



52K15NW0038 11 FREDART LAKE

# Diamond Drilling

Area of Fredart Lake

Report NO 11

Work performed by: Queensland Explorations Ltd.

Claim NO	Hole NO	Footage	Date	Note
KRL 44370	2	503.8'	Dec/59	
	4	159.9'	Mar/60	
	5	555'	Apr/60	
KRL 44372	3	504.7'	Dec/59	
KRL 44361	6	605.1'	June/60	

Notes:

Coordinates of Collar: 7200'S, 450'E

COMPANY Queensland Explorations Ltd.

Claim No.

D.D.N.# 2 Page 1

Dip - 45° Strike 348°

PROPERTY Gerry Lake, Red Lake, Ont.

KRL. 44370

December 1959

Sample No.	Dist. from ft.	Formation	Width ft.	Co	NI	Cu	Au. oz.	Ag. oz.	Pt. oz.	Remarks
	0.0	Casing	12.5							
	12.5	Andes. Schist	137.5							Schistosity cuts core at an angle of about 75° Dark green colour, sericitized, contorted, and cut by many qtz. seams & stringers. A splash of pyrrho. Bull quartz stringer
96	152.2	Massive sulphides	0.9							Diorite Dyke
97	153.1	Altered sediments	1.5							Quartz stringer
98	154.6	70% sulphides	10.6							"
99	165.6	Altered sediments	1.0							"
	166.2	Altered lava	66.7							"
	179.4									"
	203.9									"
	225.1 - 225.5		3:6							"
	232.9	granodior. Phv.	27.1							"
	260.0	Andes Schist	75.7							"

Mainly pyrrhotite, as replacement in old altered sediments, siliceous  
75% pyrrhotite, 10% pyrite and/or marcasite. bal.  
silice and sericite and chlorite.  
Banded, siliceous, 10-20% sulphides, massive sulphides as above.  
70% pyrrhotite, 20% pyrite, Traces chalcocopyrite?  
20% quartz, banded, fine-grained. (15-20%)  
Brecciated, siliceous sections.  
Mostly quartz, some sulphides.  
Greenstone schist.  
quartz stringer  
A few specks of py & pyrrho.  
Banded schist.  
granodiorite porphyry gneiss, grey color, with white feldspar phenocrysts 1/8 in. diam., very foliated near each contact, becoming more gneissic toward centre.  
AS above.

Coordinates of Collar: 7200'S, 4501'E

COMPANY Queensland Explorations Ltd.

Claims No D.D.H.# 2

Dip - 45° Strike 348°

PROPERTY Gerry Lake, Red Lake, Ont.

KRL. 44370 December 1959

Sample No	Dist. from ft.	Formation	Width Ft.	Co	Ni	Cu	Au	Ag	Pt	Remarks
1672		303.9 - 304.2 304.2 - 306.3 306.3 - 312.5	0.3 2.1 6.2	nil	nil	nil	nil	nil	nil	Quartz stringer grey colloidal-looking silica. 90% pyrrho, 10% colloidal silica 40.17% , Fe % Spectro. Analysis. about 60% pyrrho, 10% silica, 30% dior (?) 90% dior, 10% pyrrho.-magnetic pale-grey colour, siliceous, fine-grained Magnetic, containing 10% pyrrho. 180N 50% pyrrho, magnetic, splashes of py. Spectro Analysis. Black silice (pyrrho. & magnetite) magnetic. Magnetic, 10% pyrrho.
x		312.5 - 322.5 322.5 - 335.7	10.0 13.2							
x		335.7 339.1 347.3	3.4 8.2 6.0							
1671		351.9 - 352.9	1.0	nil	nil					
		353.3	11.0							

X - Sample and assay these 1671 assays interestingly.

364.3	Siliceous	4.8
369.1	Diorite	7.4
376.5	Andesite	19.6
396.1	Andes. Schist	2.4
398.5	Sediments	21.8
420.3	414.5 - 415.5	1.0
420.4	qtz. stringer	0.1
	Sediments	46.1
466.5	426.9 and 429.8	
486.2	453.9 - 462.5	
	Andesite	
	Gran. Gneiss	
503.8	End of hole.	

Light grey-green, quartz & sericite  
Magnetic, 10% pyrrho, some py.  
5% pyrrho.  
10% pyrrho.  
Altered, 5% pyrrho. in bands.  
Quartz veinlet  
Ditto  
Altered, cuts core at 75'. 25% bedded qtz, grey  
Amerald-green talc schist bands 1"-1/2" wide.  
Some green carbonate and green talc.  
Slightly schist  
(Laurentian?) Fine-grained at start, grey, becoming  
coarser-grained and pinker.  
The core is stored at the Split Rock camp at the  
SE. end of Snakehead Lake.

Logged by: - *A. Hopkinson, B.A. Sc.*

Coordinates of Collar: 8000' S. 50'E. COMPANY - Queensland Explorations Ltd. Claim No. KRL 44372 D.D.N.F. - 3

Di 45° Strike 318° PROPERTY - Gerry Lake, near Red Lake, Ont. 11 Dec. 1959

Distance from Ft. Formation Width NI Cu Co Zn Au Ag Pt. Remarks

0' Casing Andesite 494.1

87 227.0 - 228.0 2.7  
 88 232.9 - 233.6 0.6  
 89 237.7 - 243.1 0.6  
 90 245.0 - 250.0 0.2  
 200.4 - 227.0 26.6

91 250.0 - 255.3 5.3  
 257.9 - 280.0 22.1

92 270.0 - 275.0 5.0  
 280.0 - 292.5 12.5  
 292.4 - 293.5 1.1  
 311.2 - 313.5 2.3  
 325.5 - 342.0 16.5  
 333.3 - 333.6 0.3  
 402.9 - 403.2 0.3  
 428.1 - 428.2 0.1  
 432.1 - 432.4 0.3  
 437.7 - 437.85 0.1  
 456.8 - 457.2 0.4  
 477.1 - 477.2 0.1  
 487.2 - 487.3 0.1  
 502.2  
 504.7

No core. (basaltic or) occasional amygdulose. Lava schist (andesitic) dark green. chloritized, high in hornblende and biotite. cutting core at about 75° (almost at right angles). Cut by stringers and blebs of quartz and calcite.

75% quartz. no metallics.  
 bull quartz vein no metallics.  
 bull quartz vein no metallics.  
 bull quartz vein no metallics.  
 Lava much more amygdaloidal 1/8" diameter vesicles.

(Massive sulphides - 70% pyrrhotite, 20% pyrite (10% schist. possibly a replacement of Keewatin (iron formation).  
 Very magnetic, much magnetite and disseminated pyrrhotite. Note: -

In between samples are lesser amounts of sulphides. (disseminated, fine-grained) plus magnetite.

Same as sample no. 90  
 A fractured medium grained igneous rock (possibly a former diorite) highly altered and partially replaced by pyrrhotite and magnetite. A test section of the pyrrhotitized igneous rock. Fractured igneous rock, becoming finer-grained and with less and less metallics. Chlorite, sericite schist. Former banded, if partly replaced by pyrrhotites. Amygdaloidal lava as above.

Bull quartz vein  
 Bull quartz vein  
 Quartz stringers (barren looking)

ditto  
 ditto  
 ditto  
 ditto  
 Quartz stringers, some chlorite.



logged by Albert Hopkins, B.A. 5c



Coordinates of Collar: 6800'SW, 485'SE      Company QUEENSLAND EXPLORNS, LTD.      Claim No. KRL      D.D.H.# 5  
 Dip 1      Strike 150°      Property GERRY LAKE      44370      20 April 1960

Sample No.	Dist. from ft.	Formation	Width ft.	Au	Ag.	Remarks
1673	0.0	Casing	5.0			
		7.1' - 9.2'				
		66.9' - 67.6	0.7			
		89.4 - 90.1	0.7			
		95.0 - 95.4	0.4			
		99.1 - 100.7	1.6			
		116.6 - 117.2	0.6			
		125.2 - 129.0	3.8			
		133.6 - 134.6	1.0			
		140.6 - 141.4	0.8			
		147.4 - 148.5	1.1			
		149.1 - 149.7	0.6			
150.5		Blotite schist				
		166.5 - 167.2	0.7			
		201.3 - 201.4	0.1			
		202.7 - 202.9	0.2			
		207.9				
		210.9 - 211.9	0.1			
225.1		Greenstone	129.9			
		220.9 - 221.1	0.2			
		227.8 - 229.8	2.0			
		235.6 - 236.5	0.9	0.03	Tr.	
		265.3 - 275.0	9.7	0.02	Tr.	
		277.1 - 277.4	0.3			
		278.9 - 279.6	0.7			
		288.0 - 288.3	0.3			
		288.7 - 289.2	0.5			
		292.0 - 294.3	2.3			
		318.5 - 318.7	0.2			
		335.0 - 335.5	0.5			
		dacite - tuff	30.0			
		380.3 - 380.4	0.1			
385.0		Andesite	27.9			
		405.3 - 405.7	0.4			

Medium-green, fine-grained, schist in places, cut by many barren qtz., strongers an inch or less in width, e.g. at 5.0', 11.5', 19.5', 20.5', 79.3', 90.5, 95.6 & 125.1'. Foliation cuts core at 45°.  
 no core, probably ground-up schist, washed away  
 60% qtz. a few splash of chalcopy, pyrro and hemo.  
 Glassy qtz. veinlet-no sulphides.  
 Mostly Hb and Bl, with dissem. pyrro.  
 quartz vein, no sulphides, some scheelite xls?  
 Grey quartz - no sulphides.  
 Considerable Bl, in bands.  
 90% qtz., no sulphides  
 ditto  
 Brecciated, 50% barren qtz.  
 ditto

90% barren qtz.  
 Barren qtz.  
 qtz. with splash of chalco?  
 Chalcopy in slip plane at qtz. stringer  
 Barren qtz str.  
 Somewhat schist in places with bl.  
 Barren qtz str.  
 Mottled grey opaque barren qtz.  
 75% qtz. brecciated, with some pyrro & chalcopy blebs.  
 Silicified & sprase pyrro & py. mineralisation  
 Silicified  
 ditto  
 do  
 do  
 do  
 do  
 do  
 feltsite dyke.  
 grey - light green, slightly banded  
 Quartz.  
 Somewhat schist in places, as above.  
 some pyrro. replacement in schist

Company QUICKSILVER

D.D.H. # 5

Property GENNY

Sample No.	Dist. From Pt.	Formation	Width Ft.	Au	Ag.	Remarks
1676	411.9	lost core	1.0			no core
	412.9	Silicified	12.3			Possibly rhyolitic trap dyke
		414.3 - 415.4	1.1			pyrrhotized as well as silicified pyrrho.
		419.6 - 420.9	1.3			Bl andesite "greenstone" schist
		424.8 - 424.9	0.1	Tr.	Tr.	Silicified rhyolite-white Greenstone schist
		Schist	11.9			Silicified or rhyolitic a few narrow bands of pyrrho.
		Siliceous				Siliceous
		Bl Schist	2.0			Remnants of amygdaloidal andesite
		463.0 - 465.0				Silicified
		486.0 - 487.5				Silicified and pyrrhotized. Very altered acid dyke lost core.
549.9		489.6 - 490.0				
		496.1 - 499.9				
		499.9 - 501.0				
		502.0 - 503.0				
		521.9 - 523.4				
555.0		538.8 - 539.8				
		Andesite				
		551.4 - 551.6				barren quartz
		552.7 - 552.8				ditto
	553.9 - 554.0				ditto	
	End of hole.					

*Albert Hopkins, B.A.Sc.*

Company QUEENSLAND

D.D.H. # 5

Property GRARY

Sample No.	Dist. from Pt.	Formation	Width ft.	Au	Ag.	Remarks
1676	411.9 412.9	lost core Sillified	1.0 12.3			no core Possibly rhyolitic trap dyke
	414.3 - 415.4		1.1			pyrrhotized as well as sillified
	419.6 - 420.9		1.3			pyrrho.
	424.8 - 424.9		0.1			BI andesite "greenstone" schist
	425.2	Schist	11.9	Tr.	Tr.	Sillified rhyolite-white Greenstone schist
	437.1	Sillaceous				Sillified or rhyolitic
	453.0	BI Schist	2.0			a few narrow bands of pyrrho. Sillaceous Remnants of amygdaloidal andesite Sillified
	463.0 - 465.0					Sillified and pyrrhotized.
	486.0 - 487.5					Very altered acid dyke
	489.6 - 490.0					lost core.
	496.1 - 499.9					
	499.9 - 501.0					
	502.0 - 503.0					
	521.9 - 523.4					
	538.8 - 539.8					
549.9	Andesite					
	551.4 - 551.6					barren quartz
	552.7 - 552.8					ditto
	553.9 - 554.0					ditto
555.0	End of hole.					

*Albert Hopkins, B.A.Sc.*



COMPANY Queensland Explorations Ltd.

D.D.H.# 6

PROPERTY Gerry Lake

Dist. from ft.	Formation	Width ft.	Remarks
605.1	End of hole	2.1	
603.0 - 605.1		2.1	
583.9 - 584.1		0.2	
580.4 - 583.9		3.5	
579.7 - 584.4		0.7	
576.9 - 579.7		2.8	
551.1 - 551.9		0.8	
543.1 - 543.2		0.1	

Qtz. str. with some f.g. chpy. specks  
 Glassy Qtz.  
 Bl. carb. schlst.  
 F.G. grey phy. as above.  
 Bl. carb. sch.  
 phy. as above  
 Gneissic granodior.

Note: This hole was designed to cross-section a weak S.P. anomaly near the north edge of the lava-sedimentary belt crossing the Queensland property, for two reasons. First, the south-central strong S.P. anomalies were found by drilling holes 1-5 to be caused by pyrrhotized I. P. with little or no economic mineral content. Secondly, the SPLIT ROCK MINES drilling to the east cut their best copper values in this north contact zone. However, as seen in this log, there was no material approaching ore values worth sampling for assay. The drill core is stored by the collar of the hole

Logged by Albert Hopkins, B.A.Sc.



Sample No.	Dist. from ft.	Formation	Width ft.	Remarks
	0.0	Casing	10.0	
	10.0	Porphyry	1.5	
	11.5	Granodiorite	83.6	f.g., grey, sil, altered, with white fels, phono. s.g., grey, slightly gneissic, with qtz. and white feldspar xls. and Bl., like salt and peter, contains occasional sections of perhaps 1/2 fig. disse. chalcopy., py., and pyrroho.
	15.0 - 36.0	15.9 - 37.9	0.9 - 1.9	Phy. as above f.g. Andesite inclusions, grey-green colour, contains perhaps 1/2 very f.g. disse. chpy. phy. as above.
	42.8 - 46.2	46.2 - 52.2	3.4 - 6.0	Andes. as above.
	52.2 - 61.9	61.9 - 90.2	9.3 - 0.1	Migmatite contact zone, with much Bl. schist. Glassy qtz. stringer with a few blebs of chpy. in the walls
	90.1 - 90.2	90.2	0.1	
	118.7 - 119.3	125.3 - 119.7	6.6 - 0.4	Bl. schist cut by glassy qtz. veins qtz., glassy
	119.3 - 121.1	119.7 - 121.7	0.4 - 0.6	" "
	121.1 - 122.0	121.7 - 122.6	0.6 - 0.6	" "
	122.0 - 123.1	122.6 - 123.5	0.6 - 0.4	" "
	123.1 - 124.2	123.5 - 124.3	0.4 - 0.1	" "
	124.2 - 127.9	124.3 - 142.0	0.1 - 14.1	" "
	127.9 - 165.9	142.0 - 166.9	14.1 - 1.0	
	165.9 - 171.1	166.9 - 175.6	1.0 - 4.5	
	171.1 - 174.0	175.6 - 174.0	4.5 - 2.7	
	174.0 - 180.5	174.0 - 183.2	2.7 - 1.3	Very gneissic granodior, including some Bl. schist. Ditto.
	180.5 - 184.2	183.2 - 185.5	1.3 - 1.4	Phy. as above, including some greenitized phy. Bl. schist from 172.9 - 174.1.
	184.2 - 219.9	185.5 - 221.3	1.4 - 0.2	A few streaks of chpy.
	219.9 - 238.3	221.3 - 238.5	0.2 - 0.05	A few blebs of chpy., py., and pyrroho.
	238.3 - 259.3	238.5 - 264.8	0.05 - 5.5	Gneissic
	259.3 - 302.5	264.8 - 304.8	5.5 - 2.3	Gneissic, with a few blebs of chpy., py., and pyrroho.
	302.5 - 310.3	304.8 - 313.8	2.3 - 3.5	Gneissic
	310.3 - 321.5	313.8 - 322.2	3.5 - 0.7	Sil. some, barren-looking. ditto Gneissic
	321.5 - 330.6	322.2 - 330.9	0.7 - 0.3	Ditto
	330.6 - 337.0	330.9 - 337.0	0.3 - 6.1	Slightly epidotized, pale creamy greenish-yellow. Glassy qtz, with chpy. streaks in each wall.
	337.0 - 380.3	337.0 - 381.5	6.1 - 1.2	Gneissic
	380.3 - 382.9	381.5 - 382.9	1.2 - 1.4	Andesite-Bl. schist, f.g., with occas. f.g. chpy. blebs.
	382.9 - 422.9	382.9 - 424.9	1.4 - 0.3	Glassy qtz. str. some with Bl. and a few specks of chpy. Bl. schist.
	422.9 - 436.9	424.9 - 438.7	0.3 - 1.8	Bl. schist. qtz. str. some. Gneissic
	436.9 - 447.5	438.7 - 466.5	1.8 - 19.0	Andes. Bl. schist. cutting core obliquely @ 30°.
	447.5 - 462.4	466.5 - 462.9	19.0 - 0.5	A speck of chpy. on contact.
	462.4 - 456.9	462.9 - 461.0	0.5 - 4.1	Gneissic but with no Bl. schist. Altered and carbonatized.
	456.9 - 483.6	461.0 - 485.0	4.1 - 1.4	Bl. schist.
	483.6 - 487.0	485.0 - 488.5	1.4 - 1.5	Bloody shattered carbonatized zone.
	487.0 - 490.0	488.5 - 492.0	1.5 - 2.0	Ground up - no core
	490.0 - 496.1	492.0 - 510.0	2.0 - 8.2	" " " "
	496.1 - 501.2	510.0 - 514.0	8.2 - 42.1	Salmon-coloured 1/2 in wide felsite dykelet. Carbonate schist.
	501.2 - 514.0	514.0 - 519.0	42.1 - 0.1	Bl. sch. with carba. Glassy qtz.
	514.0 - 518.9	519.0	0.1	





52K15NW0038 11 FREDART LAKE

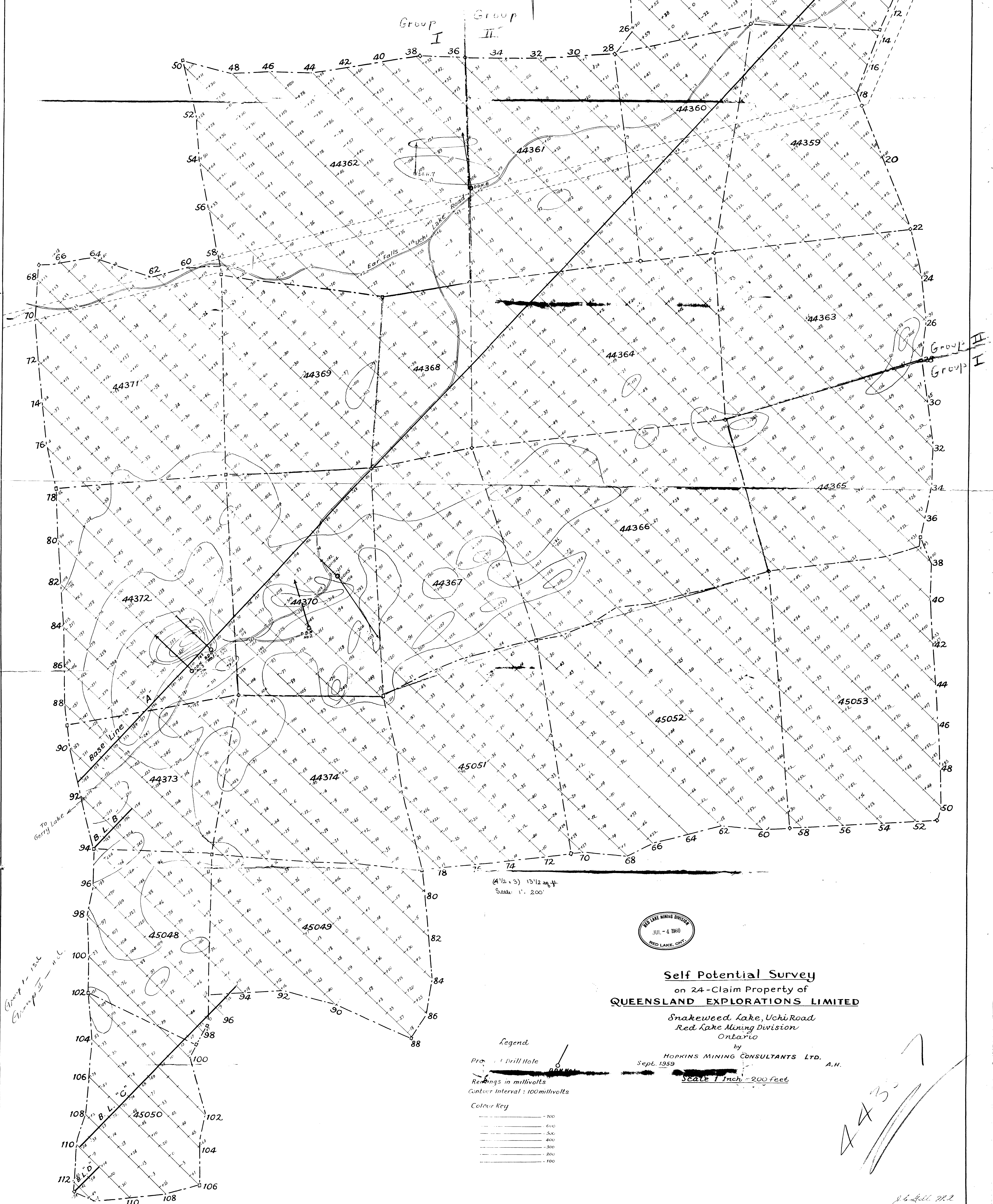
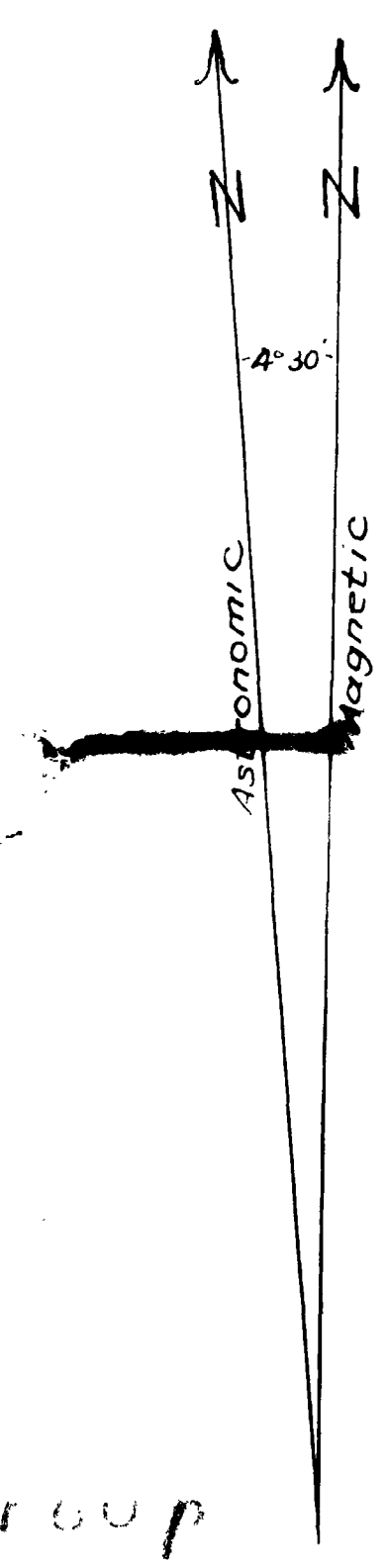
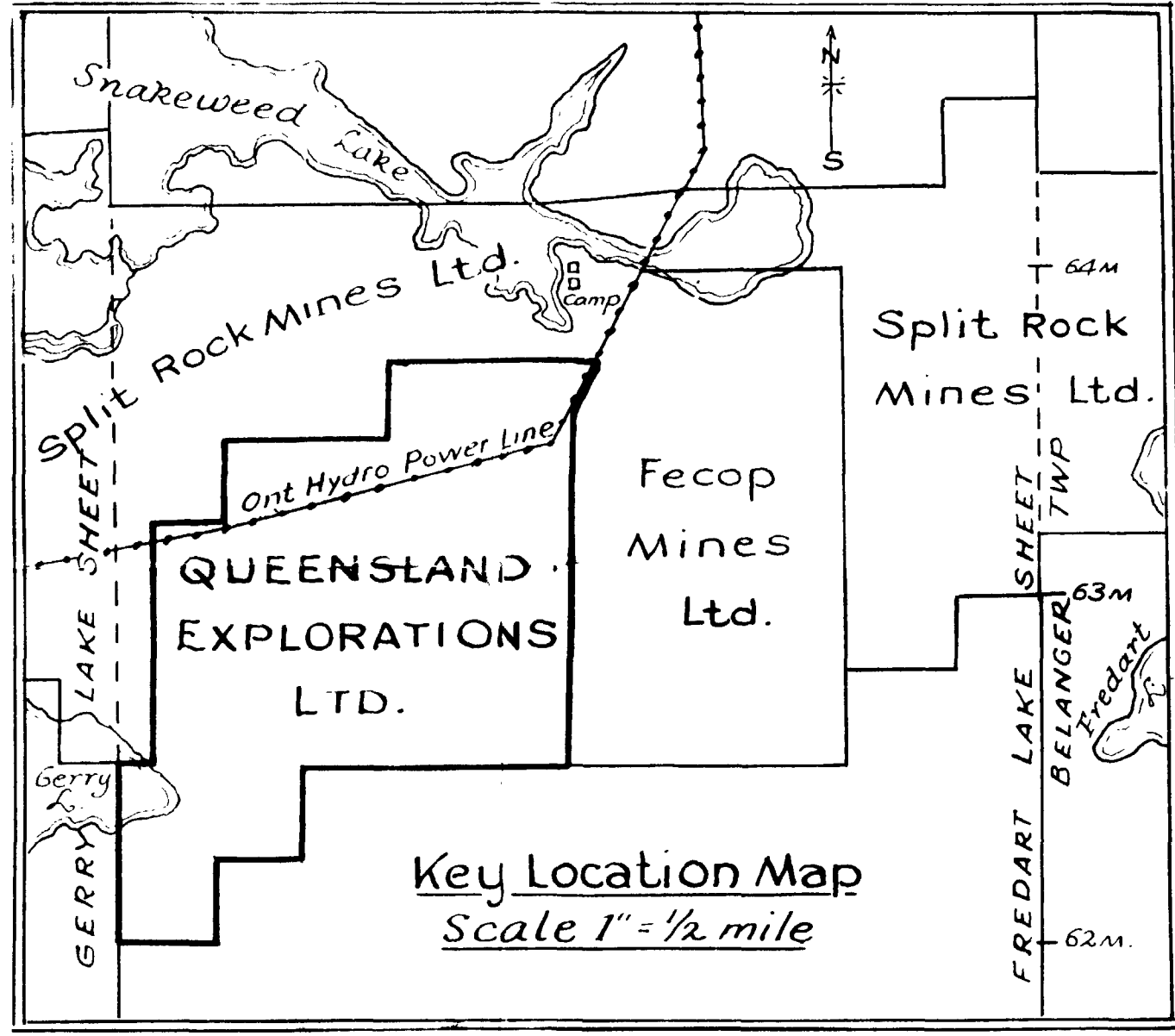
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NOTICE FOR FILE: # //

Autopositive map enclosed



44357



(4 1/2 x 3) 13 1/2 sq ft  
Scale: 1" = 200'



**Self Potential Survey**  
on 24-Claim Property of  
**QUEENSLAND EXPLORATIONS LIMITED**

Snakewood Lake, Uchi Road  
Red Lake Mining Division  
Ontario

by  
**HOPKINS MINING CONSULTANTS LTD.**  
Sept. 1959 A.H.

Scale 1 inch = 200 feet

- Legend**
- Drill Hole
  - Readings in millivolts
  - Contour Interval: 100 millivolts
- Colour Key**
- 700
  - 600
  - 500
  - 400
  - 300
  - 200
  - 100

44357

J. G. Hill, P.E.  
April 12, 1960

