

52J025W0006 39 FOURBAY LAKE

010

DIAMOND DRILLING

AREA: FOURBAY LAKE

REPORT NO: 39

WORK PERFORMED FOR: Steep Rock Resources Inc.

RECORDED HOLDER: Same as above [xx]
: Other []

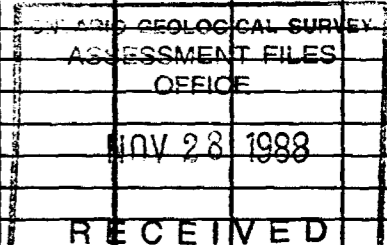
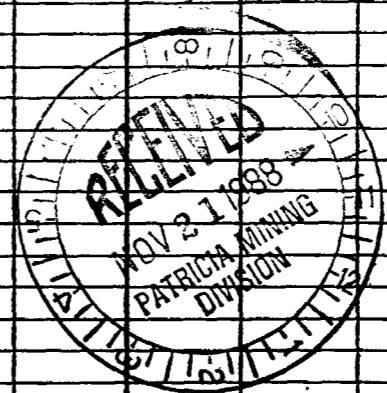
<u>Claim No.</u>	<u>Hole No.</u>	<u>Footage</u>	<u>Date</u>	<u>Note</u>
487260	KB-17-87	93.8m	Sept/87	(1)

NOTES: (1) #W8803.272, filed in Feb/89



Drilling Company Trans Arctic Exploration		Collar Elevation	Bearing of hole from true North due east	Total Footage 93.8 m.	Dip of Hole at Collar 45°	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No. 487260	
Date Hole Started September 23, 1987	Date Completed September 25, 1987	Date Logged Oct./87	Logged by R.A. Bernatchez, P.Eng.	91.4 Ft	41°		Location (Twp., Lot, Con. or Lat. and Long.) L 27+55E, 2+94N of BL 3+00N		
Exploration Co., Owner or Optionee ALMADEN RESOURCES CORPORATION		Date Submitted Nov. 16/88	Submitted by (Signature) R.A. Bernatchez, P.Eng.	Ft.	Ft.		King Bay Area, Sturgeon Lake NW Qrt Property Name King Bay - Copper Lake Zone		

Footage m.		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle*	Core Specimen Footage †	Your Sample No.	Sample Footage		Sample Length	Assays †	
From	To						From	To			
0	7.0	hornblende gabbro	med-coarse grain. equigranular								
7.0	8.7	felsic dyke	or fine-grain. feldspar porphyry /c no distinct phenocrysts. grey grain texture varies from 0.05 to 0.2mm. Also mineralized /c 1-2% sulphides of po, cp throughout								
8.7	9.4	hornblende gabbro diorite	equigranular coarse-grain. grn and lgt grn								
9.4	10.4	hornblende gabbro diorite	silicified. pyritized - mineralized /c stringers and disseminations of 5-10% sulphides of po, cp								
10.4	11.4	hornblende gabbro diorite	coarse-grain. equigran. hard (silicification) sl chloritic along fractures; hornblende grains vary from 1-4mm diam. and makes up about 40-50% of rock								
11.4	13.4	hornblende gabbro diorite	sheared, carbonatized, chloritized. Contains 15% blue qtz-calc. veinlets varying from 1/4" to 1" thick (total of 5 veins were noted minor diss. sulphides of po, cp								
13.4	25.4	hornblende gabbro diorite	coarse-grained fresh looking unaltered								
25.4	26.4	feldspar quartz porphyry	med-grain. feld. in fine-grain. matrix, grey-brn. Contains 20-30% feld. xtls and 5% qtz eyes. Porphyry mineralized /c diss. grains of po, cp 1-2% by volume. Porphyry appears silicified and hard								
26.4	26.8	hornblende gabbro diorite	sheared, chloritized, carbonatized and silicified; shearing and alteration changes gabbro to a fine-grain. grn altered rock from its original coarse-grain. texture. Section contains about 10-15% sugary calcite - grey qtz vein up to 1/4" thick. Veins contain little to no sulphides								



* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulations.



**Diamond
Drilling
Log**

Fill in on
every page

Hole No.
KB-17-87

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Drilling Company		Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at Collar	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.	
Date Hole Started	Date Completed	Date Logged	Logged by		FL		Location (Twp., Lot, Con. or Lat. and Long.)		
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)		FL				
					FL		Property Name		

Metric		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Metric		Sample Length	Assays †	
From	To						From	To			
26.8	66.4	hornblende gabbro diorite	massive equigranular unaltered coarse-grained								
66.4	67.1	hornblende gabbro diorite	progressively altered chlorite schist at 67.1. Section contains 5% white calcite-quartz veining								
67.1	68.1	chert dyke	fine-grain, very hard, beige to salmon pink to grey-blue patches. Colours blend into each other. Narrow secondary 1-2mm white to clear qtz veinlets scattered throughout /c minor cp. May also contain trace of and grains of molybdenite. <1% total sulphides								
68.1	71.7	mafic dyke	drk grn to grn, fine-grain, minor calc. along fractures /c sulphide of po, cp <1% total sulphides								
71.7	73.1	cherty dyke	fine-grain, very hard, salmon pink to beige to grey-blue patches. Blue-grey colours appear as fragments /c gradational contacts. Secondary fracturing contains lgt to drk grn chlorite as streaks and patches. Grn streaks appear to be silicified fractures and have slicken sides and are wavy contacts. Contact /c gabbro-diorite at 73.1 is 30°.								
73.1	73.2	hornblende gabbro diorite	foliated, chloritic talcose and silicified - foliation almost parallel to core axis (may be fragment within chert dyke. Gabbro-diorite mineralized with about 2-3% sulphides of po, cp. Contact at 73.4 also slickensided and wavy (or foliated) and at 60° to core and 30-40° at 73.1 m.								
73.2	73.4	cherty dyke	fine-grain., hard, brittle, salmon pink, grey and green, foliated chloritic talcose and probably silicified. Some concentrated small patches of po, cp. Rock also contains secondary 1.2mm micro qtz veining /c minor po, cp								



Drilling Log

Fill in on every page

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Claim No.

Drilling Company		Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at Collar	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.	
Date Hole Started	Date Completed	Date Logged	Logged by		FL		Location (Twp., Lot, Con. or Lat. and Long.)		
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)		FL				
					FL			Property Name	

Footage		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Placer Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage		Sample Length	Assays †		
From	To						From	To				
73.4	74.1	hornblende gabbro diorite	altered, sheared, chloritized, carbonatized, sl. talcose; also contains calcite-qtz veining									
74.1	74.4	hornblende gabbro diorite	highly silicified to a blue-grey qtz. VISIBLE GOLD was observed (total of 7 grams). Rock is also mineralized /c po, cp, py. Fuchsite patches were also noted in the core									
74.4	75.4	hornblende gabbro diorite	highly sheared and altered, some chlorite-talcose schist; carbonatized foliation 35% to core axis									
75.4	75.6	quartz vein	grey-blue-white, foliated, fuchsite and micro secondary qtz vein no visible gold noted									
75.6	75.9	cherty dyke	highly silicified, hard /c secondary micro qtz veining, fuchsite, minor py, po <1%									
75.9	76.2	quartz vein	white /c VISIBLE GOLD and fuchsite, minor py, po <1%									
76.2	76.5	hornblende gabbro diorite	sheared, silicified to a grey - silicious blue-gray qtz /c VISIBLE GOLD									
76.5	77.0	hornblende gabbro diorite	sheared, grn chloritic-talcose; silicified, foliated, carbonatized. Secondary fracturing filled /c calcite-qtz and fuchsite									
77.0	77.3	quartz vein	blue-blk /c VISIBLE GOLD minor sulphides <1% po, mo									
77.3	82.3	hornblende gabbro	mass. coarse-grain. equigranular (6" ground core)									
82.3	82.7	hornblende gabbro	grn-brn, silicified, fractured, veined, /c sulphide seams (po, cp)									
82.7	84.5	cherty dyke	beige and blue-grey, some narrow qtz veining									

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulations.



Drilling Company		Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at Collar	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
Date Hole Started	Date Completed	Date Logged	Logged by		FL		Location (Twp., Lot, Con. or Lat. and Long.)	Property Name
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)		FL			
					FL			

Footage		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage		Sample Length	Assays †		
From	To						From	To				
84.5	89.0	hornblende gabbro	lgt grn /c drk grn hornblende grains, massive, equigranular, coarse-grain, fractures filled with calcite and quartz									
89.0	89.6	feldspar quartz porphyry										
89.6	92.4	hornblende gabbro	coarse-grain., equigranular, some sheared sections giving darker grn finer grained texture from 91.9 to 93.4 (this section veined with quartz and calcite) sulphides of po, cp disseminated in rock and in veinlets									
92.4	93.8	hornblende gabbro	massive, equigranular and green									

783 (82/1) * For features such as foliation, bedding, schistosity, measured from the long axis of the core. † Additional credit available. See Assessment Work Regulations.

KB - 17 - 87

99552	27.0 - 28.8		1.8	0.001
99553	31.0 - 34.0		3.0	0.006
99554	37.4 - 40.5		3.1	0.001
99555	40.5 - 42.8		2.3	0.001
99556	83.4 - 86.7		3.3	0.001
99557	86.7 - 88.0		1.3	0.001
99558	219.0 - 220.1		1.1	0.007
99559	220.1 - 223.3		3.2	0.003
99560	235.3 - 237.5		2.2	0.001
99561	237.5 - 239.8		2.3	0.002
99562	239.8 - 240.3		0.5	0.001
99563	240.3 - 240.8		0.5	0.005
99564	240.8 - 243.0		2.2	0.004
99565	243.0 - 244.0	74 - 74.37	1.0	V.G. 0.359
99566	244.0 - 245.5		1.5	0.058
99567	245.5 - 247.4		1.9	0.163
99568	247.4 - 247.9		0.5	0.002
99569	247.9 - 249.0		1.1	V.G. 0.044
99570	249.0 - 249.9		0.9	0.090

Sample No.	Sampled Section (feet)	Sample Interval (feet)	Assay Au oz/ton
KB - 17 - 87 (cont.)			
99571	249.9 - 251.0	1.1	0.201
99572	251.0 - 252.5	1.5	0.033
99573	252.5 - 253.5	1.0	V.G.0.516
99574	253.5 - 255.3	1.8	0.131
99575	255.3 - 256.4	1.1	V.G.0.389
99576	59.1 - 61.7	2.6	nil
99577	61.7 - 64.2	2.5	nil
99578	66.7 - 67.6	0.9	0.001
99579	67.6 - 71.7	4.1	nil
99580	95.2 - 97.5	2.3	nil
99581	97.5 - 99.0	1.5	nil
99582	99.0 - 101.3	2.3	nil
99583	101.3 - 102.7	1.4	nil
99584	102.7 - 106.1	3.4	nil
99585	122.9 - 125.5	2.6	nil
99586	125.5 - 128.7	3.2	nil
99587	128.7 - 130.6	1.9	nil
99588	130.6 - 133.6	3.0	nil
99589	133.6 - 136.7	3.1	nil
99590	136.7 - 139.6	2.9	nil
99591	139.6 - 142.6	3.0	nil
99592	142.6 - 145.6	3.0	nil
99593	145.6 - 149.0	2.4	nil
99594	270.0 - 271.2	1.2	0.003
99595	271.2 - 272.1	0.9	nil
99596	272.1 - 273.5	1.4	0.002
99597	273.5 - 276.3	2.8	0.005
99598	276.3 - 278.0	1.7	nil
99599	291.7 - 294.0	2.3	nil
99600	301.4 - 306.0	4.6	0.002

Location Map Of
DDH-KB-17-87
Armstrong-Best Property
King Bay Area of
Sturgeon Lake, Ontario.
November 14, 1988.
By R.A. Bernatchez, P. Eng.

Pa 612085

Pa 612084

Coord. 27+55E
2+94N of
B.L. 3+00N

Copper Lake Zone

KB-17-87
Dip - 45°
Depth 93.8m (308')

Pa 487259

Pa. 487260

Copper
Lake

BG 129 (P)

B.L. 3+00N

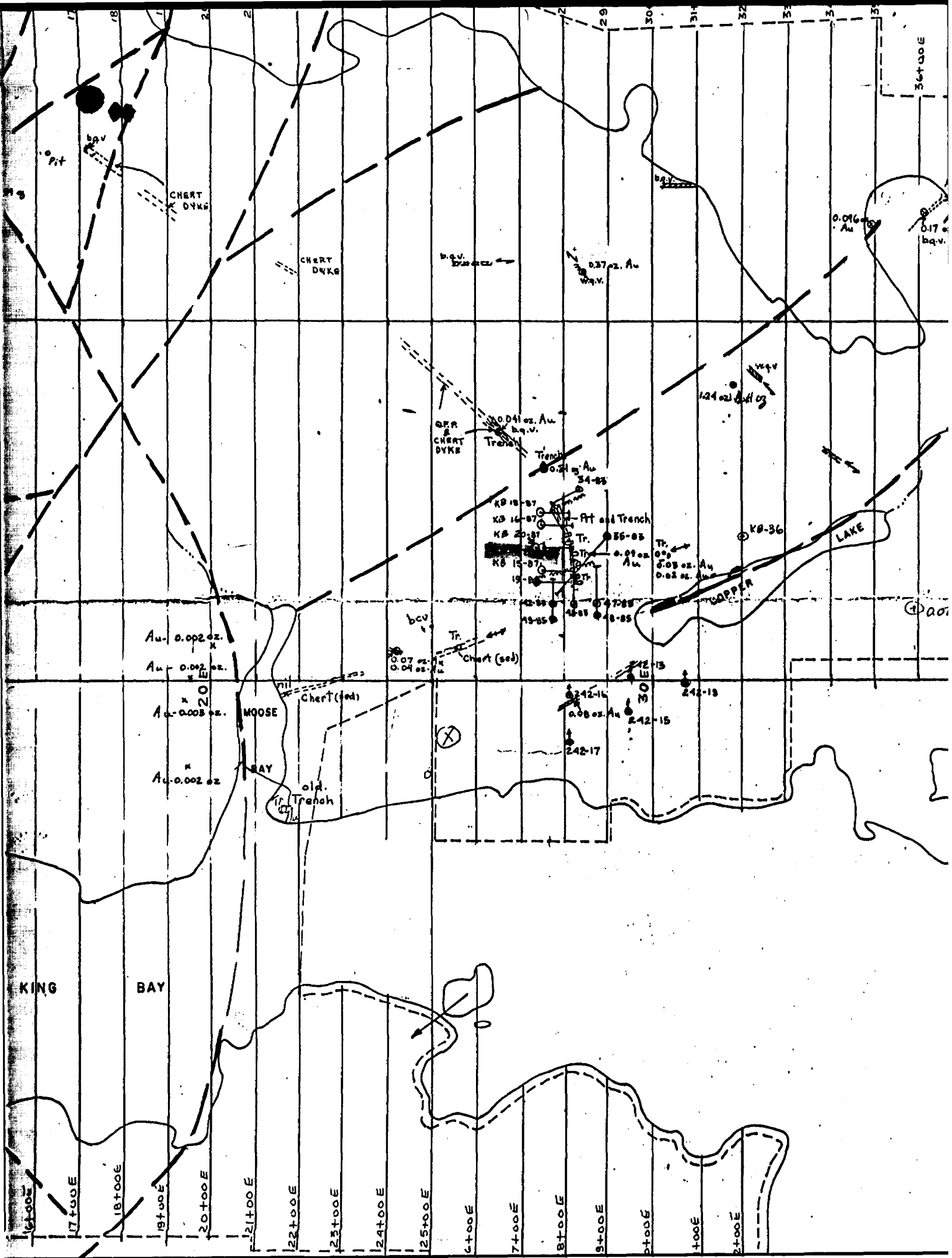
BG 128 (P)

L27+00E

L28+00E

L29+00E

L30+00E



CHERT DYKE

CHERT DYKE

b.c.v.

0.37 oz. Au
b.c.v.

0.096 oz. Au

0.17 g.p.v.

0.041 oz. Au
b.c.v.

Trench

0.21 g.p.v. Au
34-85

KB 18-87

KB 16-87

KB 20-87

KB 15-87

19-88

Tr. and Trench

35-85

0.08 oz. Au

Tr.

0.08 oz. Au

0.02 oz. Au

124 oz. b.c.v.

KB-36

LAKE

COPPER

0.001

Au-0.002 oz.

Au-0.002 oz.

Au-0.003 oz.

Au-0.002 oz.

MOOSE

BAY

Chert (sed)

old. Trench

b.c.v.

0.07 oz. Au
0.04 oz. Au

Chert (sed)

242-16
0.08 oz. Au

242-15

242-17

242-18

KING

BAY

16+00E

17+00E

18+00E

19+00E

20+00E

21+00E

22+00E

23+00E

24+00E

25+00E

6+00E

7+00E

8+00E

9+00E

0+00E

1+00E

2+00E

36+00E



Assess LAB

Name and Postal Address of Recorded Holder
Steep Rock Resources Inc., North York Square

45 Sheppard Avenue East, Suite #302, North York, Ontario M2N 5W9

Summary of Work Performance and Distribution of Credits
FOURBAY LAKE G-2543

	Mining Claim			Mining Claim			Mining Claim		
	Prefix	Number	Work Days Cr.	Prefix	Number	Work Days Cr.	Prefix	Number	Work Days Cr.
Total Work Days Cr. claimed	308 308								
For Performance of the following work. (Check one only) <input type="checkbox"/> Manual Work <input type="checkbox"/> Shaft Sinking Drifting or other Lateral Work. <input type="checkbox"/> Compressed Air, other Power driven or mechanical equip. <input type="checkbox"/> Power Stripping <input checked="" type="checkbox"/> Diamond or other Core drilling <input type="checkbox"/> Land Survey	Pa	487262	20	Pa	569990	20			
		487263	20		569991	20			
		487264	20		569992	20			
		487265	20		569993	20			
		487266	20		569994	20			
		569987	40		569995	20			
		569988	20						
	569989	20							

All the work was performed on Mining Claim(s): Pa ~~487660~~ **487260**

ONTARIO GEOLOGICAL SURVEY
 ASSESSMENT FILES
 OFFICE

Required Information eg: type of equipment, Names, Addresses, etc. (See Table Below)

DDH KB-17-87, Dip - 45°, Depth - 93.8 metres (308 feet)

Claim Location No. Pa 487660, Fourbay Lake Sheet

King Bay Area, Sturgeon Lake, Patricia Mining Division

Grid Location L27+55E, 2+94N

Drilled by Trans Arctic Exploration for Almaden Resources Corporation

Drilled from September 23 to 25, 1987

Logged by R.A. Bernatchez, P.Eng.

NOV 28 1988

RECEIVED

W8803-272 ALLOWED - 308 DAYS
 USING - 300 DAYS
 BALANCE IN RESERVE - 8 DAYS

R. A. Bernatchez
 (ACTING)

RECORDED



Date of Report: Nov. 14, 1988
 Recorded Holder's Agent (Signature): *R.A. Bernatchez*, P.Eng.

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying

Raymond A. Bernatchez, P.Eng., P.O. Box 1376, 126 Willow Road,

Atikokan, Ontario POT 1C0

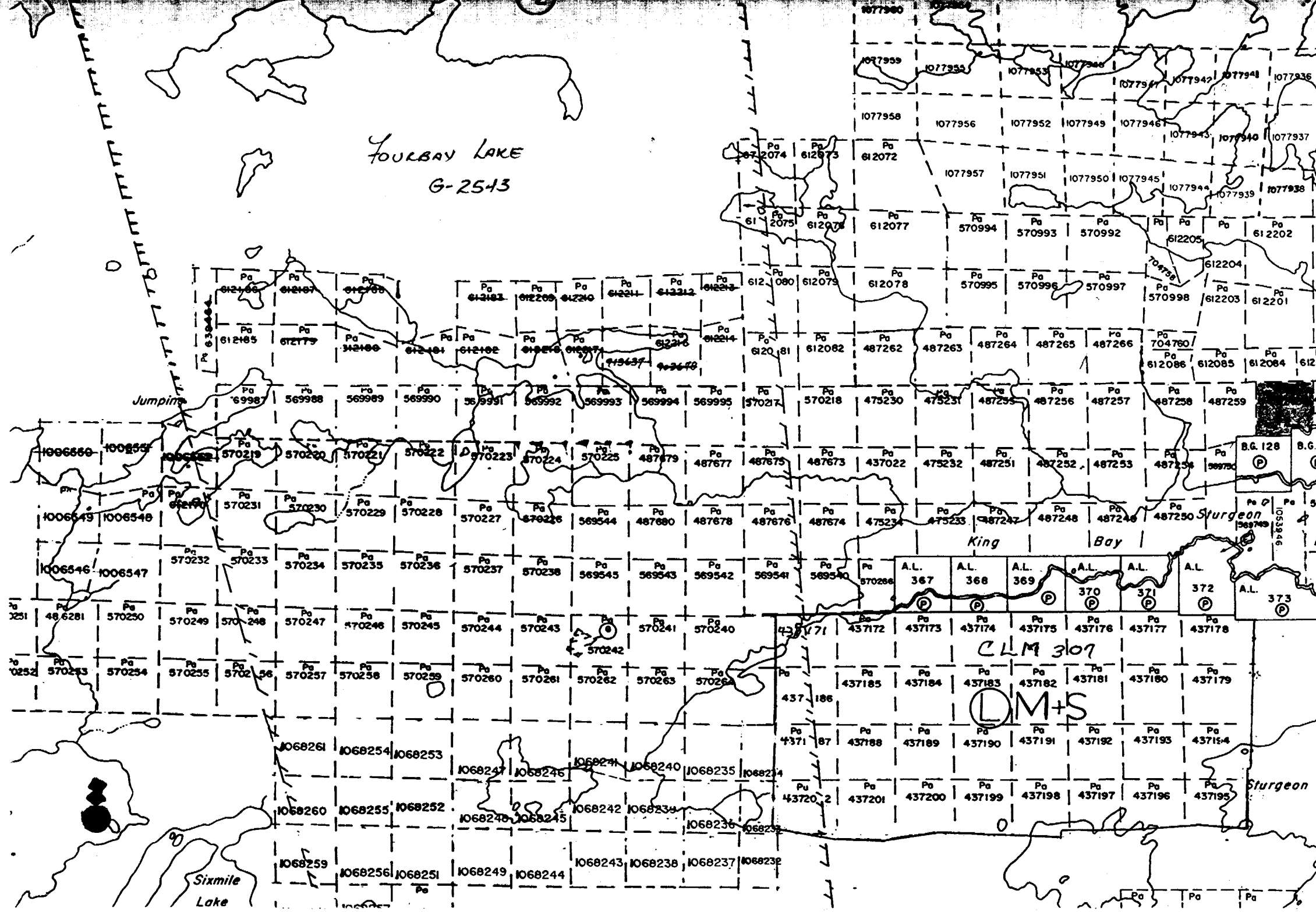
Date Certified: Nov. 14, 1988

Certified by (Signature): *R.A. Bernatchez*, P.Eng.

Table of Information/Attachments Required by the Mining Recorder

Type of Work	Specific Information per type	Other Information (Common to 2 or more types)	Attachments
Manual Work	Nil	Names and addresses of men who performed manual work/operated equipment, together with dates and hours of employment.	Work Sketch: these are required to show the location and extent of work in relation to the nearest claim post.
Shaft Sinking, Drifting or other Lateral Work			
Compressed air, other power driven or mechanical equip.	Type of equipment	Names and addresses of owner or operator together with dates when drilling/stripping done.	
Power Stripping	Type of equipment and amount expended. Note: Proof of actual cost must be submitted within 30 days of recording.		
Diamond or other core drilling	Signed core log showing; footage, diameter of core, number and angles of holes.	Nil	Work Sketch (as above) in duplicate
Land Survey	Name and address of Ontario land surveyer.		Nil

FOURBAY LAKE
G-2543



Jumpin

King Bay

Sixmile Lake

CLM 3107

D.M.+S.

B.G. 128

B.G. 1

Sturgeon

3251

3252

56

56

56

56

56

56

56

56

56

56

56

R.A. BERNATCHEZ, P.ENG.
CONSULTING GEOLOGIST

BOX 116, 126 WILLOW ROAD
ATIKOKAN, ONTARIO, CANADA, P0T 1C0

TELEPHONE
(807) 597-4526

November 14, 1988

Mrs. Doris H. Cosco,
Acting Mining Recorder,
Mines and Minerals Division,
P.O. Box 3000,
Sioux Lookout, Ontario
POV 2T0

Dear Madam:

Subject: Mining Claims Pa 487262 - 266 inclusive; Pa 569987 - 995
inclusive. Area of Fourbay Lake G-2543,
Patricia Mining Division.

I have enclosed the diamond drilling log sheets of Hole KB-17-87 drilled to a depth of 93.8 metres (308 feet) on claim 487260, drilled by Trans Arctic Exploration Services for Almaden Resources Corp. This drill hole will provide the required assessment work deficiency on the above-numbered claims. The distribution of the credit days are as shown on the enclosed report of work form #768 (85/12). The excess 8 days credit will not be applied on any claims at this time.

Enclosed are signed core log sheets, assayed sections and work sketch of the hole location.

Thank you for your assistance and cooperation in correcting this work deficiency.

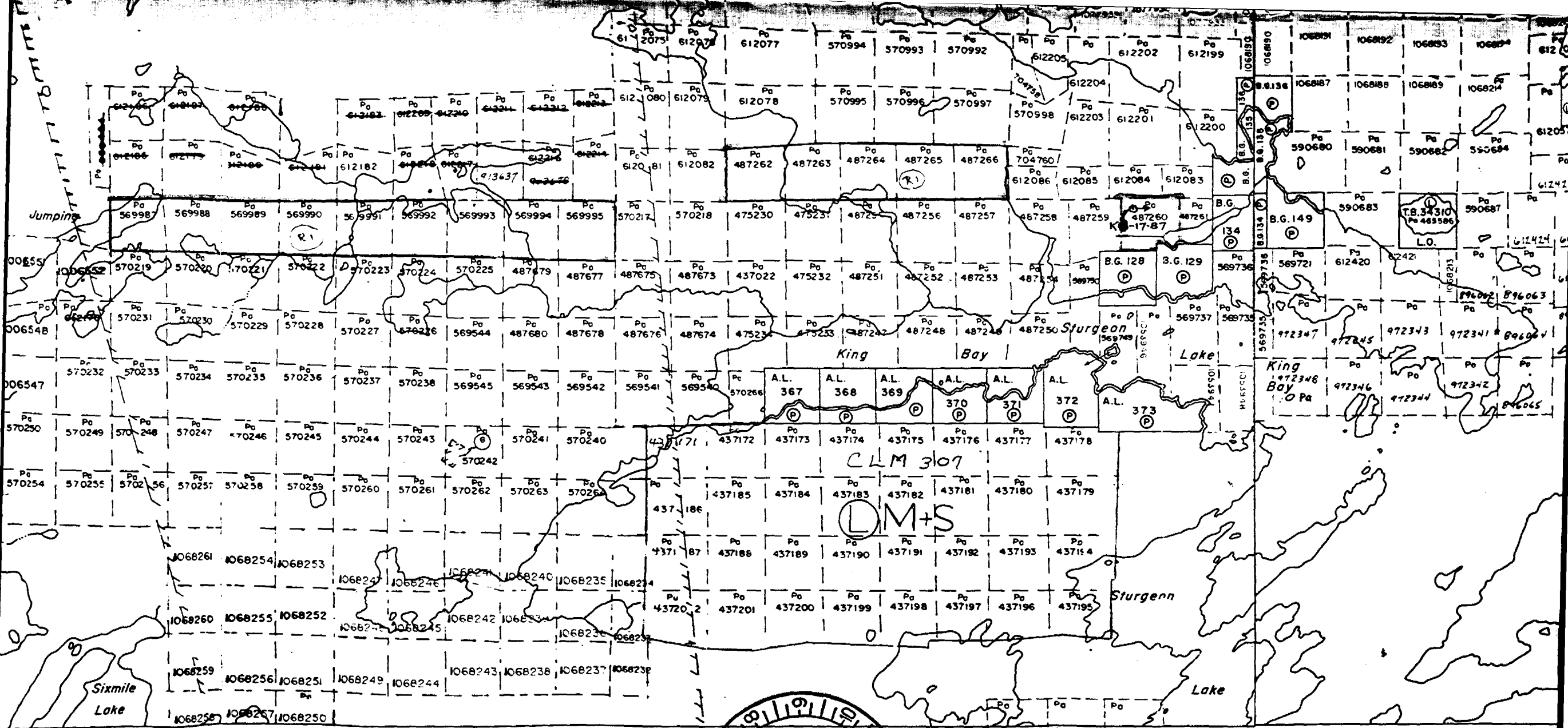
Cordially,

Raymond A. Bernatchez P.Eng.

Raymond A. Bernatchez, P.Eng.

cc George Armstrong
Steep Rock Resources Inc.
Alan Best





52' 51' 50' 49' 47' 46' 90°45' 44'

Area G-2561

