

HOLE No. : C 37

SAMPLE DATA

SHEET No. :

LENS	SAMPLE No.	ROCK TYPE	Σ	INTERVAL		Length (L)	Assays (A)				Product (A x L)		
				From	To		% Snt	% Sns	% Cu		P. Snt	P. Sns	P. Cu
	622	lode & chert		180'	183'	3'	0.94		1.20				
	623	lode		183'	186'	3'	2.27		0.62				
	624	lode & chert		186'	189'	3'	1.96		0.60				
	625	lode & chert		189'	192'	3'	1.10		0.29				
	626	lode		192'	195'	3'	1.78		0.56				
	627	lode		195'	198'	3'	0.80		0.25				
			Σ	180'	198'	18'	1.46						
	628	lode		198'	201'	3'	0.55		0.15				
	629	lode		201'	204'	3'	0.50		0.22				
			Σ	198'	204'	6'	0.52						
	630	lode & chert		204'	207'	3'	0.98		1.10				
	631	lode		207'	210'	3'	2.23		1.10				
	632	lode		210'	213'	3'	1.64		0.44				
	633	lode		213'	214½'	1½'	1.31		0.45				
			Σ	204'	214½'	10½'	1.57						
	634	Chert		214½'	218½'	4'	TR		TR				
	635	lode & chert		218½'	221½'	3'	1.98		1.42				
	636	Sandstone lode, chert		221½'	224½'	3'	1.23		0.50				

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SHEET No. :

LENS	SAMPLE No.	ROCK TYPE	Σ	INTERVAL		Length (L)	Assays (A)				Product (A x L)		
				From	To		% Snt	% Sns	% Cu		P. Snt	P. Sns	P. Cu
	637	Lode		224½'	227½'	3'	0.97		0.50				
	638	Lode		227½'	230½'	3'	1.37		0.42				
	639	Lode		230½'	232'	1½'	0.98		0.48				
			Σ	218½'	232'	13½'	1.32						
			Σ	180'	232'	52'	1.23		0.57				
				54.9	70.7								
		Lode & chert Vein		334'	337'	3'	0.44						
		Chert S. Stone		337'	340'	3'	TR						
		S. Stone		340'	343'	3'	3.48						
		Lode chert		343'	346'	3'	1.71						
		Lode		346'	349'	3'	2.97						
		Lode & chert		349'	352'	3'	2.60						
			Σ	340'	352'	12'	2.69						
			Σ	334'	352'	18'	1.87						
				101.8.	107.3.	11'							
						5.49m							

HOLE No. : C.37

GEOLOGICAL LOG

SHEET No. : One

FOOTAGE : From 0' 0" To 145' 0"

DRILL FOOTAGE		VEIN OR OTHER INTERSECTIONS			BEDDING	FOOTAGE		LITHOLOGY	DESCRIPTION	ASSAYS		
From	To	Depth	True Width	Angle to Core Axis	Angle to Core Axis	Recovery	Length			% Snt	% Sns	% Cu
0' 0"	14' 0"						14' 0"	Siltstone and Sandstone (core discarded)				
14' 0"	45' 6"				40°		31' 6"	Chert and Siliceous shale				
45' 6"	94' 0"						48' 6"	Sandstone Felspathic, fine, massive.				
		49' 6"	3/8"	10°				Vein: Drusy Quartz with leached and oxidized sulphide, fine tin and chlorite.				
		53'	1/2"	10°				Vein: Quartz as above.				
		73'	1/2"	40°				Vein Quartz, leached.				
		75'	1"	40°				Vein Quartz, leached.				
94' 0"	99' 0"						5' 0"	Shale Siliceous.				
99' 0"	120' 0"						21' 0"	Sandstone Felspathic, fine, massive.				
		102'	3/4"	40°				Vein Drusy Quartz.				
		109' 6"	2 1/2"					Vein Broken irregular drusy quartz.				
		112'	3/4"	35°				Vein Drusy quartz, with pyrrhotite, chalcopyrite, marmatite and chlorite.				
120' 0"	140' 0"						20' 0"	Shale with intercalated chert. (cont.).				
		120'	1 1/2"	60°	60°			Vein Quartz on top contact (parallel to bedding).				
		137'	1"	55°				Vein Quartz.				
140' 0"	145' 0"				45° to 55°		5' 0"	Chert and cherty shale, weakly mineralised with sulphides between 143' 6" and 144' 3".				

HOLE No. : C.37

GEOLOGICAL LOG

SHEET No. : Two

FOOTAGE : From 145' 0" To 189' 6"

DRILL FOOTAGE		VEIN OR OTHER INTERSECTIONS			BEDDING	FOOTAGE		LITHOLOGY	DESCRIPTION	ASSAYS		
From	To	Depth	True Width	Angle to Core Axis	Angle to Core Axis	Recovery	Length			% Snt	% Sns	% Cu
145' 0"	148' 0"						3' 0"	Shale.				
148' 0"	159' 0"						11' 0"	Sandstone	Felspathic, fine, massive.			
		153'	3/8	20°				Vein:	Quartz.			
159' 0"	175' 0"				50°		16' 0"	Shale	and siliceous shale.			
175' 0"	180' 0"				35° to 45°		5' 0"	Chert	deformed, and brecciated.			
180' 0"	181' 0"						1' 0"	LODE	chert, moderately mineralised with pyrrhotite and chalcoppyrite.			
181' 0"	183' 0"						2' 0"	Chert	and siliceous shale, brecciated contains inclusions of quartz with pyrrhotite.			
183' 0"	185' 0"						2' 0"	LODE	Chert, mineralised with pyrrhotite chalcoppyrite and little free quartz.			
185' 0"	186' 6"						1' 6"	LODE	Chert, poorly mineralised.			
186' 6"	187' 6"				45°		1' 0"	LODE	Sandstone, moderate pyritic mineralisation.			
187' 6"	188' 0"						0' 6"	Chert	and shale mineralised.			
188' 0"	189' 6"				45°		1' 6"	LODE	Sandstone, moderate pyrrhotitic mineralisation.			
		188' 6"	1/4"					Vein:	Arsenopyrite, with chalcoppyrite and carbonates.			

HOLE No. : C. 37

GEOLOGICAL LOG

SHEET No. : Three

FOOTAGE : From 189' 6" To 236' 0"

DRILL FOOTAGE		VEIN OR OTHER INTERSECTIONS			BEDDING	FOOTAGE		LITHOLOGY	DESCRIPTION	ASSAYS		
From	To	Depth	True Width	Angle to Core Axis	Angle to Core Axis	Recovery	Length			% Snt	% Sns	% Cu
189' 6"	190' 6"						1' 0"	Chert	and shale, deformed.			
190' 6"	198' 6"						8' 0"	LODE	Sandstone and chert sparse pyrrhotite, and chalcopyrite mineralisation. (specimen 37 -191)			
198' 6"	205' 6"				45°		7' 0"	LODE	chert poor, irregular pyrrhotite, chalcopyrite and arsenopyrite mineral- isation.			
205' 6"	206' 6"				40°		1' 0"	Chert				
206' 6"	214' 6"				30° to 60°		8' 0"	LODE	Sandstone chert, moderately mineralised with pyrrhotite, chalcopyrite and pyrite.			
214' 6"	218' 6"						4' 0"	Chert	with very minor pyrrhotite			
218' 6"	221' 3"						2' 9"	LODE	chert and fine sandstone with pyrrhotite and chalcopyrite.			
221' 3"	222' 6"						1' 3"	Chert.				
222' 6"	232' 0"						9' 6"	LODE	chert and fine sandstone with sparse pyrrhotite mineralisation. Last 3" contains irregular drusy pyrite.			
232' 0"	236' 0"						4' 0"	Chert	massive "clean".			

HOLE No. : C. 37

GEOLOGICAL LOG

SHEET No. : Four

FOOTAGE : From 236' 0" To 333' 0"

DRILL FOOTAGE		VEIN OR OTHER INTERSECTIONS			BEDDING	FOOTAGE		LITHOLOGY	DESCRIPTION	ASSAYS		
From	To	Depth	True Width	Angle to Core Axis	Angle to Core Axis	Recovery	Length			% Snt	% Sns	% Cu
236' 0"	249' 0"						13' 0"	Sandstone	Felspathic, fine massive.			
		239'	3"	40°				Vein:	Quartz, well mineralised with pyrrhotite, chalcopyrite and minor marmatite, carbonates and fluorite.			
		248' 6"	3"					Vein:	Irregular quartz, well mineralised as above.			
249' 0"	272' 0"						23' 0"	Siltstone	Siliceous, some cherty.			
272' 0"	283' 0"						11' 0"	Sandstone	Felspathic, fine massive contact with above 45° to core.			
283' 0"	286' 0"						3' 0"	Siltstone	Cherty.			
286' 0"	288' 6"						2' 6"	Shale				
288' 6"	304' 6"						16' 0"	Siltstone	Cherty, massive, pale yellow/grey to green.			
304' 6"	306' 0"						1' 6"	Sandstone	Felspathic, massive. Top contact 40°, bottom contact 30°.			
306' 0"	325' 6"						19' 6"	Sandstone	Felspathic, siliceous siltstone and silty shale all interbedded, with cherty intercalations.			
325' 6"	333' 0"				60°		7' 6"	Shale	Pale cherty shale.			

HOLE No. : C.37

GEOLOGICAL LOG

SHEET No. Five

FOOTAGE: From 333' 0" To 380' 0"

DRILL FOOTAGE		VEIN OR OTHER INTERSECTIONS			BEDDING	FOOTAGE		LITHOLOGY	DESCRIPTION	ASSAYS		
From	To	Depth	True Width	Angle to Core Axis	Angle to Core Axis	Recovery	Length			% Snt	% Sns	% Cu
333' 0"	334' 0"						1' 0"	Chert	Intercalated, and cherty siltstone.			
334' 0"	336' 0"						2' 0"	LODE	Sandstone with moderate pyrrhotitic mineralisation with minor siderite and intercalated chert.			
336' 0"	338' 3"						2' 3"	Chert	and cherty siltstone.			
		337' 3"	½"	35°				Vein	Quartz/siderite with pyrrhotite.			
338' 3"	341' 0"						12' 9"	Sandstone	with irregular quartz, pyrite and siderite mineralisation.			
341' 0"	341' 6"						0' 6"	Chert	and Sandstone.			
341' 6"	351' 0"				55°		9' 6"	LODE	Sandstone, moderate pyrrhotite and chalcopyrite mineralisation.			
351' 0"	352' 0"						1' 0"	Chert	and cherty siltstone.			
352' 0"	358' 6"						6' 6"	Sandstone	Felspathic with weak pyritic mineralisation and minor siderite alteration.			
358' 6"	369' 0"						10' 6"	Siltstone	Intercalated siliceous, felspathic sandstone and shale.			
369' 0"	377' 0"						8' 0"	Sandstone	Felspathic, fine, massive.			
377' 0"	380' 0"						3' 0"	Sandstone	Intercalated and brecciated felspathic sandstone and shale.			

HOLE No. :.....G37.....

GEOLOGICAL LOG

SHEET No. :.....Six.....

FOOTAGE : From.....380' 0"..... To.....

DRILL FOOTAGE		VEIN OR OTHER INTERSECTIONS			BEDDING	FOOTAGE		LITHOLOGY	DESCRIPTION	ASSAYS		
From	To	Depth	True Width	Angle to Core Axis	Angle to Core Axis	Recovery	Length			% Snt	% Sns	% Cu
380' 0"	403' 6"						23' 6"	Sandstone	Felspathic, fine, massive.			
403' 6"	406' 0"						2' 6"	Vein	Irregular quartz, with arsenopyrite, pyrrhotite, pyrite and chalcopyrite. (6" core lost.)			
406' 0"	409' 0"						3' 0"	Sandstone	felspathic, very broken core (2' lost) pieces of felspathic sandstone, quartz with chalcopyrite and pyrrhotite.			
409' 0"	410' 0"						1' 0"	Siltstone	Siliceous.			
410' 0"	412' 0"		12"	30°			2' 0"	Vein	Quartz with pyrrhotite, chalcopyrite and carbonates.			
412' 0"	415' 6"						3' 6"	Siltstone	Siliceous, with pseudo-brecciation and minor carbonates alteration.			
		415'	1/2"	20°				Veins	Quartz with chalcopyrite and carbonates.			
			3/4"	50°								
415' 6"	461' 0"						45' 6"	Sandstone	Felspathic, fine to medium grained, massive. Grey to creamy colour with minor bands of siltstone and shale.			
HOLE COMPLETED AT 461'.												

HOLE No. : C. 37

GEOLOGICAL LOG

FOOTAGE : From 0' 0" To 63' 6"

DRILL FOOTAGE		VEIN OR OTHER INTERSECTIONS			BEDDING	FOOTAGE		LITHOLOGY	DESCRIPTION	ASSAYS		
From	To	Depth	True Width	Angle to Core Axis	Angle to Core Axis	Recovery	Length			% Snt	% Sns	% Cu
0' 0"	14' 0"						14' 0"	Siltstone	and Sandstone - core discarded (R. Dale's Log).			
14' 0"	15' 0"						1' 0"	Shale	light grey - chocolate brown.			
15' 0"	23' 0"				22°		8' 0"	Shale	chocolate brown - finely foliated with felspar spots.			
23' 0"	26' 0"				28°		3' 0"	Shale	as above.			
26' 0"	27' 0"						1' 0"	Shale	as above.			
27' 0"	28' 0"						1' 0"	Shale	as above.			
28' 0"	30' 0"						2' 0"	Shale	as above.			
30' 0"	36' 6"				28°		6' 6"	Shale	as above.			
36' 6"	39' 6"						3' 0"	Shale	as above.			
39' 6"	45' 6"				18°		6' 0"	Shale	light grey, finely foliated - hard and silicified, with felspar spots.			
45' 6"	53' 6"						8' 0"	Sandstone	medium grey, micaceous.			
		49' 6"	1/2"	10°				Vein:	vugy Quartz - limonite vein with sulphides			
		52' 3"	1/2"	10°				Vein:	vugy Quartz - Chlorite.			
53' 6"	63' 6"						10' 0"	Sandstone	medium grey, micaceous.			

HOLE No. : C. 37

GEOLOGICAL LOG

FOOTAGE : From 63' 6" To 120' 0".

DRILL FOOTAGE		VEIN OR OTHER INTERSECTIONS			BEDDING	FOOTAGE		LITHOLOGY	DESCRIPTION	ASSAYS		
From	To	Depth	True Width	Angle to Core Axis	Angle to Core Axis	Recovery	Length			% Snt	% Sns	% Cu
63' 6"	74' 0"						10' 6"	Sandstone	medium grey, micaceous.			
		73' 0"	1 1/2"	38°				Vein:	banded vugy Quartz - limonite vein with Chlorite, margins.			
74' 0"	85' 0"						11' 0"	Sandstone	medium grey, micaceous.			
		75' 0"	3 1/2"	35°				Vein:	banded, vugy Quartz with chlorite margins.			
85' 0"	94' 0"						9' 0"	Sandstone	medium grey, micaceous.			
94' 0"	99' 0"				32°		5' 0"	Shale	dark grey - dark brown, banded, - silicified and hard - some bands with felspar spots.			
99' 0"	109' 0"						10' 0"	Sandstone	medium grey, micaceous.			
		102' 3"	1"	42°				Vein:	banded vugy Quartz, with Chlorite margins.			
109' 0"	119' 0"						10' 0"	Sandstone	medium grey, micaceous.			
		109' 6"	2 1/2"					Vein:	fragments of vugy Quartz, with Chlorite margins.			
		112' 4"	1"	36°				Vein:	vugy Quartz, with massive Chalcopryrite and minor Sphalerite, Chlorite and Pyrrhotite.			
119' 0"	120' 0"						1' 0"	Sandstone	medium grey, micaceous.			

HOLE No. : C. 37

GEOLOGICAL LOG

FOOTAGE : From 120' 0" To 146' 0".

DRILL FOOTAGE		VEIN OR OTHER INTERSECTIONS			BEDDING	FOOTAGE		LITHOLOGY	DESCRIPTION	ASSAYS		
From	To	Depth	True Width	Angle to Core Axis	Angle to Core Axis	Recovery	Length			% Snt	% Sns	% Cu
		120' 0"	1 1/2"	55°				Vein:	banded Quartz, with minor Chlorite.			
120' 0"	124' 6"				32°		4' 6"	Shale	light grey, banded - hard and siliceous.			
124' 6"	125' 9"				28°		1' 3"	Chert	light grey, banded.			
125' 9"	129' 0"						3' 3"	Shale	medium to light grey, banded - hard and siliceous.			
129' 0"	135' 0"						6' 0"	Shale	as above, with felspar spots.			
135' 0"	139' 0"				43°		4' 0"	Shale	medium to light grey, banded - hard and siliceous with felspar spots.			
		137' 6"	1"	62°				Vein:	Quartz.			
139' 0"	141' 0"						2' 0"	Chert	medium grey - medium brown, banded, (associated with joints and/ or faults?)			
		139' 6"		42° 20°					Two joint ? fractures along which bedding laminae show displacement = fault (?)			
141' 0"	144' 0"						3' 0"	Shale	medium grey - medium brown, banded, with chert bands & felspar spots.			
		143' 9"	3"	60°				Vein:	vugy Quartz - Chlorite, with Chlorite margins.			
144' 0"	146' 0"				50°		2' 0"	Shale	medium to light grey, banded, with chert bands.			

N.W.P.S.

HOLE No. : C.37

GEOLOGICAL LOG

SHEET No. : Four.

FOOTAGE : From 146' 0" To 183' 0".

DRILL FOOTAGE		VEIN OR OTHER INTERSECTIONS			BEDDING	FOOTAGE		LITHOLOGY	DESCRIPTION	ASSAYS		
From	To	Depth	True Width	Angle to Core Axis	Angle to Core Axis	Recovery	Length			% Snt	% Sns	% Cu
146' 0"	148' 0"						2' 0"	Shale	medium to light grey, banded.			
148' 0"	150' 0"						2' 0"	Sandstone	medium grey, micaceous.			
150' 0"	155' 0"						5' 0"	Sandstone	as above.			
		153' 0"	1/2"	18°				Vein:	vugy Quartz.			
155' 0"	158' 0"				74°		3' 0"	Sandstone	medium grey, micaceous - contact @ 158' makes 74° wdc (faulted?)			
158' 0"	159' 0"				35°		1' 0"	Shale	medium grey to brown, finely foliated, - hard and siliceous, with felspar spots.			
159' 0"	164' 0"				42°		5' 0"	Shale	as above.			
		161' 0"		75°					joints and clear planes (?) along which bedding lamina show displacement.			
164' 0"	170' 0"						6' 0"	Shale	medium grey to brown, finely foliated, with felspar spots.			
170' 0"	174' 6"						4' 6"	Shale	medium to light grey, banded.			
174' 6"	180' 0"				35°		5' 6"	Chert	medium grey - chocolate brown, banded.			
180' 0"	181' 9"						1' 9"	LODE	massive Pyrrhotite and Chalcopyrite, Quartz - Carbonate.			
181' 9"	183' 0"						1' 3"	Chert	medium grey - chocolate brown, banded.			

HOLE No. : C.37

GEOLOGICAL LOG

FOOTAGE : From 183' 0" . To 198' 0" .

DRILL FOOTAGE		VEIN OR OTHER INTERSECTIONS			BEDDING	FOOTAGE		LITHOLOGY	DESCRIPTION	ASSAYS		
From	To	Depth	True Width	Angle to Core Axis	Angle to Core Axis	Recovery	Length			% Snt	% Sns	% Cu
183' 0"	185' 9"						2' 9"	LODE	massive Pyrrhotite and Chalcopyrite and Quartz - banded.			
185' 9"	186' 0"						0' 3"	Chert	medium grey - chocolate brown, banded chert and shale.			
186' 0"	186' 3"						0' 3"	Chert	as above.			
186' 3"	187' 9"				48°		1' 6"	LODE	massive Pyrrhotite, with minor Chalcopyrite : banded.			
187' 9"	188' 2"						0' 5"	Chert	medium to light grey, banded.			
188' 2"	189' 0"						0' 10"	LODE	massive Pyrrhotite, with minor Chalcopyrite and Sphalerite - banded.			
189' 0"	190' 6"						1' 6"	Chert	light grey, banded - slightly mineralised (Pyrrhotite and Chalcopyrite.)			
190' 6"	192' 0"						1' 6"	LODE	massive Pyrrhotite and Chalcopyrite - banded, Quartz - Carbonate.			
192' 0"	195' 0"						3' 0"	LODE	as above.			
195' 0"	198' 0"						3' 0"	LODE	massive Pyrrhotite and Chalcopyrite - banded, - weakly mineralised Quartz - Carbonate.			

HOLE No. : C.37

GEOLOGICAL LOG

SHEET No. : Six.

FOOTAGE: From 198' 0" To 213' 0".

DRILL FOOTAGE		VEIN OR OTHER INTERSECTIONS			BEDDING	FOOTAGE		LITHOLOGY	DESCRIPTION	ASSAYS		
From	To	Depth	True Width	Angle to Core Axis	Angle to Core Axis	Recovery	Length			% Snt	% Sns	% Cu
198' 0"	198' 10"						0' 10"	LODE	massive Pyrrhotite and Chalcopyrite - banded, - weakly mineralised Quartz - Carbonate.			
198' 10"	201' 0"						2' 2"	Chert	yellow brown, banded.			
201' 0"	203' 9"						2' 9"	Chert	light grey - yellow-brown, banded, with 3" Lode (Pyrrhotite and Chalcopyrite) @ 201' 4".			
203' 9"	204' 2"						0' 5"	LODE	massive Pyrrhotite and Chalcopyrite.			
204' 2"	205' 3"						1' 1"	Chert	yellow-brown/ light grey, banded - hard and siliceous.			
205' 3"	206' 0"						0' 9"	LODE	Pyrrhotite and Chalcopyrite (massive), - banded.			
206' 0"	207' 0"						1' 0"	Chert	light grey - yellow brown, banded, with minor siliceous shale bands.			
207' 0"	210' 0"						3' 0"	LODE	massive Pyrrhotite and Chalcopyrite and Sphalerite - banded.			
210' 0"	213' 0"				48°		3' 0"	LODE	as above, with light grey chert bands, 3" true width @ 211' 6" and 212' 6".			

HOLE No. : C.37

GEOLOGICAL LOG

SHEET No. : Seven

FOOTAGE : From 213' 0" To 230' 6".

DRILL FOOTAGE		VEIN OR OTHER INTERSECTIONS			BEDDING	FOOTAGE		LITHOLOGY	DESCRIPTION	ASSAYS		
From	To	Depth	True Width	Angle to Core Axis	Angle to Core Axis	Recovery	Length			% Snt	% Sns	% Cu
213' 0"	214' 6"						1' 6"	LODE	massive Pyrrhotite and Chalcopyrite - banded.			
214' 6"	216' 0"						1' 6"	Chert	light grey - yellow brown, banded.			
216' 0"	218' 6"						2' 6"	Chert	as above, with minor hard siliceous shale bands.			
218' 6"	221' 3"						2' 9"	LODE	massive Pyrrhotite and Chalcopyrite with minor Sphalerite : banded.			
221' 3"	221' 6"						0' 3"	Chert	yellow-brown, banded chert and shale, - (50:50)			
221' 6"	222' 3"						0' 9"	Chert	as above (50:50)			
222' 3"	224' 6"						2' 3"	LODE	massive Pyrrhotite and Chalcopyrite plus minor Sphalerite - banded.			
224' 6"	227' 6"						3' 0"	LODE	massive Pyrrhotite and Chalcopyrite ; banded.			
227' 6"	228' 6"						1' 0"	Chert	dark grey, banded.			
228' 6"	230' 6"						2' 0"	LODE	vugy nature with massive Pyrrhotite, Chalcopyrite and Pyrite.			

HOLE No. : C.37

GEOLOGICAL LOG

SHEET No. : Eight

FOOTAGE : From 230' 6" To 264' 0"

DRILL FOOTAGE		VEIN OR OTHER INTERSECTIONS			BEDDING	FOOTAGE		LITHOLOGY	DESCRIPTION	ASSAYS		
From	To	Depth	True Width	Angle to Core Axis	Angle to Core Axis	Recovery	Length			% Snt	% Sns	% Cu
230' 6"	232' 0"				37°		1' 6"	LODE	vugy nature with massive Pyrrhotite and Chalcopyrite, Pyrite plus minor Sphalerite			
232' 0"	236' 0"				56°		4' 0"	Shale	light grey, finely foliated - hard and siliceous.			
236' 0"	236' 9"						0' 9"	Shale	as above - contact @ 236' 9" makes 26° wdc.			
236' 9"	240' 6"						3' 9"	Sandstone	medium grey, micaceous.			
		239' 6"	4"	33°				Vein:	Quartz - massive Pyrrhotite and Chalcopyrite, with minor Sphalerite, carbonates and green Fluorite.			
240' 6"	249' 0"						8' 6"	Sandstone	medium grey, micaceous.			
		248' 8"	3"	26°				Vein:	Quartz - massive Pyrrhotite and Chalcopyrite.			
249' 0"	251' 0"						2' 0"	Shale	light grey, micaceous, - hard and siliceous, with felspar spots.			
251' 0"	251' 7"						0' 7"	Sandstone	medium grey, micaceous.			
251' 7"	255' 0"						3' 5"	Shale	light grey micaceous - hard and siliceous with felspar spots.			
255' 0"	264' 0"				40°		9' 0"	Shale	light grey, banded - hard and siliceous with felspar spots.			

HOLE No. : C.37

GEOLOGICAL LOG

SHEET No. : Nine

FOOTAGE : From 264' 0" To 307' 0"

DRILL FOOTAGE		VEIN OR OTHER INTERSECTIONS			BEDDING	FOOTAGE		LITHOLOGY	DESCRIPTION	ASSAYS		
From	To	Depth	True Width	Angle to Core Axis	Angle to Core Axis	Recovery	Length			% Snt	% Sns	% Cu
264' 0"	269' 6"						5' 6"	Shale	light grey - light brown, banded - hard and siliceous, with felspar spots.			
269' 6"	272' 6"				52°		3' 0"	Shale	light grey - light brown, banded - hard and siliceous, with felspar spots.			
272' 6"	273' 6"						1' 0"	Sandstone	medium grey, micaceous - Contact @ 272' 6" makes 40° wdc.			
273' 6"	276' 0"						2' 6"	Sandstone	medium grey, micaceous.			
276' 0"	278' 0"						2' 0"	Sandstone	as above.			
278' 0"	282' 0"						4' 0"	Sandstone	as above.			
282' 0"	283' 0"						1' 0"	Sandstone	as above.			
283' 0"	285' 0"						2' 0"	Sandstone	as above.			
285' 0"	285' 6"						0' 6"	Shale	medium to light grey, banded - hard and siliceous with felspar spots.			
285' 6"	290' 6"						5' 0"	Shale	medium to light grey banded - hard and siliceous, with felspar spots.			
290' 6"	304' 9"				43°		14' 3"	Shale	light grey banded - hard and siliceous, with felspar spots.			
304' 9"	307' 0"						2' 3"	Sandstone	medium grey, micaceous, - contact @ 304' 9" makes 32° wdc.			

HOLE No. : C.37

GEOLOGICAL LOG

FOOTAGE : From 304' 9" To 337' 0"

DRILL FOOTAGE		VEIN OR OTHER INTERSECTIONS			BEDDING	FOOTAGE		LITHOLOGY	DESCRIPTION	ASSAYS		
From	To	Depth	True Width	Angle to Core Axis	Angle to Core Axis	Recovery	Length			% Snt	% Sns	% Cu
304' 9"	307' 0"	(cont.)							Contact @ 307' 0" makes 40° wdc.			
307' 0"	308' 0"						1' 0"	Shale	dark grey, banded = hard and siliceous.			
308' 0"	311' 6"						3' 6"	Sandstone	medium grey, micaceous.			
311' 6"	316' 0"						4' 6"	Shale	dark grey, banded = hard and siliceous.			
316' 0"	319' 0"				76°		3' 0"	Shale	medium to light grey, banded with felspar spots.			
319' 0"	321' 3"						2' 3"	Shale	as above.			
321' 3"	325' 3"				42°		4' 0"	Volcanics	basic, dark greenish-grey, fine to medium grained, massive.			
325' 3"	330' 6"						5' 3"	Shale	medium to light grey, banded = hard and siliceous, with felspar spots.			
330' 6"	334' 0"				45°		3' 6"	Shale	medium to light grey, banded = hard and siliceous, signs of folding; no felspar spots.			
334' 0"	336' 2"						2' 2"	LODE	Pyrrhotite and Chalcopyrite with minor Sphalerite and Siderite : banded			
336' 2"	337' 0"						0' 10"	Shale	medium grey - medium brown, banded = hard and siliceous.			

HOLE No. : C.37

GEOLOGICAL LOG

FOOTAGE: From 337' 0" To 352' 0"

DRILL FOOTAGE		VEIN OR OTHER INTERSECTIONS			BEDDING	FOOTAGE		LITHOLOGY	DESCRIPTION	ASSAYS		
From	To	Depth	True Width	Angle to Core Axis	Angle to Core Axis	Recovery	Length			% Snt	% Sns	% Cu
337' 0"	338' 10"						1' 10"	Shale	dark grey - dark brown, banded = hard and siliceous.			
		337' 6"	1/2"	35°				Vein:	Quartz - siderite, with Pyrrhotite and Sphalerite - banded.			
338' 10"	340' 0"						1' 2"		banded Quartzite with Chalcopyrite, Pyrite and minor Sphalerite mineralisation.			
340' 0"	340' 3"						0' 3"	LODE	Pyrite, Chalcopyrite and Pyrrhotite - banded.			
340' 3"	341' 0"						0' 9"	Shale	dark grey, banded = hard and siliceous.			
341' 0"	343' 0"				41°		2' 0"	LODE	massive Pyrrhotite and Chalcopyrite - banded.			
343' 0"	346' 0"				50°		3' 0"	LODE	as above.			
346' 0"	349' 0"						3' 0"	LODE	as above.			
349' 0"	351' 0"						2' 0"	LODE	as above.			
351' 0"	352' 0"						1' 0"	Shale	medium grey - medium brown, banded, = hard and siliceous.			

GEOLOGICAL LOG

HOLE No. : C. 37

FOOTAGE: From 352' 0" To 406' 0".

DRILL FOOTAGE		VEIN OR OTHER INTERSECTIONS			BEDDING	FOOTAGE		LITHOLOGY	DESCRIPTION	ASSAYS		
From	To	Depth	True Width	Angle to Core Axis	Angle to Core Axis	Recovery	Length			% Snt	% Sns	% Cu
352' 0"	353' 0"						1' 0"		banded Quartzite with disseminated Pyrrhotite and Chalcopyrite mineralisation.			
353' 0"	359' 3"				52°		6' 3"	Sandstone	medium grey, micaceous, with included Shale bands, and weak Pyrite, Chalcopyrite, and Pyrrhotite, mineralisation.			
359' 3"	369' 0"				38°		9' 9"	Sandstone	medium grey, micaceous with included shale bands.			
369' 0"	377' 0"						8' 0"	Sandstone	medium grey, micaceous.			
377' 0"	380' 0"						3' 0"	Sandstone	medium grey, micaceous, with included shale bands.			
380' 0"	394' 0"						14' 0"	Sandstone	medium grey, micaceous.			
394' 0"	402' 6"				40°		8' 6"	Sandstone	medium grey, micaceous with included shale bands.			
402' 6"	403' 6"						1' 0"	Sandstone	medium grey, micaceous.			
403' 6"	406' 0"				25° (approx)		2' 6"	Vein:	irregular Quartz, with minor Chalcopyrite, Pyrite, Arsenopyrite. - 6" core lost.			

W.P.S.

HOLE No.: C.37

GEOLOGICAL LOG

FOOTAGE: From 406' 0" To 440' 0"

DRILL FOOTAGE		VEIN OR OTHER INTERSECTIONS			BEDDING	FOOTAGE		LITHOLOGY	DESCRIPTION	ASSAYS		
From	To	Depth	True Width	Angle to Core Axis	Angle to Core Axis	Recovery	Length			% Snt	% Sns	% Cu
406' 0"	409' 0"						3' 0"	Shale	medium brown shale fragments (hard and silicified), and Quartz - Chalcopyrite - Pyrrhotite vein fragments. (recovered core) 2ft. Core lost.			
409' 0"	410' 0"						1' 0"	Sandstone	medium grey, micaceous, with shale bands.			
410' 0"	412' 0"		12"	45°				Vein:	Quartz with Pyrite and Chalcopyrite and Pyrrhotite.			
412' 0"	414' 6"						2' 6"	Shale	medium to light grey, banded = hard and siliceous with medium grey sandstone bands, and pseudo -breccia textures.			
414' 6"	419' 0"				50°		4' 6"	Sandstone	medium grey, micaceous, - contact @ 414' 6" makes 50° wdc.			
		415'	3/4"	42°				Vein:	Quartz - Chalcopyrite veins with minor Pyrrhotite and carbonates.			
			1/2"	15°				Vein:	as above.			
419' 0"	428' 0"						9' 0"	Sandstone	medium grey, micaceous.			
428' 0"	429' 6"				33°		1' 6"	Sandstone	as above, with included shale bands.			
429' 6"	440' 0"				53°		10' 6"	Sandstone	as above " " " "			

