHIST										
		Dark gray color, quartz-graphite interbedded, in streaks and	3.4		20.0	29.0						
		bands up to 0.005'. Minor quartz - filled cross-fractures. 3%	2.8		29.0	34.0						
		pyrite occuring in blebs and between bedding. 1% magnetite in	2.0		34.0	38.0						
		tiny crystals in graphite bands.	2.0		38.0	41.6						
		1% oxidation along fractured planes and bedding to footage 53 ft.	0.8		41.6	43.0						
		Slightly undulating bedding from 79 ft. with a few offsets;	2.9		43.0	46.0						
		highly contorted between footages 124 - 127 ft.	2.0		46.0	48.5						
		Minor fold at 153 ft. Platy bands from 107 - 132 ft.	1.0		48.5	49.5						
		189 - 197 ft; increase fracturing - quartz filled, increasing	9.5		49.5	58.0						
		rock movement, highly contorted, slightly vuggy at 197 ft.	10.0		58.0	68.0						
		196 - 202 ft: Fault, gouge with carbonate;	9.8		68.0	78.0						
		203 - 216 ft: Banding at 10°, intense movement, minor slickenside	9.0		78.0	86.0						
		at 206 - 207 ft.	6.2		86.0	93.0						
			10.0		93.0	103.0						
		C.A. 70° @ 42', 50° @ 63', 60° @ 64', 70° @ 70',	10.0		103.0	113.0						
		85° @ 84' and 111', 80° @ 150', 70° @ 164',	10.0		113.0	123.0						
		80° @ 182'.	5.0		123.0	128.5						
			5.3		128.5	134.0						
			5.5		134.0	140.0						
			1.8		140.0	142.0						
			8.0		142.0	150.0						
			1.3		150.0	152.0						
			9.0		152.0	161.0						
			10.0		161.0	171.0						
			2.5		171.0	174.0						

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-7 PAGE 2

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Lead	Zinc	Silver	Copper	Gold
			10.0		174.0	184.0						
			3.0		184.0	187.0						
			6.0		187.0	193.0						
			7.0		193.0	203.0						
			4.0		203.0	207.0						
			2.0		207.0	215.0						
			1.0		215.0	216.0						
216.0	218.5	QUARTZ-SERICITE SCHIST:										
		Bleached, greenish-gray to buff colored, fine grain. Shows intense movement nearly parallel to core. 30% chlorite occuring along bedding.	2.5		216.0	218.5						
218.5	221.0	QUARTZ-GRAPHITE SCHIST:										
		Similar to 203 - 216 ft.	2.2		218.5	221.0						
221.0	242.0	CHLORITE-QUARTZ-SERICITE SCHIST:										
		Greenish-gray color, bleached looking.	1.8		221.0	223.0						
		221 - 231 ft: show moderate movement, massive quartz, @ 224 - 231 ft.	8.0		223.0	232.0						
			6.0		232.0	239.0						
		231 - 242 ft: banding regular, 55% quartz, 45% sericite, negligible pyrite and magnetite.	3.0		239.0	242.0						
		C.A. = 73°										

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-7 PAGE 3

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Lead	Zinc	Silver	Copper	Gold
242.0	255.5	INTERBEDDED GRAPHITE AND SERICITE SCHIST:										
		242.0 - 244.0 ft: Graphite schist; gray to black, fine grain	1.8		242.0	244.0						
		244.0 - 246.0 ft: Sericite Schist	3.5		244.0	247.5						
		246.0 - 247.5 ft: Graphite Schist with short section sericite	1.3		247.5	249.0						
		247.5 - 255.5 ft: Sericite schist; bleached, gray-buff color, fine grain. 60% quartz, negligible pyrite or sulphides.	1.0		249.0 250.0	250.0 255.5						
		C. A. 80° @ 247 ft. 75° @ 248 - 255 ft.										
255.5	325.4	QUARTZ-GRAPHITE SCHIST:										
		Black, fine grain, minor quartz, negligible sulphides, 40% quartz,	0.7		255.5	257.0						
		Up to 70% quartz in sections. Core is broken up and gro und from	0.5		257.0	259.0						
		262 - 280 ft.	0.6		259.0	262.0						
		262 - 282 ft: Rock is highly fractured with calcite replacement, in parts appear to be re-cemented.	4.0 3.0		262.0 266.0	266.0 270.0						
		284 - 287 ft: Small drag folds.	0.6		270.0	271.0						
		Banding narrow. Often streaky graphite	1.5		271.0	273.0						
		mineralization. Platy bands between 283 -	1.2		273.0	276.5						
		310 ft.	0.9		276.5	278.0						
		303 - 317 ft: Small drag folds, medium gray, more siliceous.	0.5		278.0	279.0						
			1.0		279.0	280.0						
			1.2		280.0	282.0						
		C.A. 70° @ 287 ft., 85° @ 300 ft., 75° @ 320 ft.	9.3		282.0	293.0						
			4.0		293.0	299.0						
			7.0		299.0	306.0						
			16.0		306.0	322.0						
			3.4		322.0	325.4						

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LATITUDE _____ BEARING OF HOLE _____ STARTED _____

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CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Lead	Zinc	Silver	Copper	Gold
325.4	335.5	QUARTZ-SERICITE SCHIST:										
		Gray to buff color. 40% quartz, 55% sericite, 3% chlorite,	7.4		325.4	333.0						
		minor pyrite and magnetite. Small drag folds @ 326 ft and	2.5		333.0	335.5						
		between 330 - 331 ft.										
		C. A. 75° @ 329 ft.										
335.5	369.3	QUARTZ CHLORITE SCHIST:										
		Medium green, fine grain. 45% quartz, negligible sulphides.	5.5		335.5	341.0						
		337 - 340 ft and 359 - 367 ft: Banding irregular	20.3		341.0	369.3						
		340 - 349 ft: Mottled appearance with quartz in chlorite matrix.										
		351 - 356 ft: Sericite Schist, very fine grain, 10% quartz										
		C. A. 75° @ 350 ft.										
369.3	394.7	QUARTZ-CHLORITE-SERICITE SCHIST:										
		Greenish-gray and grayish-green in color, fine grained, tight	7.7		369.3	377.0						
		bedding. 35 - 40% quartz, negligible pyrite and pyrrhotite.	3.5		377.0	380.5						
		Quartz stringers @ 373 ft, 374 ft., 381.5 ft., 387 ft., and	7.4		380.5	388.0						
		388 ft. Drag fold @ 393 ft.	1.0		388.0	389.0						
			5.7		389.0	394.7						
		C. A. 75° @ 371 and 83° @ 381 ft.										

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DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Lead	Zinc	Silver	Copper	Gold
394.7	446.0	QUARTZ-SERICITE-CHLORITE SCHIST:										
		Medium and dark green color, fine grained, massive, banding	4.3		394.7	399.0						
		moderately distinct. 40% quartz, 10% sericite, 50% chlorite;	10.0		399.0	409.0						
		negligible magnetite, pyrite and pyrrhotite, no Pb-Zn.	10.0		409.0	419.0						
		401.5 - 402.8ft: Sericite Schist	5.5		419.0	425.0						
		420 - 436 ft.: Bedding undulating, contorted in sections.	8.0		425.0	433.0						
		small drag folds.	3.5		433.0	437.0						
			9.0		437.0	446.0						
		C.A. 80° @ 398 ft., 85° @ 408 ft., 80° @ 417 ft.,										
		78° @ 427 ft., 60° @ 435 ft.										
446.0	460.0	QUARTZ-SERICITE SCHIST:										
		Medium gray with buff-colored bands, fine grained. 40% quartz,	1.0		446.0	447.0						
		negligible magnetite, less than 1% pyrite/pyrrhotite, a speck	4.0		447.0	450.5						
		of chalco, no Pb Zn. A few 0.01 ft quartz filled fractures	6.5		450.5	457.0						
		@ 90° to bedding. Minor movement, also small drag folds @	2.9		457.0	460.0						
		footages 454 ft and 456 - 460 ft.										
		C.A. 83° @ 440 ft., 78° to 80° @ 451 ft., 70° @ 455 ft.,										
460.0	500.0	QUARTZ-GRAPHITE SCHIST:										
		Medium gray to black, fine grain. 40% quartz becoming more	0.9		460.0	461.0						
		siliceous towards footage 500 ft. Negligible magnetite, pyrite	7.0		461.0	468.0						
		pyrrhotite, no Pb Zn. Banding indistinct.	3.5		468.0	472.0						
			5.0		472.0	477.0						
			1.5		477.0	479.0						

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

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LATITUDE _____ BEARING OF HOLE _____ STARTED _____

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ELEVATION _____ DIP TESTS _____ DEPTH _____

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DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Lead	Zinc	Silver	Copper	Gold
		460 - 465 ft: Contains 20% sericite	7.3		479.0	487.0						
			0.5		487.0	487.5						
			9.5		487.5	497.0						
		C.A. 73° @ 471 ft., 70° @ 481 ft., 74° @ 493 ft., 70° @ 500 ft.										
	500.0	END OF HOLE										

DIAMOND DRILL RECORD

LOGGED BY W. M. SIROLA AND FRED CHOW

PROPERTY SWIM LAKES "A" GROUP

D.D.H. No. A-6-A PAGE 1

LATITUDE 14,645 .29 BEARING OF HOLE S 31° 56' 18" W STARTED May 15/66

DEPARTURE 59,743 .48 DIP OF HOLE -60° COMPLETED May 28/66

ELEVATION 3538 .21 DIP TESTS @ 200' = 61° 30' DEPTH 526.0'

CLAIM No. SWIM 25

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Lead	Zinc	Silver	Copper	Gold
0	84	Overburden:										
84	86	Quartz sericite schist 5% disseminated pyrite 65° C.A.	1.35									
86	95.1	Quartz graphite schist 10% disseminated pyrite, Minor Pb & Zn	7.80									
95.1	99.8	Sericite schist bleached to cream color. 2% banded pyrite Minor Pb 60° CA	3.00									
99.8	105.5	Quartz sericite schist 30% banded pyrite. 60% from 100-100.5, C.A. 60° @ 105, clot of magnetite 0.1' in diameter @ 101.0	5.50									
					SLUDGE SAMPLES RUN BY SPALDING							
105.5	131.0	Quartz sericite schist, light grey, laminated, soft, 2% pyrite in irregular bands. Average C.A. = 60°	22.0	#136	147	158	11.0	.2	.5	.52		
				#137	158	163	5.0	Tr.	.3	.20		
131.0	137.7	Sericite schist bleached cream colored, soft, talcy, Average C.A. = 60°	4.5	#138	163	170	7.0	1.8	3.2	.56		
				#139	170	180	10.0	4.2	4.4	1.32		
137.7	147.0	Quartz sericite schist 50% quartz in bands up to 0.3'. 5% magnetite in irregular bands and clots. 10% pyrite in bands.	7.5									
147.0	154.0	Caved section in quartz sericite schist 30% pyrite negligible core rec.	0.6				(COMPOSITE BY SPALDING ON 067 - 082) Gold = .01, Copper = .16					
154.0	159.0	Caved section in quartz sericite schist 30% pyrite, 5% Pb-Zn	1.0	067	154	159	5.0	8.6	6.8	1.52		
159.0	161.0	Quartz sericite schist 50% pyrite rusty broken core from 169-170, 8% Pb-Zn	1.6	068	159	161	2.0	4.9	2.6	1.14		
161.0	242.0	Quartz sericite schist 50% pyrite as bands // schistosity. 5% magnetite	2.0	069	161	163	2.0	6.0	4.8	2.10		
		30% quartz. Locally rusty along fracture planes. C.A. 60° @ 172, 65°	4.5	070	163	168	5.0	5.5	6.4	1.14		
		@ 184, 60° @ 191, 50° @ 226 8% Pb-Zn	5.0	071	168	173	5.0	8.2	6.7	1.92		

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-6-A PAGE 2

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

CLAIM No. _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

DIRECTION AND DISTANCE FROM

ELEVATION _____ DIP TESTS _____ DEPTH _____

NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Lead	Zinc	Silver	Copper	Gold
		SLUDGE SAMPLES:	4.0	072	173.0	178	5.0	4.8	5.4	1.34		
			5.0	073	178.0	183.0	5.0	10.1	10.6	3.06		
			5.0	074	183.0	188.0	5.0	3.2	5.5	1.34		
			5.0	075	188.0	193.0	5.0	6.3	5.4	3.04		
			1.1	076	193.0	199.0	6.0	5.0	8.4	2.34		
			0.6	077	199.0	205.5	6.5	9.3	7.2	2.60		
			0.6	078	205.5	218.5	13.0	8.6	10.1	3.52		
			0.6	079	218.5	222.0	3.5	9.5	12.7	3.02		
			2.7	080	222.0	227.0	5.0	3.5	7.1	1.54		
			0.6	081	227.0	228.5	1.5	5.7	6.5	1.50		
			0.7	082	228.5	232.0	3.5	10.3	10.9	3.34		
			0.5	083	232.0	242.0	10.0	1.2	1.8	0.12		
242.0	260.0	Quartz sericite schist 55% pyrite replacement Sporadic chalco from 245 - 256 occurring as irregular veinlets cutting pyrite. 1% magnetite in irregular bands. 1% Pb-Zn. C.A. 45° @ 247, 45° @ 251, 45° @ 260	3.0	084	242.0	245.0	3.0	1.2	1.4	0.14		
			5.0	085	245.0	250.0	5.0	1.1	1.6	0.48		
			9.0	086	250.0	260.0	10.0	0.5	1.1	0.26		
260.0	271.8	Quartz sericite schist 30% pyrite less than 1% Pb-Zn, 3% magnetite C.A. 60° @ 264, 65° @ 270.	3.0	087	260.0	263.0	3.0	0.3	1.4	0.42		
			5.0	088	263.0	268.0	5.0	1.1	1.7	0.68		
			3.8	089	268.0	271.8	3.8	Tr.	1.0	0.02		
271.8	282.0	Quartz sericite schist 70% sericite, 20% quartz mostly as 0.1' - 0.5' bands, occasional buff colored carbonate bands. Core highly fissile & hydrothermally bleached. No sulphides. C.A. 60° @ 273.5, 60° @ 276.	10.2 NS		271.8	282.0						
282.0	294.8	Quartz sericite schist 25% pyrite, as 0.01 - 0.1' bands // schistosity 7 - 8% magnetite, 25% quartz, 5% Pb-Zn. C.A. 50° @ 228 & 293.5	6.0	090	282.0	288.0	6.0	2.1	3.8	0.32		
			6.8	091	288.0	294.8	6.8	1.8	2.8	0.62		

No.	From	To	Pb	Zn	Ag	No.	From	To	Pb	Zn	Ag
102	190	200	13.4	7.9	4.6	106	215	220	7.9	8.5	2.72
103	200	205	1.8	1.1	.62	107	220	225	13.8	14.5	4.56
104	205	210	11.0	6.5	4.18	108	225	230	12.0	12.4	3.84
105	210	215	13.2	12.3	.96	109	230	235	8.5	7.2	1.42
Spalding Rerun on Sludge #105,			13.2	12.3	4.32	Spalding rerun on #109,			8.5	7.2	2.80
						110	235	240	7.5	4.7	2.02

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

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LATITUDE _____ BEARING OF HOLE _____ STARTED _____

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ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Lead	Zinc	Silver	Copper	Gold
294.8	300.7	Sericite schist 10% quartz, vein quartz 295.3 - 296.0	5.0		294.8	300.7	N.S.					
		White bleached, talcy, core. No sulphides. C.A. 65° @ 297										
300.7	330.0	Quartz sericite schist 20% pyrite, 10% magnetite, 1% Pb-Zn. Numerous rusty quartz. Veinlets to 311. Calcite veinlets 314 - 316 sub-parallel to core.	5.3	092	300.7	306.0	5.3	Tr.	0.1	Tr.		
			5.0	093	306.0	311.0	5.0	Tr.	1.1	0.1		
			5.0	094	311.0	316.0	5.0	Tr.	1.2	0.1		
			5.0	095	316.0	321.0	5.0	Tr.	0.7	0.12		
			5.0	096	321.0	326.0	5.0	Tr.	0.6	0.02		
			3.7	097	326.0	330.0	4.0	1.3	2.4	Tr.		
330.0	334.7	Quartz sericite schist Unmineralized bleached talcy, soft.	No sample		330.0	334.7	No sample					
334.7	381.5	Quartz sericite schist 40% pyrite, 4% magnetite, 4% Pb-Zn, nearly massive sulphides from 342.1 - 348 & 358.5 - 365 with 10% magnetite. Small drag folds from 339.0 - 350.0. C.A. 50° @ 336, 55° @ 339, 55° @ 348, 65° @ 365, 65° @ 358, 75° @ 375, 30° @ 380.	5.3	098	334.7	340.0	5.3	1.5	1.1	0.32		
			2.1	099	340.0	342.1	2.1	0.3	Tr.	0.04		
			5.7	100	342.1	348.0	5.9	2.7	0.10	0.54		
			4.0	111	348.0	352.0	4.0	1.1	Tr.	.24		
			3.0	112	352.0	355.0	3.0	Tr.	0.7	.28		
			5.0	113	355.0	360.0	5.0	1.6	3.5	.30		
			5.0	114	360.0	365.0	5.0	1.9	1.8	.70		
			4.2	115	365.0	369.5	4.5	2.2	1.3	.74		
			5.0	116	369.5	374.5	5.0	1.4	0.1	.18		
			5.0	117	374.5	379.5	5.0	2.1	1.9	.66		
			2.0	118	379.5	381.5	2.0	Tr.	1.4	.50		
			Spalding Rerun on 118					1.1	1.2	.64		

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

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LATITUDE _____ BEARING OF HOLE _____ STARTED _____

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DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Lead	Zinc	Silver	Copper	Gold
381.5	393.0	Quartz sericite schist Grey-buff colored fine-grain 75% sericite,	5.1	119	381.5	387.0	5.5	Tr.	Tr.	Tr.		
		10% quartz, 1% magnetite, 3% pyrite in scattered bands. Less than 1/2%	6.0	120	387.0	393.0	6.0	Tr.	.1	Tr.		
		Pb-Zn. C.A. 55° @ 383, 50° @ 392										
393.0	408.0	Quartz sericite schist 15% pyrite, 40% pyrrhotite, 2 - 5% magnetite,	5.0	121	393.0	398.0	5.0	.1	.1	.22	.07	
		15% quartz, 0.15% Cu. Numerous small drag folds along length of core	5.0	122	398.0	403.0	5.0	.3	.5	.66	.22	
		2% Pb-Zn. C.A. 60° @ 400' & 407'	4.7	123	403.0	408.0	5.0	1.3	.1	.46	.30	
408.0	425.8	Quartz Sericite Schist:										
		Rock hard and brittle, 15% pyrite and 40% pyrrhotite replacement	5.0	124	408.0	413.0	5.0	.7	1.2	.80		
		occuring in bands varying from 0.005' to 0.05' in width. Pyrrho	5.0	125	413.0	418.0	5.0	.6	2.1	.08		
		highly magnetic, magnetite not visible. 20% quartz, 0.1% Cu occuring as small veinlets of chalcopyrite crossing bedding and filling fractures.										
		1 - 2% combined Pb - Zn occuring intermittently in spots and clusters.	5.0	126	418.0	423.0	5.0	.6	3.2	.62		
		C. A. 60 - 55° @ 414', 35° @ 424'	5.0	127	423.0	425.8	2.8	.3	Tr.	.58		
425.8	429.2	Massive Sulphides:										
		Rock hard, 40% highly magnetic pyrrhotite, 30% pyrite, 10% quartz,	3.2	128	425.8	429.2	3.4	6.4	7.1	1.60		
		10% combined Pb - An, probable magnetite. Galena and sphalerite occur in tiny bands and clusters, more closely associated with pyrrho than with pyrite. Minor chalco (less than 0.1% Cu) in tiny veinlets.										
		C. A. 30° @ 427'										

DIAMOND DRILL RECORD

LOGGED BY _____

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CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Lead	Zinc	Silver	Copper	Gold
429.2	433.0	Quartz Sericite Schist:										
		Soft, medium gray, highly fractured, intense movement. 30% quartz,	1.8		429.2	431.0						
		2% buff-colored carbonates. A few spots of pyrite and chalco.	1.0		431.0	433.0						
433.0	441.4	Quartz Sericite Schist:										
		Medium soft with many quartz veinlets varying from 0.1' to 0.5'	4.0		433.0	437.0						
		paralleling schistosity. No sulphides or magnetite.										
		C. A. Contorted, varying between 60° - 20°	3.8		437.0	441.4						
441.4	446.0	Quartz Sericite Schist:										
		Medium soft, 15% quartz, mixed buff and gray colored, 5% pyrite	4.6	129	441.4	446.0	4.6	.2	.7	.30		
		in thread-like bands, scattered spots and patches; 0.5% Pb-Zn occuring										
		in similar manner as pyrite.										
		C.A. contorted, varying from 25 - 50°										
446.0	448.2	Quartz Sericite Schist:										
		Medium gray, medium soft, 20% quartz, 2% pyrite in thread-like bands,	1.5		446.0	448.2						
		0.05' Pb-Zn @ 448.0'										
		C.A. = 60°										

DIAMOND DRILL RECORD

LOGGED BY _____

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LATITUDE _____ BEARING OF HOLE _____ STARTED _____

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ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Lead	Zinc	Silver	Copper	Gold
448.2	465.5	Quartz Sericite Schist:										
		Bleached to buff-white color, medium soft. 20% quartz containing	4.5		448.2	453.0						
		scattered and disseminated pyrite (3%), Pb-Zn (less then .5%)	5.5		453.0	458.5						
		Negligible magnetite, no chalco. Bedding contorted.	2.0		458.5	460.5						
		C.A. 55° @ 452', 60° @ 461', 10° @ 465'	5.0	130	460.5	465.5	5.0	Tr.	.6	.32		
465.5	474.2	Massive Sulphides:										
		Vuggy between 467.4 - 468.0'. 70% pyrite, 5% quartz, 12% Pb-Zn	3.5	131	465.5	469.0	3.5	5.7	6.6	1.84		
		occuring in irregular bands and disseminated, 2 - 3% magnetite,	5.2	132	469.0	474.2	5.2	5.4	4.8	1.20		
		no chalco.										
		C.A. 55° @ 467.8', 60° @ 472.0'										
474.2	476.5	Graphitic Sericite schist:										
		Rock shattered, irregular quartz, veinlets and pyrite bands.	2.3	133	474.2	476.5	2.3	.2	1.0	.22		
		5% graphite, 45% quartz and minor Pb-Zn mineralization.										
476.5	526.0	Graphitic Sericite Schist:										
		Medium gray to black, medium soft, compact except between footages										
		496 - 520.5'. Graphite/sericite ratio 4/6. 5% quartz, no sulphides										
		C.A. undulating bedding - 70° @ 478', 70° @ 486', 75° @ 489.5',										
		85° @ 495', 75° @ 506', 70° @ 519' and 72° @ 525.										

END OF HOLE

DIAMOND DRILL RECORD

LOGGED BY FRED CHOW

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

D.D.H. No. A-6 PAGE 1

LATITUDE 14,647.22 N. (59,744.07.) BEARING OF HOLE S. 31° 43' W. STARTED August 4th, 1965.

DEPARTURE ~~59,849.83 E.~~ DIP OF HOLE -60° COMPLETED

ELEVATION 3,537.10 ft. DIP TESTS @ 200 feet -60° 15' DEPTH 257.5

CLAIM No.

DIRECTION AND DISTANCE FROM NE. CLAIM POST

CASING: NX 0 - 10 ft; BX 0 - 50 ft; AX 0 - 75 ft.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	RECOVERY From	RECOVERY To	RECOVERY Feet	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Ozs/T Gold	ASSAY Ozs/T Silver	ASSAY Lead %	ASSAY Zinc %	ASSAY Copper
0	78.5	OVERBURDEN: containz boulders or pebbles of massive	78.5	79.0	0.5									
		pyrite in the 35-50 ft. interval plus pebbles of pyritized sericite schist; occasional granite	79.0	80.0	0.3									
78.5	90.0	boulders. 20% pyrite in sericite schist.	80.0	81.0	0.8									
90.0	100.0	GRAPHITIC SCHIST: 10% pyrrhotite; 60° core Angles.	81.0	83.0	0.8									
100.0	101.5	BLEACHED SERICITE SCHIST: 60° core angles.	83.0	85.0	0.8									
101.5	103.0	MASSIVE PYRITE: no base metals.	85.0	87.0	0.8									
103.0	107.8	30% pyrite in bleached sericite schist; 50° core angles.	87.0	90.0	0.7									
107.8	143.0	10% pyrite in chloritized sericite schist; occasional	90.0	92,0	1.6									
		2" massive pyrite seams; 43° core angles to 135 ft. and then 55° core angles.	92.0	95.0	1.6									
143.0	151.0	30 - 40% pyrite in masses, blobs, and bands in	95.0	97.0	1.2	Sludge) 997	140.0	150.0	10.0		0.48	0.1	0.5	
		oxidized sericite schist; minor Pb-Zn; 55° core angles.	97.0	100.0	1.5									
151.0	160.0	NO CORE.	100.0	101.5	0.8	Sludge) 998	150.0	160.0	10.0		0.28	0.1	0.6	
160.0	163.5	50% in oxidized schist; pyrite occurs in very small	101.5	104.7	3.0	999	160.0	163.5	3.5		0.76	2.2	3.6	
		bands and clusters; 5-6% combined Pb-Zn; core ground and pebbled.	104.7	108.0	1.4									
163.5	165.0	35% pyrite; 50% silicification in highly oxidized	108.0	112.0	0.2	1000	163.5	166.0	2.5		0.52	2.8	3.7	
		sericite schist; bands and clusters of Pb-Zn; 4% Pb-Zn; core 30% pebbly and ground.	112.0	113.5	0.9									
			113.5	114.0	0.1									

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-6 PAGE 2

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS ____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	RECOVERY From	RECOVERY To	RECOVERY Feet	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Lead %	ASSAY Zinc %	ASSAY Copper
165.0	166.0	15% Pyrite; 25% magnetite in bands; 40% silicification	114.0	118.5	2.5									
			118.5	121.0	0.8									
		in sericite schist; 1 - 2% Pb-Zn (maybe more Zn);	121.0	124.0	0.9									
		70 - 75° Core Angles.	124.0	126.0	0.9									
			126.0	127.5	0.6									
166.0	184.7	QUARTZ SERICITE SCHIST: Magnetite 20% and pyrite 10-20%	117.5	128.8	0.4	006	166.0	171.0	5.0		0.84	6.0	4.8	
		occur in masses and bands, also in irregular patterns.	128.8	129.0	0.4									
		Pb and Zn (6-7% combined) occur in masses, bands and blebs.	129.0	131.0	0.9	007	171.0	176.0	5.0		1.14	7.0	5.9	Trace
		Chalcopyrite (0.4% Cu) occurs in veinlets, crossing	131.0	133.5	1.6									
		formation, nearly uniformly throughout core. 3%	133.5	135.0	0.3	008	176.0	181.0	5.0		2.52	1.1	4.1	0.15
		oxidation along fractures between footages 166-174 ft.	135.0	137.0	0.6									
		Core Angle = 70°. though not prominent.	137.0	139.5	0.7	009	181.0	184.7	3.7		4.14	14.2	5.7	0.15
			166.0	171.0	5.0	* FOR CORE RECOVERY BETWEEN								
184.7	194.0	QUARTZ SERICITE SCHIST: 40% pyrite replacement of	171.0	176.0	5.0	189.5' - 166.0' See page 5 of this log								
		sericite schist occur in bands. Magnetite (10%) occur	176.0	181.0	3.5									
		in bands and disseminated. Pb and Zn (2-3% combined)	181.0	182.5	0.8	010	184.7	190.0	5.3		1.22	6.7	4.5	
o		occur throughout core. 1% oxidation between 184.7 to	182.5	187.5	1.8									
		188 ft. Core Angles = 65°.	187.5	190.0	2.0	050	190.0	194.0	4.0		0.36	0.1	1.0	
			190.0	194.0	3.2									
		SLUDGE SAMPLE # 064 180 - 190 ft.												
		SLUDGE SAMPLE # 065 190 - 200 ft.												
194.0	207.0	MASSIVE SULPHIDE: Banded pyrite (50%), magnetite (20%),	194.0	197.0	3.0	051	194.0	197.0	3.0		2.96	4.7	4.1	
		sphalerite and galena (8-10% combined Pb-Zn). Above												
		minerals also occur in clusters.. Bands slightly wavy.	197.0	203.0	1.7	052	197.0	203.0	6.0		2.60	3.2	6.4	
		2% oxidation along seams and fractures.												
		CORE ANGLE = 45°.	203.0	208.0	1.0	053	203.0	208.0	5.0		3.72	2.2	7.6	
		(Core from 197 - 208 ft. ground to pebbles.)												
		SLUDGE SAMPLE # 066 200 - 210 ft.												

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____ D.D.H. No. A-6 PAGE 3

LATITUDE _____ BEARING OF HOLE _____ STARTED _____ CLAIM No. _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____ DIRECTION AND DISTANCE FROM

ELEVATION _____ DIP TESTS _____ DEPTH _____ NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	RECOVERY From	RECOVERY To	RECOVERY Feet	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Lead %	ASSAY Zinc %	ASSAY Copper
207.0	211.5	QUARTZ SERICITE SCHIST: 30% pyrite replacement in undulating bands, 3 - 5% magnetite, (3-5% combined) Pb-Zn occur as disseminations and in streaks. 80% oxidized. CORE ANGLE = 25°.	208.0	211.5	1.5	054	208.0	211.5	3.5'		1.36	1.2	5.5	
211.5	217.5	MASSIVE PYRITE: Pb-Zn (1-2% combined) in streaks, also disseminated. 90% oxidized and leached. Bands undulating between 5° - 10° to core.	211.5	217.5	2.7	055	211.5	217.5	6.0		1.20	1.2	6.3	
217.5	226.0	MASSIVE SULPHIDES: Banded sulphides and magnetite, 50% pyrite, 10 - 15% mag., 8 - 10% Pb-Zn combined, cluster of chalcopyrite and 2% carbonates. 5% oxidation along seams and fractures, higher (25%) oxidation between 220 - 226 ft., forming limonitic bands. CORE ANGLE = 50°.	217.5	220.0	0.4	056	217.5	220.0	2.5		1.88	1.5	6.7	
			220.0	226.0	0.4	057	220.0	226.0	6.0		2.20	2.30	7.00	0.07
226.0	228.0	QUARTZ - SULPHIDES: Disseminated sulphides in quartz matrix. 50% pyrite, 8 - 10% combined Pb-Zn, minor magnetite.	226.0	228.0	0.3	058	226.0	228.0	2.0		2.44	0.70	7.40	0.15
228.0	234.0	MASSIVE SULPHIDES: Banded pyrite (30%), sphalerite, galena and magnetite (5%). Band appear not to be uniform in widths. Pb-Zn (15%) combined mineralization	228.0	242.0	2.2	059	228.0	234.0	6.0		2.04	10.50	9.20	0.18

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A-6 PAGE 4

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	RECOVERY From	RECOVERY To	RECOVERY Feet	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY Lead %	ASSAY Zinc %	ASSAY Copper
		concentrated in bands, also masses and disseminated.												
		10 - 15% oxidation along bands and fractures and where high percentage of pyrite oxidation is 60% and show vugs and open seams.												
234.0	243.0	QUARTZ SERICITE SCHIST: 30% pyrite replacement of sericite schist. Pb-Zn (6 - 8% combined) occur in bands with the pyrite and also with the quartz.				060	234.0	242.0	8.0		4.22	5.10	9.40	0.01
		8% oxidation along fractures. CORE ANGLE = 30° - 55°.	242.0	244.0	1.6	061	242.0	243.0	1.0		1.28	2.90	6.20	0.07
243.0	252.5	QUARTZ - GRAPHITE (?) SCHIST: 40 - 60% pyrite	244.0	248.0	3.8	062	243.0	248.0	5.0		0.44	1.10	3.20	Tr.
		replacement, 30% quartz. 5% graphite in hair-like foliation to ¼" wide dark, often slightly wavy bands.	248.0	250.0	1.5	063	248.0	252.5	4.5		0.94	2.80	3.60	0.03
		Minor magnetite. Pb-Zn (2% combined) in bands, clusters and blebs, not uniformly mineralized.	250.0	252.5	2.4									
		Massive pyrite at 244 ft. (6"), 246 ft. (6"), 249 ft. (3"), and 250 ft. (2"), which is more mineralized with Pb-Zn. CORE ANGLE = 50 - 45°				(Sludge) 064	180.0	190.0	10.0		2.10	7.10	5.20	
		This hole could not be continued due to caving ground.				(Sludge) 065	190.0	200.0	10.0		1.92	3.10	4.90	
						(Sludge) 066	200.00	210.0	10.0		2.22	1.00	6.00	
	257.5	BOTTOM OF HOLE (5 ft. of core still in hole).												

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____ D.D.H. No. A-6 PAGE 5

ATITUDE _____ BEARING OF HOLE _____ STARTED _____ CLAIM No. _____

EPARTURE _____ DIP OF HOLE _____ COMPLETED _____ DIRECTION AND DISTANCE FROM

LEVATION _____ DIP TESTS _____ DEPTH _____ NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY
		NOTE: Cave at footages 169 ft. and 197 - 242 ft.					
		Lost Water at 110 ft., also from 197 ft. down.					
		Cemented at 217 ft. (okay) and 226 ft. (3 times - did not seal cave or give water return).		(Continued From Page 2 As Indicated)			
		NOTE: 10 ft. AXT core barrel in hole with 5 ft. of core, 8 ft. from bottom.			RECOVERY From	To	Feet
		220 ft. "A" Rods in hole, 18 ft. from bottom.			139.5	141.0	0.5
		15 ft. "E" Rods in hole, 1 ft. above collar.			141.0	145.5	1.5
		70 ft. AX casing in hole 2 ft. below surface (5' unscrewed off).			145.5	147.5	0.6
		40 ft. BX casing in hole 10 ft. below collar and broken off.			147.5	151.0	0.5
		10 ft. NX casing in hole, sank out of sight.			151.0	160.0	0.0
		(Rods would not come up by hammering, sanded in too tight			160.0	163.5	1.0
		(by cuttings and cave material.			163.5	165.0	0.7
		(AX and BX casing sanded together - no stuffing put in to (prevent sludge from running down between the two casings.			165.0	166.0	0.5
		(NX casing sank into ground - no clamps attached to it.					

DIAMOND DRILL RECORD

LOGGED BY D. McRae, W. M. Sirola — Kerr Addison Mines Limited.

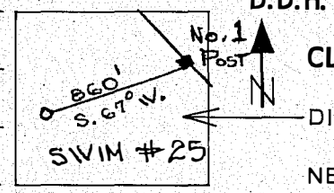
PROPERTY Swim Lakes "A" Group, Y.T. (Y-5)

D.D.H. No. A-4 PAGE 1

LATITUDE 14,548.70 N. BEARING OF HOLE S. 33°19' W assumed STARTED June 26th, 1965.

DEPARTURE 59,917.55 E DIP OF HOLE -60° COMPLETED July 14th, 1965.

ELEVATION 3,538.40 DIP TESTS DEPTH 552 ft.



CLAIM No. Swim #25

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Recovery From	Recovery To	Recovery Feet
0.0	51.0	Overburden - boulder gravel and sand interbedded, boulders quartz porphyry and graphite schist.	50.0	53.0	1.6
			53.0	55.0	0.8
51.0	101.0	Sericite Schist:	55.0	57.0	2.0
		51 - 101 Rusty. Core recovered in short runs only.	57.0	58.0	0.8
		69 - 71; 77 - 78; 83 - 84 and 88 - 89 Vein Quartz.	58.0	60.5	2.0
		57 - 58.5 2% Pb., as 1/8" - ¼" bands parallel to schistosity	60.5	63.5	1.2
		58.5 - 63.5 15% pyrite with 1% Pb., 3% Cu., 1% Zn.	63.5	68.0	2.0
		63.5 - 89 - 93 Low Pyrite (3-5%) Very rusty and disintegrated.	68.0	72.0	2.6
		Average core angles 45°. Section contains numerous small plications or drag folds.	72.0	77.0	0.9
			77.0	81.0	1.0
101.0	149.5	Sericite Schist:	81.0	83.0	1.2
		Relatively free of oxidation; core recovery improving; average core angles 45 - 50°.	83.0	86.0	1.4
		119.5 - 121 minor galena, sphalerite and chalcopyrite occurring with vein quartz.	86.0	90.0	3.5
		Mud seam at 136.5, 4" of quartz containing irregular clots of magnetite right below.	90.0	93.0	0.2
		Core Angles at 140. - 60°.	93.0	99.0	3.5
149.5	159.0	Graphitic schist: Black, locally fissile. 30% thin (1/8") quartz laminae. 20% pyrite. Average core angle 60°. 2% Pb; 2% Zn; 0.2 Cu.	99.0	105.0	2.7
			105.0	110.0	2.0

SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Gold Ozs/T.	Silver Ozs/T.	Lead	Zinc	Copper
910	150.0	154.0	4.0	Trace	0.48	2.0	2.4	0.07
911	154.0	159.0	5.0	Trace	0.44	1.8	2.9	0.05
912	193.0	198.0	5.0		1.24	6.4	9.2	0.22

DIAMOND DRILL RECORD

LOGGED BY D. McREA, W.M. SIROLA — KERR ADDISON MINES LIMITED

PROPERTY SWIM LAKES "A" GROUP, Y.T. (Y-5)

D.D.H. No. A-4 PAGE 2

LATITUDE 14,548.70 N. BEARING OF HOLE S. 33°19' W assumed STARTED June 26th, 1965.

DEPARTURE 59,917.55 E. DIP OF HOLE - 60° COMPLETED July 14th, 1965.

ELEVATION 3,538.40 DIP TESTS DEPTH 552 ft.

CLAIM No. Swim #25.

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
159.0	193.0	Sericite Schist: Thinly laminated grey to buff.
		159.0 - 163.0: Intense drag folding.
		163.0 - 163.5: Vein Quartz.
		163.5 - 163.8: 30% magnetite as clots; 40% pyrite as bands parallel to schistosity.
		163.8 - 167.0: Replaced by 30% pyrite.
		167.0 - 170.0: 30% pyrite.
		170.0 - 178.0: Difficult coring; 2" vein quartz at 170.0 - 175.5; core in rusty fragments only.
		178.0 - 185.9: Pale to buff schist with occasional vein quartz; 5% pyrite (irregular bands); traces of chalcopyrite; local drag folding.
		185.9 - : Rusty schist with massive pyrite replacement between 185.9 - 188.0
		Core Angles: 165.0 - 60°; 170.0 - 60°; 179.0 - 50°; 190.0 - 60°.
193.0	219.0	Massive pyrite: 80% replacement. 6% Pb. and Zn; 0.3% Cu.
		Core Angles: 198.0 - 45°; 201.0 - 60°; 209.0 - 70-75° 214.0 - 60°.
219.0	225.5	Pale to buff sericite schist: brecciated and recemented with calcite from 220.0 - 222.0; 15% pyrite as sporadic 1/8" - 2" bands; 2-3% Pb. and Zn.
		Core Angles: 225.0 - 70°.
225.5	227.5	70% replacement of sericite schist by pyrite. 8% Pb. and Zn. Prominent drag folding in last 12"

From	To	Feet	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Gold Ozs/T.	Silver Ozs/T	Lead	Zinc.	Copper
110.0	113.0	3.0	913	198.0	203.5	5.5		1.08	4.5	8.1	0.07
113.0	116.5	2.3	914	203.5	206.0	2.5		0.50	1.3	2.5	0.18
116.5	119.5	1.4	915	206.0	211.0	5.0	0.01	0.84	1.8	0.7	0.22
119.5	127.5	8.0	916.	212.0	219.0	7.0		0.92	3.0	4.3	0.15
127.5	133.5	5.0	917	219.0	225.5	6.5		0.24	0.4	0.4	0.07
133.5	142.0	6.0	918	225.5	227.5	2.0		1.64	5.8	5.0	0.07
142.0	150.0	2.3	919	227.5	229.0	1.5		0.18	0.3	0.2	0.07
150.0	152.0	1.4	920	229.0	231.5	2.5		2.64	7.3	5.5	0.05
152.0	157.0	2.3	921	235.0	237.0	2.0		1.84	4.6	4.1	0.10
157.0	158.0	1.0	922	237.0	240.0	3.0	Trace	Trace	Trace	0.7	0.02
158.0	159.0	1.0	923	240.0	241.5	1.5		1.08	3.1	2.8	0.07
159.0	160.5	1.5	924	241.5	244.0	2.5	Trace	0.14	0.1	0.4	0.06
160.5	165.0	3.6	925	244.0	249.0	5.0		0.88	1.5	1.7	0.22
165.0	175.5	5.4	926	249.0	254.0	5.0		0.68	1.1	0.8	0.22
175.5	178.0	1.7	927	254.0	259.0	5.0		0.20	0.1	0.2	Trace
178.0	186.0	4.5	928	259.0	264.0	5.0		0.14	0.1	0.3	Trace
186.0	188.0	1.0	929	264.0	269.0	5.0		0.18	0.2	0.3	Trace

DIAMOND DRILL RECORD

LOGGED BY D. McREA , W. M. SIROLA

KERR ADDISON MINES LIMITED

PROPERTY SWIM LAKES "A" GROUP° Y.T. (Y-5)

D.D.H. No. A-4 PAGE 3

LATITUDE 14,548.70 N. BEARING OF HOLE S. 33°19' W assumed STARTED June 26th, 1965.

DEPARTURE 59,917.55 E. DIP OF HOLE -60° COMPLETED July 14th, 1965.

ELEVATION 3,538.40 DIP TESTS DEPTH

CLAIM No. Swim #25

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
227.5	228.5	Sericite Schist: Pale, unmineralized, numerous calcite veinlets.
228.5	231.5	Massive Pyrite: 10% Pb. and Zn., Core angles: 231.0 - 60°
231.5	245.0	Sericite schist with bands of massive pyrite from 234.7 - 235.2; 235.7 - 236.5; 239.9 - 241.5. 2% Pb. and Zn; Core angles: 234.0 - 60°; 240.0 - 60°
245.0	279.0	Massive pyrite, fine grained to very fine grained. 252.5 - 256.0 Extensive leaching. 256.0 - 279.0 15-20% dolomite clots and veinlets. Core Angles: 245.0 - 60°.
		245.0 - 251.5 10% Pb. and Zn., minor Cu. 251.5 - 279.0 Minor Pb., Zn., Cu. Core Angles: 272.0 - 60°; 276.0 - 45°.
		Where much dolomite present, only minor amounts of base metals visible.
279.0	314.0	Massive sulphides: 60% fine grained pyrite; 20% quartz; 8% Pb. and Zn; 10% magnetite as thin bands following schistosity; 0.4% Cu; Pb. and Zn. occurs as 1/8" - 3/8" bands following original banding and schistosity (?) of the replaced rock, very prominent drag folding from 289 - 297; siliceous matrix obviously better than dolomite. Core Angles: 283.0 - 40°; 286.0 - 50°; 292.0 - 60°; 299.0 - 75°; 304.0 - 0°; 307.0 - 50°; 310.0 - 60°.

Recovery From	Recovery To	Feet	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	Gold Ozs/T	Silver Ozs/T	ASSAY Lead	ASSAY Zinc	ASSAY Copper
188.0	193.0	3.0	930	269.0	274.0	5.0		0.18	0.1	0.2	Trace
193.0	203.5	2.5	931	274.0	279.0	5.0		0.34	0.1	0.5	Trace
203.5	206.0	2.5	932	279.0	284.0	5.0		1.40	0.4	4.4	0.15
206.0	211.0	4.2	933	284.0	289.0	5.0		1.88	0.8	5.8	0.20
211.0	212.0	0	934	289.0	294.0	5.0		1.34	0.5	3.6	0.15
212.0	215.0	2.5	935	294.0	299.0	5.0		1.44	0.6	5.4	0.12
215.0	217.0	1.5	936	299.0	304.0	5.0		1.44	1.4	5.8	0.21
217.0	221.0	2.8	937	304.0	309.0	5.0		1.80	1.5	8.4	0.15
221.0	226.0	3.8	938	309.0	314.0	5.0		1.10	2.1	2.9	0.15
226.0	230.0	3.9	939	314.0	320.0	6.0		0.14	0.3	0.6	0.22
230.0	235.0	5.0	940	320.0	325.0	5.0		0.54	1.2	1.3	0.40
235.0	240.5	5.0	941	325.0	330.0	5.0		0.24	0.3	1.1	0.50
240.5	246.0	4.8	942	330.0	335.0	5.0		0.54	1.4	1.3	0.45
246.0	251.5	3.8	943	335.0	340.0	5.0		0.14	Trace	1.1	0.15
251.5	258.0	5.0	944	340.0	345.0	5.0		0.40	0.1	1.1	0.45
258.0	261.5	2.2	945	345.0	350.0	5.0		0.28	0.2	1.0	0.40
261.5	263.0	1.5	946	350.0	355.0	5.0		0.24	0.1	1.0	0.45

DIAMOND DRILL RECORD

LOGGED BY D. McRae, W. M. Sirola — Kerr Addison Mines Limited.

PROPERTY Swim Lakes "A" Group, Y.T. (Y-5)

D.D.H. No. A-4 PAGE 4

LATITUDE 14,548.70 N. BEARING OF HOLE S. 33°19' W assumed. STARTED June 26th, 1965.

DEPARTURE 59,917.55 E. DIP OF HOLE -60° COMPLETED July 14th, 1965.

ELEVATION 3,538.40 DIP TESTS DEPTH

CLAIM No. Swim #25

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Recovery From	Recovery To	Recovery Feet	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Gold Ozs/T.	ASSAY Silver Ozs/T.	ASSAY Lead	ASSAY Zinc	ASSAY Copper
314.0	374.0	60% Pyrite: unreplaced matrix largely siliceous and occurring as ¼" - 4" wavy bands. This section higher in chalcopyrite but lower in Pb and Zn. 5% magnetite parallel to original schistosity. 6" band of green chromium mica at 320.0. Chalcopyrite occurs as blebs, streaks and clots and (and) is obviously post-pyrite and often parallel or at acute angles to core. Grade estimate 0.5% Cu. 342.0 - 365.0: Occasional veinlets of Pyrrhotite. 355.0 - 362.0: Prominent dragging with drag axes 60° to core and parallel to schistosity, 12 drags per foot. In this section where galena occurs, it is frequently associated with narrow bands of magnetite. Core Angles: 315.0 - 45°; 322.0 - 45° to 0° to 40°, i.e. very prominent drag folding with axes perpendicular to core; 334.0 - 50°; 335.0 - 0°; 336.0 - 45°; 343.0 - 45°; 366.0 - 60° 371.0 - 65°.	263.0	268.0	5.0	947	355.0	360.0	5.0		0.34	1.8	1.8	0.33
			268.0	278.0	10.0	948	360.0	365.0	5.0		0.24	0.1	1.0	0.55
			278.0	288.0	10.0	949	365.0	370.0	5.0		0.24	0.2	1.2	0.50
			288.0	298.0	10.0	950	370.0	375.0	5.0		0.37	1.4	1.7	0.32
			298.0	307.0	9.0	951	375.0	380.0	5.0		0.94	3.9	5.3	Trace
			307.0	317.0	9.0	952	380.0	385.0	5.0		1.18	5.2	3.1	0.37
			317.0	327.0	10.0	953	385.0	390.0	5.0		0.94	4.1	3.5	0.30
			327.0	337.0	10.0	954	390.0	395.0	5.0		1.20	4.7	5.1	0.18
			337.0	347.0	10.0	955	395.0	400.0	5.0		0.68	2.3	2.3	0.30
			347.0	353.0	5.0	956	400.0	405.0	5.0		0.58	1.6	1.1	0.37
			353.0	362.5	9.0	957	405.0	410.0	5.0	0.01	0.36	2.1	1.4	0.30
			362.5	366.0	3.5	958	410.0	415.0	5.0	0.01	0.64	2.6	2.5	0.22
374.0	404.0	Massive Sulphides: 70% replacement by pyrite. 8-10% Pb. and Zn; 0.3% - 0.5% Cu. 379.0 - 381.0 Prominent drag folding; contains ⅛" - ¼" bands of black carbonaceous undulating along length of core. 398.0 - 403.0 10% magnetite as 1/16" - ⅛" bands parallel to schistosity. Chalcopyrite as 1/16" - ⅛" short veinlets and clots. Core Angles: 386.0 - 45°; 395.0 - 45°; 398.0 - 50° 405.0 - 50°.	366.0	376.0	10.0	959	415.0	420.0	5.0	0.02	0.58	1.3	3.3	0.07
			376.0	386.0	10.0	960	420.0	425.0	5.0	0.01	0.34	2.5	1.5	0.07
			386.0	396.0	10.0	961	425.0	430.0	5.0	0.01	1.44	4.4	7.2	0.07
			396.0	406.0	10.0	962	430.0	435.0	5.0	0.01	1.60	5.0	1.1	Trace
			406.0	413.0	6.0	963	435.0	440.0	5.0	0.01	2.04	7.7	0.3	0.07

DIAMOND DRILL RECORD

LOGGED BY D. McRae, W. M. Sirola. Kerr Addison Mines Limited

PROPERTY Swim Lakes "A" Group, Y.T. (Y-5)

D.D.H. No. A-4 PAGE 5

LATITUDE 14,548.70 N. BEARING OF HOLE S. 33°19' W. assumed. STARTED June 26th, 1965.

DEPARTURE 59,917.55 E. DIP OF HOLE - 60° COMPLETED July 14th, 1965.

ELEVATION 3,538.40 DIP TESTS DEPTH

CLAIM No. Swim # 25

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Recovery From	Recovery To	Recovery Feet	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Gold Ozs/T.	ASSAY Silver Ozs/T.	ASSAY Lead	ASSAY Zinc	ASSAY Copper
404.0	410.0	50% pyrite replacing quartz sericite schist; pyrite normally parallel to schistosity but occasionally warps around augen; 0.4% Cu., Low Pb. and Zn.	413.0	423.0	10.0	964	440.0	445.0	5.0	0.01	1.74	1.8	6.6	0.22
			423.0	433.0	10.0	965	445.0	450.0	5.0	Trace	2.04	2.7	5.3	0.25
		Average Core Angles: 50°.	433.0	443.0	10.0	966	450.0	455.0	5.0	0.02	0.92	0.6	2.9	0.30
410.0	413.0	Probable fault zone ; bleached, brecciated slickensided sericite schist; post-mineral.	443.0	453.0	10.0	967	455.0	460.0	5.0	0.01	1.64	1.1	5.7	0.22
			453.0	463.0	10.0	968	460.0	465.0	5.0	0.03	1.50	1.6	3.6	0.30
413.0	419.0	70% pyrite replacement of quartz sericite schist. 10% Pb. and Zn., 0.3% Cu.	463.0	472.0	9.0	969	465.0	470.0	5.0	0.03	1.52	1.5	4.9	0.15
		Core Angles: 414.0 - 50°; 418.0 - 45°;	472.0	476.5	1.8	970	470.0	472.0	2.0	0.04	2.00	2.5	4.0	0.17
419.0	472.0	Massive Sulphides: 70% pyrite; 10-15% Pb. and Zn; 0.2% Cu; 10% magnetite as 1/8" - 3/8" bands parallel	476.5	482.0	5.5	971	532.0	535.0	3.0	0.005	0.08	Trace	0.1	0.05
		to schistosity; more dissemination of Pb and Zn than	482.0	486.0	2.5	972	550.5	551.0	0.5	0.04	2.94	6.2	10.5	Trace
		any previous core. 457.0 - 459.0: Prominent dragging, drag axes 60°	486.0	493.0	2.4									
		to core. Core Angles: 425.0 - 50°; 430.0 - 60°; 441.0 - 45°;	493.0	502.0	8.5									
		443.0 - 45°; 448.0 - 45°; 450.0 - 45°; 463.0 - 60°; 470.0 - 70°; 472.0 - 60°.	502.0	512.0	9.5									
472.0	476.0	Sericite-quartz-chlorite-talc schist: Light to medium grey; 20% replacement by sulphides, primarily pyrite	512.0	514.5	1.3									
		and sphalerite. Sulphides occur as irregular	514.5	523.0	7.5									
		replacement along 1/4" - 1/2" bands.	523.0	532.0	7.5									
			532.0	542.0	7.0									
			542.0	552.0	8.0									

DIAMOND DRILL RECORD

LOGGED BY D. McRae, W. M. Sirola

Kerr Addison Mines Limited

PROPERTY Swim Lakes "A" Group, Y.T. (Y-5)

D.D.H. No. A-4 PAGE 6

LATITUDE 14,548.70 N. BEARING OF HOLE S. 33°19' W. assumed STARTED June 26th, 1965.

DEPARTURE 59,917.55 E. DIP OF HOLE - 60° COMPLETED July 14th, 1965

ELEVATION 3,538.40 DIP TESTS DEPTH

CLAIM No.

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Recovery From	Recovery To	Recovery Feet	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY
476.0	552.0	Graphite schist: Dark grey to black, finely banded.								
		477.5: 6" quartz vein bordered by 4" sericitic schist.								
		479.0: 3/4" quartz-sulphide band. 481.0: 4" siliceous sulphide.								
		Within the sulphide bands Pb. and Zn., approximately 10%.								
		532.0 - 535.0: 50% fine grained massive pyrite in schistosity.								
		550.5 - 551.0: 5" of 90% very fine grained massive pyrite.								
		Core Angles: 477.0 - 50°; 479.0 - 65°; 484.0 - 50°; 492.0 - 75°; 496.0 - 65°; 498.0 - 60°; 501.0 - 50°; 504.0 - 75°; 510.0 - 45°; 515.0 - 70°; 520.0 - 60°; 525.0 - 70°; 541.0 - 60°; 550.0 - 60°.								

DIAMOND DRILL RECORD

LOGGED BY DAVID McRAE — KERR ADDISON MINES LIMITED, 6

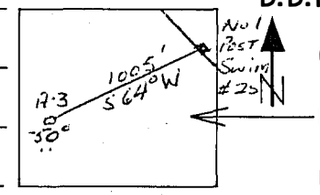
PROPERTY SWIM LAKES "A" GROUP, Y.T. (Y-5)

D.D.H. No. A-3 — PAGE 1

LATITUDE 14,500.14 N. — BEARING OF HOLE - — STARTED June 20th, 1965.

DEPARTURE 59,801.59 E. — DIP OF HOLE -90° — COMPLETED June 23rd, 1965.

ELEVATION 3,559.52 — DIP TESTS - — DEPTH 113



CLAIM No. SWIM # 25.

DIRECTION AND DISTANCE FROM ✓ NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Recovery From	Recovery To	Recovery Feet	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY
0	14	Frozen, boulder overburden.								
14	18	Bedrock debris in situ (C-horizon); chips of graphite schist.	18	20	1.2					
			20	26	0.8					
18	43	Graphite schist:	26	31	1.2					
		34 -39 Sericitic graphite schist with some rust - core angles 70-90°. Some dragging.	31	34	1.0					
			34	43	4.0					
43	94	Rusty-white sericite schist, very "rotten", shattered	43	48	4.0					
		core angles appear to stay between 70° and 90°. Minor sulphides at 48 - 52, some magnetite, pyrite galena;	48	58	3.0					
		possibly chalcocite (??) mineralization approximately 20% but it shows sporadically down to 68.5; low	58	68.5	5.0					
		core recovery prevents closer placing. 68.5 - 94 No mineralization seen in core.	68.5	84	0					
94	95	3' of pyritized fine-grain quartz porphyry.	84	88	2.5					
95	113	No core recovered.	88	97	0.8					
			97	113	0					
		HOLE LOST IN SAND.								

DIAMOND DRILL RECORD

Rec'd June 28/65

LOGGED BY WILLIAM M. SIROLA AND DAVID McRAE

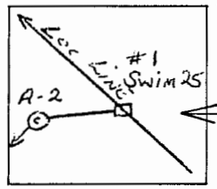
PROPERTY KERR ADDISON MINES - SWIM LAKES "A" GROUP (Y-5)

D.D.H. No. A-2 PAGE 1

LATITUDE 14,517.00 N. BEARING OF HOLE S.33°19' W. STARTED June 6th, 1965.

DEPARTURE 60,013.00 E. DIP OF HOLE -60°. COMPLETED June 14th, 1965.

ELEVATION 3535.05 DIP TESTS ____ DEPTH 240 ft.



CLAIM No. SWIM # 25

DIRECTION AND DISTANCE FROM #1 post of Swim #25.

~~XMEX~~ CLAIM POST ~~S 75° W. - 1080 ft~~ S 60°W - 810 ft.

Casing 0 - 18 BX, 0 - 52 AX, Cemented from 52 - 79.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	~~SAMPLE~~ XMEX	Core Recovery.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY
0	58.0	Overburden with occasional boulders of quartz porphyry and vein quartz. Depth of permafrost not accurately known but may be up to 50 ft.						
58.0	78.0	Rusty, weathered, quartz sericite schist and caved gravel.	58 - 64	3.3				
78.0	118.0	Quartz sericite schist with 5% pyrite in small drag folds and parallel to schistosity. Core ∠'s 30-45°. Minor amounts of soft, silver-grey material from 116 - 117 ft. 3% magnetite from 116 - 118 ft. Core ∠'s 30-45°.	64 - 78	2.4				
			78 - 83	2.4				
			83 - 88	4.8				
			88 - 90	1.5				
			90 - 96	6.0				
			96 - 102	6.0				
118.0	127.0	Ground core. Only 12" recovered. Sericite schist pyritized. Last 0.2 ft. is massive pyrite.	102 - 112	10.0				
			112 - 118	5.0				
			118 - 127	1.0				
			127 - 129.5	2.5				
127.0	141.5	Quartz sericite schist.	129.5 - 137	7.5				
			137 - 141.5	4.5				
		127.0 - 129.5: 10% pyrite along schist planes. 2" of massive pyrite at end containing minor later chalcopyrite. Core ∠'s 50-60°.	141.5 - 144	2.0				
			144 - 145	1.0				
			145 - 147	1.5				
			147 - 150	3.0				
		129.5 - 141.5: 15% pyrite and 3% magnetite. Massive pyrite from 129.5 - 131.0 and from 140.0 - 141.0 ft. vein quartz from 132.5 - 133.0. Core ∠'s 45-60°.	150 - 158	8.0				
			158 - 167	8.0				
			167 - 177.5	6.0				
			177.5 - 179	1.5				
			179 - 181.5	1.2				
141.5	147.0	60 - 70% pyrite replacing quartz sericite schist. Minor Cu and Zn at 145.5. Core ∠'s 50°.	181.5 - 183.5	1.2				
			183.5 - 194	10.1				
			194 - 196	2.0				
147.0	177.5	Quartz sericite schist. 5 - 10% fine pyrite as 1/8" - ¼" bands parallel to schistosity. 3" vein quartz at 166.7. Core ∠'s 45 - 60°.	196 - 201.5	3.6				
			201.5 - 204	2.0				

DIAMOND DRILL RECORD

LOGGED BY WILLIAM M. SIROLA AND DAVID McRAE.

PROPERTY KERR ADDISON MINES - SWIM LAKES "A" GROUP (Y-5)

D.D.H. No. A-2 PAGE 2

LATITUDE 14,517.00 N. BEARING OF HOLE S. 33°19' W STARTED June 6th, 1965.

DEPARTURE 60,013.00 E. DIP OF HOLE -60° COMPLETED

ELEVATION 3535.05 DIP TESTS DEPTH

CLAIM No. SWIM # 25

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY Au Ozs/T.	Ag Ozs/T	Lead	Zinc	Copper
177.5	181.5	Cream-coloured quartz sericite talc (?) schist with 2% pyrite.									
		Core ∠'s 45°.									
181.5	183.5	Quartz sericite schist. 40% fine pyrite. Water course at 183.0									
		provides adequate water for drilling. This flow ultimately increased to 400 gallons per hour.									
183.5	194.0	Quartz chlorite sericite schist.	876	193'	196'	3'		.60	1.3	0.2	.07
		183.5 - 188.5 : 10% pyrite and 5% magnetite. 188.5 - 189.5 : Massive pyrite and 10% magnetite.	877	196'	201'	5'		.40	2.0	0.55	.07
		191.5 : 30% pyrite and 3% magnetite. 191.5 - 194.0 : Massive pyrite and 10% magnetite and occasional	878	201'	204'	3'		.52	0.6	1.25	.22
		small chalcopyrite veinlets and blebs of galena.	879	204'	208'	4'		.44	0.1	1.1	.63
194.0	196.0	70% pyrite in sericite schist. 194.0 - 195.0 : 1% galena.	880	208'	213'	5'		.60	1.25	1.3	.60
196.0	201.5	50% pyrite in sericite schist. 2-3% galena, minor chalcopyrite.	881	213'	218'	5'		.90	3.1	2.0	.22
201.5	204.0	70% pyrite. Minor galena.	882	218'	223'	5'		.86	2.8	2.3	.18
204.0	240.0	80% pyrite. 3-5% magnetite; 0.3% Cu; 2% Pb; minor Zn.	883	223'	227'	4'		.84	3.4	4.5	.30
		Pb as disseminated veinlets parallel to schistosity. Cu as 1/8" veinlets not parallel to schistosity. Secondary quartz	884	227'	232	5'		.84	2.2	4.6	.22
		usually present. All pyrite fine grained to very fine grained. Core is blocky from 218.0 - 222.5.	885	232'	237	4'		.80	1.8	3.9	.22
240.0	248.0	Alleged to be a cavity.	COMPOSITE				.01				

60° core angles

DIAMOND DRILL RECORD

LOGGED BY WILLIAM M. SIROLA and D. McRAE. JUL 5 19

PROPERTY KERR ADDISON MINES - SWIM LAKES "A" GROUP (Y-5)

D.D.H. No. A-2 PAGE 3

LATITUDE 14,517.00 N. BEARING OF HOLE S. 33°19' W. STARTED June 6th, 1965.

DEPARTURE 60,013.00 E. DIP OF HOLE -60° COMPLETED June 14th, 1965.

ELEVATION 3535.05 DIP TESTS None DEPTH 240 ft,

CLAIM No. SWIM No. 25

DIRECTION AND DISTANCE FROM XXX. CLAIM POST S.60° W. - 810 ft.

W.S.R. A.C.G. H.S. A.F. R.D.S. C.V. J.E.S. K.F.L. E.C.J.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY
240	248	Alleged to be a cavity - could be a large vug but more likely an open fault structure at an angle to D.D.H.	Core Recovery.				
		246.0 - 247.5: Massive sulphides, similar to section 204.0 - 240.0 and is caved material from the back of the cavern.	From To 204.0 219.0 219.0 222.5 222.5 227.0 227.0 232.5 232.5 235.0 235.0 240.5 240.5 246.0 246.0 246.5 246.5 248.0	13.0 2.0 2.5 2.0 1.2 1.5 0 3' of cave 0			
		248.0: Hole lost due to cave and "run-off" of core barrel in cavern.					

DIAMOND DRILL RECORD

LOGGED BY P.M. KAVANAGH, D. McRAE, J. IRVINE.

PROPERTY "A" GROUP, SWIM CLAIMS, Y.T.

D.D.H. No. A-1 PAGE 1

LATITUDE 29° 30' W. BEARING OF HOLE ____ STARTED 3rd, August, 1964.

DEPARTURE 15° 19' S. DIP OF HOLE -90° COMPLETED 7th August, 1964.

ELEVATION 3600 ft. DIP TESTS ____ DEPTH 253 ft.

CLAIM No. SWIM No. 4

DIRECTION AND DISTANCE FROM NE. CLAIM POST

W.S.R.
K.C.G.
E.F.
R.D.S.
B.C.B.
P.M.K. ✓
G.W.M.
H.A.P.
C.K.W.
J.B.S.
G.P.R.
K.F.L.
J.B.
E.C.J.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY
0	51	Overburden - no boulders, occasional small cobbles; frozen 0 - 33.					
51	65.5	Graphite schist - 15° dip, occasional pyrite-bearing quartz blebs.					
65.5	66.5	70% quartz veining in graphite schist.					
66.5	71	Graphite schist, shattered; some quartz blebs.					
71	99.5	Graphite schist - dips of schistosity 70° at 80 ft., 45° at 90 ft., 60° at 94 ft., some quartz veinlets with and without pyrite.					
99.5	102	50% pyrite-bearing quartz in graphite schist. 60% recovery.					
102	110.5	Graphite schist dipping 60°, considerable pyrite-bearing quartz veinlets.					
110.5	115	Highly contorted graphite schist, schistosity dips 5 - 90°,, 112-113½ schist has been brecciated and silicified, less than 1% pyrite. 90% recovery.					
115	119	Graphitic schist, schistosity mainly 40° dip but locally dragged and contorted, pyrite-bearing quartz veinlets at 116-117, 118½-119. 98% recovery.					
119	125	Graphite schist, schistosity dips 20° - 30°, 1% pyrite-bearing quartz veinlets 119 - 125, some conformable, some fracture filling. 98% recovery.					
125	129.5	Graphitic schist,, quartz-pyrite veins 5%, some disseminated pyrite, schistosity dips 15° - 35°. 98% recovery.					

DIAMOND DRILL RECORD

LOGGED BY P.M. KAVANAGH, D. McRAE, J. IRVINE.

PROPERTY "A" GROUP, SWIM CLAIMS, Y.T.

D.D.H. No. 1 PAGE 2

LATITUDE 29° 30' W. BEARING OF HOLE _____ STARTED 3rd August, 1964.

DEPARTURE 15° 90' S. DIP OF HOLE -90° COMPLETED 7th August, 1964.

ELEVATION 3600 ft. DIP TESTS _____ DEPTH 253 ft.

CLAIM No. SWIM No. 4

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY
129.5	132	Graphite schist with 15% quartz-pyrite veinlets, schistosity dips 25° - 40°, locally contorted. 90% recovery.					
132	135.5	Graphite schist, schistosity dips 45°; 40% silica replacement 132.5 - 133.5, some quartz-pyrite at 133.5 - 135.5 (about 5%). 98% recovery.					
135.5	137	Graphite schist, dips 15° - 30°. 98% recovery.					
137	141	Graphite schist, dips 0° - 45°, massive quartz 139 - 140 (40%), quartz-pyrite veinlets 138 - 141 (5%); colour banding prominent. 98% recovery.					
141	147	Graphite schist - dips 30°, no quartz-pyrite 141 - 142 - more contorted, quartz-pyrite veinlets (10%) 142 - 147. less than 1% pyrite. 98% recovery.					
147	245	Graphite schist - main dip 30°, minor pyritized, silicified sections at 156, 171, 173, 184, 186, 190.5 - 195, 210, 223, 230, 234 and 238 ft.					
245	245.3	Conformable, 4", light grey, banded chert.					
245.3	253	Graphite schist - dip 45°.					