





# DIAMOND DRILL RECORD

LOGGED BY WILLIAM M. SIROLA AND DAVID McRAE

*Rec'd June 28/65*

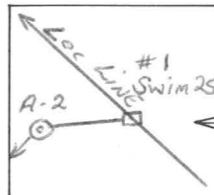
PROPERTY KERR ADDISON MINES - SWIM LAKES "A" GROUP (Y-5)

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

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

FOOTAGE		DESCRIPTION	SAMPLE <del>XXXX</del>	FOOTAGE		SAMPLE LENGTH	ASSAY			
FROM	TO			FROM	TO					
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.	Core <u>Recovery.</u>							
58.0	78.0	Rusty, weathered, quartz sericite schist and caved gravel.	58 - 64 64 - 78	3.3 2.4						
78.0	118.0	Quartz sericite schist with 5% pyrite in small drag folds and parallel to schistosity. Core $\angle$ 's 30-45°. Minor amounts of soft, silver-grey material from 116 - 117 ft. 3% magnetite from 116 - 118 ft. Core $\angle$ 's 30-45°.	78 - 83 83 - 88 88 - 90 90 - 96 96 - 102	2.4 4.8 1.5 6.0 6.0						
118.0	127.0	Ground core. Only 12" recovered. Sericite schist pyritized. Last 0.2 ft. is massive pyrite.	102 - 112 112 - 118 118 - 127 127 - 129.5	10.0 5.0 1.0 2.5						
127.0	141.5	Quartz sericite schist.	129.5 - 137 137 - 141.5	7.5 4.5						
		127.0 - 129.5: 10% pyrite along schist planes. 2" of massive pyrite at end containing minor later chalcopyrite. Core $\angle$ 's 50-60°.	141.5 - 144 144 - 145 145 - 147 147 - 150	2.0 1.0 1.5 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 $\angle$ 's 45-60°.	150 - 158 158 - 167 167 - 177.5 177.5 - 179	8.0 8.0 6.0 1.5						
141.5	147.0	60 - 70% pyrite replacing quartz sericite schist. Minor Cu and Zn at 145.5. Core $\angle$ 's 50°.	179 - 181.5 181.5 - 183.5 183.5 - 194 194 - 196	1.2 1.2 10.1 2.0						
147.0	177.5	Quartz sericite schist. 5 - 10% fine pyrite as 1/8" - 1/4" bands parallel to schistosity. 3" vein quartz at 166.7. Core $\angle$ 's 45 - 60°.	196 - 201.5 201.5 - 204	3.6 2.0						

# DIAMOND DRILL RECORD

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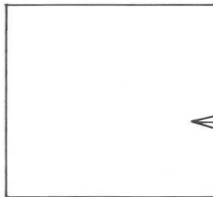
PROPERTY KERR ADDISON MINES - SWIM LAKES "A" GROUP (Y-5)

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		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Au Ozs/T.	Ag Ozs/T.	ASSAY		
FROM	TO			FROM	TO				Lead	Zinc	Copper
177.5	181.5	Cream-coloured quartz sericite talc (?) schist with 2% pyrite. Core $\angle$ '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. 183.5 - 188.5 : 10% pyrite and 5% magnetite. 188.5 - 189.5 : Massive pyrite and 10% magnetite. 191.5 : 30% pyrite and 3% magnetite. 191.5 - 194.0 : Massive pyrite and 10% magnetite and occasional small chalcopyrite veinlets and blebs of galena.	876	193'	196'	3'		.60	1.3	0.2	.07
			877	196'	201'	5'		.40	2.0	0.55	.07
			878	201'	204'	3'		.52	0.6	1.25	.22
			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. Pb as disseminated veinlets parallel to schistosity. Cu as 1/8" veinlets not parallel to schistosity. Secondary quartz usually present. All pyrite fine grained to very fine grained. Core is blocky from 218.0 - 222.5.	883	223'	227'	4'		.84	3.4	4.5	.30
			884	227'	232'	5'		.84	2.2	4.6	.22
			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

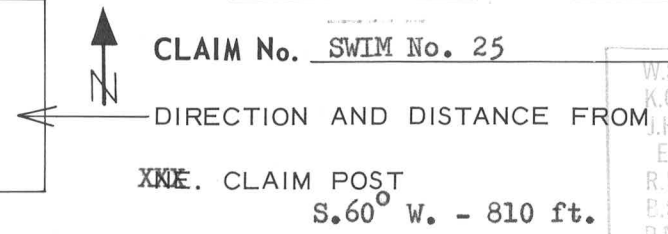
LOGGED BY WILLIAM M. SIROLA and D. McRAE.

JUL 5 1965

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

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

CLAIM No. SWIM No. 25



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

FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY						
FROM	TO			FROM	TO								
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	13.0							
				219.0	222.5	2.0							
				222.5	227.0	2.5							
		248.0: Hole lost due to cave and "run-off" of core barrel in cavern.		227.0	232.5	2.0							
				232.5	235.0	1.2							
				235.0	240.5	1.5							
				240.5	246.0	0							
				246.0	246.5	3' of cave							
				246.5	248.0	0							



# DIAMOND DRILL RECORD

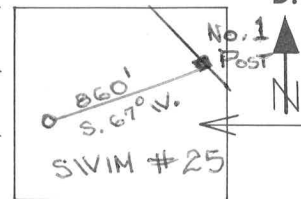
LOGGED BY D. McRae, W. M. Sirola

Kerr Addison Mines Limited.

PROPERTY Swim Lakes 'A' Group, Y.T. (Y-5)

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

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



CLAIM No. Swim #25

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

DIRECTION AND DISTANCE FROM

ELEVATION 3,538.40 DIP TESTS \_\_\_\_\_ DEPTH 552 ft.

NE. CLAIM POST

TOTAL REC = 736

FOOTAGE		DESCRIPTION	Recovery			SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY				
FROM	TO		From	To	Feet		FROM	TO		Gold Ozs/T.	Silver Ozs/T.	Lead	Zinc	Copper
0.0	51.0	<u>Overburden</u> - 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	<u>Sericite Schist:</u> 51 - 101 Rusty. Core recovered in short runs only. 69 - 71; 77 - 78; 83 - 84 and 88 - 89 Vein Quartz. 57 - 58.5 2% Pb., as 1/8" - 1/4" bands parallel to schistosity. 58.5 - 63.5 15% pyrite with 1% Pb., 3% Cu., 1% Zn. 63.5 - 89 - 93 Low Pyrite (3-5%) Very rusty and disintegrated. Average core angles 45°. Section contains numerous small plications or drag folds.	55.0	57.0	2.0									
			57.0	58.0	0.8									
			58.0	60.5	2.0									
			60.5	63.5	1.2									
			63.5	68.0	2.0									
			68.0	72.0	2.6									
			72.0	77.0	0.9									
		77.0	81.0	1.0										
101.0	149.5	<u>Sericite Schist:</u> Relatively free of oxidation; core recovery improving; average core angles 45 - 50°. 119.5 - 121 minor galena, sphalerite and chalcopryrite occurring with vein quartz. Mud seam at 136.5, 4" of quartz containing irregular clots of magnetite right below. Core Angles at 140. - 60°.	81.0	83.0	1.2									
			83.0	86.0	1.4									
			86.0	90.0	3.5									
			90.0	93.0	0.2									
			93.0	99.0	3.5	910	150.0	154.0	4.0	Trace	0.48	2.0	2.4	0.07
149.5	159.0	<u>Graphitic schist:</u> 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	911	154.0	159.0	5.0	Trace	0.44	1.8	2.9	0.05
			105.0	110.0	2.0	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.
 CLAIM No. Swim #25.

 DEPARTURE 59,917.55 E. DIP OF HOLE - 60° COMPLETED July 14th, 1965.
 ← DIRECTION AND DISTANCE FROM

 ELEVATION 3,538.40 DIP TESTS \_\_\_\_\_ DEPTH 552 ft.

NE. CLAIM POST

FOOTAGE		DESCRIPTION	FOOTAGE			SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Gold Silver ASSAY				
FROM	TO		From	To	Feet		FROM	TO		Ozs/T.	Ozs/T	Lead	Zinc.	Copper
159.0	193.0	Sericite Schist: Thinly laminated grey to buff.	110.0	113.0	3.0	913	198.0	203.5	5.5		1.08	4.5	8.17	0.07
		159.0 - 163.0: Intense drag folding.												
		163.0 - 163.5: Vein Quartz.	113.0	116.5	2.3	914	203.5	206.0	2.5		0.50	1.3	2.5	0.18
		163.5 - 163.8: 30% magnetite as clots; 40% pyrite as bands parallel to schistosity.	116.5	119.5	1.4	915	206.0	211.0	5.0	0.01	0.84	1.8	0.7	0.22
		163.8 - 167.0: Replaced by 30% pyrite.												
		167.0 - 170.0: 30% pyrite.	119.5	127.5	8.0	916.	212.0	219.0	7.0		0.92	3.0	4.3	0.15
		170.0 - 178.0: Difficult coring; 2" vein quartz at 170.0 - 175.5; core in rusty fragments only.	127.5	133.5	5.0	917	219.0	225.5	6.5		0.24	0.4	0.4	0.07
		178.0 - 185.9: Pale to buff schist with occasional vein quartz; 5% pyrite (irregular bands); traces of chalcopyrite; local drag folding.	133.5	142.0	6.0	918	225.5	227.5	2.0		1.64	5.8	5.0	0.07
		185.9 - : Rusty schist with massive pyrite replacement between 185.9 - 188.0	142.0	150.0	2.3	919	227.5	229.0	1.5		0.18	0.3	0.2	0.07
		Core Angles: 165.0 - 60°; 170.0 - 60°; 179.0 - 50°; 190.0 - 60°.	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
193.0	219.0	Massive pyrite: 80% replacement. 6% Pb. and Zn; 0.3% Cu.	158.0	159.0	1.0	923	240.0	241.5	1.5		1.08	3.1	2.8	0.07
		Core Angles: 198.0 - 45°; 201.0 - 60°; 209.0 - 70-75°; 214.0 - 60°.	159.0	160.5	1.5	924	241.5	244.0	2.5	Trace	0.14	0.1	0.4	0.06
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.	160.5	165.0	3.6	925	244.0	249.0	5.0		0.88	1.5	1.7	0.22
		Core Angles: 225.0 - 70°.	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
225.5	227.5	70% replacement of sericite schist by pyrite. 8% Pb. and Zn. Prominent drag folding in last 12".	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

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KERR ADDISON MINES LIMITED

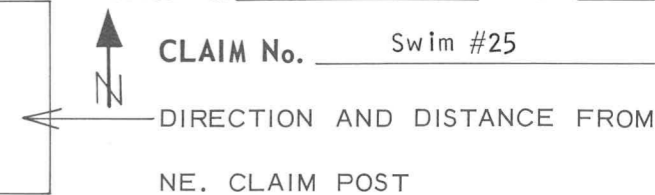
PROPERTY SWIM LAKES 'A' GROUP Y.T. (Y-5)

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.

CLAIM No. Swim #25

DEPARTURE 59.917.55 E. DIP OF HOLE -60° COMPLETED July 14th, 1965.



ELEVATION 3,538.40 DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_

FOOTAGE		DESCRIPTION	Recovery			SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Gold Ozs/T	Silver Ozs/T	ASSAY		
FROM	TO		From	To	Feet		FROM	TO				Lead	Zinc	Copper
227.5	228.5	Sericite Schist: Pale, unmineralized, numerous calcite veinlets.	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	
228.5	231.5	Massive Pyrite: 10% Pb. and Zn., Core angles: 231.0 - 60°	203.5	206.0	2.5	932	279.0	284.0	5.0	1.40	0.4	4.4	0.15	
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°	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	
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°.	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	
		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°.	226.0	230.0	3.9	939	314.0	320.0	6.0	0.14	0.3	0.6	0.22	
		Where much dolomite present, only minor amounts of base metals visible.	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	
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°.	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 \_\_\_\_\_

PROPERTY \_\_\_\_\_

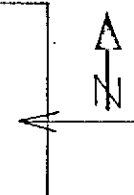
LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_

DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_

ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_

D.D.H. No. \_\_\_\_\_ PAGE 2

CLAIM No. \_\_\_\_\_



DIRECTION AND DISTANCE FROM  
NE. CLAIM POST \_\_\_\_\_

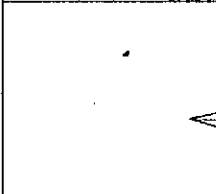
FOOTAGE		DESCRIPTION	RECOVERY			SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T	Ozs/T	ASSAY		
FROM	TO		From	To	Feet		FROM	TO		Gold	Silver	Lead %	Zinc %	Copper %
171.0	188.5	MASSIVE PYRITE: 90% replacement of schist; minor Pb. Zn. and Cu; Original schist almost obliterated; gouge zone 182.5 - 183.0 ft.	143.0	144.0	0.7	974	171.0	175.5	4.5		0.28	0.75	1.06	
			144.0	146.0	0.5	975	175.5	180.0	4.5		0.44	0.85	0.91	
188.5	193.3	ZONE OF Pb. Zn REPLACEMENT: 30% pyrite; 20% Pb and Zn.	146.0	152.0	1.5	976	180.0	185.0	5.0		0.36	1.65	1.25	
193.3	206.0	MASSIVE PYRITE: 50% replacement of sericite schist; 3% combined Pb and Zn. occurring as sporadic 1/8" bands and occasional clusters both in silicified matrix and in pyrite.	152.0	157.0	3.6	977	185.0	188.3	3.3		0.42	1.70	2.93	
			157.0	160.0	1.8	978	188.3	193.3	5.0	Trace	0.30	3.65	3.22	0.06
206.0	225.2	QUARTZ SERICITE SCHIST: 10% pyrite; local chloritic mottling; drag folding @ 213.5, 218.5 223.5 ft; 1" vein quartz @ 215.0; 15% Pb and Zn from 219.2-219.4 ft; AVERAGE CORE ANGLES 50°.	160.0	162.0	1.0	979	193.3	198.0	4.7	Trace	Trace	0.70	0.67	0.16
			162.0	166.0	4.0	980	198.0	202.0	4.0		0.24	0.90	0.10	
225.2	226.4	Pb & Zn REPLACEMENT: 10% Pb. & Zn., 0.2% Cu., 30% banded pyrite replacing crenulated sericite schist; no silicified matrix.	166.0	170.0	2.0	981	202.0	206.0	4.0		Trace	0.50	Trace	
			170.0	171.5	1.5	982	225.2	226.4	1.2		0.98	8.75	0.67	
226.4	252.4	QUARTZ SERICITE SCHIST: Average pyrite content 10% as 1/16" - 1/8" bands parallel to schistosity; minor post-pyrite faulting with cementation by quartz. 236-238 ft. - Pb and Zn (less than 1%) as 1/16" bands and small blebs in highly crenulated sericite schist; 0.2% Cu in quartz; 5% buff coloured carbonate veinlets throughout section. CORE ANGLES 50 - 55°.	171.5	175.5	4.0									
			175.5	182.5	7.0									
			182.5	184.0	1.5	983	252.4	256.5	4.1		0.52	0.50	Trace	
			184.0	186.0	2.0	984	256.5	262.0	5.5		0.48	0.35	Trace	
252.4	281.0	MASSIVE PYRITE: 90% replacement of sericite schist; minor blebs and stringers of Pb and Zn from 252.4 - 272ft; blebs and bands of Pb and Zn from 272 - 281 ft.	186.0	188.0	2.0	985	262.0	268.0	6.0		0.10	0.20	0.53	
			188.0	198.0	9.1	986	268.0	272.0	4.0		0.52	0.50	1.54	
		<u>SINGLE SAMPLE # 989 270 - 280 FOOTAGE.</u>	198.0	202.0	3.6	987	272.0	276.0	4.0	0.02	Trace	1.10	1.64	0.12
			202.0	206.0	2.3	988	276.0	281.0	5.0	Trace	Trace	0.05	1.20	1.14

# DIAMOND DRILL RECORD

LOGGED BY \_\_\_\_\_

PROPERTY \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_

D.D.H. No. \_\_\_\_\_ PAGE 3

CLAIM No. \_\_\_\_\_  
  
 DIRECTION AND DISTANCE FROM  
 NE. CLAIM POST

FOOTAGE		DESCRIPTION	RECOVERY			SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY		
FROM	TO		From	To	Feet		FROM	TO				Lead	Zinc	Copper
281.0	291.0	50% Pyrite replacement; 50% quartz; no sericite; minor Pb and Zn.	206.0	214.0	7.1	(Sludge) 989	270.0	280.0	10.0		0.10	0.2	0.2	
		SLUDGE SAMPLE # 990 280 - 290 FOOTAGE.	214.0	216.0	1.5	(Sludge) 990	280.0	290.0	10.0		0.40	0.2	0.4	
291.0	297.0	MASSIVE PYRITE: 90% replacement by pyrite of sericite schist, recrystallized quartz crystals and probably recrystallized pyrite in medium-sized crystals; some galena in clusters; 1-2% Pb. Zn.	216.0	223.0	5.1	(re-run) 992	276.0	281.0	5.0		1.50	4.6	3.0	.07
			223.0	229.0	5.0	993	281.0	291.0	10.0		0.26	0.2	0.6	.07
		SLUDGE SAMPLE # 991 290 - 300 FOOTAGE	229.0	235.0	5.7	(Sludge) 991	290.0	300.0	10.0		0.18	0.1	0.4	
297.0	303.0	Pb.-Zn in clusters within medium-grained, vuggy, massive pyrite. 7% combined Pb-Zn; 40° core angles.	235.0	242.0	6.0	994	291.0	297.0	6.0		2.74	5.1	6.7	.25
			242.0	250.0	6.4	995	297.0	303.0	6.0		2.26	7.2	9.6	.15
303.0	306.0	100% pyrite replacement in medium-grained crystals; vuggy and abundant open seams; 35° core angles. (BX core 302 - 306 ft.)	250.0	251.5	1.5									
			251.5	253.0	1.4	996	303.0	306.0	3.0		3.20	7.1	7.6	.32
306.0	319.0	MASSIVE PYRITE: 60% pyrite replacement of sericite schist; contains 10% magnetite in bands to footage 315 ft. Combined Pb and Zn = 3-4%; occur in bands, clusters and blebs; minor chalcopyrite; some crystals of selenite (?) at 314 ft. Core shows 20% open seams and vugs to 319 ft., but no rust. Pyrite mainly fine-grained with some medium-grained crystals. Core angle varies from 55° at 310 ft. to 40° at 313 ft. and to 35° at 319 ft.	253.0	255.0	1.8	001	306.0	312.0	6.0		1.48	3.9	3.9	
			255.0	256.5	1.5	002	312.0	315.0	3.0		1.76	4.5	4.1	
			256.5	260.5	4.0	003	315.0	320.1	5.1					
			260.5	262.0	1.5	004	320.1	325.0	4.9		0.40	1.1	0.4	
			262.0	264.0	1.0	005	325.0	330.0	5.0		0.72	1.5	1.3	
319.0	329.0	MASSIVE PYRITE: 95% pyrite replacement of sericite schist. Occasional spot or streak of Pb-Zn except between footages 319.0-320.1 (8-10% combined Pb&Zn) and 326.0- 326.5 ft. (2-3% combined Pb & Zn). Banding not prominent.	264.0	268.0	3.5	013	330.0	335.0	5.0		0.60	0.7	0.4	
			268.0	272.0	1.0	014	335.0	340.0	5.0		1.12	2.6	1.6	
			272.0	276.0	1.0	015	340.0	345.0	5.0			Tr.	0.2	

# 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-5 PAGE 4

CLAIM No. \_\_\_\_\_



DIRECTION AND DISTANCE FROM

NE. CLAIM POST

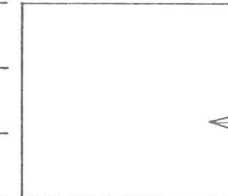
FOOTAGE		DESCRIPTION	RECOVERY			SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T	Ozs/T	ASSAY		
FROM	TO		From	To	Feet.		FROM	TO		Gold	Silver	Lead %	Zinc %	Copper
329.0	356.4	MASSIVE PYRITE: 95% pyrite replacement of sericite schist; pyrite fine-grained. Negligible Pb-Zn except between footages 334.5 - 339.5 show blebs throughout; 1% Pb and Zn. Occasional splash of chalcopyrite. Shows no banding nor schistosity.	276.0	281.0	2.0	013	330.0	335.0	5.0		0.60	0.7	0.4	
			281.0	290.0	0.9	014	335.0	340.0	5.0		1.12	2.6	1.6	
			290.0	295.0	0.8	015	340.0	345.0	5.0			Trace	0.2	
			295.0	297.0	0.2	016	345.0	350.0	5.0		0.44	0.3	0.2	
356.4	367.8	MASSIVE SULPHIDES: 80% pyrite replacement of sericite schist, fine-grained Pb and Zn (10% combined) in bands and disseminated, fine-grained magnetite not prominent. CORE ANGLES: 70° @ 359 ft. 55° @ 364 ft. not distinct.	297.0	299.5	0.6	017	350.0	356.4	6.4		0.44	0.3	0.3	
			299.0	302.0	0.8	018	356.4	362.0	5.6		1.60	3.9	4.9	
			302.0	306.0	2.0	019	362.0	367.8	5.8		1.12	6.3	3.3	
367.8	383.0	QUARTZ-SERICITE SCHIST: Zone is highly brecciated to footage 377.5, shows no evidence of folding. Talc at 377 ft; pyrite 7%, occur irregularly; minor Pb-Zn. Thinly laminate schist between 377.0 - 380.0.	306.0	312.0	0.7	020	367.8	372.0	4.2		1.38	0.3	0.6	
			312.0	314.0	1.1	021	372.0	377.0	5.0		0.16	Trace	0.3	
			314.0	315.0	0.4	022	377.0	383.0	6.0		0.22	0.3	Trace	
383.0	399.8	QUARTZ-SERICITE SCHIST: 40-50% pyrite plus 5-10% pyrrhotite replacement of sericite schist. Pb and Zn (4-5% combined) disseminated and in streaks, abundant (7-9% combined) between 393.0 - 398.5 ft; Cu (0.2%) occurs in fractures and along schistose planes, irregular in core. Contorted bedding at 394.5 ft. CORE ANGLE: 60°.	315.0	321.0	2.1	023	383.0	388.0	5.0		0.68	1.2	1.5	
			321.0	324.0	0.5	024	388.0	393.0	5.0		1.76	1.3	0.7	
			324.0	326.5	2.1	025	393.0	398.0	5.0		1.74	3.6	6.5	
			326.5	329.0	2.0	026	398.0	399.8	1.8		1.70	2.6	4.7	
399.8	414.7	QUARTZ-SERICITE SCHIST: Brecciated and metamorphosed schist, 10% pyrite, no Pb-Zn-Cu. (a) Brecciated-Recemented-chloritized: 80% quartz, 10% chlorite, between footages 399.8-401.7, 407.8-409.6, and 412.0-414.7 ft.	329.0	334.0	5.0									
			334.0	335.0	1.0	027	399.8	401.0	1.2		0.28	0.2	0.5	

# DIAMOND DRILL RECORD

LOGGED BY \_\_\_\_\_

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

PROPERTY \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_



CLAIM No. \_\_\_\_\_  
 DIRECTION AND DISTANCE FROM  
 NE. CLAIM POST

FOOTAGE		DESCRIPTION	RECOVERY			SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY		
FROM	TO		From	To	Feet		FROM	TO				Lead %	Zinc %	Copper
		(b) Metamorphosed-silicified: 90% quartz, pyrite in discontinuous, wavy, irregular bands 1/16" to 1/4" wide, between footages 401.7 - 407.8 and 409.6 - 412.0 ft.	335.0	338.0	3.0									
			338.0	340.0	2.0									
			340.0	345.0	5.0									
414.7	422.8	QUARTZ-SERICITE SCHIST: 30% pyrite replacement of sericite schist. Pb and Zn (4-6% combined) occur in bands and also disseminated, magnetite (5-10%) as clusters, bands and disseminated. Bands undulates from 30° to 55°, highly irregular.	345.0	350.0	5.0	028	414.7	418.0	3.3		2.78	1.6	6.4	
			350.0	352.0	1.4	029	418.0	422.8	4.8		1.28	1.5	4.5	
			352.0	354.0	2.0									
422.8	430.0	QUARTZ-SERICITE SCHIST: 15-20% pyrite replacement occurring in irregular, undulating bands. Negligible Pb-Zn. Chloritized 5% of core, follows banding.	354.0	358.0	3.5									
			358.0	362.0	4.0	030	422.8	424.2	1.4		0.60	1.0	0.2	
			362.0	372.0	9.5									
			372.0	377.0	4.8	031	424.2	430.0	5.8		0.40	0.2	0.1	
430.0	447.6	QUARTZ-SERICITE SCHIST: Brecciated and metamorphosed schist, 10-20% pyrite, no Pb-Zn, similar to footages 399.8 - 414.7 ft. Metamorphosed and Silicified: between footages 430.0 - 433.0, and 434.8 - 444.0. Banding undulating, irregular, 45° - 90°; 85% quartz. Small fold at 438.0 ft; talc at 442.0 - 444.0 ft.	377.0	384.0	6.3									
			384.0	390.0	6.0									
			390.0	398.0	8.0									
			398.0	408.0	9.7									
			408.0	418.0	10.0									
			418.0	419.0	0.5									
			419.0	426.0	7.0									
			426.0	427.0	0.4									
			427.0	430.0	2.6									
		Brecciated and Recemented: between footages 433.0 - 434.8 and 444.0 - 447.6 ft. 70% quartz and 20% pyrite in irregular patterns.	430.0	439.0	8.4									
			439.0	444.0	5.0									
447.6	457.0	BRECCIATED QUARTZ IN MASSIVE PYRITE: - Transition Zone. Gradual transition from 30% quartz in discontinuous, irregular shaped bands to 50% quartz in irregular shapes within massive pyrite. Movement parallel to core - slickenside at 457.0 ft. Minor Pb-Zn mineralization.	444.0	454.0	9.5	032	447.6	452.0	4.4		0.24	0.1	0.6	
			454.0	464.0	10.0	033	452.0	457.0	5.0		0.36	Trace	0.4	











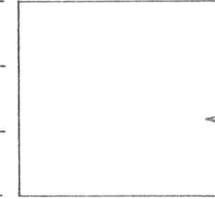
# DIAMOND DRILL RECORD

LOGGED BY \_\_\_\_\_

D.D.H. No. A-6

PAGE 2

PROPERTY \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_



CLAIM No. \_\_\_\_\_

DIRECTION AND DISTANCE FROM

NE. CLAIM POST

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

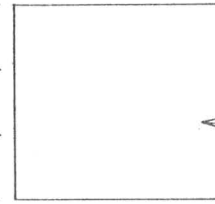
FOR CORE RECOVERY BETWEEN 189.5' - 166.0' See page 5 of this log

# DIAMOND DRILL RECORD

LOGGED BY \_\_\_\_\_

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

PROPERTY \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_



CLAIM No. \_\_\_\_\_  
 DIRECTION AND DISTANCE FROM  
 NE. CLAIM POST

FOOTAGE		DESCRIPTION	RECOVERY			SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T	Ozs/T	ASSAY		
FROM	TO		From	To	Feet		FROM	TO		Gold	Silver	Lead %	Zinc %	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

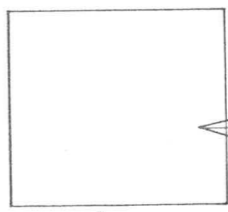


# DIAMOND DRILL RECORD

LOGGED BY \_\_\_\_\_

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

PROPERTY \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_



FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY							
FROM	TO			FROM	TO									
		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).												
		NOTE: 10 ft. AXT core barrel in hole with 5 ft. of core, 8 ft. from bottom.												
		220 ft. "A" Rods in hole, 18 ft. from bottom.												
		15 ft. "E" Rods in hole, 1 ft. above collar.												
		70 ft. AX casing in hole 2 ft. below surface (5' unscrewed off).												
		40 ft. BX casing in hole 10 ft. below collar and broken off.												
		10 ft. NX casing in hole, sank out of sight.												
		(Rods would not come up by hammering, sanded in too tight by cuttings and cave material.												
		(AX and BX casing sanded together - no stuffing put in to prevent sludge from running down between the two casings.												
		(NX casing sank into ground - no clamps attached to it.												

(Continued From Page 2 As Indicated)

RECOVERY

From	To	Feet
139.5	141.0	0.5
141.0	145.5	1.5
145.5	147.5	0.6
147.5	151.0	0.5
151.0	160.0	0.0
160.0	163.5	1.0
163.5	165.0	0.7
165.0	166.0	0.5

# DIAMOND DRILL RECORD

LOGGED BY W. M. SIROLA AND FRED CHOW

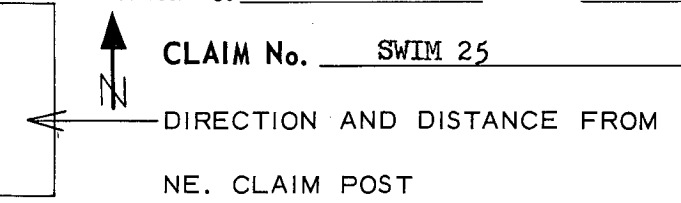
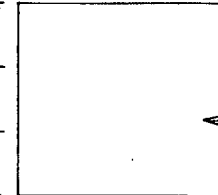
PROPERTY SWIM LAKES "A" GROUP

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'



FOOTAGE		DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY						
FROM	TO				FROM	TO		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											
<u>SLUDGE SAMPLES RUN BY SPALDING</u>														
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, Pb-Zn 8%	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 30% quartz. Locally rusty along fracture planes. C.A. 60° @ 172, 65° @ 184, 60° @ 191, 50° @ 226 8% Pb-Zn	2.0	069	161	163	2.0	6.0	4.8	2.10				
			4.5	070	163	168	5.0	5.5	6.4	1.14				
			5.0	071	168	173	5.0	8.2	6.7	1.92				

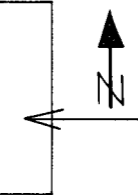
# DIAMOND DRILL RECORD

LOGGED BY \_\_\_\_\_

PROPERTY \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_

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

CLAIM No. \_\_\_\_\_



DIRECTION AND DISTANCE FROM  
 NE. CLAIM POST

FOOTAGE		DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY					
FROM	TO				FROM	TO		Lead	Zinc	Silver	Copper	Gold	
		<u>SLUDGE SAMPLES:</u>	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			
		No. From To Pb Zn Ag	5.0	074	183.0	188.0	5.0	3.2	5.5	1.34			
		No. From To Pb Zn Ag	5.0	075	188.0	193.0	5.0	6.3	5.4	3.04			
		102 190 - 200 13.4 7.9 4.6	1.1	076	193.0	199.0	6.0	5.0	8.4	2.34			
		103 200 - 205 1.8 1.1 .62	0.6	077	199.0	205.5	6.5	9.3	7.2	2.60			
		104 205 - 210 11.0 6.5 4.18	0.6	078	205.5	218.5	13.0	8.6	10.1	3.52			
		105 210 - 215 13.2 12.3 .96	0.6	079	218.5	222.0	3.5	9.5	12.7	3.02			
		106 215 - 220 7.9 8.5 2.72	2.7	080	222.0	227.0	5.0	3.5	7.1	1.54			
		107 220 - 225 13.8 14.5 4.56	0.6	081	227.0	228.5	1.5	5.7	6.5	1.50			
		108 225 - 230 12.0 12.4 3.84	0.7	082	228.5	232.0	3.5	10.3	10.9	3.34			
		109 230 - 235 8.5 7.2 1.42	0.5	083	232.0	242.0	10.0	1.2	1.8	0.12			
		110 235 - 240 7.5 4.7 2.02											
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			

# DIAMOND DRILL RECORD

LOGGED BY \_\_\_\_\_

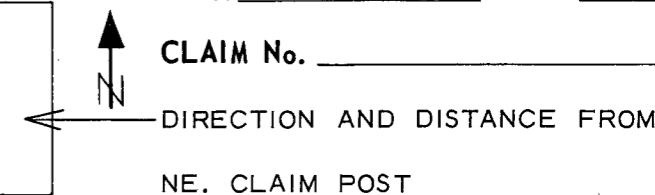
PROPERTY \_\_\_\_\_

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

LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_

CLAIM No. \_\_\_\_\_

DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_



ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_

FOOTAGE		DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY							
FROM	TO				FROM	TO		Lead	Zinc	Silver	Copper	Gold			
294.8	300.7	Sericite schist 10% quartz, vein quartz 295.3 - 296.0 White bleached, talcy, core. No sulphides. C.A. 65° @ 297	5.0		294.8	300.7	N.S.								
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 \_\_\_\_\_

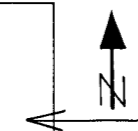
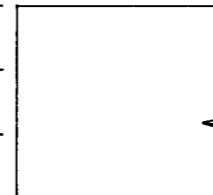
 D.D.H. No. A-6-A

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



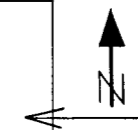
# DIAMOND DRILL RECORD

LOGGED BY \_\_\_\_\_

PROPERTY \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_

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

CLAIM No. \_\_\_\_\_



DIRECTION AND DISTANCE FROM

NE. CLAIM POST

FOOTAGE		DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY					
FROM	TO				FROM	TO		Lead	Zinc	Silver	Copper	Gold	
448.2	465.5	Quartz Sericite Schist:  Bleached to buff-white color, medium soft. 20% quartz containing scattered and disseminated pyrite (3%), Pb-Zn (less than .5%) Negligible magnetite, no chalco. Bedding contorted.  C.A. 55° @ 452', 60° @ 461', 10° @ 465'	4.5 5.5 2.0 5.0	130	448.2 453.0 458.5 460.5	453.0 458.5 460.5 465.5	5.0	Tr.	.6	.32			
465.5	474.2	Massive Sulphides:  Vuggy between 467.4 - 468.0'. 70% pyrite, 5% quartz, 12% Pb-Zn occurring in irregular bands and disseminated, 2 - 3% magnetite, no chalco.  C.A. 55° @ 467.8', 60° @ 472.0'	3.5 5.2	131 132	465.5 469.0	469.0 474.2	3.5 5.2	5.7 5.4	6.6 4.8	1.84 1.20			
474.2	476.5	Graphitic Sericite schist:  Rock shattered, irregular quartz, veinlets and pyrite bands. 5% graphite, 45% quartz and minor Pb-Zn mineralization.	2.3	133	474.2	476.5	2.3	.2	1.0	.22			
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 \_\_\_\_\_

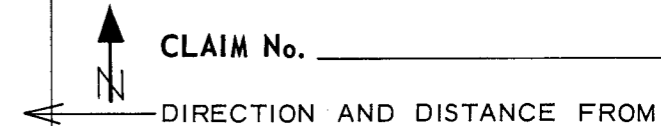
PROPERTY \_\_\_\_\_

D.D.H. No. A-9 PAGE 6

LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_

CLAIM No. \_\_\_\_\_

DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_



ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_

NE. CLAIM POST

FOOTAGE		DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY						
FROM	TO				FROM	TO		Lead	Zinc	Silver	Copper	Gold		
429.0	434.1	MASSIVE SULPHIDES:												
		75% Massive pyrite, 5% quartz, 12% Pb Zn, disseminated, no chalco.	4.9	146	429.0	434.1	5.1	3.7	5.1	1.12	0.15	0.02		
		C. A. 55°												
434.1	440.0	QUARTZ SERICITE SCHIST:												
		Less than 5% quartz, negligible sulphide, bleached to greenish buff color.	5.9		434.1	440.0								
		C. A. 55° @ 435.5, 67° @ 438												
440.0	474.7	MASSIVE SULPHIDES:	3.5	147	440.0	443.5	3.5	.2	Tr.	.56				
		75% Sulphide in bands and masses. 10% quartz, 5% magnetite, occurring in bands, pyrite/pyrrhotite ratio = 3/1 1-2% Pb Zn dissemination	1.5	148	443.5	445.0	1.5	2.8	3.4					
			5.0	149	445.0	450.0	5.0	1.2	1.2	.52				
			5.0	150	450.0	455.0	5.0	.2	1.1	.32				
			5.0	151	455.0	460.0	5.0	.2	1.2	.40				
			5.0	152	460.0	465.0	5.0	.1	1.1	.44				
			5.0	153	465.0	470.0	5.0	Tr.	1.2	.36				
		C. A. 60° @ 462'	4.7	154	470.0	474.7	4.7	.1	.6	.30				





# DIAMOND DRILL RECORD

LOGGED BY \_\_\_\_\_

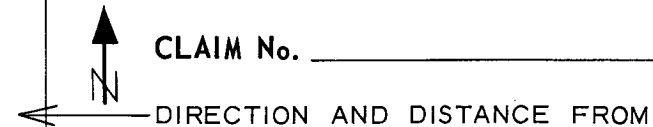
PROPERTY \_\_\_\_\_

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

LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_

CLAIM No. \_\_\_\_\_

DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_



ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_

NE. CLAIM POST

FOOTAGE		DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY					
FROM	TO				FROM	TO		Lead	Zinc	Silver	Copper	Gold	
551.7	557.7	QUARTZ SERICITE SCHIST:	2.3	163	551.7	554.0	2.3	.1	1.4	.86			
		10% pyrite replacement occurring in scattered bands, often discontinuous, 1% magnetite, 2% Pb Zn in scattered dissemination occurring within quartz-pyrite bands.	1.5	164	554.0	555.5	1.5	.1	.7	.18			
			2.2	165	555.5	557.7	2.2	1.4	2.1	.40			
557.7	562.7	QUARTZ GRAPHITE SERICITE SCHIST:											
		Medium gray, soft, 5% quartz, 1% graphite, 2% pyrite, pyrrhotite, no Pb Zn	5.0		557.7	562.7							
		C. A. 75° @ 560'											
562.7	565.1	QUARTZ SERICITE SCHIST:	2.4	166	562.7	565.1	2.4	1.3	2.1	.98			
		20% pyrite/pyrrhotite replacement occurring in discontinuous bands, 15% quartz. Pyrrhotite magnetic. 4% Pb Zn											
		C. A. 75 - 80°											
565.1	567.5	QUARTZ GRAPHITE SERICITE SCHIST:											
		Similar to 557.7 - 562.7	2.4		568.1	567.5							













































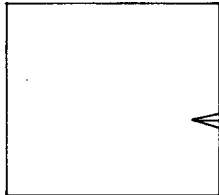


# DIAMOND DRILL RECORD

LOGGED BY \_\_\_\_\_

PROPERTY \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_

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

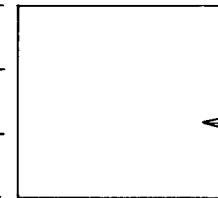
CLAIM No. \_\_\_\_\_  
  
 DIRECTION AND DISTANCE FROM  
 NE. CLAIM POST


FOOTAGE		DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY						
FROM	TO				FROM	TO		Lead	Zinc	Silver	Copper	Gold		
320.5	341.5	QUARTZ SERICITE SCHIST:			SPALDING COMPOSITES:		#186 - 202				.18	.005		
		40% quartz, 40% pyrite, occurring in bands, 2 - 3% magnetite,	4.5	186	320.5	325.0	4.5	3.8	4.9	.54				
		less than 0.2% Cu occurring in scattered veinlets. 8-10% Pb Zn	5.0	187	325.0	330.0	5.0	6.8	6.0	.62				
		occurring 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 Pb Zn/mineralization	6.0	191	341.5	347.5	6.0	1.1	Tr.	.14				
		2% magnetite												
		C. A. 70° and 80°												
					SPALDING RE-RUNS ON		#186 - Silver	1.52						
					SAMPLES #186 - 193		#187 - Silver	1.36						
					INCLUSIVE FOR SILVER		#188 - Silver	.92						
							#189 - Silver	.68						
							#190 - Silver	.20						
							#191 - Silver	.12						
347.5	384.9	QUARTZ SERICITE SCHIST:					#192 - Silver	1.10						
							#193 - Silver	1.76						
		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				

# 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-12 PAGE 7  
 CLAIM No. \_\_\_\_\_  
  
 DIRECTION AND DISTANCE FROM  
 NE. CLAIM POST

FOOTAGE		DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY						
FROM	TO				FROM	TO		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 occurring 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 \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_

D.D.H. No. A-13 PAGE 8

CLAIM No. \_\_\_\_\_



DIRECTION AND DISTANCE FROM

NE. CLAIM POST

FOOTAGE		DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY						
FROM	TO				FROM	TO		Lead	Zinc	Silver	Copper	Gold		
460.2	472.1	MASSIVE PYRITE:												
		5% quartz, 90% pyrite, 3% magnetite, minor Pb Zn. Schistosity @ 550 to core @ 470'.	5.8	219	460.2	466.0	5.8	Tr.	.6	.64				
			5.8	220	466.0	472.1	6.1	.2	1.1	.72				
472.1	482.0	MASSIVE SULPHIDES:												
		10% quartz, 65% pyrite in bands, 6% magnetite also in bands, 12% pb Zn occurring in bands and fine disseminations, higher grade in upper 5', Minor chalco.	4.9	221	472.0	477.0	4.9	3.6	5.7	1.56	} 0.16	} 0.02		
			5.0	222	477.0	482.0	5.0	3.4	4.3	1.40				
		C. A. 55° @ 478.5												
482.0	488.4	QUARTZ SERICITE SCHIST:												
		5% quartz, bleached white, soft and talcy. Negligible pyrite no Pb Zn.	5.0		482.0	487.0								
			1.2		487.0	488.4								
		C. A. 77° @ 483												
488.4	510.2	MASSIVE PYRITE:												
		10% quartz, 80% pyrite, 5% magnetite in bands and scattered blotches, 0.1% Cu in veinlets, minor Pb Zn	7.1	223	488.4	496.0	7.6	.1	.5	.72				
			5.5	224	496.0	503.0	7.0	.3	1.1	.40				
			7.2	225	503.0	510.2	7.2	.2	1.3	.64				





















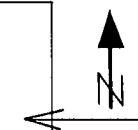
# DIAMOND DRILL RECORD

LOGGED BY \_\_\_\_\_

 PROPERTY \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_

 D.D.H. No. A-14 PAGE 8

CLAIM No. \_\_\_\_\_


 DIRECTION AND DISTANCE FROM  
 NE. CLAIM POST

FOOTAGE		DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY						
FROM	TO				FROM	TO		Lead	Zinc	Silver	Copper	Gold		
395.5	410.7	QUARTZ-SERICITE SCHIST:												
		Bleached buff - 70% increasing to 95%. 30% quartz, 9% magnetic pyrrhotite & 1% pyrite - occurring in irregular bands & streaks, no Pb-Zn-Cu. Slightly leached.	1.5		395.5	379.0								
			4.0		379.0	401.0								
			5.0		401.0	406.0								
		C.A. 72° @ 401 ft.	0.6		406.0	407.0								
			3.7		407.0	410.7								
410.7	423.3	MASSIVE PYRITE:												
		90% pyrite, 5% quartz, 3.5% magnetite, negligible Pb-Zn. 411.3 - 412.6 ft. massive pyrrhotite. Banding indistinct, lineation of magnetite streaks is 60° @ 416 ft.	7.6	280	410.7	418.3	7.6	.3	.7	.44				
			5.0	281	418.3	423.3	5.0	Tr.	.7	.44				
423.3	430.3	MASSIVE SULPHIDES:												
		80% fine grain massive pyrite, 4% magnetite - occurs in streaks & blobs, minor quartz, 7% Pb-Zn-occurring in bands & as disseminations, fine grain. Banding indistinct, lineation of magnetite is 60° @ 429 ft.	4.0	282	423.3	427.3	4.0	4.0	4.7	1.68				
			2.4	283	427.3	430.3	3.0	3.4	4.5	1.84				
												0.30	0.02	
430.3	449.7	MASSIVE SULPHIDES:												
		90% pyrite, 5% magnetite - occurring in irregular streaks & blotches, less than 1% Pb-Zn - occurring in widely separated bands. 434.1 - 436.2 ft. 8% Pb-Zn. Banding contorted or indistinct.	3.8	284	430.3	434.1	3.8	2.3	2.7	1.48				
			3.1	285	434.1	437.3	3.2	4.3	5.6	.84				
			3.7	286	437.3	441.0	3.7	.7	1.5	.84				
			5.0	287	441.0	446.0	5.0	.1	.6	.60				
		C.A. 60° @ 438 ft.	3.7	288	446.0	449.7	3.7	.1	.1	.80				









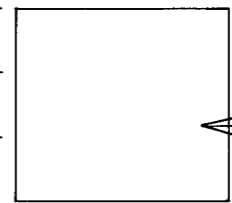





# DIAMOND DRILL RECORD

LOGGED BY \_\_\_\_\_

PROPERTY \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_



D.D.H. No. A-18 PAGE 3  
 CLAIM No. \_\_\_\_\_  
  
 DIRECTION AND DISTANCE FROM  
 NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY		
FROM	TO				FROM	TO		Gold	Silver	Lead	Zinc	Copper
483.0	486.0	SILICIFIED SERICITE-CHLORITE-GRAPHITE SCHIST:  Much quartz (80%). Unmineralized.	3.0		483.0	486.0						
486.0	489.0	GRAPHITIC SCHIST:  70% graphitic, 20% quartz, 50% pyrite.	1.3		486.0	489.0						
489.0	539.0	QUARTZ-SERICITE SCHIST:  Crushed zones from 491 - 494.0 ft., 495 - 499 ft.,. Severe core loss from 491 - 518.0 ft. This section probably represents a flexure or buckle in the schist, rather than a major fault. Vein quartz 518 - 518.5, 534 - 535, Only very minor pyrite occurs in this section but the unit has been bleached and dissolved probably by hydro-thermal action.  C.A. 60° @ 532 ft.	25.7		489.0	539.0						
539.0	551.0	QUARTZ-SERICITE-GRAPHITE SCHIST:  This unit composed of alternating bands of grey to black schist. No sulphides; crushed zone from 541.0 - 542.5 ft. This unit shows evidence of movement along schist planes.  C.A. 60° @ 547 ft.	8.2		539.0	548.0						







# DIAMOND DRILL RECORD

LOGGED BY \_\_\_\_\_

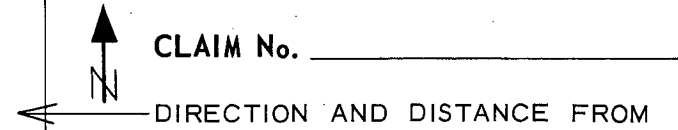
PROPERTY \_\_\_\_\_

D.D.H. No. A-15 PAGE 2

LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_

CLAIM No. \_\_\_\_\_

DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_



ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_

NE. CLAIM POST

FOOTAGE		DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY					
FROM	TO				FROM	TO		Lead	Zinc	Silver	Copper	Gold	
			0.7		113.0	114.0							
			1.6		114.0	116.5							
			1.2		116.5	118.0							
			1.7		118.0	120.0							
			1.5		120.0	124.0							
			1.0		124.0	125.0							
			1.5		125.0	128.0							
			1.1		128.0	130.0							
			1.0		130.0	131.0							
			1.5		131.0	132.5							
			0.7		132.5	133.5							
			1.4		133.5	136.0							
			1.6		136.0	142.0							
			0.9		142.0	143.0							
			3.5		143.0	146.5							
			1.5		146.5	148.0							
			4.0		148.0	153.0							
			4.0		153.0	158.0							
			4.5		158.0	163.0							
			1.5		163.0	173.0							
			0.7		173.0	174.5							
			0.5		174.5	175.5							
			1.3		175.5	177.0							
			1.4		177.0	179.0							
			0.5		179.0	187.0							
			0.8		187.0	189.0							
			0.9		189.0	193.0							
			1.2		193.0	195.0							
			2.6		195.0	203.0							
			1.9		203.0	205.0							
			1.7		205.0	209.0							
			2.4		209.0	213.0							
			2.0		213.0	216.5							
			1.4		216.5	218.0							



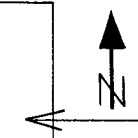
# DIAMOND DRILL RECORD

LOGGED BY \_\_\_\_\_

PROPERTY \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_

D.D.H. No. A-15 PAGE 4

CLAIM No. \_\_\_\_\_



DIRECTION AND DISTANCE FROM  
 NE. CLAIM POST

FOOTAGE		DESCRIPTION	Recovery	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY						
FROM	TO				FROM	TO		Lead	Zinc	Silver	Copper	Gold		
		sidiary shearing on upper limits. Upper contact @ 12° and lower contact @ 6° with core. 283 - 288 ft., Veined with quartz. Rock is ground up to 0.01 ft. and smaller pebbles plus gouge, contains no sulphide minerals.	0.6 2.0 2.5 2.1 0.2		287.0 288.0 290.0 293.0 297.0	288.0 290.0 293.0 297.0 300.0								
300.0	344.0	GRAPHITIC QUARTZ-SERICITE BRECCIA:												
		Sericite nearly all replaced. Rock brecciated and recemented by quartz forming siliceous, hard rock. Intense movement, close drag folds at the graphitic sections of footages 319.5 - 320.9 ft.	0.4 1.7 4.8	261 262 263	300.0 302.3 304.0	302.3 304.0 309.0	2.3 1.7 5.0	Tr. 1.2 1.1	Tr. 3.3 2.5	.12 .60 .28				
		and 333.0 - 340.3 ft. Average mineral content: 30% quartz, 40% pyrite and 4% Pb-Zn which occurs in bands, blotches scattered specks and disseminated. Non-magnetic, no chalco, no carbonate. Gypsum or selenite forming as X's in vugs and filling fractures, less than 1/2% vugs. Breccia fragments sharply angular.	4.9 5.0 4.1 4.5 5.0 5.0	264 265 266 267 268 269 270	309.0 314.0 319.0 324.0 329.0 334.0 339.0	314.0 319.0 324.0 329.0 334.0 339.0 344.0	5.0 5.0 5.0 5.0 5.0 5.0 5.0	1.6 2.4 1.3 1.3 .6 1.1 1.1	3.0 3.8 2.5 1.9 1.9 2.8 3.1	.84 .72 .56 .92 .44 .12 .12				
344.0	352.9	MASSIVE SULPHIDES - BRECCIA:												
		10% quartz, 70% pyrite, 11% Pb-Zn. Not as brecciated as 300 - 344 ft., re-cementing by pyrite and quartz. Section of graphitic schist between 347.6 - 348.3 ft.	4.2 2.0	271 272	344.0 348.5	348.5 352.9	4.5 4.4	3.6 3.6	4.7 7.9	1.04 1.56	0.15	0.02		











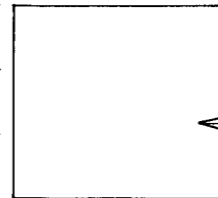





# DIAMOND DRILL RECORD

LOGGED BY \_\_\_\_\_

PROPERTY \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_



D.D.H. No. A-16 PAGE 7

CLAIM No. \_\_\_\_\_  

 DIRECTION AND DISTANCE FROM  
 NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY						
FROM	TO				FROM	TO		Ozs/T Gold	Ozs/T Silver	Lead	Zinc	Copper		
437.0	443.0	QUARTZ-SERICITE SCHIST: Bleached and fresh rock mixed, minor pyrite.	1.0 5.0		437.0 438.0	438.0 443.0								
443.0	446.5	QUARTZ-SERICITE SCHIST: 50% pyrite replacement, occurs in bands. Negligible Pb-Zn, 45% qtz. C.A. 70° @ 445 ft.	3.5	350	443.0	446.5	3.5		1.32	0.1	0.6			
446.5	464.5	MASSIVE SULPHIDES: 70 - 80% pyrite, 2 - 8% magnetite, 15 to 2% quartz, Pb-Zn occurs in bands and in fine disseminations. 446.5 - 452.7 ft: 1 - 2% Pb-Zn 452.7 - 454.6 ft: 3 - 4% Pb-Zn, widely separated streaks; 454.6 - 460.0 ft: 6 - 7% Pb-Zn, wider bands; 460.0 - 464.5 ft: 2 - 3% Pb-Zn, in blobs and streaks  C.A. 70° @ 451 ft., 85° @ 463 ft.	6.2 1.9 5.4 4.5	351 352 353 354	446.5 452.7 454.6 460.0	452.7 454.6 460.0 464.5	6.2 1.9 5.4 4.5		.94	2.7	5.1	1.28	3.1	3.6
464.5	468.0	QUARTZ-GRAPHITE SCHIST: Average 12% graphite, 10% pyrite, 2 - 3% Pb-Zn - in bands. Banding irregular in widths.	2.6	355	464.5	468.0	3.5		.28	1.7	3.1			



# DIAMOND DRILL RECORD

LOGGED BY W.M. SIROLA

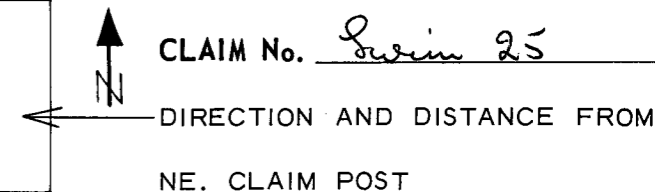
PROPERTY SWIM LAKES "A" GROUP

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

LATITUDE 14,575:20 BEARING OF HOLE S30°W STARTED June 27/66

CLAIM No. Swim 25

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.

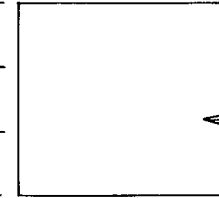
Hole Size H to 5', N to 39', BXZWL to 455'.

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY		
FROM	TO				FROM	TO				Lead	Zinc	Copper
0	47.0	<i>Overburden.</i>										
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 occurring as narrow .0005 ft. bands // to original schistosity. 175 ft. to 273 ft. - 3% Pb-Zn occurring as irregular veinlets, streaks and clots. 0.2% chalco in small veinlets.	3.3	300	171.5	175.0	3.3		.28	.3	.1	
		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.	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	
			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 \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_



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

CLAIM No. \_\_\_\_\_

DIRECTION AND DISTANCE FROM

NE. CLAIM POST

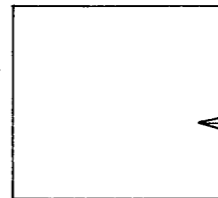
FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY		
FROM	TO				FROM	TO		Gold	Silver	Lead	Zinc	Copper
			4.5	307	220.0	224.5	4.5		.44	Tr.	1.4	
			4.5	308	224.5	229.0	4.5		.72	2.0	2.4	
			5.0	309	229.0	234.0	5.0		.92	2.4	2.7	
			5.0	310	234.0	239.0	5.0		1.12	1.2	1.4	
			5.0	311	239.0	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		<i>Barrel</i>	.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						
		Soft, black, locally drag-folded, unmineralized.	6.4		279.0	286.0						
			5.5		286.0	292.0						
			1.0		292.0	293.0						
		C.A. 80° @ 280 ft., 85° @ 290 ft.	2.0		293.0	295.0						
			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	



# 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. \_\_\_\_\_  
 DIRECTION AND DISTANCE FROM  
 NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY		
FROM	TO				FROM	TO		Gold	Silver	Lead	Zinc	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	1.5		434.5	436.0						
		436.0 - 436.5 ft., 441 - 442 ft. The vein quartz is pyritised and	2.7		436.0	440.0						
		vuggy. Occasional carbonate veinlets occur. Unit is unmineralized.	2.5		440.0	443.0						
		C.A. 70° @ 453 ft.	3.5		443.0	447.0						
			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

D.D.H. No. A-19 PAGE 1

LATITUDE 14,670.66 BEARING OF HOLE S 29° 30' W STARTED July 10, 1966

DEPARTURE 59,293.36 DIP OF HOLE -60° COMPLETED July 20, 1966

ELEVATION (3,560.28) ? DIP TESTS @ 200 ft. = 63°  
@ 400 ft. = 67° 30' DEPTH 498 ft.



CLAIM No. Swim 25

DIRECTION AND DISTANCE FROM

NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY		
FROM	TO				FROM	TO		Gold	Silver	Lead	Zinc	Copper
0	33	OVERBURDEN:										
33	71	QUARTZ-GRAPHITE SCHIST:										
		Medium black, 60% quartz, negligible sulphides, no magnetite. Rock undergone intense movement - small drag folds and offsets. Minor rust along fractures, minor leaching. Poor core recovery, core in pebbles.	3.5		33	38						
		C.A. 50° @ 34 ft.	0.2		38	42						
			0.2		42	43						
			0.7		43	53						
			0.5		53	62						
			0.6		62	69						
			0.2		69	71						
71	83	QUARTZ VEIN (?) AND SERICITIC GRAPHITE SCHIST:										
		Poor core recovery, core in pebbles. Quartz appears to be vein material.	0.2		71	73						
			0.4	334	73	83	10.0		0.32	0.2	TR	
				356	73	83	10.0					
83	113	MASSIVE SULPHIDES:										
		80% pyrite - massive, 5% magnetite, 5% quartz, 3% Pb-Zn - occurs in blotches and blebs. Rock highly leached - minor rust to 103 ft.; 50% oxidization from 103 - 113 ft., vuggy; 50% soft and crumbly.	1.0	335	83.0	85.0	2.0		1.08	2.9	2.9	
			3.5	336	85.0	90.0	5.0		1.14	3.9	3.3	
			0.2	337	90.0	93.0	3.0		1.56	3.3	0.6	
			1.4	338	93.0	99.0	6.0	0.005	1.32	3.8	2.6	0.30
			0.8	339	99.0	100.0	1.0		1.68	9.6	4.9	
		C.A. 50° @ 87 ft., 42° @ 96 ft., 30° @ 99 ft.	1.2	340	100.0	103.0	3.0	0.01	1.52	4.7	3.3	0.48
			1.0	348	103.0	108.0	5.0		2.56	6.9	7.5	
			0.9	349	108.0	113.0	5.0		1.44	5.0	5.3	
				SLUDGE	357	83.0	90.0	7.0				
				"	358	90.0	100.0	10.0	0.6	1.9	1.7	
				"	359	100.0	110.0	10.0	1.2	2.7	1.7	
				"	360	110.0	120.0	10.0	0.92	2.1	1.7	

# 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-19 PAGE 2  
 CLAIM No. \_\_\_\_\_  
 DIRECTION AND DISTANCE FROM  
 NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY		
FROM	TO				FROM	TO		Gold	Silver	Lead	Zinc	Copper
113.0	114.8	QUARTZ VEIN (with pebbles of Sericite Schist and Pyrite)										
		White quartz with a few spots of Pb-Zn.	1.3		113.0	114.8	1.8					
114.8	118.0	QUARTZ-GRAPHITE SCHIST:										
			0.5		114.8	116.0						
			0.5		116.0	118.0						
118.0	123.0	QUARTZ-SERICITE SCHIST:										
		Greenish-gray, fissile, 5% quartz.	0.8		118.0	120.6						
			0.5		120.6	123.0						
123.0	147.0	QUARTZ-SERICITE-GRAPHITE SCHIST:										
		Gray black, slightly fissile, negligible sulphides, minor carbonates.	1.4		123.0	127.5						
			2.5		127.5	131.0						
		C.A. 75° @ 134 ft.	3.8		131.0	135.0						
			1.0		135.0	137.0						
			3.3		137.0	147.0						
		SLUDGE	361		120.0	130.0	10.0		0.84	1.9	1.7	
147.0	170.0	QUARTZ-GRAPHITE-SERICITE SCHIST:										
		Gray color, medium soft but firm. 15% graphite, decreasing to 2% @	1.1		147.0	154.0						
		170 ft., thinly bedded.	6.0		154.0	160.0						
		C.A. 75° @ 160 ft.	3.5		160.0	170.0						
		SLUDGE	362		160.0	170.0	10.0		0.52	1.1	1.3	

# 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-19 PAGE 3

CLAIM No. \_\_\_\_\_  
 DIRECTION AND DISTANCE FROM  
 NE. CLAIM POST

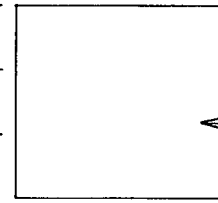
FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY			
FROM	TO				FROM	TO		Gold	Silver	Lead	Zinc	Copper	
170.0	189.0	MASSIVE SULPHIDES:											
		70% pyrite - massive, fine grained, 10% magnetite in wavy streaks or narrow bands, 5% quartz, minor carbonates, 3 - 8% Pb-Zn (Av. 6%) - in bands and clusters. Likely folded structure. Lination of magnetite changes from 65° @ 170 ft., to 20° @ 175 ft., to 65° @ 189 ft. Core recovery very poor from 178.5 - 189.0 ft., just a few grounded pebbles recovered. Hole caving badly.	3.0	341	170.0	173.0	3.0		0.64	1.7	2.0		
			0.6	342	173.0	174.5	1.5		0.68	1.8	2.3		
			1.4	343	174.5	176.0	1.5		0.68	2.0	1.9		
			1.5	344	176.0	178.5	2.5		0.96	4.4	2.3		
			0.9	345	178.5	183.0	4.5		0.64	1.5	1.8		
			0.2	346	183.0	187.0	4.0		1.48	2.7	3.1		
			0.3	347	187.0	189.0	2.0		1.36	3.1	5.1		
				SLUDGE	363	170.0	180.0	10.0		0.52	1.5	1.6	
				"	364	180.0	190.0	10.0		0.64	1.6	1.9	
189.0	216.5	QUARTZ-SULPHIDES:											
		25% pyrite, 8% Pb-Zn appear to occur in masses and blebs, low magnetite. A few pebbles of graphite schist between 206 - 216 ft. Minor blebs of chalco.	0.5	370	189.0	193.0	4.0		0.28	TR	1.9		
			0.3	371	193.0	195.0	2.0		2.92	8.4	9.2		
			0.15	372	195.0	206.0	11.0		1.20	1.7	1.6		
			0.4	373	206.0	216.0	10.0		0.76	2.2	1.9		
		Very poor core recovery: just a few grounded pebbles. Hole filled with caved material. Short of BX Casing so reduced to AX hole at footage 195 ft.	0.3	374	216.0	216.5	0.5		0.64	1.8	3.1		
				SLUDGE	365	190.0	205.0	15.0		0.76	2.2	1.8	
				"	366	205.0	210.0	5.0		0.68	1.7	2.2	
				"	367	210.0	215.0	5.0		0.72	1.8	2.9	
				"	380	215.0	220.0	5.0		0.88	1.7	3.1	
								0.01				0.01	
216.5	249.5	QUARTZ-GRAPHITE SCHIST:											
		5 - 40% graphite, 10 - 20% pyrite, fine grained Pb-Zn disseminated in quartz bands. Minor blebs chalco. Irregular band widths. Numerous fractures - mostly rusty. Numerous, tiny drag folds throughout. Graphite occurs as fine disseminations in quartz ground mass. Rock medium hard, not fissile. Poor core recovery, core broken and grounded.	2.5	375	216.5	220.5	4.0		1.08	3.1	7.7		
			1.3	376	220.5	222.0	1.5		0.92	2.8	6.6		
			1.3	377	220.0	228.0	6.0		1.32	3.9	6.2		
			0.85	378	228.0	230.0	2.0		1.76	5.3	3.1		
			1.1	379	230.0	232.0	2.0		0.52	0.7	1.3		
			0.45	381	232.0	234.0	2.0		0.44	1.1	2.0		
			1.2	382	234.0	237.0	3.0		1.16	4.5	2.3		
			1.0	383	237.0	240.0	3.0		0.68	2.9	3.6		



# 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-19 PAGE 5  
 CLAIM No. \_\_\_\_\_  
 DIRECTION AND DISTANCE FROM  
 NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY		
FROM	TO				FROM	TO				Lead	Zinc	Copper
273.8	280.8	MASSIVE SULPHIDES:										
		Similar to 264.0 - 273.8 ft. but less magnetite (6%) and less Pb-Zn (1%) and slightly more chalco.	4.7	402	273.8	278.8	5.0		.40	Tr.	1.0	
			1.9	403	278.8	280.8	2.0		.72		1.8	
280.8	308.5	MASSIVE SULPHIDES:										
		Mainly massive, fine grained pyrite, nil to 5% magnetite (av. 2%), negligible chalco, minor Pb-Zn widely scattered.	10.2	404	280.8	291.0	10.2		.64	Tr.	.6	
			3.0	405	291.0	294.0	3.0		.32	Tr.	.3	
			4.8	406	294.0	298.8	4.8		.44	.5	1.5	
			5.0	407	298.8	303.8	5.0		.56	.7	1.7	
		C.A. Lineation of magnetite: 53° @ 296 - 308 ft.	4.7	408	303.8	308.5	4.7		1.12	2.2	1.7	
308.5	347.4	QUARTZ-GRAPHITE SCHIST:										
		Gray-black, slightly fissile, drag folded and producing undulating bedding and fractures. 3 - 4% pyrite occurring as blebs within the quartz bands and as tiny veinlets // to and also crossing bedding.	1.8		308.5	311.0						
			4.5		311.0	316.0						
		A few widely scattered spots of Pb-Zn-Cu. Minor leaching between footages 322 - 347.4 ft. producing tiny holes in the quartz-sulphide bands.	1.2		316.0	321.0						
			1.0		321.0	323.0						
			1.2		323.0	329.0						
		C.A. 60° @ 310 ft., 80° @ 312 - 339 ft., 85° @ 347 ft.	4.3		329.0	334.0						
			3.6		334.0	338.0						
			1.0		338.0	339.5						
			1.1		339.5	344.0						
			1.6		344.0	347.4						



# 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'

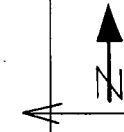
COMPLETED July 30, 1966

ELEVATION 3,621.38

DIP TESTS @ 200 ft True angle = 53°  
@ 400 ft True angle = 59°

DEPTH 414 ft.

CLAIM No. Swim 10



DIRECTION AND DISTANCE FROM

NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY		
FROM	TO				FROM	TO		Gold	Silver	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 4.2		110.2 113.0	113.0 117.2						
117.2	146.0	QUARTZ-SERICITE-GRAPHITE SCHIST:										
		Grayish-black, slightly fissile. Minor movement // to bedding. C.A. 65° @ 132.5 ft., 40° @ 137 ft., 75° @ 144 ft. Lost Water @ 145 ft., a small amount returning.	17.3		117.2	146.0						



# DIAMOND DRILL RECORD

LOGGED BY \_\_\_\_\_

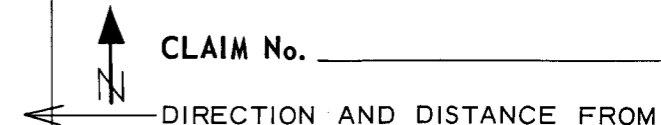
PROPERTY \_\_\_\_\_

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

LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_

CLAIM No. \_\_\_\_\_

DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_



ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_

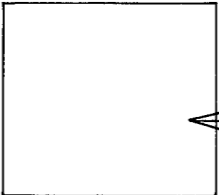
NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY		
FROM	TO				FROM	TO		Gold	Silver	Lead %	Zinc %	Copper
170.6	182.0	MASSIVE SULPHIDES:										
		80% pyrite - fine-grained, massive. Banded Pb-Zn unevenly separated, negligible magnetite. Less than 1% Pb-Zn between 170.6 - 173.9 ft. and 4% Pb-Zn between 173.9 - 182 ft.	3.3	421	170.6	173.9	3.6		.92	1.7	2.9	
		LINEATION 75° to 50°	8.0	422	173.9	182.0	8.1		2.28	5.5	6.9	
					<i>Composite samples 417 - 423</i>				TR			0.15
182.0	192.2	QUARTZ-GRAPHITE SCHIST:										
		Highly siliceous rock, all the graphite bands and some of the quartz have been dragged and contorted, minor carbonate mixed. Much fracturing with quartz-carbonate filling. Most of the pyrite occurs 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.	5.0	423	182.0	187.0	5.0		.88	1.2	3.3	
			3.6	424	187.0	190.6	3.6		.60	1.4	2.5	
			1.6	425	190.6	192.2	1.6		.26	.1	.1	
192.2	197.0	QUARTZ-SERICITE SCHIST:										
		Bleached but shows only minor folding, 50% bedded quartz vein - barren except for blotches of magnetite (20%), 5% pyrite - in bands. C.A. 60° @ 195 ft.	2.9		192.2	197.0						
		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% pyrrhotite with pyrite - banded, irregular separations, spot of Pb-Zn-Cu.	7.5		197.0	204.5						

# DIAMOND DRILL RECORD

LOGGED BY \_\_\_\_\_

PROPERTY \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_



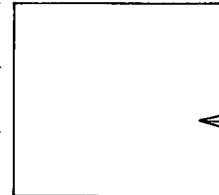
D.D.H. No. A-20 PAGE 4  
 CLAIM No. \_\_\_\_\_  
 DIRECTION AND DISTANCE FROM  
 NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY		
FROM	TO				FROM	TO		Gold	Silver	Lead %	Zinc %	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 \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_



D.D.H. No. A-20 PAGE 5  
 CLAIM No. \_\_\_\_\_  
 DIRECTION AND DISTANCE FROM  
 NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY		
FROM	TO				FROM	TO		Gold	Silver	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		<i>Reman</i>	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 FRED CHOW

*Mark U*

PROPERTY SWIM LAKES "A" GROUP

D.D.H. No. A-21

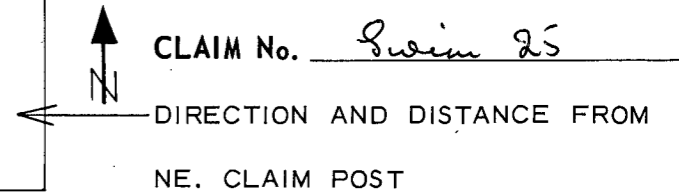
PAGE 1

LATITUDE 14,922.62 BEARING OF HOLE S 28° 04' W STARTED July 16, 1966

DEPARTURE 59,671.23 DIP OF HOLE -58° 30' COMPLETED July 26/66

ELEVATION 3,469.28 DIP TESTS @ 200 ft: 61° @ 400 ft: 67° 30' DEPTH 494 ft.

3469.28

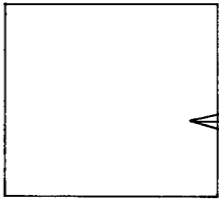



FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY		
FROM	TO				FROM	TO		Gold	Silver	Lead %	Zinc %	Copper
0	29	OVERBURDEN:										
29	135.0	QUARTZ-SERICITE SCHIST:	Lost Core		29.0	44.0						
		Bleached to buff colour, slightly leached, rock firm. 2 - 10% pyrrhotite with some pyrite - occurs in bands and streaks, drag-folded locally; minor magnetite, speck of chalco.	20.0		44.0	90.0						
		Rock similar to the upper bleached section of D.D.Hole A-9 & A-13 C.A. 67° @ 45 ft. and 90 ft., 70° @ 102 ft.	35.0		90.0	135.0						
135.0	166.0	QUARTZ-SERICITE SCHIST:										
		Similar to 29 - 135 ft. except sulphide content = 2 - 5% pyrite with some pyrrhotite. C.A. 55° @ 139 ft., 45° @ 162 ft.	30.0		135.0	166.0						
166.0	197.0	QUARTZ-SERICITE SCHIST:										
		Similar to 29 - 135 ft. 10% leached @ 191 - 192 ft. C.A. 60° @ 167 to 188 ft.	27.0		166.0	197.0						
197.0	215.0	QUARTZ-SERICITE SCHIST:										
		Totally bleached, tacy, partly kaolinized. 25% leached between 198 - 200 ft. (-probable shear @ 20°). Negligible sulphides. 212 - 214.5 ft: Brecciated, rounded sulphide fragments.	7.5		197.0	215.0						

# 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-21 PAGE 2  
 CLAIM No. \_\_\_\_\_  
  
 DIRECTION AND DISTANCE FROM  
 NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY		
FROM	TO				FROM	TO		Gold	Silver	Lead %	Zinc %	Copper
215.0	231.5	QUARTZ-SERICITE SCHIST:  Bleached, 15 - 20% pyrite and pyrrhotite in irregular bands, slightly kaolinized. C.A. 45° @ 221 ft.	12.0		215.0	231.5						
231.5	253.5	QUARTZ-SERICITE SCHIST:  Totally bleached, moderately talcy and kaolinized, no sulphides. C.A. 50° @ 245 ft.	13.0		231.5	253.5						
253.5	278.0	QUARTZ-SERICITE SCHIST:  Similar to 215 - 231 ft. 262.5 - 263.4: 50% pyrrhotite/pyrite, 0.1% Cu, no Pb-Zn 270 - 278 ft.: chloritized, 10% pyrrhotite and pyrite, drag-folded. C.A. 60° @ 256 ft.	22.0		253.5	278.0						
278.0	304.1	QUARTZ-SERICITE SCHIST:  Bleached, drag-folded. 10% pyrrhotite - pyrite. 297 - 304 ft: highly fractured. 300 - 304 ft: brecciated, 0.01 and smaller rounded fragments.  C.A. 60° @ 289 ft.	24.0		278.0	304.1						



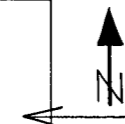
# DIAMOND DRILL RECORD

LOGGED BY \_\_\_\_\_

PROPERTY \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_

D.D.H. No. A-21 PAGE 4

CLAIM No. \_\_\_\_\_



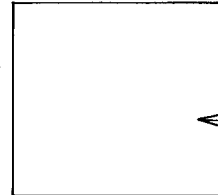
DIRECTION AND DISTANCE FROM  
 NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY		
FROM	TO				FROM	TO		Gold	Silver	Lead %	Zinc%	Copper
347.0	372.0	QUARTZ-SERICITE SCHIST:										
		40 - 60% bleached otherwise similar to 336 - 347 ft. Highly fractured, contorted in sections. 40% quartz, 2 - 3% pyrrhotite and pyrite, mainly mineralized after fracturing occurred; chalcopryrite mineralization continues though slightly lower grade - 0.1% Cu to 353 ft. and less than 0.1% Cu from 353 - 369 ft.	25.0		347.0	372.0						
		Shear @ 372 ft. C.A. 50° @ 357 ft., 55° @ 367 ft.										
372.0	398.7	QUARTZ-SERICITE SCHIST:										
		90% bleached, slightly talcy, minor fractures, negligible movement. A few widely separated bands of Pb-Zn (376 - 389 ft.), negligible chalcopryrite, 20% quartz.	27.7		372.0	398.7						
		C.A. 55° @ 375 ft., 60° @ 395 ft.										
398.7	405.0	QUARTZ-SERICITE SCHIST:										
		50% pyrite replacement, occurs as massive and banded mineralization, 3% magnetite - in blotches, 5% sericite remaining, spot of chalcopryrite, 0.3 - 3.0% Pb-Zn (Av. 1.5%)	2.5	449	398.7	401.3	2.6	.52	.2	.6		
		C.A. 60° @ 401 ft.	3.7	450	401.3	405.0	3.7	.64	.4	1.7		
405.0	409.2	MASSIVE SULPHIDES:										
		95% pyrite, fine-grained, massive, no magnetite, no Pb-Zn	4.0	451	405.0	409.2	4.2	.08	Tr.	Tr.		

# 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-21 PAGE 5  
 CLAIM No. \_\_\_\_\_  
 DIRECTION AND DISTANCE FROM  
 NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY		
FROM	TO				FROM	TO		Gold	Silver	Lead %	Zinc %	Copper
409.2	412.0	QUARTZ-SERICITE SCHIST:										
		60% pyrite replacement, 5% sericite, 3% Pb-Zn-occurs in irregular bands.	2.7	452	409.2	412.0	2.8		.52	Tr.	1.0	
412.0	417.3	QUARTZ-GRAPHITE SCHIST:										
		Thinly banded graphite and quartz-sulphides, 25 - 30% graphite, 15 - 20% pyrite. Siliceous and hard. 4 - 5% Pb-Zn. C.A. 65°	5.2	453	412.0	417.3	5.3		.72	2.2	3.6	
								0.01				0.15
417.3	426.6	QUARTZ-SERICITE SCHIST:										
		Average 40% pyrite replacement, 3% magnetite, 3% sericite and 2 - 9% Pb-Zn (Av. 4 - 5%) all occurring in bands. C.A. 70° @ 423 ft.	4.6	454	417.3	421.9	4.6		1.28	1.9	3.1	
			4.6	455	421.9	426.6	4.7		1.52	3.3	3.9	
426.6	432.5	QUARTZ-SERICITE SCHIST:										
		Less than 5% quartz, minor pyrite and magnetite, mainly sericite schist, 2 - 3% Pb-Zn - in streaks between 426.6 - 432.5 ft.	3.5	456	426.6	430.2	3.6		.66	1.4	1.9	
			2.0		430.2	432.5						



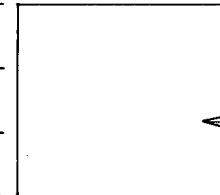




# DIAMOND DRILL RECORD

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		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY		
FROM	TO				FROM	TO		Gold	Silver	Lead %	Zinc %	Copper
261.0	281.0	QUARTZ-CHLORITE-SERICITE SCHIST:										
		20% alteration, slightly bleached, 60% leached @ 262 - 263.5 ft., and slightly leached. 25% quartz, 30% chlorite, negligible pyrrhotite - pyrite. C.A. 65° @ 270 ft.	19.0		261.0	281.0						
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. C.A. 55° @ 308 ft., 85° @ 327 ft.	71.0		281.0	355.0						
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. C.A. 75 - 80°	32.0		355.0	387.0						
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 FRED CHOW

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

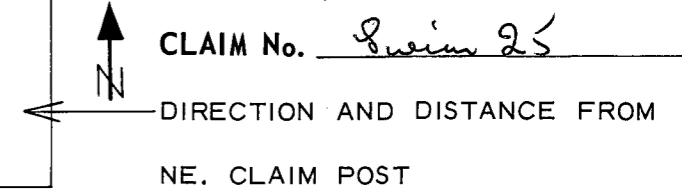
LATITUDE 14,471.80 N BEARING OF HOLE S 32° 12' W STARTED August 1, 1966

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

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

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

CLAIM No. Swim 25



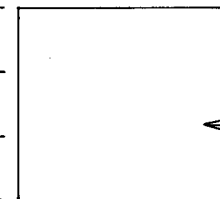
\* Bottom 200' (See Remarks)


FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY				
FROM	TO				FROM	TO		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 veinlets. Local drag-folds, 5% oxidation. C.A. 40° from 39 - 59 ft.	2.0		16.0	39.0						
			14.0		39.0	71.0						
71.0	94.0	QUARTZ-GRAPHITE-SERICITE SCHIST:										
		Gray color, 10% oxidation, minor leaching. Possible shear @ 73 - 74 ft. No sulphides. 25% graphite, 25% quartz. C.A. 65° @ 82 ft.	15.0		71.0	94.0						
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 bedding. No sulphides. C.A. 60°	9.0		104.0	119.0						

# 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-23 PAGE 2  
 CLAIM No. \_\_\_\_\_  
  
 ← DIRECTION AND DISTANCE FROM  
 NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY		
FROM	TO				FROM	TO		Gold	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						

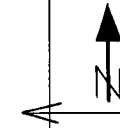
# DIAMOND DRILL RECORD

LOGGED BY \_\_\_\_\_

PROPERTY \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_

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

CLAIM No. \_\_\_\_\_



DIRECTION AND DISTANCE FROM

NE. CLAIM POST

\* Too small to run for Silver

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY		
FROM	TO				FROM	TO		Gold	Silver	Lead %	Zinc %	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						

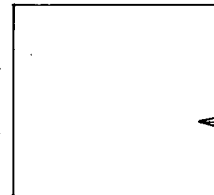





# DIAMOND DRILL RECORD

LOGGED BY \_\_\_\_\_

PROPERTY \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_



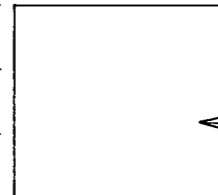
D.D.H. No. A-24 PAGE 2  
 CLAIM No. \_\_\_\_\_  
  
 DIRECTION AND DISTANCE FROM  
 NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY		
FROM	TO				FROM	TO		Gold	Silver	Lead %	Zinc %	Copper
63.7	83.5	MASSIVE PYRITE:										
		90% pyrite - fine grained, massive, 3% magnetite - in widely separated bands and blotches (mainly between 63.7 - 70 ft.) negligible Pb-Zn. C.A. 65° @ 65 ft., 40° @ 82 ft.	9.0	486	63.7	73.7	10.0		.64	.4	Tr.	
			9.5	487	73.7	83.5	9.8		.64	.7	Tr.	
83.5	102.0	MASSIVE SULPHIDES:										
		70% pyrite and 2% pyrrhotite in siliceous matrix showing faint banding with quartz bands which contain 1 - 20% graphite (overall graphite = 0.25%). These quartz-graphitic bands are broken from a thread width 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 102 ft.	6.5	488	83.5	90.0	6.5		.44	.2	.5	
			6.0	489	90.0	96.0	6.0		.84	2.4	1.9	
			5.8	490	96.0	102.0	6.0		.64	1.2	1.1	
102.0	117.8	QUARTZ-SERICITE SCHIST:										
		Sericite 98% replaced. 45% pyrite, 5% pyrrhotite, 15% magnetite and 6% Pb-Zn occurring in slightly undulating bands. Average 0.2% Cu - in widely scattered veinlets and blebs. C.A. 45° @ 110 ft., 25° @ 117 ft.	5.8	491	102.0	107.8	5.8		0.96	2.3	2.5	
			5.0	492	107.8	112.8	5.0					
			5.0	493	112.8	117.8	5.0		1.36	2.6	1.4	
									1.08	2.1	2.9	

# 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 3  
 CLAIM No. \_\_\_\_\_  
 DIRECTION AND DISTANCE FROM  
 NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY		
FROM	TO				FROM	TO		Gold	Silver	Lead %	Zinc %	Copper
117.8	127.0	QUARTZ-SERICITE SCHIST:										
		Sericite totally replaced. 30% pyrrhotite and 15% pyrite - occurs in irregular bands; 2% magnetite and 3% Pb-Zn - occurs in scattered disseminations within the sulphide bands. 0.2% Cu occurs as blebs and 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.	5.0	494	117.8	122.8	5.0		0.84	0.6	2.2	
			4.2	495	122.8	127.0	4.2		0.56	1.3	2.1	
127.0	142.0	QUARTZ-SERICITE SCHIST:										
		Moderately bleached, not folded, moderately fractured. Siliceous @ 138 - 142 ft., 25% quartz, 15% pyrite-pyrrhotite, 5% Pb-Zn - banded, irregular and broken; 0.15% Cu. C.A. 25° - 30° from 127 ft. to 134 ft., 45° @ 136 ft., 60° @ 140 ft.	5.0	496	127.0	132.0	5.0		0.36	0.6	2.5	
			2.8	497	132.0	137.0	5.0		0.32	1.2	2.7	
			2.6	498	137.0	142.0	5.0		0.60	1.2	2.6	
				SLUDGE 525	125.0	130.0	5.0		0.68	1.4	2.6	
			"	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:										
		Sericite totally replaced, banding faintly visible. Sulphides and magnetite content in varying amounts, silica occupies remainder of rock.	2.8	499	142.0	147.5	5.5		0.64	1.1	1.4	
			3.3	500	147.5	151.7	4.2		0.64	0.6	0.1	
			4.5	509	151.7	156.6	4.9		1.28	2.3	2.4	
			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		2.08	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		1.16	2.5	2.8	
		173.3 - 175.4 ft: 65% pyrite, 6% magnetite, 0.02% Cu, 5% Pb-Zn	5.0	515	182.4	187.4	5.0		2.20	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	See overload							

# DIAMOND DRILL RECORD

LOGGED BY \_\_\_\_\_

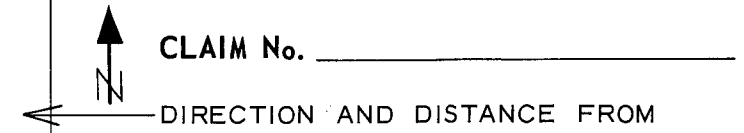
PROPERTY \_\_\_\_\_

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

LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_

CLAIM No. \_\_\_\_\_

DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_



ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_

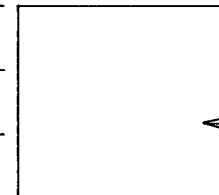
NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY		
FROM	TO				FROM	TO		Gold	Silver	Lead %	Zinc %	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	0.4	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	2.4	2.4	
		"	"	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". 209 - 211 ft: quartz vein with minor schist mixed.	8.0		203.0	211.0						
211.0	264.0	QUARTZ-GRAPHITE SCHIST:										
		Intense rock movement, local drag-folds. Negligible sulphides, no Pb-Zn	3.3		211.0	214.3						
		213 - 214 ft: Quartz with 30% pyrite at tower contact (55°)	4.0		214.3	224.0						
			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 \_\_\_\_\_



D.D.H. No. A-24 PAGE 5

CLAIM No. \_\_\_\_\_



DIRECTION AND DISTANCE FROM  
 NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY		
FROM	TO				FROM	TO		Gold	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:										
		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.	3.3 10.5	519	274.0 278.6	278.6 292.0	4.6	0.80	1.3	2.1		
		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 FRED CHOW

PROPERTY SWIM LAKES "A" GROUP

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

LATITUDE 14,183.82

BEARING OF HOLE /

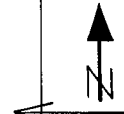
STARTED July 30/66

CLAIM No. Swim 23

DEPARTURE 60,170.27

DIP OF HOLE -90

COMPLETED stopped hole Aug. 10/66



DIRECTION AND DISTANCE FROM

ELEVATION 3,575.79

DIP TESTS /

DEPTH 368 ft.

NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY		
FROM	TO				FROM	TO		Gold	Silver	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

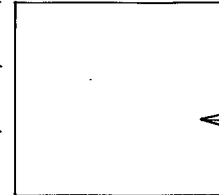
LOGGED BY \_\_\_\_\_

PROPERTY \_\_\_\_\_

LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_

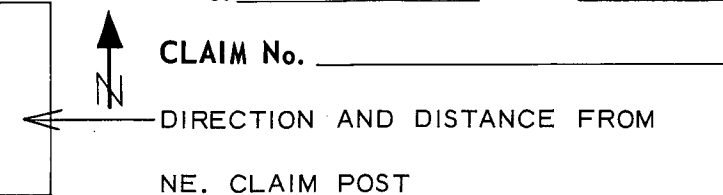
DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_

ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_



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

CLAIM No. \_\_\_\_\_



FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY		
FROM	TO				FROM	TO		Gold	Silver	Lead %	Zinc %	Copper
219.9	246.0	QUARTZ-CHLORITE - SERICITE SCHIST:										
		Not bleached, mild alteration. 20% quartz, 10% chlorite - occurs in blotches. 219.9 - 229.0 ft: 3% magnetite - disseminated and in blebs, 2% pyrrhotite blebs and 0.5% pyrite; 229 - 246 ft: 1% 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.	13.0		219.9	233.0						
			3.6	475	233.0	236.8	3.8		1.02	2.6	1.6	
			10.6		236.8	246.0						
246.0	257.0	QUARTZ-CHLORITE-SERICITE-GRAPHITE SCHIST:										
		Mild alteration, gray color, moderately fissile. 15% quartz, 10% 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.	9.5		246.0	257.0						
257.0	262.0	QUARTZ-CHLORITE-GRAPHITE-SERICITE SCHIST:										
		Grayish-black color. Moderate alteration. Quartz veinlet @ 258.3 - 259.2 ft. 25% quartz, 5% chlorite - in bands, 15% graphite - in bands and streaks, no sulphides.	5.0		257.0	262.0						
262.0	269.5	QUARTZ-GRAPHITE-SERICITE SCHIST:										
		Similar to 257 - 262 ft. except no chlorite and less quartz (15%). Local drag folds. C.A. 65° @ 265 ft., 75° @ 269 ft.	7.0		262.0	269.5						

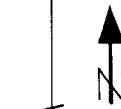
# DIAMOND DRILL RECORD

LOGGED BY \_\_\_\_\_

PROPERTY \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_

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

CLAIM No. \_\_\_\_\_



DIRECTION AND DISTANCE FROM

NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T	Ozs/T	ASSAY		
FROM	TO				FROM	TO		Gold	Silver	Lead %	Zinc %	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

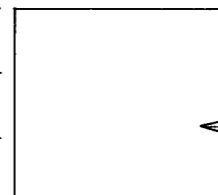
LOGGED BY \_\_\_\_\_

PROPERTY \_\_\_\_\_

LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_

DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_

ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_


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


CLAIM No. \_\_\_\_\_

DIRECTION AND DISTANCE FROM

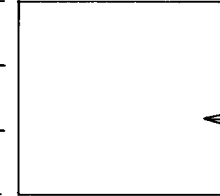
NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY		
FROM	TO				FROM	TO		Gold	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. Lamination @ 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 \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_



D.D.H. No. A-25 PAGE 6  
 CLAIM No. \_\_\_\_\_  
 DIRECTION AND DISTANCE FROM  
 NE. CLAIM POST

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





# DIAMOND DRILL RECORD

LOGGED BY \_\_\_\_\_

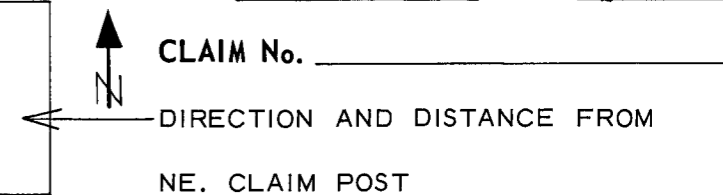
PROPERTY \_\_\_\_\_

D.D.H. No. A-26 PAGE 2

LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_

CLAIM No. \_\_\_\_\_

DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_



ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY		
FROM	TO				FROM	TO		Gold	Silver	Lead %	Zinc %	Copper
113.0	195.0	QUARTZ-SERICITE SCHIST:										
		Buff gray color. Slightly bleached. Sulphide content increases from 3% @ 113 ft. to 12% @ 131 ft. 131 - 150 ft. = 12%, 150 - 190 ft. = 6%, 190 - 195' = 3%. Sulphide bands vary from streaks to 0.03 ft. in width, irregularly spaced, drag-folded throughout. Sulphides mainly pyrrhotite (magnetic) with minor pyrite, odd speck chalcopyrite, no Pb-Zn.	80.0		113.0	195.0						
		Undulating bedding: C.A. 55° @ 119 ft., 45° @ 131 ft., 68° @ 141 ft., 45° @ 145 ft., 75° @ 147 ft., 60° @ 163 ft., 55° @ 189 ft., 60° @ 195 ft.										
195.0	211.9	QUARTZ-CHLORITE-SERICITE SCHIST:										
		Not bleached, less drag-folds, greenish-gray color, 25% quartz, 5 - 20% chlorite - occurs as blebs and in broken bands, 4% pyrrhotite - irregular bands, spaced widely apart, minor pyrite, negligible magnetite. Negligible chalcopyrite - in blebs, odd spot or streak of Pb-Zn.	16.5		195.0	211.9						
		C.A. 67° @ 210 ft.										
211.9	225.5	QUARTZ-SERICITE SCHIST:										
		Similar to above 195 - 211.9 ft., except no drag-folds and an increase in Pb-Zn mineralization. The latter occur in narrow scattered bands between the following footages: 211.9 - 212.1 ft., 213.5 - 213.6 ft., 215.5 - 215.6 ft., 218 ft., and 220.8 - 222.8 ft. (several bands). Each band contains 15% or higher Pb-Zn mineralization plus magnetite.	8.7		211.9	220.8						
		C.A. 65° @ 215 ft., 70° @ 224 ft.	1.6	534	220.8	222.8	2.0		.50	1.6	2.4	
			2.2		222.8	225.5						

# DIAMOND DRILL RECORD

LOGGED BY \_\_\_\_\_

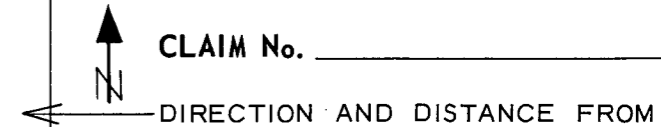
PROPERTY \_\_\_\_\_

D.D.H. No. A-26 PAGE 3

LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_

CLAIM No. \_\_\_\_\_

DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_



ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_

NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY		
FROM	TO				FROM	TO		Gold	Silver	Lead %	Zinc %	Copper
225.5	238.7	QUARTZ-SERICITE SCHIST:										
		Slightly to moderately bleached. 20% quartz, 4% pyrrhotite, minor pyrite, negligible Pb-Zn-Cu. C.A. 75° @ 233 ft.	11.4		225.5	238.7						
238.7	257.0	QUARTZ-SERICITE SCHIST:										
		Similar to above. 238.7 - 243 ft. pyrrhotite 6%, 243 - 257 ft. - pyrrhotite average 40% with pyrite, 0.05% Cu blebs. C.A. 65° @ 245 ft., 70° @ 250 ft.	18.0		238.7	257.0						
257.0	330.8	QUARTZ-CHLORITE-SERICITE SCHIST:										
		Alternate sections of quartz-chlorite-sericite and quartz-sericite schist. Greenish gray and light gray color. Chlorite sections contain 1 - 10% chlorite. Non-chlorite sections show unusually high quartz - up to 60%, and generally show lensing of quartz. Negligible pyrite and pyrrhotite. 319 - 330.8 ft. Slightly bleached. C.A. 75° @ 263 ft., 70° @ 289 ft., 70° @ 323 ft.	70.0		257.0	330.8						
330.8	335.0	QUARTZ-SERICITE SCHIST:										
		Totally bleached to buff color. Intense rock movement at 331 ft., slips 5.2 between 332.2 - 333 ft. @ 30° and 45° to core - mineralized with 50% pyrrhotite.			330.8	335.0						

# DIAMOND DRILL RECORD

LOGGED BY \_\_\_\_\_

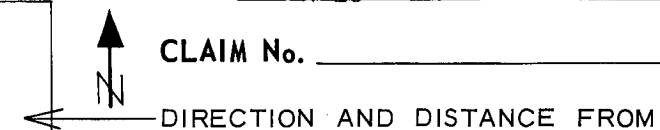
PROPERTY \_\_\_\_\_

D.D.H. No. A-26 PAGE 4

LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_

CLAIM No. \_\_\_\_\_

DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_



ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_

NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY		
FROM	TO				FROM	TO		Gold	Silver	Lead %	Zinc %	Copper %
335.0	354.5	QUARTZ-SERICITE SCHIST:										
		Grayish color, slight alteration, minor local drag-folds. Widely spaced sulphide bands of irregular width. 5% pyrrhotite, 1% pyrite, negligible Pb-Zn mineralization, specks shown @ 336.8 - 337.7 ft., 342.0 - 342.5 ft., and 345 ft., odd veinlet of chalcopyrite, minor magnetite. Slight leaching along some bands from 352 - 354.5 ft. C.A. 70° @ 343 - 354 ft.	19.3		335.0	354.5						
354.5	368.5	QUARTZ-CHLORITE-SERICITE SCHIST:										
		Greenish-gray color, slightly bleached, 3% leaching along some bands. Minor slips and fractures, no folds. 10% pyrrhotite and 2% pyrite - occur in streaks and bands up to 0.05 ft. wide, 3% magnetite in blobs, negligible chalcopyrite - occur in fractures, no Pb-Zn.	14.0		354.5	368.5						
368.5	386.0	QUARTZ-SERICITE-SCHIST:										
		Moderately bleached - buff color, 1% leached along some bands, minor local drag folds. 2% pyrrhotite, 2% pyrite, minor magnetite. No Pb-Zn-Cu. C.A. 80° @ 385 ft.	17.5		368.5	386.0						
386.0	402.5	QUARTZ-CHLORITE-SERICITE SCHIST:										
		Similar to above 335 - 354.5 ft., with 5-10% chlorite, except slight increase in pyrite and chalcopyrite. Slight leaching along bedding. C.A. 78° @ 387 ft., 70° @ 400 ft.	16.5		386.0	402.5						

# DIAMOND DRILL RECORD

LOGGED BY \_\_\_\_\_

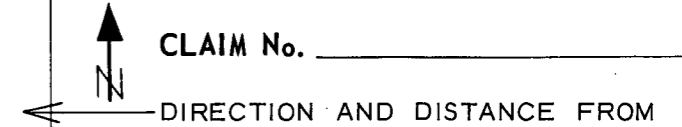
PROPERTY \_\_\_\_\_

D.D.H. No. A-26 PAGE 5

LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_

CLAIM No. \_\_\_\_\_

DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_



ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_

NE. CLAIM POST

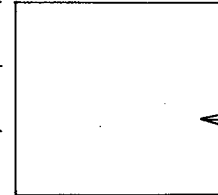
FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY		
FROM	TO				FROM	TO		Gold	Silver	Lead %	Zinc %	Copper %
402.5	422.0	QUARTZ-CHLORITE-SERICITE SCHIST:										
		Grey-buff color, moderate bleaching, 2% leaching along some bands, much drag-folding and movement parallel to bedding. A few small slips, moderate fracturing - filled with pyrrhotite, pyrite and chalcopyrite. Sulphide bands highly irregular in width and spacing, varying from streaks to 0.3 ft. Average 8% pyrrhotite, 7% pyrite, and minor chalcopyrite, 1 - 10% chlorite in bands and lenses. C.A. Average 72°.	18.5		402.5	422.0						
422.0	427.0	QUARTZ-SERICITE SCHIST:										
		Totally bleached to buff color, 15% leached, moderate fracturing. 2% pyrite - pyrrhotite, 0.05% Cu, in blebs and filling fractures. Last 1.5 ft. of section exhibits close drag folding offset by numerous tiny faults veined with carbonate.	4.7		422.0	427.0						
427.0	428.0	BRECCIA ZONE:										
		Angular fragments of sericite schist in buff colored carbonate matrix. 3% pyrite - pyrrhotite plus minor chalcopyrite in fragments.	1.0		427.0	428.0						
428.0	432.5	QUARTZ-SERICITE SCHIST:										
		20% pyrite - pyrrhotite - in irregular bands generally following schistosity but also fracture controlled. 5% magnetite occurring with the pyrite. 0.2% Cu in fractures. C.A. Average 70° - 75°	4.5		428.0	432.5						



# 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-26 PAGE 7  
 CLAIM No. \_\_\_\_\_  
 DIRECTION AND DISTANCE FROM  
 NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Dzs/T		ASSAY		
FROM	TO				FROM	TO		Gold	Silver	Lead %	Zinc %	Copper %
476.0	516.0	QUARTZ-CHLORITE-SERICITE SCHIST:  Soft, pale gray, locally fissile, becoming more bleached and kaolinized from 505 - 516 ft. Minor pyrite - pyrrhotite, C.A. Average 75°	40.0		476.0	516.0						
516.0	517.8	MASSIVE PYRITE:  5% magnetite, no Pb-Zn, 0.05% Cu.	1.8		516.0	517.8						
517.8	521.0	QUARTZ-CHLORITE-SERICITE SCHIST:  As from 476.0 - 516.0	3.2		517.8	521.0						
521.0	549.5	QUARTZ-SERICITE-GRAPHITE SCHIST:  20% quartz, 60% graphite, 15% sericite, minor pyrite. 527 - 527.2' massive pyrite, 15% Pb-Zn. Chevron fold @ 521.3 with axial plane @ 70° to core. Vein quartz from 537.5 - 541.0 ft., except for 0.3 ft. of pyritized graphitic schist @ 538.5 ft. C.A. Average 70°	20.3		521.0	549.5						
549.5	565.0	SILICIFIED QUARTZ-SERICITE SCHIST:  85% quartz, 5% sericite, 5% pyrite, 0.1% Cu. Only 1 ft. of core	1.0		549.5	565.0						



# DIAMOND DRILL RECORD

LOGGED BY FRED CHOW

PROPERTY Swim Lakes "A" Group

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

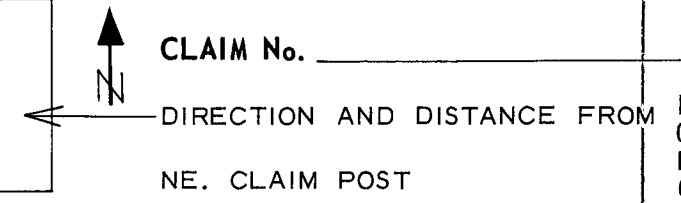
LATITUDE 14,709.16 N BEARING OF HOLE S 27° 15' W STARTED August 13, 1966

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

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

@ 400' True angle = 66° 45'

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



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

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





# 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-28 PAGE 2

CLAIM No. \_\_\_\_\_



DIRECTION AND DISTANCE FROM  
 NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	OZS/T OZS/100 ASSAY						
FROM	TO				FROM	TO		Gold	Silver	Pb	Zn	Cu		
150.0	173.0	Quartz-Graphite-Sericite Schist:  Black graphitic sections interspersed with shorter, greyer, more sericitic core. Abundant vein quartz, occurring as 0.2 ft. - 0.3 ft. veinlets. No mineralization except for minor Pb-Zn in quartz veinlets. Numerous tight drag-folds with axes paralleling schistosity. C.A. Average 150 - 159 ft., = 40°, 159 - 173 ft. = 60°	13.0		150.0	173.0								
				540	165.0	173.0	8.0		.88	1.3	1.2			
173.0	174.0	MASSIVE PYRITE:  75% pyrite, 4 - 5% fine Pb-Zn.	0.3	590	173.0	174.0	1.0		1.32	3.9	4.8			
174.0	178.5	BLEACHED, KAOLINIZED-SERICITE SCHIST:  Core largely a crumbly mass of quartz and kaolin.	2.0		174.0	178.5								
178.5	181.0	MASSIVE PYRITE WITH QUARTZ VEINLETS:  75% pyrite, 20% quartz veinlets, 8% Pb-Zn.	1.0	591	178.5	181.0	1.5		1.08	2.4	2.7			
				541	173.0	180.0	7.0		.60	.7	.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-28 PAGE 3

CLAIM No. \_\_\_\_\_



DIRECTION AND DISTANCE FROM  
 NE. CLAIM POST

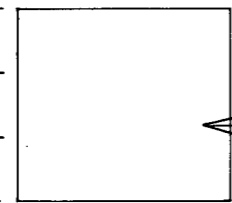
FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T	Ozs/T	ASSAY		
FROM	TO				FROM	TO		Gold	Silver	Pb	Zn	Cu
181.0	195.0	QUARTZ-SERICITE-SCHIST:										
		20% quartz, 70% sericite and kaolin, 2% pyrite, 2% magnetite. Cream colored, soft. 1 - 2% Pb-Zn as thread-like bands // schistosity. 0.5 ft. vein quartz at top of section.	10.0	592	181.0	192.5	11.5	.06	.4	.1		
		Average C.A. 70°.	2.0	593	192.5	195.0	2.5	Tr.	.2	Tr.		
				SLUDGE 542	180.0	185.0	5.0	1.20	2.2	2.3		
				SLUDGE 543	185.0	190.0	5.0	.62	1.2	.7		
				SLUDGE 544	190.0	195.0	5.0	.64	.7	1.0		
195.0	202.0	QUARTZ-SERICITE SCHIST:										
		40% quartz, 15% pyrite, 2% Pb-Zn.	3.0	594	195.0	202.0	7.0	.36	1.3	.4		
		197.0 - 198.8 ft: Quartz-sericite-graphite schist with negligible sulphides. Possible shear @ 200 - 202 ft. - quartz and brecciated, last 0.1 ft. of core show higher Pb-Zn values. 2% leached, rusty bedding and fractures.										
				SLUDGE 545	195.0	200.0	5.0	.50	.3	.4		
				SLUDGE 546	200.0	205.0	5.0	1.32	2.6	2.4		
202.0	226.0	MASSIVE SULPHIDES:										
		Massive, fine-grained pyrite, no fractures or rust. 202 - 220 ft., negligible Pb-Zn; 220 - 226 ft., leached and vuggy bands parallel schistosity, 90% pyrite, 5% Pb-Zn. Core ground up in pieces.	0.4	595	202.0	220.0	18.0	1.28	2.1	2.6		
			0.2	596	220.0	226.0	6.0	1.72	4.2	6.8		
				SLUDGE 547	205.0	210.0	5.0	.44	1.5	1.1		
		C.A. 65°.		SLUDGE 548	210.0	215.0	5.0	1.68	3.9	4.1		
				SLUDGE 549	215.0	217.0	2.0	2.84	6.8	8.9		
				SLUDGE 580	217.0	226.0	9.0	2.08	4.7	7.6		
226.0	231.0	QUARTZ-SERICITE SCHIST (?):										
		Similar to 195 - 202 ft. 2% Pb-Zn. *This section likely ground up. Core recovered possibly caved material from 195 - 202 ft.	0.1	597	226.0	231.0	5.0	.44	1.3	1.2		
				SLUDGE 581	226.0	231.0	5.0	2.76	5.8	19.9		



# 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-28 PAGE 5  
 CLAIM No. \_\_\_\_\_  
 DIRECTION AND DISTANCE FROM  
 NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY		
FROM	TO				FROM	TO		Gold	Silver	Pb	Zn	Cu
402.7	405.3	MASSIVE SULPHIDES: 75% pyrite, 10% magnetite, 5% Pb-Zn. C.A. 70°.	2.6	550	402.7	405.3	2.6		1.04	1.1	2.1	
405.3	407.5	QUARTZ-SERICITE SCHIST: Bleached, negligible pyrite.	2.2		405.3	407.5						
407.5	413.0	QUARTZ-GRAPHITE-SERICITE SCHIST: Intense movement and fracturing. Negligible pyrite.	5.3		407.5	413.0						
413.0	438.0	QUARTZ-SERICITE SCHIST: Bleached, highly altered, locally drag-folded, minor bleaching. No sulphides. C.A. 65° @ 413 ft., 70° @ 419 ft., 75° @ 431 ft.	25.0		413.0	438.0						
438.0	454.4	QUARTZ-SERICITE-GRAPHITE SCHIST: Medium gray, firm rock. No alteration. 30% quartz, 20% sericite, 10% fine-grained pyrite, disseminated in quartz, no Pb-Zn. C.A. 75 - 80°.			438.0	454.4						

*→ not shown*

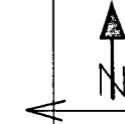
# DIAMOND DRILL RECORD

LOGGED BY \_\_\_\_\_

PROPERTY \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_

 D.D.H. No. A-28 PAGE 6

CLAIM No. \_\_\_\_\_



DIRECTION AND DISTANCE FROM  
 NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY		
FROM	TO				FROM	TO		Gold	Silver	Pb	Zn	Cu
454.4	461.6	QUARTZ-GRAPHITE AND QUARTZ-SERICITE SCHIST:										
		Contact zone showing moderate movement and quartz veinlets.	0.6		454.4	455.0						
		454.4 - 455.5 ft: Quartz with minor carbonate, graphite and sulphides.	6.3	551	455.0	461.6	6.6		.34	.4	1.2	
		455.5 - 456.1 ft: Quartz-graphite schist with 15% pyrite, 6% Pb-Zn.										
		456.1 - 457.6 ft: Quartz-sericite schist: 35% pyrite, 2% magnetite, 3% Pb-Zn.										
		457.6 - 461.6 ft: Quartz-sericite-graphite schist with 7% pyrite, 0.5% Pb-Zn.										
		Average C.A. 65°.										
461.6	495.5	QUARTZ-GRAPHITE SCHIST:										
		Gray, firm rock, banded quartz and graphite. Sulphides mainly as	5.0	552	461.6	466.6	5.0		.82	2.1	6.0	
		dissemination in quartz, with massive bands @ 461.6 - 462 ft., and 463.5 -	5.7	553	466.6	472.3	5.7		.82	1.7	3.1	
		464.5 ft. Intensely drag-folded, movement // bedding, moderate fractures	7.2	554	472.3	479.5	7.2		.56	.7	2.0	
		crossing bedding @ 70°.	3.4	555	479.5	482.9	3.4		.50	.3	.1	
		461.6 - 472.3 ft: Average 20% pyrite, 6% Pb-Zn.	3.1	556	482.9	486.0	3.1		.58	1.9	2.6	
		472.3 - 479.5 ft: Average 20% pyrite, 2% Pb-Zn.	4.6	557	486.0	491.0	5.0		.22	.1	Tr.	
		479.5 - 482.9 ft: Silicified quartz-graphite-sericite schist with 10%	5.0		491.0	495.5						
		buff-colored carbonates, minor Pb-Zn.										
		482.9 - 486.0 ft: 20% pyrite, 4% Pb-Zn, minor carbonates.										
		486.0 - 491.0 ft: 15% pyrite, 1% Pb-Zn, minor carbonates.										
		491.0 - 495.5 ft: 5% pyrite, 0.2% Pb-Zn, minor carbonates.										
		C.A. Average 70°.										
495.5	563.0	QUARTZ-SERICITE-GRAPHITE SCHIST:										
		Medium gray, moderately firm rock. Minor alteration, minor fracturing	24.0		495.5	521.0						
		with quartz-carbonate filling. Higher alteration in quartz-carbonate from	2.8		521.0	531.0						
		551 - 563 ft. No sulphides.	3.4		531.0	537.0						



# DIAMOND DRILL RECORD

LOGGED BY FRED CHOW

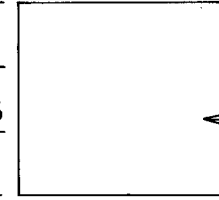
PROPERTY Swim Lakes "A" Group

D.D.H. No. A-29 <sup>macr A-25</sup> PAGE 1

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° DEPTH 623 ft.  
@ 600' True angle =72°



CLAIM No. \_\_\_\_\_  
 DIRECTION AND DISTANCE FROM  
 NE. CLAIM POST

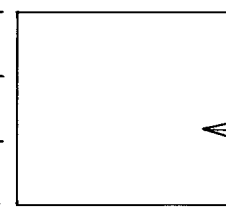
V.S.R.  
 K.C.G.  
 J.H.S.  
 E.F.  
 R.D.S.  
 S.S.B.  
 P.M.K.  
 G.V.M.  
 R.C.M.  
 C.K.W.  
 J.B.S.  
 G.P.R.

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY		K.F.L. J.B. E.C.J.
FROM	TO				FROM	TO		Gold	Silver	Pb %	Zn %	
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						
		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.	22.0		58.0	104.0						
			15.2		104.0	130.5						
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-Zn. 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

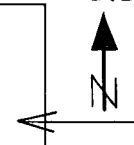
LOGGED BY \_\_\_\_\_

PROPERTY \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_



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

CLAIM No. \_\_\_\_\_



DIRECTION AND DISTANCE FROM

NE. CLAIM POST

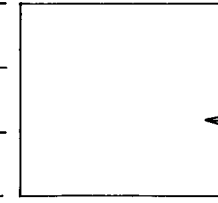
FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY		
FROM	TO				FROM	TO		Gold	Silver	Pb %	Zn %	Cu%
		Minor sporadic chalcopryrite. C.A. 40° @ 138 ft., 45° @ 145 ft.										
148.5	165.7	MASSIVE SULPHIDES:  70% replacement of silicified quartz - sericite schist by pyrite, 10% magnetite.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



# DIAMOND DRILL RECORD

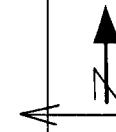
LOGGED BY \_\_\_\_\_

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. \_\_\_\_\_



DIRECTION AND DISTANCE FROM

NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY		
FROM	TO				FROM	TO		Gold	Silver	Pb %	Zn %	C%
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., <i>with lead</i> Short sections @ 324 - 324.3 ft., 327.3 - 328 ft. C.A. 40° @ 285 ft., 50° @ 295 ft., 312 ft., 60° @ 313 ft., 40° @ 319 - 327 ft., 50° @ 328 ft., 55° @ 337 ft.	47.0		284.0	337.5						
337.5	372.3	QUARTZ-SERICITE-GRAPHITE SCHIST:  Gray-black, moderately fissile, slightly leached, low alteration. No sulphides. 351.5 ft., shear showing brecciation. 355.0 - 356.4 ft: quartz sericite schist - bleached. 10% quartz, 5% sericite. C.A. 50°	14.5		337.5	355.0						
			2.1		355.0	362.5						
			3.0		362.5	372.3						
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						

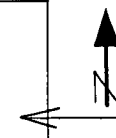
# DIAMOND DRILL RECORD

LOGGED BY \_\_\_\_\_

PROPERTY \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_

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

CLAIM No. \_\_\_\_\_



DIRECTION AND DISTANCE FROM  
 NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY		
FROM	TO				FROM	TO				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					
		410 - 419 ft: Dark grey, moderately altered, numerous quartz-carbonate filled fractures. No sulphides, 40% quartz, 10% sericite.	1.2		397.5	401.0						
			6.0	11.0	401.0	413.0						
		C.A. 50° @ 397.5 ft., 40° @ 401 ft., 55° @ 407 ft., 45° @ 412 ft., 65° @ 419 ft.			413.0	419.0						
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						

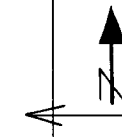
# DIAMOND DRILL RECORD

LOGGED BY \_\_\_\_\_

PROPERTY \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_

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

CLAIM No. \_\_\_\_\_



DIRECTION AND DISTANCE FROM

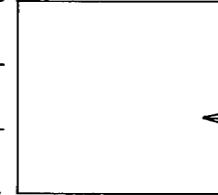
NE. CLAIM POST


FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY		
FROM	TO				FROM	TO		Gold	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. 433.2 - 437.1 ft: Bedding contorted, high sphalerite mineralization. 20% pyrite, massive sulphides between 435.3 - 436 ft. Average 12% Pb-Zn. 437.1 - 446.0 ft: Tight drag-folds, 10% pyrite, 0.5% Pb-Zn. 446.0 - 448.5 ft: Massive pyrite, minor chalco, no Pb-Zn. C.A. 65° Average.	3.9 7.4 3.8	577 578	433.2 437.1 444.5	437.1 444.5	3.9 7.4	1.00 .42	3.4 .5	8.1 .7		
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. C.A. bedding undulating between 70° - 45°	13.0		448.5	463.0						

# 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-29 PAGE 7  
 CLAIM No. \_\_\_\_\_  
  
 ← DIRECTION AND DISTANCE FROM  
 NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY		
FROM	TO				FROM	TO				Pb %	Zn %	C%
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 W. M. Sirola

PROPERTY Swim Lakes "A" Grpup

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

LATITUDE 14,182

BEARING OF HOLE S 30 deg. W

STARTED Aug. 12, 1968

DEPARTURE 60,169

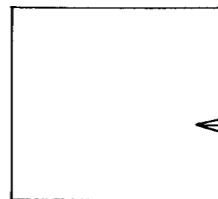
DIP OF HOLE - 60 deg.

COMPLETED Aug. 18, 1968

ELEVATION Collar 3576'

DIP TESTS \_\_\_\_\_

DEPTH 124'



CLAIM No. Swim 23 M.C.

DIRECTION AND DISTANCE FROM  
NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY					
FROM	TO				FROM	TO							
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.											

m

29

KERR ADDISON MINES LTD.

SWIM LAKES "A" GROUP  
Yukon Territory

WORK DONE IN YEAR 1968

SCALE: 1 in. = 400 FT.

26

SWIM #24 MC

27

25

23

BASE LINE #2

Latitude

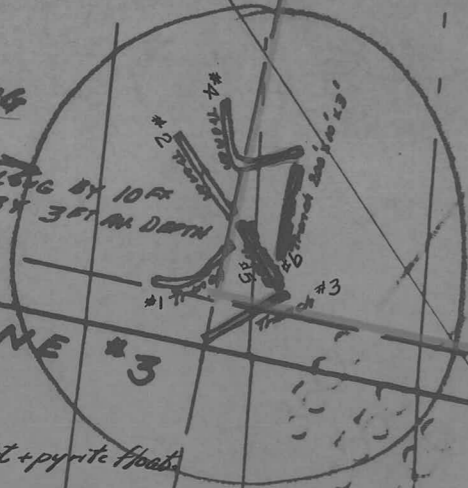
14

12

10

1968 TRENCHING

6 TRENCHES 200 FT. LONG BY 10 FT.  
WIDE BY 3 FT. IN DEPTH



BASE LINE #3

GEOLOGY - BEDROCK

- #3 Trench ~ No bedrock.
- #4 Trench ~ Graphite Schist + pyrite float.
- #5 Trench ~ No bedrock.
- #6 Trench ~ No bedrock.

13

LINE 55W

#9 MC

62° 12' 30"

8

D.I.N. # 7-29A - 50' 100ft  
D.O.N. # 7-29B - 50' 100ft

133° 3' Longitude

133° 2'

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S.W.

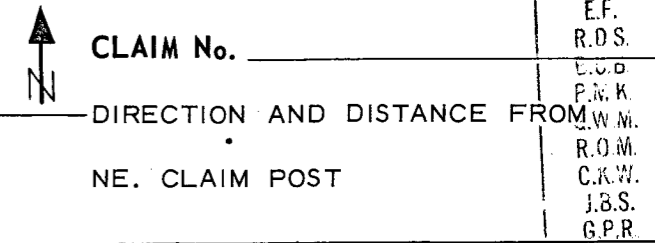
# DIAMOND DRILL RECORD

LOGGED BY FRED CHOW

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.

HOLE SIZE: H to 11 ft., NX to 30 ft., BK to 42 ft., BKWL to 518 ft.

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY		K.F.L.
FROM	TO				FROM	TO		Gold	Silver	Pb %	Zn %	
0	30	OVERBURDEN:										
30.0	42.0	QUARTZ-SERICITE SCHIST: Core broken, partially ground, recovery poor. Not leached, rust on fractures. Sericite totally replaced by 60% pyrite. 30% quartz, 0.3% Cu as chalcopryrite blebs, 5% Pb-Zn disseminated. Average 1% magnetite - mainly from 36.5 - 37.5 ft. C.A. 45° @ 32 ft.	1.0	609	30.0	33.5	3.5	.48	.3	1.8		
			0.4	610	33.5	36.5	3.0		1.1	1.2		
			0.5	611	36.5	37.5	1.0	.84	1.2	3.0		
			0.4	612	37.5	40.0	2.5	.80	.4	2.1		
			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 fractures. Minor magnetite, 7% pyrite occurring in streaks and narrow bands, 3% Pb-Zn to 45 ft., 1 - 2% from 45 - 57 ft., 0.4% Pb-Zn from 57 - 69 ft. C.A. 70° Average.	1.3	614	42.0	45.0	3.0	.28	.3	Tr.		
			5.3	615	45.0	52.0	7.0	.08	.1	.1		
			2.7	616	52.0	57.5	5.5	.38	.2	1.2		
			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% quartz, 10% chlorite, average 5% pyrite and pyrrhotite in narrow irregular 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 chalcopryrite. C.A. 70° Average.	20.5		69.0	91.5						
			7.5	617	91.5	101.5	10.0	Tr.	Tr.	Tr.		

# 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-30 PAGE 2

CLAIM No. \_\_\_\_\_



DIRECTION AND DISTANCE FROM

NE. CLAIM POST

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

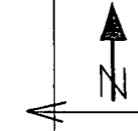
# DIAMOND DRILL RECORD

LOGGED BY \_\_\_\_\_

PROPERTY \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_

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

CLAIM No. \_\_\_\_\_



DIRECTION AND DISTANCE FROM  
 NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY		
FROM	TO				FROM	TO		Gold	Silver	Pb %	Zn %	Cu %
146.5	153.7	QUARTZ-SERICITE SCHIST:  Bleached, highly altered from 150 - 153.7 ft., quartz 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 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.	8.6	626	153.7	164.3	10.6		.08	Tr.	.5	
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 quartz and pyrite along the lower section, fracturing throughout. Quartz (40%) and hard, 25% pyrite, 1% Pb-Zn from 169 - 176 ft., 0.5% from 176 - 189.5 ft. Negligible chalcopyrite. C.A. 70° Average.	6.7	628	169.0	176.0	7.0		.32	.3	1.3	
			6.5	629	176.0	183.0	7.0		.22	.2	.7	
			5.8	630	183.0	189.5	6.5		.08	Tr.	1.1	



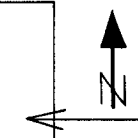
# DIAMOND DRILL RECORD

LOGGED BY \_\_\_\_\_

PROPERTY \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_

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

CLAIM No. \_\_\_\_\_



DIRECTION AND DISTANCE FROM  
 NE. CLAIM POST

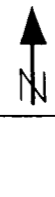
FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY		
FROM	TO				FROM	TO				Pb - %	Zn %	Cu %
247.0	262.0	QUARTZ-SERICITE SCHIST:  Totally bleached and slightly leached. Fissile in parts, minor rock movement, 1% pyrrhotite and pyrite, 25% quartz. C.A. 70°	10.0		247.0	262.0						
		SLUDGE		589	252.0	257.0	5.0	.36		Tr.	Tr.	
262.0	286.0	QUARTZ-CHLORITE-SERICITE SCHIST:  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.		<i>will advise</i>	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 \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_

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

CLAIM No. \_\_\_\_\_  

 DIRECTION AND DISTANCE FROM  
 NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY		
FROM	TO				FROM	TO		Gold	Silver	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 \_\_\_\_\_

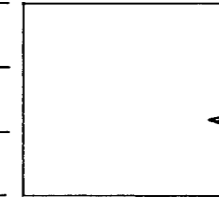
CLAIM No. \_\_\_\_\_

DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_

DIRECTION AND DISTANCE FROM

ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_

NE. CLAIM POST



FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY		
FROM	TO				FROM	TO		Gold	Silver	Pb %	Zn %	Cu %
366.3	379.2	QUARTZ-SERICITE SCHIST:										
		Similar to 335 - 345 ft. C.A. 70° average.	12.5		366.3	379.2						
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, 3 - 4% Pb-Zn, 0.2% Cu.	5.0	639	401.0	406.0	5.0		.68	.5	1.7	
			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 0.1% Cu, 15% Pb-Zn with quartz breccia.	5.0	641	411.0	416.0	5.0		1.72	7.0	8.8	
			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, negligible Cu, 8% Pb-Zn with quartz breccia.	5.0	643	421.0	426.0	5.0		1.48	3.2	3.1	
			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 with quartz breccia.	5.0	646	436.0	441.0	5.0		1.24	2.1	2.5	
		436.5 - 440.0 ft: Quartz-graphite schist - 20% pyrite, 6% Pb-Zn, plastic flow.	5.0	647	441.0	446.0	5.0		.52	1.3	1.1	
			5.0	648	446.0	451.0	5.0		.56	Tr.	.1	
		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, 0.3% Cu, 10% Pb-Zn, slightly vuggy.	3.3	651	461.0	464.5	3.5		1.36	5.0	4.6	
		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, slightly vuggy.	5.0	653	469.0	474.0	5.0		1.16	3.6	5.4	
			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 FRED CHOW

PROPERTY SWIM LAKES "A" GROUP

LATITUDE 14, 431.11N BEARING OF HOLE S 30° W STARTED September 11/66

DEPARTURE 58, 923.04 E DIP OF HOLE -60° COMPLETED September 24/66

ELEVATION 3, 632.74 DIP TESTS @ 200 ft. True angle = 66° @ 397 ft. True angle = 67° 30' DEPTH 398 ft.

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



CLAIM No. \_\_\_\_\_

DIRECTION AND DISTANCE FROM \_\_\_\_\_

NE. CLAIM POST

W.S.V.  
K.C.C.  
J.H.S.  
E.T.  
R.D.S.  
B.C.B.  
J.W.A.  
G.W.W.  
R.O.M.  
C.K.W.

H to 9 ft., NK to 17 ft., BK to 76 ft., BKWL to 375 ft., AXA to 382 ft., AX to 397 ft.

FOOTAGE		DESCRIPTION	R.C.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY		J.B.S.
FROM	TO				FROM	TO				Pb %	Zn %	
0	30	OVERBURDEN:										J.B.S. E.C.I.
30.0	136.5	QUARTZ-SERICITE-GRAPHITE SCHIST:										
		Medium gray color, 25 - 30% quartz, 5 - 20% sericite, minor scattered blebs and streaks of pyrite. 32 - 49 ft: a few quartz veinlets, minor local drag-folds, mild alteration.	16.0		30.0	51.0						
		54 - 84 ft: 2% oxidation showing rusty bedding and fractures.	5.3		51.0	86.0						
		84 - 136.5 ft: Increasing rock movement, parallel bedding most intense from 109 - 136.5 ft., showing drag-folds undulating bedding showing more quartz less sericite and minor leaching.	48.0		86.0	134.5						
		134.5 - 136.5 ft: 15% pyrite in contorted and folded bands, negligible Pb-Zn.	1.2		134.5	136.5						
		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 banded, 6% magnetite in flowing streaks, 0.2% Cu occurs as fracture filling & blebs. No rock movement noted.	2.3	658	136.5	140.0	3.5	.76	1.9	.7		
			4.0	659	140.0	145.0	5.0	1.44	2.8	3.1		
			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 \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_

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

CLAIM No. \_\_\_\_\_



DIRECTION AND DISTANCE FROM  
 NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY		
FROM	TO				FROM	TO		Gold	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. Banding less distinct. Average 75% pyrite, 10% magnetite, 0.07% Cu.	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	
			5.0	675	224.0	229.0	5.0		1.00	Tr.	2.5	
		209 - 229 ft: 4 - 5% Pb-Zn,	3.5	676	229.0	232.5	3.5		1.28	1.8	2.4	
		229 - 232.5 ft: 3% Pb-Zn	5.0	677	232.5	237.5	5.0		1.72	3.0	5.4	
		232.5 - 243 ft: 9% Pb-Zn	5.0	678	237.5	242.5	5.0		1.80	3.3	6.1	
		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 fractures 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	

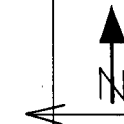
# DIAMOND DRILL RECORD

LOGGED BY \_\_\_\_\_

PROPERTY \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_

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

CLAIM No. \_\_\_\_\_



DIRECTION AND DISTANCE FROM

NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY		
FROM	TO				FROM	TO				Pb %	Zn %	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	Tr.		
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. 265.8 - 273.0 ft: 60% pyrite, 15% magnetite, 0.05% Cu, 1% chlorite, 0.5% Pb-Zn. 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°.	7.2	683	265.8	273.0	7.2	.24	.2	Tr.		
			5.0	684	273.0	278.0	5.0	.30	.2	.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-31 PAGE 4

CLAIM No. \_\_\_\_\_



DIRECTION AND DISTANCE FROM  
 NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	OZS/T		ASSAY		
FROM	TO				FROM	TO		Gold	Silver	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						



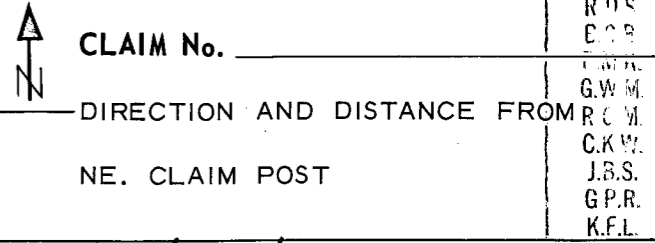
# DIAMOND DRILL RECORD

LOGGED BY FRED CHOW

PROPERTY SWIM LAKES "A" GROUP

D.D.H. No. A-32 PAGE 1

LATITUDE 14,203.18 BEARING OF HOLE S 30 W STARTED September 11/66



DEPARTURE 59,718.55 DIP OF HOLE -60° COMPLETED September 18/66

ELEVATION 3,626.99 DIP TESTS @ 200 ft. True Dip = 66°  
@ 400 ft. True Dip = 66° DEPTH 466 ft.

HOLE SIZE: NX to 17 ft., BX to 95 ft., BXWL to 466 ft.

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY		J.I.B.
FROM	TO				FROM	TO		Gold	Silver	Pb %	Zn %	
0	24.0	OVERBURDEN:										
24.0	124.0	QUARTZ-GRAPHITE SCHIST:  Black, highly friable, 5% oxidation, no sulphide mineralization, no appreciable rock movement. Core broken. C.A. 50° @ 25 - 86 ft., 30° @ 73 ft., 55° @ 100 ft., 65° @ 103 ft., 60° @ 118 ft.	30.0		24.0	124.0						
124.0	255.0	QUARTZ-SERICITE-GRAPHITE SCHIST:  Gray-black, distinct, banding to 186 ft., moderately fissile. No alteration. 45% quartz, 25% sericite, 30% graphite. C.A. 65° @ 139 ft., 45° @ 144 ft., 50° @ 155 - 170 ft., 65° @ 172 - 180', 50° @ 182 ft., 55° @ 198 - 240 ft., 45° @ 242 - 247 ft., 60° @ 248', 40° @ 255 ft.	0.6 116.0		124.0	128.0	128.0	255.0				
255.0	267.0	QUARTZ-CHLORITE-GRAPHITE SCHIST:  Quartz veinlets with minor carbonates @ 267 - 271 ft., slip @ 272 ft., parallel to core. Black, slightly fissile, no alteration, no quartz banding. 20% quartz, 8% chlorite occurring in bands and lenses. C.A. 55° @ 257 ft., 35° @ 266 ft.	11.0		255.0	267.0						
267.0	466.0	QUARTZ-SERICITE-GRAPHITE SCHIST:  Gray-black color. 267 - 277 ft: Minor shearing parallel to and at small angle to core, producing a few tiny slips & fractures which are quartz-carbonate filled. 40% quartz, 25% sericite, 35% graphite.	36.5 140.		267.0	316.0	316.0	466.0				



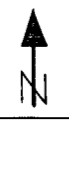


# DIAMOND DRILL RECORD

LOGGED BY \_\_\_\_\_

PROPERTY \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_

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

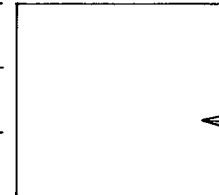
CLAIM No. \_\_\_\_\_  
 DIRECTION AND DISTANCE FROM  
 NE. CLAIM POST

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

# DIAMOND DRILL RECORD

LOGGED BY \_\_\_\_\_

PROPERTY \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_



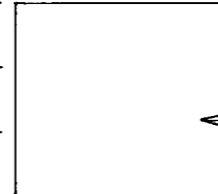
D.D.H. No. A-33 PAGE 3  
 CLAIM No. \_\_\_\_\_  
 DIRECTION AND DISTANCE FROM  
 NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T	Ozs/T	ASSAY		
FROM	TO				FROM	TO		Gold	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 \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_



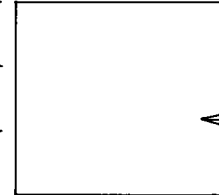
D.D.H. No. A-33 PAGE 4  
 CLAIM No. \_\_\_\_\_  
 DIRECTION AND DISTANCE FROM  
 NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T	Ozs/T	ASSAY		
FROM	TO				FROM	TO		Gold	Silver	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 \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_



D.D.H. No. A-33 PAGE 5  
 CLAIM No. \_\_\_\_\_  
 DIRECTION AND DISTANCE FROM  
 NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY		
FROM	TO				FROM	TO		Gold	Silver	Pb %	Zn %	Cu %
343.0	358.5	<p><del>QUARTZ-CHLORITE-SERICITE-GRAPHITE SCHIST:</del></p> <p>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.                      C.A. 65° @ 348 ft.</p>	14.0		343.0	358.5						
358.5	370.6	<p>QUARTZ-SERICITE SCHIST:</p> <p>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.                      C.A. 55° @ 359 ft., 65° @ 365 ft.</p>	6.7 4.5	697 698	358.5 365.5	365.5 370.6	7.0 5.1	.56 .34	.4 .2	1.0 Tr.		
370.6	387.0	<p><del>QUARTZ-CHLORITE-SERICITE-GRAPHITE SCHIST:</del></p> <p>Black, slightly fissile, no alteration. 20% quartz, 2% chlorite, 10% sericite, 65% graphite, minor spots of pyrite - pyrrhotite.                      C.A. 60° average.</p>										
387.0	402.0	<p>QUARTZ-GRAPHITE-CHLORITE-SERICITE SCHIST:</p> <p>Light gray color, mild alteration, minor local drag-folds. Average 40% quartz, 5% chlorite, 50% sericite, minor spots of pyrrhotite and pyrite.                      C.A. 60° average.</p>	14.0		387.0	402.0						

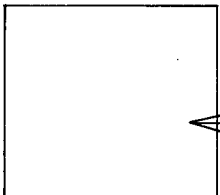
*M of sound*

# 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-33 PAGE 6

CLAIM No. \_\_\_\_\_  
  
 DIRECTION AND DISTANCE FROM  
 NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY						
FROM	TO				FROM	TO		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.  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.	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.			

*unable to decipher*

# 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-33 PAGE 7

CLAIM No. \_\_\_\_\_



DIRECTION AND DISTANCE FROM

NE. CLAIM POST

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



# DIAMOND DRILL RECORD

LOGGED BY FRED CHOW

OCT 21 1966

PROPERTY SWIM LAKES "A" GROUP

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 \_\_\_\_\_

ELEVATION 3,531.51 DIP TESTS @ 200 ft. True angle = 68° DEPTH 404 ft.

D.D.H. No. A-34

PAGE 1

CLAIM No. \_\_\_\_\_

DIRECTION AND DISTANCE FROM \_\_\_\_\_

NE. CLAIM POST



W.S.R.  
K.C.G.  
J.H.S.  
L.I.  
R.S.  
B.C.B.  
P.M.K.  
G.W.H.  
R.V.W.  
C.R.Y.  
I.R.S.

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY		G.P.R.
FROM	TO				FROM	TO		Gold	Silver	Pb %	Zn %	
0	31.0	OVERBURDEN:										J.I.B. E.C.J.
31.0	92.0	QUARTZ-SERICITE-CHLORITE SCHIST:  Dirty green color. 20% oxidation - light brown rust. Numerous quartz veins from 31 - 63 ft. Average 45% quartz, 15% sericite, 4% pyrrhotite and pyrite, 1% magnetite, spot of chalcopyrite, no Pb-Zn. No evidence of rock movement. C.A. 70° @ 31 - 75 ft., 55° @ 79 ft., 30° @ 80 - 86 ft., 65° @ 89 ft., 80° @ 90 ft.	0.6 3.0 11.0 4.0		31.0 35.0 65.0 85.0	35.0 65.0 85.0 92.0						
92.0	106.5	QUARTZ-CHLORITE-SERICITE SCHIST:  Greenish-gray, siliceous with quartz sections and bleached @ last 2 feet. Slightly contorted bedding, with minor fracturing. 60% quartz, 10% chlorite, 25% sericite, 3 - 4% pyrrhotite-pyrite, some magnetite and spot of Pb-Zn @ 99 ft. C.A. 65° @ 93 ft., 80° @ 100 - 106 ft.	12.0		92.0	106.5						
106.5	124.0	QUARTZ-CHLORITE-SERICITE SCHIST:  Similar rock as 92 - 106 ft., except bleached & having a higher sulphide content. 25 - 30% pyrite, negligible pyrrhotite, 1 - 2% magnetite, 0.15% 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.	9.5 8.0	730 731	106.5 116.0	116.0 124.0	9.5 8.0	.58 .52	.5 .6	1.3 .4		



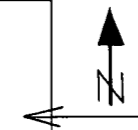
# DIAMOND DRILL RECORD

LOGGED BY \_\_\_\_\_

PROPERTY \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_

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

CLAIM No. \_\_\_\_\_



DIRECTION AND DISTANCE FROM  
 NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY		
FROM	TO				FROM	TO		Gold	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 3.4		347.0 366.0	366.0 376.0						



# DIAMOND DRILL RECORD

LOGGED BY FRED CHOW

PROPERTY SWIM LAKES "A" GROUP

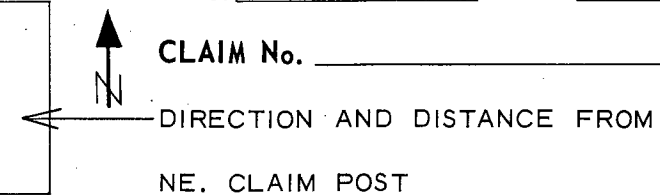
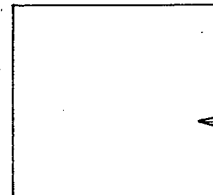
D.D.H. No. A-35 PAGE 1

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.

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



FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY		
FROM	TO				FROM	TO		Gold	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.	6.0		50.0	62.0						
		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.	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

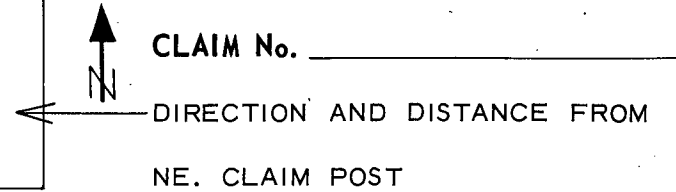
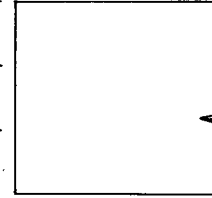
D.D.H. No. A-35

PAGE 2

LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_

DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_

ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_



FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY		
FROM	TO				FROM	TO		Gold	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 2.7	710 711	225.5 229.5	229.5 233.0	4.0 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, 1% magnetite to 237.0'; 80% pyrite, 8% Pb-Zn, 8% magnetite, 0.2% Cu. to 244.5', and 75% pyrite-pyrrhotite, 5% Pb-Zn from 244.5 - 253' Banding faint: 90° @ 238', 55° @ 241', 85° @ 242' 70° @ 246', 60° @ 252'	0.8 6.0 8.5	712 713 714	233.0 237.0 244.5	237.0 244.5 253.0	4.0 7.5 8.5					
253.0	267.0	QUARTZ-SERICITE-CHLORITE-GRAPHITE SCHIST:  Mixed sections of sericite, sericite graphite, chlorite-sericite-graphite schist, minor pyrite. C.A. varies between 60-75°	10.0		253.0	267.0						
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 0.3		267.0 285.0	285.0 293.0						

# DIAMOND DRILL RECORD

LOGGED BY F. Chow

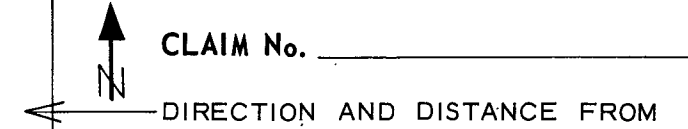
PROPERTY Swim Lakes 'A' Group

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

LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_

CLAIM No. \_\_\_\_\_

DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_



ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_

NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY		
FROM	TO				FROM	TO		Gold	Silver	Pb%	Zn%	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, the latter perpendicular to bedding and pyrite-quartz field.	1.9		297.0	303.0						
			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 schist fragments and pyrite crystals.	0.2		303.0	312.0						
			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 @ 319.8-320.9' C.A. 65°	7.0		314.3	321.5						
321.5	363.0	QUARTZ-SERICITE-CHLORITE-GRAPHITE SCHIST: Grey-black colour, moderate siliceous, drag-folded, movement parallel 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	37.0		321.5	363.0						













# 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 ~~268~~<sup>313</sup>' (to be cont'd).

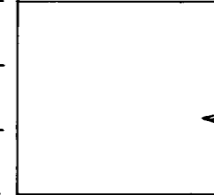
COLLAR:



CLAIM No. \_\_\_\_\_

DIRECTION AND DISTANCE FROM

NE. CLAIM POST



FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY		
FROM	TO				FROM	TO		Gold	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-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'

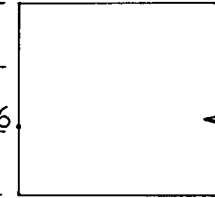
COLLAR:



CLAIM No. \_\_\_\_\_

DIRECTION AND DISTANCE FROM

NE. CLAIM POST



FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY		
FROM	TO				FROM	TO		Gold	Silver	Pb%	Zn%	Cu%
0.0	17.0(?)	OVERBURDEN: Cored granitic boulder (?)	0.0 0.3		0.0 15.0	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 F. Chow.

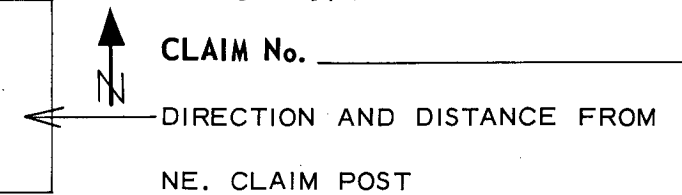
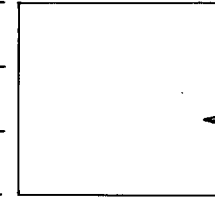
PROPERTY Swim Lakes "A" Group.

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

LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_

DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_

ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_



FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY		
FROM	TO				FROM	TO		Gold	Silver	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						
				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:		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					
				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					
					113.0	118.0	5.0					

# DIAMOND DRILL RECORD

LOGGED BY F. Chow

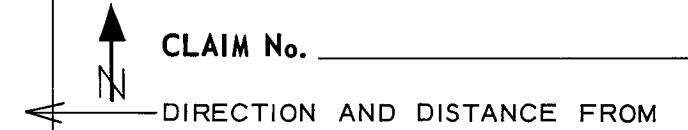
PROPERTY Swim Lakes 'A' Group

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

LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_

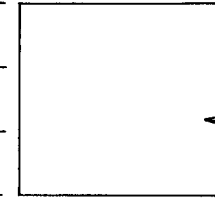
CLAIM No. \_\_\_\_\_

DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_



ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_

NE. CLAIM POST



FOOTAGE		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T		ASSAY		
FROM	TO				FROM	TO		Gold	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. C.A. 40° @ 119.0; 53° @ 122.0; 70° @ 124.0;	5.5		115.0	124.5						
		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. 130.0 - 134.0 20% quartz, 20% pyrite, negligible magnetite, 1-2% Pb-Zn. C.A. 80° @ 127.0	9.5		124.5	134.0						
134.0	144.0	QUARTZ SERICITE SCHIST: 10% oxidized, 135.5 - 136.0 and 143.5 - 144.0, 90% oxidized. Part quartz 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. C.A. 70° Av.	4.5		155.6	162.5						

# DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY Swim Lakes "A" Group

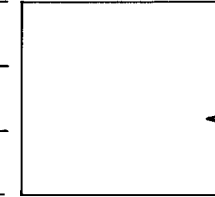
D.D.H. No. A-37

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

# DIAMOND DRILL RECORD

LOGGED BY F. Chow

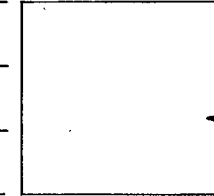
PROPERTY Swim Lakes 'A' Group.

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		DESCRIPTION	Rec.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Ozs/T Gold	Ozs/T Silver	ASSAY		
FROM	TO				FROM	TO				Pb%	Zn%	Cu%
240.6	264.5	<p><u>QUARTZ-SERICITE SCHIST:</u>                      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                      C.A. 80° av.</p>	20.0		240.6	264.5						
264.5	335.0	<p><u>QUARTZ-SERICITE SCHIST:</u>                      Totally bleached, slight rock movement. 40% quartz, 12% (average) pyrite, 45% sericite.                      264.5 - 308.0 2% leached, 3% pyrite average occurring 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°</p>	58.0		264.5	335.0						
335.0	345.0	<p><u>QUARTZ-SERICITE SCHIST:</u>                      Totally bleached buff colour, negligible rock movement, no sulphide mineralization.</p>	8.5		335.0	345.0						
345.0	362.5	<p><u>QUARTZ-GRAPHITE-SERICITE SCHIST:</u>                      Bleached, light grey colour, minor rock movement - possible shear @ 354.5 - 355.5 and @ 356.7. No sulphide mineralization. C.A. 75°</p>	16.0		345.0	362.5						



# DIAMOND DRILL RECORD

LOGGED BY F. Chow

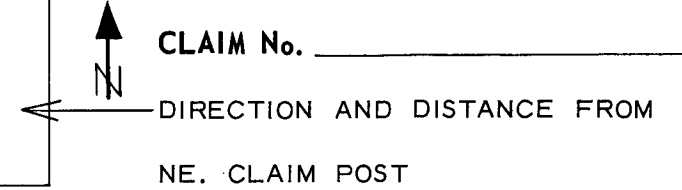
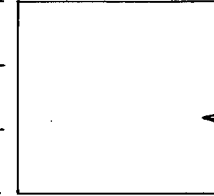
PROPERTY Swim Lakes 'A' Group.

D.D.H. No. A-37 PAGE 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		DESCRIPTION OF SLUDGES	Discard	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY					
FROM	TO				FROM	TO							
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, quartz, 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 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

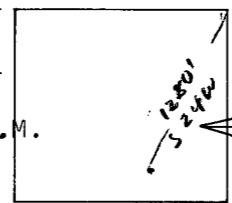
CLAIM No. Swim 40

DEPARTURE 34+00W DIP OF HOLE -88° COMPLETED Nov. 8/69 3:30 A.M.

DIRECTION AND DISTANCE FROM

ELEVATION 2,945 ft. DIP TESTS \_\_\_\_\_ DEPTH 412 feet

NE. CLAIM POST



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

FOOTAGE		DESCRIPTION	Rec. ft.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY				I.H.S. P.M.K. ✓ R.D.S. B.C.B. I.D.B. G.M.H. P.K.
FROM	TO				FROM	TO						
0	152	OVERBURDEN  Recovered few pieces of granite rock.	0.0		0	152						
152	175	QUARTZ-SERICITE-SCHIST:  Bleached to buff and oxidized, fissile in part. No sulphides. 65% quartz, 35% sericite. C.A. 60° at 154', 45° at 170'.	12.5		152	175						
175	186	QUARTZ SERICITE SCHIST:  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'.	4.5		175	180						
186	221.5	QUARTZ SERICITE SCHIST:  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'.	28.0		186	221.5						
221.5	233.0	QUARTZ SERICITE SCHIST:  Strong alteration, bleached. 40% quartz, 60% sericite. Minor	3.5		221.5	233.0						

# 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-39 PAGE 2

CLAIM No. \_\_\_\_\_



DIRECTION AND DISTANCE FROM  
 NE. CLAIM POST

FOOTAGE		DESCRIPTION	REC ft.	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY					
FROM	TO				FROM	TO							
		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 occurring 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 distinct. 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, <del>core recovery</del> 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		292.0	369.0							
			1.5		367.0	369.0							







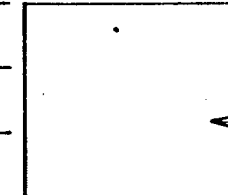
# DIAMOND DRILL RECORD

LOGGED BY T. LaRose *[Signature]*

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		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY						
FROM	TO			FROM	TO		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: Badly decomposed, highly oxidized throughout, bleached in part. Pyrite mineralization from 59.6' to 106.0' (30%) - few specks of chalcopyrite. 10% quartz. C.A. 65° at 61'. Core Recovery - 65%.	557 (13)	65'	96'	7.6'		.60	1.35	1.16	.50		
							Note: Core recovery 7.6' out of 31'.						



















# DIAMOND DRILL RECORD

LOGGED BY \_\_\_\_\_

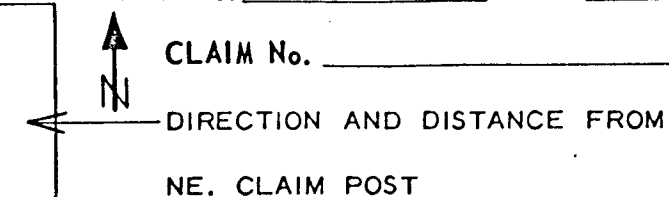
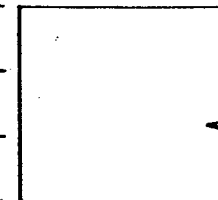
D.D.H. No. A-42-71 PAGE 5

PROPERTY \_\_\_\_\_

LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_

DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_

ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH \_\_\_\_\_



FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY							
FROM	TO			FROM	TO		Au	Ag	Pb	Zn	Cu			
		section, 3% pyrite mineralization occurring in narrow bands and blobs. Core recovery - 100%. C.A. 70° at 440'. Core slightly magnetic.												
448.0	492.0	QUARTZ SERICITE SCHIST:  Buff grey, medium hard, banding distinct, minor oxidation, lightly bleached in part. 30% quartz, 15% chlorite in sections. Quartz vein at 479.8', 4 inches wide. 1-3% pyrite-pyrrhotite mineralization occurring in tiny scattered bands, pyrrhotite highly magnetic. Few blobs of magnetite, few specks of chalcopyrite. Core recovery - 100%. C.A. 65° at 461.0', 70° at 488.0'.												
492.0	530.0	MASSIVE SULPHIDES:  65% massive pyrite-pyrrhotite, pyrrhotite dominates. 10% quartz, 5-7% lead-zinc disseminated and in bands, banding indistinct in massive sulphide section, .2 Cu. Section highly magnetic. Core Recovery - 100%.	545 (1)	492'	497'	5'		.32	.26	1.24	.43			
			546 (2)	497'	503'	6'		.32	.57	1.24	.38			
			547 (3)	503'	508'	5'		1.08	3.20	3.72	.27			
			548 (4)	508'	513'	5'		1.64	4.30	3.82	.30			
			549 (5)	513'	518'	5'		1.40	3.40	3.60	.49			
			550 (6)	518'	523'	5'		1.24	3.50	3.82	.23			
			551 (7)	523'	530'	7'		1.56	4.80	4.95	.32			

























