

52J02SW0041 52J02SW0018C1 FOURBAY LAKE

010

Diamond Drilling

Area Fourbay Lake

Report N<sup>o</sup> 29

Work performed by: Steep Rock Resources Inc.

Claim N <sup>o</sup>	Hole N <sup>o</sup>	Footage	Date	Note
PA 487260	KB-34-83	328	Dec/83	(1)
<i>TOTAL</i>	<i>1 DH</i>	<i>328 FT</i>		

Notes: (1) #82-84



Ministry of  
Natural  
Resources

Ontario

**Diamond  
Drilling  
Log**

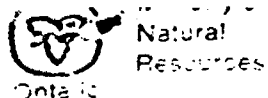
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TO FOLLOW**

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Hole No. KB-34-83 Page No. 1 of 2

Drilling Company <b>Kenora Diamond Drilling Limited</b>		Collar Elevation <b>Surface</b>	Bearing of hole from true North <b>Az 240°</b>	Total <del>963.00m</del> <b>100.0m</b>	Dip of Hole at Collar <b>45°</b>	Location of hole in relation to a fixed point on the claim.	Map Reference No. <b>M-2879</b>	Claim No. <b>PA 487260</b>
Date Hole Started <b>Dec 9, 1983</b>	Date Completed <b>Dec 14, 1983</b>	Date Logged <b>Dec 30/83</b>	Logged by <b>R.A. Bernatchez</b>		30.48 m 44.5		Location (Twp., Lot, Con. or Lat. and Long.) <b>Fourbay Lake Area NTS 52-J-2 Line 7+25N, 28+37E, 7+28N Lat 50°02' Long 90°45.6'</b>	Property Name <b>King Bay Property</b>
Exploration Co., Owner or Optionee <b>Steep Rock Resources Inc</b>		Date Submitted <b>May 28/84</b>	Submitted by (Signature)		60.96 m 43.0			
					100.0 m 41.5			

Footage		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage		Sample Length	Au ppb	Assays †
From	To						From	To			
0	2.7	Casing				70064	8.2	10.1	1.9	nil	
2.7	8.2	Mafic volcanic	green grey, fine - med grain, massive, qtz-calcite seams various angles to core axis, minor sericite-chlorite alteration, fine diss grains of po, py 1%, very blocky ground			65	10.1	11.6	1.5	nil	
						66	11.6	13.1	1.5	nil	
						67	13.1	16.2	3.1	nil	
						68	16.2	19.2	3.0	nil	
						69	19.2	22.3	3.1	nil	
						70	22.3	25.3	3.0	nil	
8.2	10.1	int tuff	lt green, beige, fine grain, banded, very blocky, stretched fragment filled with calcite, containing weak sulphide mineralization, foliation of fragments abundant at irregular angles to core, blocky and ground core from 7.9-8.2m at contact and at 91.1 to 9.8 metres			71	25.3	28.3	3.0	nil	
						72	28.3	31.4	3.1	nil	
						73	31.4	34.4	3.0	nil	
						74	34.4	36.0	1.6	nil/20	
						75	36.0	37.5	1.5	nil	
						76	37.5	40.5	3.0	nil	
10.1	47.1	cherty sed or lithic crystal tuff	grey-beige, banded fine grain, fine angular fragments of qtz 0.03cm diam, fine diss grains of sulphides cp, py, fractures filled with calcite, banding in some sections parallel to core axis, some chlorite along fractures, fine py, cp along some fractures 1%, narrow blue grey qtz veins at 35.8m with py, mo and chlorite seams 45° to core			77	40.5	43.6	3.1	nil	
						78	43.6	46.8	3.2	nil	
						79	46.8	49.5	2.7	nil	
						80	50.8	52.7	1.9	nil	
						81	52.7	54.3	1.6	10	
						82	54.3	55.3	1.0	20/10	
						83	63.3	63.6	0.3	10	
						84	69.3	70.9	1.6	nil	
47.1	50.8	maf-int tuff cherty	lt green to green, fine grain, massive calcite veinlets with diss py, cp, mo chlorite along fractures, one narrow 1.3cm calcite vein at 47.1 metres.			85	70.9	72.4	1.5	nil	
						86	72.4	74.1	1.7	nil	
						87	74.1	74.7	0.6	10	
						88	74.7	77.1	2.4	nil	
50.8	55.3	cherty sed qtz crystal tuff	beige, fine grain, massive, hard, with diss py (mo?) 5cm breccia zone at 55.2-55.3, stringers of sphalerite from 54.9-55.2m			89	77.1	80.2	3.1	nil	
						90	80.2	82.5	2.3	nil	
						91	82.5	83.8	1.3	nil	
						92	83.8	86.3	2.5	nil	
55.3	69.4	mafic vol? intrus	green, lt green, massive, abundant fine fracturing from 55.3 to 69.4m, contact at 69.4m, 90° to core axis			93	86.3	87.8	1.5	nil	
						94	87.8	89.0	1.2	10/20	
						95	89.0	89.9	0.9	nil	
						96	89.9	92.4	2.5		



Diamond  
Drilling  
Log

Drilling Company <b>Kenora Diamond Drilling Limited</b>	Core Elevation Surface	Project No. Az 240	Total Length 100.0m	Depth of Core 45.0	Location of Hole (elevation and first position on the site)	Map Reference M-2979	Case No. Pa 487250
Date Hole Started Dec 9, 1983	Date Completed Dec. 14, 1983	Date Logged Dec 30/83	Logged by R. A. Bernatchez	30.45m 44.5	Location of Hole (elevation and first position on the site)	Unit (Tap, Lot, Con or Lot # (if any)) Fourley Lake Area MTS 50-3-2	Property Name King Bay Property
Exploration Co., Owner or Optionee Steep Rock Resources Inc	Date Submitted May 28/84	Submitted by (Signature) R.A. Bernatchez P. Eng.	60.95m 43.0	7+05N, 28-37E, 7-36N			
			100.0m 41.5	Lat 50° 02' Long 90° 48.6'			

Footage		Rock Type	Description	Core Sample No.	Vol. Sample Liters	Sample Length	Sample Depth	Remarks
From	To							
0	2.7	casing			70.64	8.2	10.1	nil
2.7	8.2	mafic volcanic	green grey, fine - med grain, massive, Qtz-calcite seams various angles to core axis, minor sericite-chlorite alteration, fine diss grains of py, cp, py 1/2, very blocky ground	65	10.1	11.6	1.5	nil
				66	11.6	13.1	1.5	nil
				67	13.1	16.2	3.1	nil
				68	16.2	19.2	3.0	nil
				69	19.2	22.3	3.1	nil
8.2	10.1	int tuff	lt green, beige, fine grain, banded, very blocky, stretched fragment filled with calcite, containing weak sulphide mineralization, foliation of fragments abundant at irregular angles to core, blocky and ground core from 7.9 - 8.2m at contact and at 91.1 to 9.8 metres	70	22.3	25.3	3.0	nil
				71	25.3	29.3	3.0	nil
				72	29.3	31.4	3.1	nil
				73	31.4	34.4	3.0	nil
				74	34.4	35.0	1.6	nil/20
				75	35.0	37.5	1.5	nil
10.1	47.1	cherty sed or lithic crystal tuff	gray-beige, banded, fine grain, fine angular fragments of Qtz (0.03cm diam, fine diss grains of sulphides) cp, py, fractures filled with calcite, banding in some sections parallel to core axis, some chlorite along fractures, fine py, cp along some fractures 1/2, narrow blue-grey Qtz veins at 35.8m with py, cp and chlorite seams 45° to core	76	37.5	40.5	3.0	nil
				77	40.5	43.6	3.1	nil
				78	43.6	45.9	3.2	nil
				79	45.9	43.6	2.7	nil
				80	50.8	52.7	1.9	nil
				81	52.7	52.3	1.6	10
				82	52.3	55.3	1.0	20/10
47.1	50.8	maf-int tuff cherty	lt green to green, fine grain, massive calcite veinlets with diss py, cp, no chlorite along fractures, one narrow 1.3cm calcite vein at 47.1 metres	83	53.3	63.6	0.3	10
				84	63.3	70.9	1.6	nil
				85	70.9	72.4	1.5	nil
				86	72.4	74.1	1.7	nil
50.8	55.3	cherty sed Qtz crystal tuff	beige, fine grain, massive, hard, with diss py (no?) 5cm breccia zone at 55.2 - 55.3m, stringers of sphalerite from 54.9 - 55.2m	87	74.1	74.7	0.6	10
				88	74.7	77.1	2.4	nil
				89	77.1	80.2	3.1	nil
55.3	69.4	mafic vol? intrus	green, lt green, massive, abundant fine fracturing from 55.3 to 69.4m, contact at 69.4m, 90° to core axis	90	82.2	82.5	2.3	nil
				91	82.5	83.8	1.3	nil
				92	83.8	86.3	2.5	nil
69.4	74.7	mafic dyke	lt green-grey, med grain, massive, numerous fine fractures calcite filled, scattered blue Qtz calcite veinlets 0.6 to 1.3cm with py, cp, sp calcite with blue Qtz centres at contact with dyke, contact of dyke almost parallel to core from 72.9-74.8m, blue Qtz veinlets in mafic dyke from 72.0 to 72.9 metres along axis of the core	93	86.3	87.8	1.5	nil
				94	87.8	89.0	1.2	10/20
				95	89.0	89.9	0.9	nil
				96	89.9	92.4	2.5	





Ministry of  
Natural  
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Ontario

**Diamond  
Drilling  
Log**

Fill in on  
every page

Hole No. **KE-34-93** Page No. **2 of 2**  
C's - No.

Drilling Company <b>Kenora Diamond Drilling Limited</b>		Collar Elevation	Beings of hole from true north	Total Footage <b>100m</b>	Dip of Hole at Corner	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Location (Twp., Lot, Con or Lat and Long)
Date Hole Started	Date Completed	Date Logged	Logged by					
Exploration Co., Owner or Optionee <b>Steep Rock Resources Inc</b>		Date Submitted	Submitted by (Signature)					
Property Name <b>King Bay Property</b>								

Footage		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle	Core Specimen Footage	Your Sample No.	Sample Footage		Sample Length	Au	Assays
From	To						From	To			
74.7	100.0	cherty sed or felsic tuff	beige-grey, fine to med grain, massive with some banded sections near contact with mafic dyke, chert has faint porphyritic texture occasional bqc veins with py. sp. chlorite along bedding surfaces			70098	92.4	95.4	3.0	nil	
						99	95.4	98.5	3.1	nil	
						70100	98.5	100.3	1.8	nil	
						01	100.3	100.6	0.3	20/30	
						02	100.6	101.5	0.9	nil	
						03	101.5	103.0	1.5	nil	

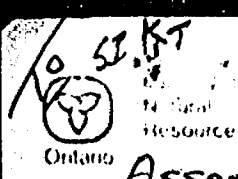
PATRICIA MINING DIV.  
**RECEIVED**  
JUN -4 1984  
A.M. P.M.  
7 8 9 10 11 12 1 2 3 4 5 6





52J02SW0041 52J02SW0018C1 FOURBAY LAKE

900



Report of Work

Fourbay Lake G2543  
#84-82

For Geotechnical work use form "Report of Work (Geological, Geophysical, Geotechnical Expenditures)".

Assess. Lib.

The Mining Act

Name and Postal Address of Record Holder <b>Steep Rock Resources Inc</b> <b>710-40 University Ave. Toronto Ontario M5J 2G5</b>	Prospector's Licence No <b>A-18514</b>
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Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed <b>328 ft (100m)</b>	Mining Claim		Work Days Cr.	Mining Claim		Work Days Cr.	Mining Claim		Work Days Cr.
	Prefix	Number		Prefix	Number		Prefix	Number	
for Performance of the following work. (Check one only)	Pa	704758	164						
		704760	164						
<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									

ONTARIO GEOLOGICAL SURVEY  
ASSESSMENT FILES  
RESEARCH OFFICE  
SEP 5 1984  
RECEIVED

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

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

Drilled by **Kenora Diamond Drilling**  
P.O. Box 661  
Kenora Ontario P9N 3X6

Hole No	Core Size	Depth	Dip
KB-34-83	B Q	328 ft. (100m)	-45°

Recorded  
Patricia  
P.A. 704758

PATRICIA MINING DIV.  
RECEIVED  
JUN - 4 1984  
P.M.  
7,8,9,10,11,12,13,14,15,6

Date of Report	Recorded Holder or Agent (Signature) <b>Raymond A Bernatchez</b>
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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 <b>Raymond A Bernatchez P. Eng. Steep Rock Resources Inc</b> <b>Atikokan Ontario P0T 1C0</b>	Date Certified	Certified by (Signature) <b>R.A. Bernatchez, P. Eng.</b>
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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.	Work Sketch (as above) in duplicate
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.		
Land Survey	Name and address of Ontario land surveyor.	Nil	Nil

SEE ACCOMPANYING  
MAP(S) IDENTIFIED AS

52J/02 SW-0018-C1 #1-2

LOCATED IN THE MAP  
CHANNEL IN THE  
FOLLOWING SEQUENCE

(X)

	X	X



HWY 599

SIX MILE LAKE ROAD

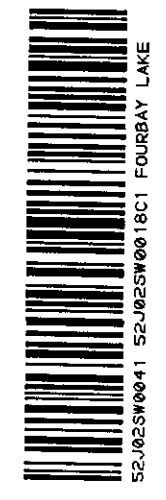
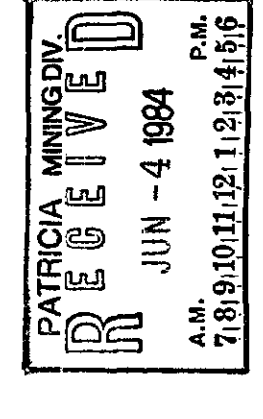


52J/02SW-0018-C1  
#2

STEEP ROCK RESOURCES INC.  
KING BAY PROJECT - STURGEON LAKE, ONT.

CLAIM BOUNDARY LOCATION

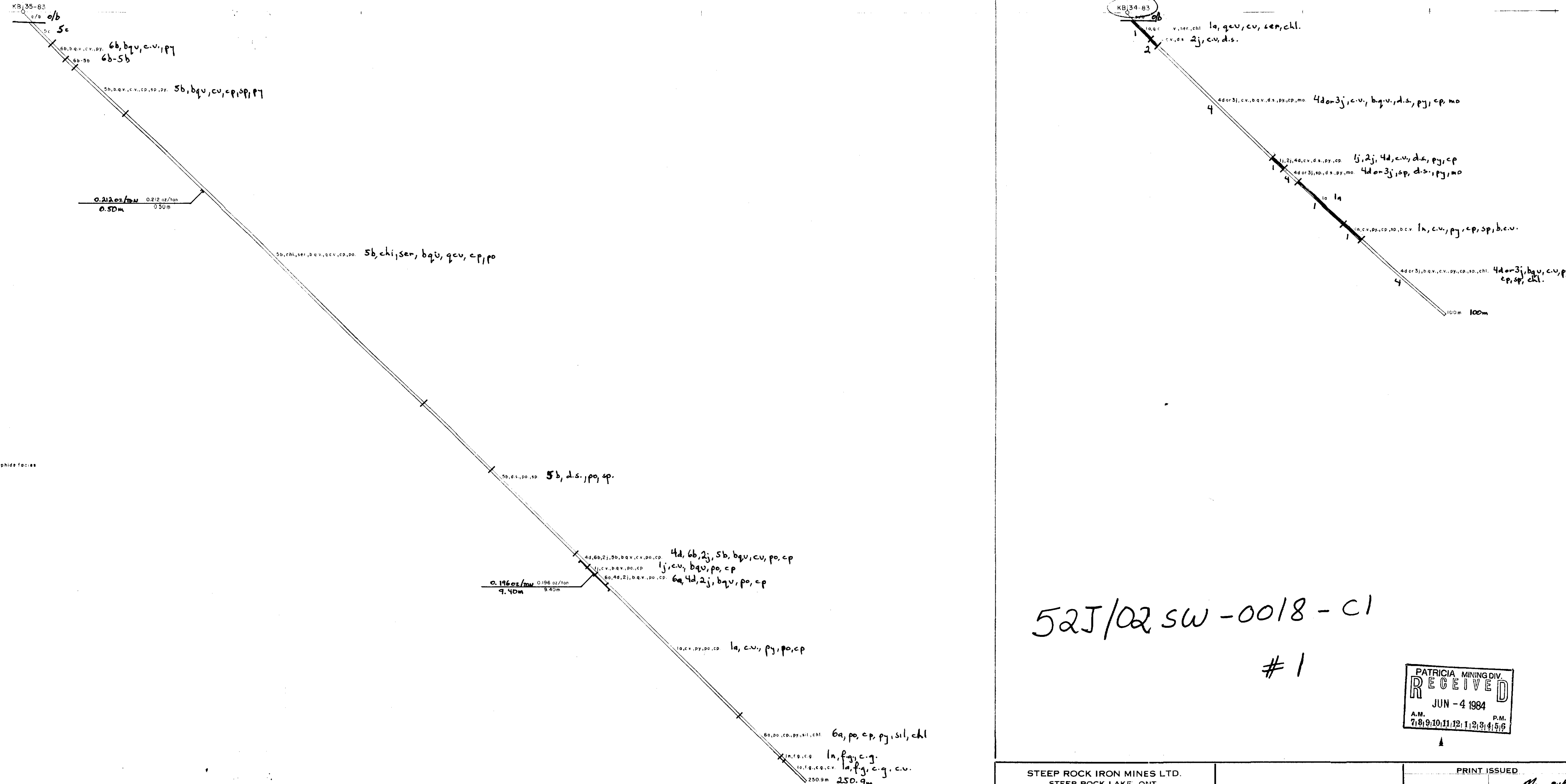
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DIP BY: \_\_\_\_\_ CND BY: \_\_\_\_\_ APPROVED: \_\_\_\_\_



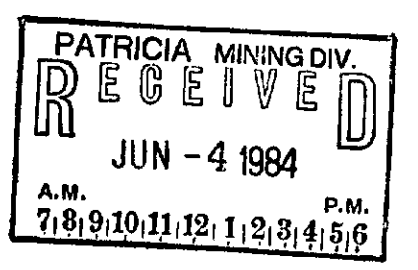
2000

29+00E-6427N AZ 220° 28+50E-5467N 28+00E-5408N

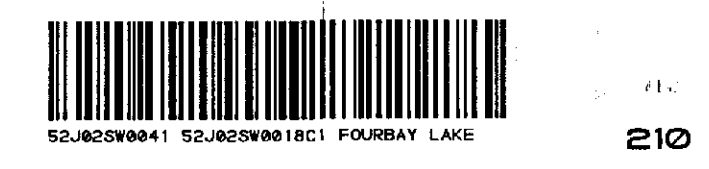
28+35E-7428N 28+25E-7422N 28+00E-7407N 27+75E-6492N AZ 240°



52J/02 SW-0018-C1  
#1



STEEP ROCK IRON MINES LTD. STEEP ROCK LAKE, ONT.		PRINT ISSUED	
SCALE: 1/500	DR. BY: R.L.L.	TITLE: CROSS SECTION	TO: DATE: May 24/84
DATE:	CKD. BY:	SUBJECT: D.D.M. KB-35, KB-34	CHARGE NO.:
APPROVED BY: R.A. Bennett		LOCATION: STURGEON LAKE, KING BAY AREA	REV:



DWG. No.	REFERENCE	REV	DATE	MADE BY	DESCRIPTION