

DIAMOND DRILL RECORD

PROPERTY _____

 HOLE NO. S-72-1

 DIP -45°

LOCATION _____

 SHEET NO. 2

LOG

FROM	TO	DESCRIPTION
		over about 1'.
		SECTION QUITE POSSIBLY OVERTURNED and
		hornfels is chilled margin at base of flow.
119	277	Quartz-sericite schist as before. Core angle
		now 70-80°, quartz eyes (both rounded and
		angular) form up to 20% of the rock locally.
		139-140½ about 30% pyrite in irregular
		bands up to ½" *probably old-timers lead*
		147-149 - probable fault zone - some oxid-
		ation and weak silicification.
		157½-159 - about 10% pyrite - fine bands
		175-177 - possible minor fault.
		205-209' - possible minor fault with some
		oxidation and minor fracturing.
		219-222' fracturing and possible fault.
		- about 2' lost core.
		256½-277' - intense sericitization and minor
		silicification (some quartz veins to 2").
		Some lost core.
277	305	Medium grey graphite-sericite schist. More
		intensely pyritic probably derived from
		argillaceous tuff - very finely laminated.
		Pyrite probably averages 10% now with some
		zones as high as 50% sulphide; minor quartz
		veining with irregular veins >1" wide.
		*Many sedimentary features such as cross
		bedding and graded bedding.

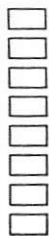
ASSAYS

SAMPLE No.	FROM	TO	WDTH	V A L U E S			
				Cu	Pb	Zn	Ag/Au
228N	129	139	10'	L.01			tr/tr
227N	139	144	5'	L.01			0.02/tr
229N	144	154	10'	L.01			tr/tr
226N	295	305	10'	.04	L.02	.03	

SECTIONS

Started _____ Completed _____ Depth of Hole _____ Proposed Depth _____

LEGEND



SCALE _____ inch

 Collar Lat. _____ Dep. _____
 Collar Elevation _____
 Azimuth at Start S. 40° W.
 Azimuth at End _____
 DIPS:
 _____ Ft. _____ Ft.
 _____ Ft. _____ Ft.
 _____ Ft. _____ Ft.
 _____ Ft. _____ Ft.
 Logged By J.W. Simpson
 Sampling By _____
 Assaying By _____

363-844

844-980

DIAMOND DRILL RECORD

PROPERTY _____ HOLE NO. S-72-1 DIP -45° LOCATION _____ SHEET NO. 3

LOG

FROM	TO	DESCRIPTION
		Core angle 70-90°.
93.0-98.4 305	306½	Light green slightly sheared mudstone - some quartz veining and epidotization - could be an extremely fine pyroclastic - waterlain. Rare pyrite. <i>chlorite</i>
93.4-101.5 306	333	Graphitic sericite schist: as before - possible fault 311'. Traces of chalcopryrite. 318-358 - minor chalcopryrite in disseminated fairly coarse grains. 323-325½' - some very coarse chalcopryrite - often crosses bedding + 1% Cu (for this 2½') After 325 rock becomes slightly coarser grained (but it still is a fine-medium grained tuff). 330-331' - some good, coarse, chalcopryrite in part associated with a quartz veinlet.
101.5-111.4 333	365½	Quartz-sericite schist as before except with fewer quartz eyes. Slightly less sulphide than preceding unit but more than other sericite schists: traces of chalcopryrite to 358' then sulphide content drops off quickly.
	END	

ASSAYS

SAMPLE No.	FROM	TO	WIDTH	VALUES			
				Cu	Pb	Zn	Ag/Au
230 N	312	322	10'	.11	L.02	.02	.02/005
231 N	322	333	11'	.41	L.02	.02	.03/tr
232 N	333	343	10'	.17	L.02	L.02	tr/tr
233 N	343	353	10'	.06	L.02	L.02	tr/tr
234 N	353	358	5'	.09	L.02	L.02	.05/tr

SECTIONS

Started _____ Completed Oct. 30/72 Depth of Hole _____ Proposed Depth _____

SUMMARY

In S-72-1 a 42½' capping of intermediate volcanics overlies a sequence of acid tuffs with only one interflow of light green volcanics.

There are many sedimentary features indicating that the tuffs were water lain. Weak evidence suggests that the entire section may be overturned.

The main mass of rock (52-114' and 119-277') is a lightly sheared rhyolite porphyry or rhyolite crystal tuff. Quartz eyes are generally rounded and fairly abundant. Feldspars and mafics (if there were any) are altered to sericite and talc.

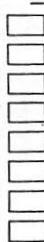
Pyrite is abundant throughout the schists and varies from ½% to over 30%. Average pyrite content of the sericite schist would be about 4%. Argillic tuffs from 277-305' and 306½-333' are higher in pyrite (say 10-15%) and chalcopryrite is present as fairly coarse blebs and disseminations.

Economic potential in this sedimentary sequence is confined to the lower (in the hole) band of graphitic schists from 306½-333'. Oxidation and leaching would limit the effectiveness of surface exploration.

November 1, 1972

J.W. Simpson

LEGEND



Collar Lat. _____ Dep. _____
 Collar Elevation _____
 Azimuth at Start _____
 Azimuth at End _____
 DIPS:
 _____ Ft. _____ Ft.
 _____ Ft. _____ Ft.
 _____ Ft. _____ Ft.
 _____ Ft. _____ Ft.
 Logged By J.W. Simpson
 Sampling By _____
 Assaying By _____

SCALE _____ inch

DIAMOND DRILL RECORD

 PROPERTY MOUNT SICKER

 HOLE NO. S-72-2

 DIP -45°

 LOCATION 36 + 34 N. - 2 + 20 W.
 (180' E. of 4 W.)

 SHEET NO. 1

LOG

FROM	TO	DESCRIPTION
0	19	Overburden.
19	27½	Finely banded quartz-chlorite schist; some carbonate bands, some quartz-graphite bands. In general these bands vary from 1/16-½" and are irregular. Core angle varies considerably. No sulphides.
27½	55	Patchy & irregularly banded quartz chlorite schist. Differs from bed, above, in high degree of epidotization. Rock now about 30% epidote (after feldspar?). Minor fine-grained pyrite. No chalcopyrite noted. Some hematite (after pyrite?).
55	60	Fine-grained epidote-chlorite-quartz tuff. Massive except for minor carbonate filled fracture.
60	99	Variously altered siliceous pyroclastics. Alteration is mainly epidotization and carbonatization.
		73-83' more chloritic section fine-grained and less altered. Minor pyrite disseminated in some sections.
		73' - 2" band with about 15% pyrite.
99	150	Fine-grained, light grey, lightly sheared quartz-sericite schist, possibly a limy mudstone modified by shearing. Core angle fairly uniform and almost at right angles to core axis.

ASSAYS

SAMPLE No.	FROM	TO	WIDTH	VALUES			
				Cu	Pb	Zn	Ag/Au
239 N	190	200	10'	.01	-	L.02	tr/tr
240 N	212	222	10'	.02	-	L.02	tr/tr
241 N	387	397	10'	.08	-	.03	tr/tr

LEGEND

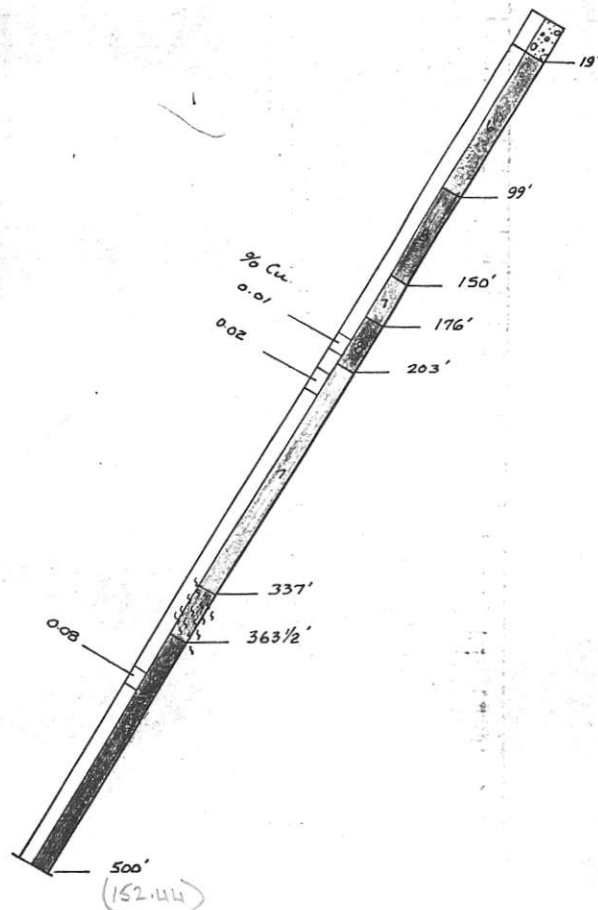
	As on log
	S-72-1
	3 FT
	4 FT
	5 FT
	6 FT
	7 AND
	8 FT

SCALE 1 inch = 60'

Collar Lat. _____ Dep. _____
 Collar Elevation 1450'
 Azimuth at Start 210°
 Azimuth at End _____
 DIPS:
 _____ Ft. _____ Ft.
 _____ Ft. _____ Ft.
 _____ Ft. _____ Ft.
 _____ Ft. _____ Ft.
 Logged By J.W. Simpson
 Sampling By D. Compton
 Assaying By Bondar Clegg

SECTIONS

Started Oct. 31/72 Completed Nov. 3/72 Depth of Hole 500' Proposed Depth 500'



ECC

DIAMOND DRILL RECORD

PROPERTY MOUNT SICKER

HOLE NO. S-72-2

DIP -45°

LOCATION

SHEET NO. 2

LOG			
FROM	TO	DESCRIPTION	
99	150	111-116' - somewhat darker colour and minor disseminated pyrite.	
		116-118' Some irregular quartz patches.	
		Other evidence of silicification at about 125'	
		138-150'. Gradually changes over a few feet to more chloritic & more silicified material.	
	150	176	Silicified andesite, (S) 153'. Rock is fine-grained with trace of epidotized feldspar phenocrysts. Pervasive silicification is accompanied by limonite stained, quartz filled fractures. Intensity of silicification increases down hole.
		161-176'. Very intense silicification.	
		165,5-176'. Brecciation - increasing in intensity with depth. Very low sulphide content. (S) 175'.	
	176	203	Fault contact (less competent rock below fault lost), e.g. 1' between 176-178', 1½' between 180,5-184. Rock is light grey quartz sericite schist similar to 99-150' intersection. (S) 191'. Pyrite content about 5% between 190-200' in bands or disseminated.
	203	247.5	Mottled grey & white argillaceous tuff; some fairly sandy in irregular bands, distinct from preceding intersection in colour (whiter) and coarse mottled texture. No sulphides for 5' then irregularly banded pyrite becomes

WESTERN MINER FORM NO. 306

ASSAYS									
SAMPLE No.	FROM	TO	WIDTH	VALUES					

LEGEND	
<input type="checkbox"/>	Collar Lat. Dep.
<input type="checkbox"/>	Collar Elevation
<input type="checkbox"/>	Azimuth at Start
<input type="checkbox"/>	Azimuth at End
<input type="checkbox"/>	DIPS:
<input type="checkbox"/> Ft. Ft.
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<input type="checkbox"/>	Sampling By
<input type="checkbox"/>	Assaying By

SCALE inch

SECTIONS			
Started	Completed	Depth of Hole	Proposed Depth

45.7-53.6

53.7-61.9

61.9-75.4

DIAMOND DRILL RECORD

 PROPERTY MOUNT SICKER

 HOLE NO. S-72-2

DIP _____

LOCATION _____

 SHEET NO. 3

LOG

FROM	TO	DESCRIPTION
203 (continued)	247.5	fairly abundant. Silicification is moderate & irregular. Many fine calcite stringers. Metamorphism has caused irregular aggregates of felsic minerals to form giving mottled appearance.
247.5	255	Light green fine-grained andesite probably tuffaceous. Feldspar altered to epidote, many quartz & calcite filled fractures. Sulphides rare.
255	268	Mottled grey & white argillaceous tuff as 203-247'. Progressive increase in silicification to 268'. 262-268' - almost pure quartz.
268	363.5	Gradation to more basic volcanics over 2' into andesitic, silicified tuffs, further gradation from 278-285 into even more basic volcanics (now probably basaltic composition). Sulphides virtually absent except for narrow bands $\rightarrow \frac{1}{2}$ ". Some coarse fragments in this section. Minor hematite in fine stringers. 298' on - bulk composition probably closer to andesite again. (S) 301'. Many fine irregular quartz & carbonate filled fractures.
	337-370	Major fault zone about 15' of core lost over this 33' interval.
363.5	500	In fault zone - change to pyritic quartz-chlorite schist. Probably a pyritic dacite

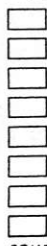
ASSAYS

SAMPLE No.	FROM	TO	WIDTH	VALUES				

SECTIONS

Started _____ Completed _____ Depth of Hole _____ Proposed Depth _____

LEGEND



SCALE _____ inch

Collar Lat. _____	Dep. _____
Collar Elevation _____	
Azimuth at Start _____	
Azimuth at End _____	
DIPS:	
_____ Ft. _____	Ft. _____
_____ Ft. _____	Ft. _____
_____ Ft. _____	Ft. _____
Logged By _____	
Sampling By _____	
Assaying By _____	

DIAMOND DRILL RECORD

PROPERTY MOUNT SICKER

HOLE NO. S-72-2

DIP _____

LOCATION _____

SHEET NO. 4

LOG		
FROM	TO	DESCRIPTION
363.5	500	tuff or mudstone (similar to mudstone sections in S-72-1).
		367'. Some heavily pyritized material but lost core.
		375'. Some fairly coarse grains of chalcopyrite (over ½"). Average pyrite content varies between 2 and 10% for 5' sections, (S) 388'.
		404-406' - Fault zone, 1' core lost, chlorite content varies giving darker colour where it is more abundant e.g. 389-390'. After 411' chlorite generally more abundant. Some small gashes filled with epidote-quartz.
		420.5' - 2" with fairly coarse chalcopyrite (S). Pyrite content decreases to about 1-2% for 5' sections after 404 (fault).
		442-444' - cherty (silicification?).
		437 & 445.5' - some coarse chalcopyrite over 1" & ½" respectively.
		447' - possible fault.
		452'-453' - cherty zone ~1% Cu over 1"
		487' - minor fault zone.
		489-490' - cherty zone-traces of chalcopyrite.
		492, 497-498' - minor faults.
152.4	500'	END OF HOLE.

ASSAYS					
SAMPLE No.	FROM	TO	WIDTH	VALUES	

SECTIONS			
Started	Completed	Depth of Hole	Proposed Depth
<p><u>SUMMARY</u></p> <p>0 - 19' Overburden.</p> <p>19 - 99' Variously silicified and epidotized. Chloritic pyroclastics. Usually very fine grained (i.e. tuffaceous).</p> <p>99 - 150' Quartz sericite schist - probably a sheared mudstone - not pyritic.</p> <p>150 - 176' Silicified, light green andesite.</p> <p>176' Fault.</p> <p>176 - 203' Quartz sericite schist similar to 99-150 intersection but now well pyritized (indigenous sulphides form bulk of this pyrite).</p> <p>203 - 363.5 Variously altered pyroclastics and andesitic flows(?) often give mottled appearance.</p> <p>337 - 370' Major fault.</p> <p>363.5 - 500' Light grey quartz-chlorite-sericite schist (similar to 176-203 section but more chlorite and highly variable pyrite). Some silicified sections with minor chalcopyrite as coarse grains and irregular blebs.</p> <p><u>Note:</u> Rhyolite sequence of S-72-1 was not intersected. Mudstones have no substantial chalcopyrite bearing zones as in S-72-1.</p>			

LEGEND

SCALE inch

Collar Lat. _____ Dep. _____

Collar Elevation _____

Azimuth at Start _____

Azimuth at End _____

DIPS:

_____ Ft. _____ Ft.

_____ Ft. _____ Ft.

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_____ Ft. _____ Ft.

Logged By _____

Sampling By _____

Assaying By _____

WESTERN MINER FORM NO. 506

DIAMOND DRILL RECORD

PROPERTY MOUNT SICKER HOLE NO. S-72-3 DIP -90° LOCATION 60 E - 29 N SHEET NO. 1

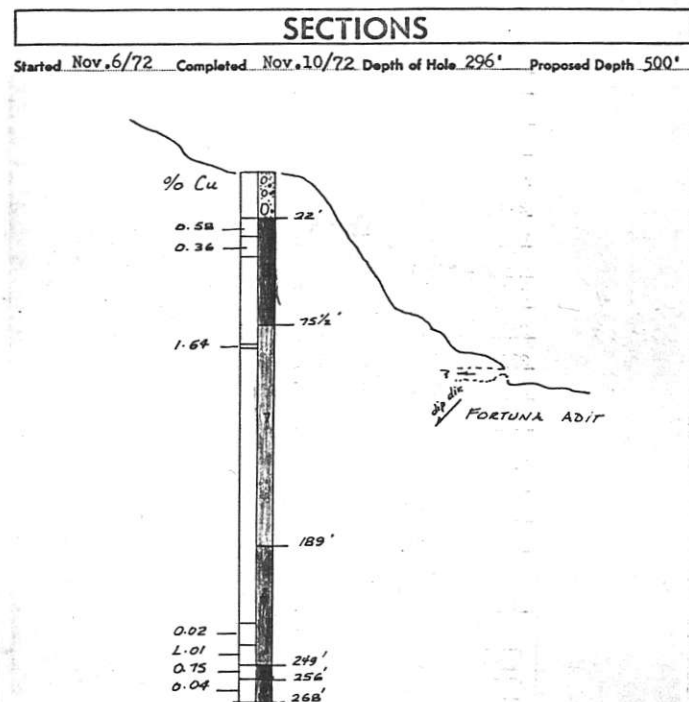
LOG		
FROM	TO	DESCRIPTION
0	22'	Overburden.
22	75½'	Quartz sericite schist, variable amounts of chlorite & pyrite (some zones are almost chlorite schist). Colour is medium grey. Pyrite content varies (in 5' sections) from 5 - 7%. Chalcopyrite in stringers up to 3mm. wide, scattered (e.g.) 23', 26', 37', 40', 30-36'; 2½' core lost. Between 38 & 42: 1' of core lost. Probably a quartz stringer with chalcopyrite. 42-46': 2' core lost - possible fault. 54-61': 2' core lost. 54-57: ½' core lost.
75½'	189'	Chlorite schist. Heavily pyritic. 7-15% for 5' sections - colour almost black (looks a little like graphite in places but turns pale green when scratched).
		87-89' - ~1% Cu as chalcopyrite irregularly disseminated & banded.
		131-141' - 8' core lost in fault. Some pebbles from recovered material indicates some almost massive sulphide (90% pyrite) some pebbles with good chalcopyrite.
		141-144' - 2½' lost core, angle about 45°.
189	193'	Fault contacts with light green ^{rock} no chalcopyrite - minor extremely fine pyrite.
193	200'	Chlorite schist as before.

ASSAYS							
SAMPLE No.	FROM	TO	WIDTH	VALUES			
				Cu	Pb	Zn	Ag/Au
242 N	22	32	* 10'	0.58	-	.02	.03/ .005
243 N	32	42	* 10'	0.36	-	.03	.04/ .005
244 N	87	89	2'	1.64	-	.04	.12/ .005
236 N	229	239	10'	.02	-	L.02	tr/ tr
237 N	239	249	10'	L.01	L.02	L.02	-
235 N	249	256	7'	0.75	.02	.02	.06/ .005
238 N	256	268	12'	0.04	-	L.02	tr/ tr

* lost some core

LEGEND	
<p>As on log S-72-1</p> <p>Chert & heavy sulphides</p>	<p>Collar Lat. _____ Dep. _____</p> <p>Collar Elevation <u>1840'</u></p> <p>Azimuth at Start _____</p> <p>Azimuth at End _____</p> <p>DIPS:</p> <p>_____ Ft. _____ Ft.</p> <p>_____ Ft. _____ Ft.</p> <p>_____ Ft. _____ Ft.</p> <p>_____ Ft. _____ Ft.</p> <p>Logged By <u>J.W. Simpson</u></p> <p>Sampling By <u>D. Compton</u></p> <p>Assaying By <u>Bondar Clegg</u></p>

SCALE 1 inch = 60'



DIAMOND DRILL RECORD

PROPERTY MOUNT SICKER HOLE NO. S-72-4 DIP -60° LOCATION 26 N - 65 + 15 E SHEET NO. 1

15.24 m

LOG		
FROM	TO	DESCRIPTION
0	50	Overburden.
50	141	Sericitic, quartz-chlorite schist very similar to upper section in S-72-3. 5-15% pyrite (over 5' sections). Minor chalcopryrite. e.g. 1/2" stringer at 46 1/2' with some coarse blebs of chalcopryrite, 69 1/2' fine-medium grained chalcopryrite in quartz segregation, 96' a few grains of chalcopryrite. Core angle about 45°. 86-108' very steep fault - almost parallel to core axis, limonite abundant. 87-95' - 1' core lost.
* 95	108 - 10'	core lost.
		Chlorite content varies, some of rock could be called chlorite schist. 113' About 1" of pyrite mud, probably ground core. 128-131'. Fault zone. 1' core lost. Much pyrite.
43.0	141	154 1/2 Pyritic chert, some quartz veining, minor chalcopryrite - usually in fairly splashy blebs (~0.2% Cu for 13 1/2').
47.1 m	154 1/2	231 Muddy chlorite schist. Presumably similar to material above chert but more altered. Pyrite content fairly uniform at about 6-8% for 5' sections.
f		About 176' Kaolin alteration (muddy

WESTERN MINER FORM NO. 508

ASSAYS							
SAMPLE No.	FROM	TO	WIDTH	VALUES			
				Cu	Pb	Zn	Ag/Au
245 N	50	60	10'	.27	-	.03	.04/ .005
246 N	141	154 1/2	13 1/2'	.08	-	L.02	.02/ .005
247 N	176	186	10'	.01	L.02	.03	tr/ tr
248 N	307	308	1'	3.52	L.02	.05	.26/ .005
249 N	350	360	10'	0.07	L.02	.02	.04/ tr
250 N	360	370	10'	0.14	-	.02	-
251 N	370	380	10'	0.10	L.02	.02	tr/ tr
252 N	380	390	10'	0.06	-	-	-
253 N	390	400	10'	0.04	-	-	-
254 N	400	410	10'	0.08	L.02	L.02	tr/ tr
255 N	432	448	16'	0.10	-	-	.04/ .005
256 N	459	460	1'	0.87	-	-	-
257 N	470	475	5'	0.22	-	-	.02/ tr
258 N	496	501	5'	0.41	L.02	L.02	tr/ tr

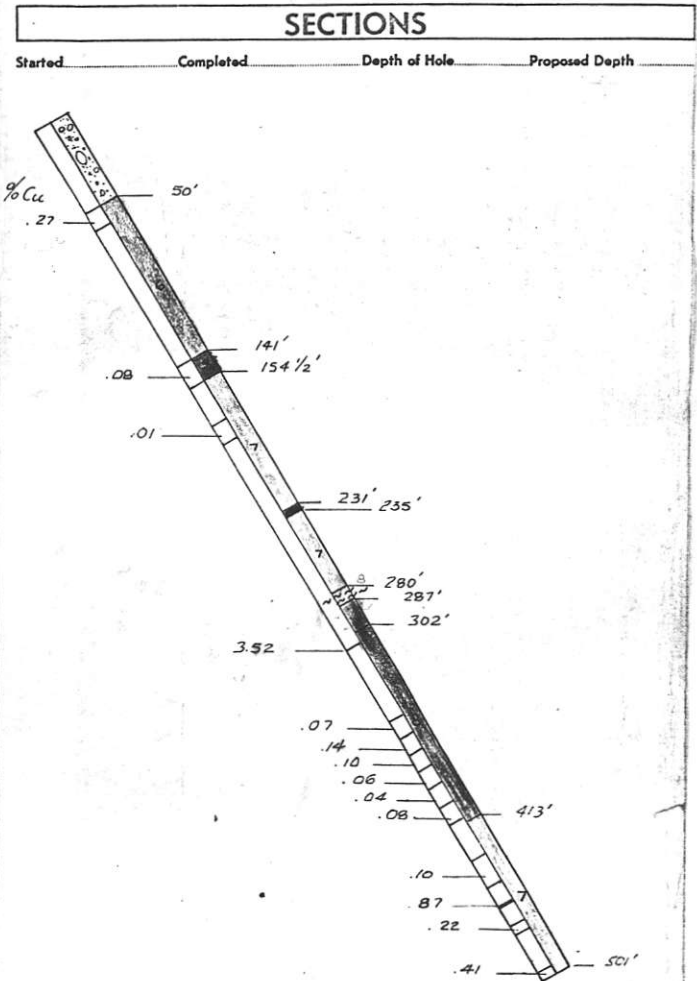
LEGEND

- As on Log R-72-1

Collar Lat. _____ Dep. _____
 Collar Elevation 1905'
 Azimuth at Start _____
 Azimuth at End _____
 DIPS:
 _____ Ft. _____ Ft.
 _____ Ft. _____ Ft.
 _____ Ft. _____ Ft.
 _____ Ft. _____ Ft.

Logged By J.M. Simpson
 Sampling By D. Compton
 Assaying By Bondar Glegg

SCALE 1 inch = 60'



2.54 = 18.3

DIAMOND DRILL RECORD

PROPERTY MOUNT SICKER HOLE NO. S-72-4 DIP _____ LOCATION _____ SHEET NO. 2

LOG

FROM	TO	DESCRIPTION
154 $\frac{1}{2}$	231	appearance) grades into dark chlorite schist. (continued) Pyrite increases to 15% in some 5' sections. (S) 206'.
704m 231	235	Pyrite bearing chert - no chalcopryrite. Some fine fracturing. Pyrite is mostly dissemin- ated & in irregular aggregated bands.
716 235	280	Sericitic-chlorite schist - heavily pyritized. Varying degree of chlorite (e.g. 248 $\frac{1}{2}$ -259 is chloritic, quartz sericite schist). Sulphides in bands, some $\frac{1}{2}$ " wide.
85.3 280	287	Quartz sericite schist - about 20% fine dis- seminated pyrite. (S) 281'. Fault 285-287'.
87.5 287	302	Major fault zone. Only fragments of core recovered. Rock types include chert, quartz sericite schist & quartz veins. All contain considerable pyrite. Some pieces have coarse blebs of chalcopryrite - sample of sludge comes from 292-298 zone.
92 302	413	Quartz sericite schist - about 10% chlorite giving a light grey green colour. Pyrite content about 4-5% for 10' sections. 307-308' - some very coarse blebs of chalco- pyrite controlled by fracturing & contortions in schist. (S)-307 $\frac{1}{2}$ '. Average 3% Cu over 1'. Traces of chalcopryrite 350-360 (section may average 0.1% Cu). Best material in this section is at 354-355' which runs about .3%.

ASSAYS

SAMPLE No.	FROM	TO	WIDTH	VALUES				

LEGEND

-
-
-
-
-
-
-
-
-

Collar Lat. _____ Dep. _____
 Collar Elevation _____
 Azimuth at Start _____
 Azimuth at End _____
 DIPS:
 _____ Ft. _____ Ft.
 _____ Ft. _____ Ft.
 _____ Ft. _____ Ft.
 _____ Ft. _____ Ft.
 Logged By _____
 Sampling By _____
 Assaying By _____

SECTIONS

Started _____ Completed _____ Depth of Hole _____ Proposed Depth _____

DIAMOND DRILL RECORD

PROPERTY MOUNT SICKER HOLE NO. S-72-4 DIP _____ LOCATION _____ SHEET NO. 3

LOG		
FROM	TO	DESCRIPTION
302	413	383-384 - minor fault zone. Minor amounts of (continued) chalcopyrite scattered throughout.
413	501	Gradation into true chlorite schist (i.e. contact is arbitrarily set at 413'). Sulphide content has dropped off to 1 or 2% for most 5' sections.
	152.9	421' - quartz segregation ≈ 1" wide with moderate chalcopyrite (fine-grained).
		433' - 2" band with some coarse chalcopyrite.
		447-448' - fractures parallel to core with some coarse chalcopyrite. Some calcite filled fractures & gashes, some remnant chrystalline. Sections indicating possible intertuff flows.
		END OF HOLE.

ASSAYS						
SAMPLE No.	FROM	TO	WIDTH	VALUES		
LEGEND			Collar Lat. _____ Dep. _____			
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			Collar Elevation _____			
			Azimuth at Start _____			
			Azimuth at End _____			
			DIPS:			
			_____ Ft. _____ Ft.			
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			_____ Ft. _____ Ft.			
			_____ Ft. _____ Ft.			
			Logged By _____			
			Sampling By _____			
			Assaying By _____			
SCALE		inch				

SECTIONS			
Started	Completed	Depth of Hole	Proposed Depth

DIAMOND DRILL RECORD

 PROPERTY MOUNT SICKER

 HOLE NO. S-72-5

 DIP -61° (start)

 LOCATION 4 E. - 6 N.

 SHEET NO. 1

LOG		
FROM	TO	DESCRIPTION
0	7	Overburden.
7	12	Diorite - dark green medium-grained irregular patches of epidote after feldspar.
2.1	3.7	No sulphide.
12	15½	Surface - leached & oxidized quartz sericite schist - badly broken up.
	4.7	
15½	151	Diorite - sheared, some patches with recognizable mafics, other gone to epidote. Some sections highly silicified e.g. 20-20½' (also some brecciation here) 24-25' & 28-32'. Note 33-36' - fractures filled with fine-grained copper coloured material; very soft but metallic sheen like native copper. Mostly in fractures, but some disseminated. More silicified sections - average composition of rock probably closer to dacite - many irregular gashes filled with calcite. More Cu coloured material & Fe oxide (red). 69-70' and then scattered rarely beyond there 83-84' - minor shearing, more Cu? mostly in fractures, also 89', 92', 93'. 125-126' - minor shearing to give quartz chlorite schist. 131½-134' - quartz sericite schist. 135-136' - quartz sericite schist & minor very fine pyrite in these more acid sections. (S) 134½ - "diorite".
	46.0	

ASSAYS							
SAMPLE No.	FROM	TO	WIDTH	VALUES			
				Cu	Zn	Au	Ag
				oz/T	oz/T		
259	24	34	10'	L.01	-	-	-
260	34	36	2'	L.01	-	-	-
261	36	46	10'	.01	-	-	-
262	81	91	10'	L.01	-	-	-
263	91	101	10'	L.01	-	-	-
264	266	276	10'	.04	-	-	-
265	452	462	10'	.05	.46	-	-
266	462	472	10'	.01	.14	-	-
267	472	482	10'	L.01	.02	-	-
268	482	495	13'	.02	.09	-	-
269	642.5	647.5	5'	.01	-	.005	.02
270	830	840	10'	L.01	L.02	-	-
271	850	860	10'	L.01	L.02	-	-
272	870	880	10'	L.01	.02	-	-
273	890	900	10'	.02	L.02	-	-
274	1157	1167	10'	.03	L.02	.01	.05

LEGEND		Collar Lat. _____ Dep. _____	
<input type="checkbox"/>	As on Log	Collar Elevation _____	
<input type="checkbox"/>	R-72-1	Azimuth at Start <u>180°</u>	
<input type="checkbox"/>		Azimuth at End <u>172°</u>	
<input type="checkbox"/>		DIPS:	
<input type="checkbox"/>		Collar Ft. <u>-61°</u>	754 Ft. <u>-43°</u>
<input type="checkbox"/>		200 Ft. <u>-64°</u>	1151 Ft. <u>-26°</u>
<input type="checkbox"/>		400 Ft. <u>-57°</u>	1300 Ft. <u>-31°</u>
<input type="checkbox"/>		600 Ft. <u>-51°</u>	_____ Ft. _____
<input type="checkbox"/>		Logged By <u>J.W. Simpson</u>	
<input type="checkbox"/>		Sampling By <u>D. Compton</u>	
<input type="checkbox"/>		Assaying By <u>Bondar Clegg</u>	
SCALE 1 inch = 60'			

SECTIONS	
Started <u>Nov. 19/72</u>	Completed <u>Nov. 27/72</u> Depth of Hole <u>1342'</u> Proposed Depth <u>1500'</u>

SECTION PLOTTED ON SEPARATE SHEET

DIAMOND DRILL RECORD

PROPERTY MOUNT SICKERHOLE NO. S-72-5

DIP _____

LOCATION _____

SHEET NO. 2

LOG

FROM	TO	DESCRIPTION
151	166	RHYOLITE CRYSTAL TUFF - sheared to give whitish quartz-sericite schist. Traces of fine disseminated pyrite. Angular quartz & feldspar fragment to 2mm. Core angle -45° .
166	168½	Andesitic flow - irregular fractures filled with calcite - minor disseminated pyrite.
168½	190	QUARTZ SERICITE SCHIST as 151-166, (S) 173'. From 174' on rock becomes coarser grained & more basic, gradation into chloritic tuff 188-190' & then fairly sharp contact.
190	196½	Fairly coarse diorite. Mafics & feldspar altered → epidote & chlorite.
196½	201	Quartz sericite schist.
201	452	Hornfels 201-202' some chalcopryrite & about 15% pyrite then coarse diorite → 20% feldspar in laths & irregular masses. Irregular veinlets filled with epidote, some wide (3") quartz-carbonate-epidote veins; fracturing weak - very few sulphides, (3)-230'. 268-269' - some quartz veining in area of more intense fracturing than before - traces of chalcopryrite & minor pyrite in fractures associated with quartz. Graphite develops on some minor slips. 305' - another zone of fracturing quartz-epidote veining & carbonate fracture filling. 1 large (3mm.) grain of chalcopryrite.

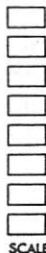
ASSAYS

SAMPLE No.	FROM	TO	WIDTH	VALUES			

SECTIONS

Started _____ Completed _____ Depth of Hole _____ Proposed Depth _____

LEGEND



SCALE inch

 Collar Lat. _____ Dep. _____
 Collar Elevation _____
 Azimuth at Start _____
 Azimuth at End _____
 DIPS:
 _____ Ft. _____ Ft.
 _____ Ft. _____ Ft.
 _____ Ft. _____ Ft.
 _____ Ft. _____ Ft.
 Logged By _____
 Sampling By _____
 Assaying By _____

DIAMOND DRILL RECORD

PROPERTY MOUNT SICKER HOLE NO. S-72-5 DIP _____ LOCATION _____ SHEET NO. 3

LOG		
FROM	TO	DESCRIPTION
201	452	316-318, 326-327 - fine-grained grey dykes.
		(continued) 385-390 - some wide carbonate veinlets (fracture fillings).
		392-393 - much quartz veining.
		399' - minor fault.
		441-452' - progressive silicification, minor pyrite.
452	495 $\frac{1}{2}$	Quartz-sericite schist, minor amounts of pyrite in bands. Core angle 70-80° to axis of hole. Traces of chalcopryrite & sphalerite associated with quartz rich sections.
		478-484' - abundant quartz veining but very little sulphide. Traces of chalcopryrite in with fine pyritic bands.
495 $\frac{1}{2}$	506	Medium-grained diorite - as 201-452'. Traces of pyrite.
506	611	Fine dark green sheared calcareous andesite tuffs. Now chlorite schist in part. Some coarse sections like the diorite. Calcite may be part indigenous, certainly most of it has been introduced along fractures, rock has little or no pyrite. (S) 554'. More very fine red metallics (like red specularite), scattered 538-565.
		565-567' - medium grained diorite again.
		554' - minor chalcopryrite in fracture.
		575-611' - considerable calcite in gashes

ASSAYS						
SAMPLE No.	FROM	TO	WIDTH	VALUES		

SECTIONS			
Started	Completed	Depth of Hole	Proposed Depth

LEGEND	
<div style="display: flex; flex-direction: column; gap: 5px;"> <input style="width: 20px; height: 10px;" type="checkbox"/> <input style="width: 20px; height: 10px;" type="checkbox"/> <input style="width: 20px; height: 10px;" type="checkbox"/> <input style="width: 20px; height: 10px;" type="checkbox"/> <input style="width: 20px; height: 10px;" type="checkbox"/> <input style="width: 20px; height: 10px;" type="checkbox"/> <input style="width: 20px; height: 10px;" type="checkbox"/> <input style="width: 20px; height: 10px;" type="checkbox"/> </div> <p>SCALE _____ inch</p>	<p>Collar Lat. _____ Dep. _____</p> <p>Collar Elevation _____</p> <p>Azimuth at Start _____</p> <p>Azimuth at End _____</p> <p>DIPS:</p> <p>_____ Ft. _____ Ft.</p> <p>_____ Ft. _____ Ft.</p> <p>_____ Ft. _____ Ft.</p> <p>_____ Ft. _____ Ft.</p> <p>Logged By _____</p> <p>Sampling By _____</p> <p>Assaying By _____</p>

WESTERN MINER FORM NO. 506

DIAMOND DRILL RECORD

 PROPERTY MOUNT SICKER

 HOLE NO. S-72-5

DIP _____

LOCATION _____

 SHEET NO. 5

LOG		
FROM	TO	DESCRIPTION
		Last 15' grade into more acidic rock.
980	1044	Quartz-chlorite-sericite schist, medium grey colour. Minor disseminated pyrite.
		997-1007' - Fault gouge. Much shearing beyond 1007' indicating major Fault Zone.
		Only 2-3' of core lost. After 1007' - pyrite content increases slightly in more silicified rock - sulphide now averages 30 1/4%.
1044	1076	Complex section of andesite tuffs, diorites & chlorite schists, low sulphide.
		1045-1046 1/2' - Fault gouge. Much quartz veining & calcite fracture filling. 1063-1065' - Fault gouge.
		1066-1072' - Quartz sericite schist interbed.
1076	1153	Quartz-chlorite-sericite schist.
		1080-1081 1/2' - fault gouge. Core angle 70° - 80° to axis of hole except for minor contortions.
		1092-1093 & 1103' - minor faults. Pyrite content of schists only 1% or so. Very fine disseminated crystals. (S)-1105' - Quartz chlorite-sericite schist.
		1121-1125 - major fault. Filled with gouge, no sulphides, probably fairly steep.
		1 1/2' core lost.
1153	1169	Mottled grey green sheared coarse tuff or pyroclastic, minor fine pyrite.

ASSAYS					
SAMPLE No.	FROM	TO	WIDTH	VALUES	

SECTIONS			
Started	Completed	Depth of Hole	Proposed Depth

LEGEND	
<div style="display: flex; flex-direction: column; gap: 5px;"> <div><input type="checkbox"/></div> <div><input type="checkbox"/></div> <div><input type="checkbox"/></div> <div><input type="checkbox"/></div> <div><input type="checkbox"/></div> <div><input type="checkbox"/></div> <div><input type="checkbox"/></div> <div><input type="checkbox"/></div> <div><input type="checkbox"/></div> <div><input type="checkbox"/></div> </div> <p>SCALE inch</p>	Collar Lat. _____ Dep. _____ Collar Elevation _____ Azimuth at Start _____ Azimuth at End _____ DIPS: _____ Ft. _____ Ft. _____ Ft. _____ Ft. _____ Ft. _____ Ft. _____ Ft. _____ Ft. Logged By _____ Sampling By _____ Assaying By _____

DIAMOND DRILL RECORD

PROPERTY MOUNT SICKER

HOLE NO. S-72-5

DIP _____

LOCATION _____

SHEET NO. 6

LOG

FROM	TO	DESCRIPTION
1169	1188	Quartz-chlorite schist, medium grey fracture fillings of calcite & quartz. Minor fine-grained disseminated pyrite. 1178-1188' - major fault zone, much gouge, about 2' core lost. Chlorite content very high before fault & then drops off afterwards.
1188	1277	Quartz-chlorite-sericite schist as before - considerable tectonic activity but good core recovery. 1213-1214' - fault, also 1221-1222'. After 1222' grades in quartz-sericite schist with minor chlorite. Fractured silicified sections after 1230' have minor sulphides (mostly pyrite on fractures).
1277	1315	Gradual increase in chlorite from 1277' on. Could be called quartz chlorite schist, minor disseminated pyrite, core angle about 45°. Some coarse sections (on a scale of a few inches) indicating waterlain environment. Gradation into more basic material 1307-1315'.
1315	1343	Amygdaloidal andesite - like "diorite" before but "feldspar" grains (now epidote) look more like amygdules. Very light shearing has produced matrix of chlorite. Very rare pyrite.
		END OF HOLE.

ASSAYS

SAMPLE No.	FROM	TO	WIDTH	VALUES		

SECTIONS

Started _____ Completed _____ Depth of Hole _____ Proposed Depth _____

LEGEND

- -
 -
 -
 -
 -
 -
 -
- SCALE inch

Collar Lat. _____ Dep. _____
 Collar Elevation _____
 Azimuth at Start _____
 Azimuth at End _____
 DIPS:
 _____ Ft. _____ Ft.
 _____ Ft. _____ Ft.
 _____ Ft. _____ Ft.
 _____ Ft. _____ Ft.

Logged By _____
 Sampling By _____
 Assaying By _____