



52G15NW0004 2.12012 SIXMILE LAKE

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REPORT ON THE  
STURGEON NARROWS PROPERTY  
SIX MILE LAKE AREA  
PATRICIA MINING DIVISION  
ONTARIO  
FOR  
PRIMROSE GOLD RESOURCES INC.

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MINING LANDS SECTION

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## INTRODUCTION

The author carried out a review of previous work on the property. A stripping programme was then carried out to expose a number of mineralized zones on the property. This report summarizes the work carried out on the claim block to date.

## LOCATION

The property is located on Sturgeon Narrows, which separates the north and south parts of Sturgeon Lake, about 29 km south of Savant Lake, Ontario (Fig.1). Savant Lake is a hamlet located on the main Canadian National Railway line approximately midway between Winnipeg, Manitoba and Thunder Bay, Ontario.

## ACCESS

The claims can most easily be reached by motor vehicle via the Six Mile Lake Road, 15 km from Highway 599. A trail from this road leads to the shore of Sturgeon Narrows - a distance of 250-300 m.

The junction of the Six Mile Lake Road and Highway 599 is 25 km south of Savant Lake and 105 km north of Ignace via Highway 599.

Scheduled air service is available to Dryden and Sioux Lookout, 230 and 155 km, respectively, by road from the property.

The Six Mile Lake Road is not regularly maintained. A snow machine is required to access the property in winter.

For access along the shore line, a boat can be portaged along the trail to the lake. Boats and motors can also be rented from several lodges and outfitters in the area. Sturgeon Lake is a large lake and due caution must be exercised on the lake, particularly in windy or stormy weather.

## PHYSIOGRAPHY

The claim group is largely covered by water. The shoreline consists of areas of boulders alternating with areas of outcrop. The area back from the shoreline is generally rolling with low hills covered with thin overburden. Areas of swamp and rock ridges are also present. During July of this year, a severe wind storm uprooted 20 - 50% of the trees growing on the claims. The resulting windfalls make traversing slow and difficult.

CLAIMS

The Sturgeon Narrows Property consists of twenty four claims.

All the claims are in good standing. The present status of the claims is summarized in Table 1.

Table 1

Claim Status Summary

Claim No.	Recording Date	Assessment Days Filed	Good to
Pa 704623	Apr. 6/83	200	Nov. 7/89
Pa 815752	Sept. 18/84	140	Sept. 18/89
Pa 815753	Sept. 18/84	140	Sept. 18/89
Pa 815754	Sept. 18/84	157	Sept. 18/89
Pa 815755	Sept. 18/84	140	Sept. 18/89
Pa 815756	Sept. 18/84	156	Sept. 18/89
Pa 815757	Sept. 18/84	140	Sept. 18/89
Pa 810419	Dec. 4/84	140	Dec. 4/89
Pa 810420	Dec. 4/84	140	Dec. 4/89
Pa 810421	Dec. 4/84	140	Dec. 4/89
Pa 810422	Dec. 4/84	140	Dec. 4/89
Pa 810423	Dec. 4/84	140	Dec. 4/89
Pa 1052905	July 11/88	0	July 11/89
Pa 1052906	July 11/88	0	July 11/89
Pa 1052907	July 11/88	0	July 11/89
Pa 1052908	July 11/88	0	July 11/89
Pa 1052909	July 11/88	0	July 11/89
Pa 1052910	July 11/88	0	July 11/89
Pa 1052911	July 11/88	0	July 11/89
Pa 1052912	July 11/88	0	July 11/89
Pa 1052913	July 11/88	0	July 11/89
Pa 1052914	July 11/88	0	July 11/89
Pa 1052915	July 11/88	0	July 11/89
Pa 1052916	July 11/88	0	July 11/89

The work proposed for this winter is expected to complete the 200 days work required for 11 of the claims and provide several years of work credits on the remaining claims.

#### PREVIOUS WORK

Gold was first discovered in the Sturgeon Lake Area in the 1890's. During this early period the present claims were prospected and several pits and trenches were dug. No documentation of this early work exists.

Since that time exploration for gold has been carried out in the area as the interest in gold rises and falls.

The main showing on the property was apparently a patented mining location for many years. The earliest documented work was carried out in 1969 by W. G. Wahl Ltd. Exploration has also been carried out in the immediate area by Falconbridge Nickel Mines Ltd. and Abermin Corporation. Work to date has included magnetic and VLF surveys, geological mapping and diamond drilling.

Twelve of the present claims were optioned by Primrose Gold Resources Inc. in the spring of this year. The additional twelve claims were staked in July of this year. To date Primrose has carried out a stripping programme and a preliminary evaluation of the property.

#### REGIONAL GEOLOGY

The property is underlain by an assemblage of metavolcanics, metasediments, alkalic intrusives and gabbro (see Fig. 2). The volcanics are predominantly mafic, with only a limited intermediate component. The metasediments consist mainly of conglomerate. Minor siliceous bands are present within the conglomerate as are local concentrations of magnetite. Graphitic zones are present along the northern contact of the sediments with the volcanics in the northwest corner of Pa 704623. Regional mapping suggests the sediments form a synclinal core within the volcanics.

The south shore of Sturgeon Narrows is underlain by an alkalic complex. The contact with the sediments and volcanics lies beneath the Narrows. The Narrows has been interpreted as a rift valley by some.

Feldspathic dykes cutting the metasediments on the claims are believed to be related to the alkalic complex. Gold occurrences discovered to date on the property are associated with pyrite within these feldspathic dykes.

A small gabbro intrusion has been mapped as occupying the northern part of claim Pa 1052912.

## ECONOMIC GEOLOGY

Gold occurrences discovered in the immediate area to date can be characterized as pyritic zones within feldspathic dykes. Pyritic, carbonated shear zones within the sediments are sometimes anomalous for gold. To date, no significant gold values have been found in these shears.

Two significant gold occurrences are known to exist within feldspathic dykes on the property. The larger is the gold showing on Pa 704623. The other is only known from drill holes.

Both occurrences have several features in common:

- significant carbonate content (5-20%)
- significant pyrite content (2-10%)
- approximate east-west strike
- traces of fluorite

Other features are not common to both:

	Main Showing	Drilled Showing
quartz veining	present	not reported
dyke thickness	20-25 m	2 m
mineralization	2-3m zone within the dyke	full width
leached	yes	no

## DISCUSSION OF PREVIOUS WORK

### Magnetic Surveys

Ground magnetic surveys over part of the property have been carried out by Falconbridge and Abermin. Only the Falconbridge survey covered lake.

The magnetics indicate the main showing as a magnetic low striking to the east. The survey stations were too far apart to trace the zone for any distance under the lake. Several other magnetic lows on the property may represent other gold bearing zones.

### VLF Surveys

Abermin conducted a VLF survey over a part of the land portion of the property.

The survey identified the conducting zone drilled by Selco. It also outlined the shearing associated with the feldspathic dyke exposed in trench #4. The data also suggests a conductor lies under Sturgeon Narrows.

The survey did not respond to the main showing.

### Diamond Drilling

W. G. Wahl Ltd. drilled 4 holes on the present claim group in 1969. Two of these holes were drilled to the east from the point south of Pa 704623. The holes were drilled to determine the source of an airborne magnetic anomaly under Sturgeon Narrows. Technical problems stopped the first hole. A second hole (69-2) was drilled to a total depth of 1702'. This hole was logged as having encountered conglomerate at the top of the hole and volcanics towards the bottom. Alkalic dykes became more common towards the end of the hole.

Hole 69-3 was drilled to intersect an EM conductor located near the #1 post of Pa 704623. The hole was drilled at -45 degrees to the north. The hole reached bedrock at 54' and immediately entered a feldspathic dyke containing carbonate and pyrite. The conductor was located further down the hole, but was not of interest.

Hole 69-4 was drilled at -45 degrees to the south and intersected the full width of the feldspathic dyke. Assays of the dyke were 0.10 oz./ton Au over 3.5' and 0.07 oz./ton Au over the following 3'. No further work was done due to the low price of gold at that time.

Another hole (69-5) was drilled on the south side of Sturgeon Narrows during this same programme to investigate for rare earths.

Core from all these holes was found on the south shore of the lake this summer. Although some of the core had been dumped, it was possible to retrieve 51 boxes of undisturbed core. The core was transferred to new core boxes and transported to the north side of the lake for examination and sampling. An early snowfall makes it impossible to examine and sort the core in the field. The core will be transported to suitable facilities this winter for examination, splitting and assaying. Except for the 6.5' noted above, the core was not assayed for gold.

Selco drilled two holes for base metals on an EM conductor just to the north of Pa 704623. One of these holes (242-23) entered Pa 704623 at depth. Several pyritic and graphitic zones were intersected. The drill logs indicate samples were taken, however they do not indicate if gold was one of the determinations carried out. The core is still located at the site. The early snowfall also prevented the re-sampling of this core.

Falconbridge drilled 8 holes on the present claims. The location of the core is noted on Fig. 3. Feldspathic dykes were intersected in several of the holes. Assay results were low. It was assumed that all the holes intersected the same feldspathic dyke. Plotting of the vertical projections of the holes indicates that several different dykes were intersected.

Abermin drilled several short holes on the main showing. All five holes were vertical. Assays were low. Due to the nature of the mineralization, it is likely the holes were not drilled to best advantage to assess the showing.

#### Stripping and Trenching

Abermin cleaned out and sampled the original trenches on the main showing. Their results indicate a zone approximately 1-2 x 15m containing from 1250 to 5800 ppb Au. The zone is open to the east.

The main showing and other locations were stripped this past summer by the author to further evaluate the mineralization. Locations and sampling sites are shown on Fig. 3.



The main showing is heavily leached. To obtain fresh unweathered rock, considerable excavating would have been required. It was considered too expensive and too risky to drill and blast to fresh rock, particularly as the fresh rock would most likely lie below water level.

The other feldspathic dykes exposed were somewhat carbonated but not to the degree of the main showing. Pyrite was sparse or absent.

The stripping exposed several sheared and carbonated zones within the sediments. Pyrite was present in minor concentrations only. The shears were vertical with strikes from 060 to 080 degrees.

Several shear zones were also exposed containing ankerite veins up to 6" thick. Pyrite, when present, was sparse.

A unique rusty mass was exposed in trench #4 at the site of sample SN-15. The surrounding rock to the north, south and east was dark green sediments. Rock to the west was covered with overburden. No fresh source rock for the rusty material was evident. A portion of the rusty material was mixed with rounded greenstone cobbles. The mass may represent an older till unit or, less likely, a residual deposit. Additional excavating will be required to clarify the origin of this material.

#### Sampling

Thirty four samples were collected from the property during the present evaluation. Samples SN-1 to SN-30 were collected from the stripped areas. Samples SN-31 to SN-34 were collected from the additional claims staked to the northeast. Descriptions of the samples and the analytical results are given in Appendix I.

The results confirm the presence of high grade gold values at the main showing. The highest values appear to be associated with coarse pyrite although exceptions do occur. The weathered nature of the rock did not permit reliable channel sampling.

The shears in the sediments returned several low anomalous gold values.

The other feldspathic dykes returned a few slightly anomalous gold values.

The rusty zone (SN-15) returned comparatively high La (1540ppm) and Ce (1770ppm) values plus Th of 140ppm, U of 27.2ppm and P of 8000. These results suggest a carbonatite or related rock type to be the source. Further work is required to assess the significance of these values.

Sample SN-34 returned 1230ppm As with negligible gold.

#### CONCLUSIONS

1. Two gold-bearing feldspathic dykes are known to occur on the claims.
2. Previous work has indicated that additional feldspathic dykes and other structures, possibly gold-bearing, occur on the claims.
3. Additional exploration is necessary and warranted to test the known structures and to discover new zones.

## RECOMMENDATIONS

1. The land grid should be extended on the ice to cover the entire property. The area near the known showings and possible extensions to the east should be at 50m intervals with other lines at 100m intervals.
2. Detailed magnetic and VLF surveys be carried out over the grid. A spacing of 12.5m between readings on all the lines should provide sufficient detail to define low magnetic areas. Where low magnetics are encountered, a 6.25m spacing and intermediate lines may be required.
3. All linear magnetic lows should be detailed by I.P.
4. A preliminary diamond drilling programme be carried out this winter to test anomalies defined by 1. and 2. above. It is expected that linear magnetic lows coincident with a strong I.P. response would be the prime targets for drilling.
5. Core from the Wahl and Selco drilling be examined and samples sent for assay.
6. Additional work would be based on the results from 2. to 5. above.

## PROPOSED EXPLORATION PROGRAMME (Phase I only)

(a) grid, magnetic and VLF surveys, drafting and report	15,000
(b) I.P. survey	15,000
(c) preliminary diamond drilling (2000')	70,000
Subtotal	100,000
Contingency	10,000
TOTAL	\$110,000

APPENDIX I

PRIMROSE GOLD RESOURCES INC.

SAMPLE DESCRIPTIONS AND ASSAY RESULTS

- SN-1 carbonated shear zone in conglomerate, minor pyrite, east end of trench #1, width of 0.2-0.3m
- SN-2 carbonated shear zone in conglomerate, minor pyrite, 8' from east end of trench #1, width of 0.15m
- SN-3 carbonated shear zone in conglomerate, minor pyrite, 22' from east end of trench #1, width of 1.1m
- SN-4 carbonated shear zone in conglomerate, minor pyrite, 30' from east end of trench #1, width of 0.6m
- SN-5 carbonated shear zone in conglomerate, minor pyrite, 15m from east end of trench #1, width of 0.6m
- SN-6 carbonated shear zone in conglomerate, minor pyrite, 15m from east end of trench #1, width of 0.3m
- SN-7 carbonated shear zone in conglomerate, minor pyrite, 35m from east end of trench #1, width of 0.9m
- SN-8 carbonated shear zone in conglomerate, trench #2, width of 0.3m, strike 080 degrees, dip vertical
- SN-9 fenelized, carbonated shear zone in conglomerate, minor pyrite, 7m northwest of SN-8, strike 080, dip vertical, width of 0.6m
- SN-10 carbonated shear zone in conglomerate, pyrite and carbonate in wallrock, 1.5m NW of SN-9, strike 060, dip vertical, width of 0.45m
- SN-11 irregular carbonated zone with pyrite and carbonate in conglomerate wallrock, 0.6m zone adjacent to SN-10
- SN-12 sheared conglomerate with carbonate stringers, pyrite in wallrock

- SN-13 0.3m pyritic shear in conglomerate, trench #4 --  
6m from south end
- SN-14 silicified sediment, trench #4 - 8m from south  
end
- SN-15 rusty zone, trench #4 - 26m from south end
- SN-16 siliceous sediment with 1% disseminated pyrite  
and pyrrhotite, site of an old pit, trench #4 -  
44m from south end
- SN-17 rusty, fenetized zone, trench #4 - 49m from  
south end
- SN-18 fenetized rusty zone adjacent to feldspathic  
dyke, trench #4 - 51m from south end ,  
feldspathic dyke to 66m in trench #4
- SN-19 white and red feldspathic dyke, strike 080, dip  
vertical, width 2-3m, trench #5
- SN-20 trench #6, 0.45m vertical chip, 3m NW of old pit,  
rusty feldspathic with carbonate
- SN-21 trench #6, grab sample, very rusty feldspathic  
dyke material
- SN-22 trench #6, 0.3m horizontal chip, 2m E of old pit,  
feldspathic dyke material
- SN-23 trench #6, 0.6m horizontal chip, NE corner of old  
pit, feldspathic dyke material
- SN-24 trench #6, grab sample, fairly fresh feldspathic  
dyke material with <1% pyrite
- SN-25 trench #6, grab sample, rusty feldspathic dyke  
material with 2-3% disseminated pyrite
- SN-26 trench #6, grab sample, very rusty feldspathic  
dyke material, visible gold in leached pyrite  
cavities
- SN-27 trench #6, 0.45m vertical chip, 8m from SE corner  
of old pit, rusty feldspathic dyke material
- SN-28 trench #6, grab sample, feldspathic dyke material  
containing 5-10% coarse pyrite
- SN-29 trench #6, grab sample, feldspathic dyke material  
containing 10-20% very coarse pyrite
- SN-30 trench #6, grab sample, very rusty feldspathic  
dyke material

- SN-31 3' sheared, carbonated mafic volcanic, trace of pyrite and chalcopyrite, on shore at 15+30E
- SN-32 3' sheared, carbonated mafic volcanic, trace of pyrite, on shore at 12+50E
- SN-33 sheared mafic agglomerate, disseminated and blebs of pyrite, on shore at 9+93E
- SN-34 sheared, altered mafic volcanic now chlorite schist, disseminated pyrite crystals to 2cm, loose angular blocks appear to be frost heaved, on shore at 9+80E

SAMPLE	Au ppb	Ag ppm	As ppm	Sb ppm	Cu ppm	Zn ppm	Pb ppm
SN-1	27	-0.5	58	2.8	79	140	-2
SN-2	16	-0.5	21	1.8	29	110	12
SN-3	5	-0.5	23	1.5	46	160	-2
SN-4	15	-0.5	24	2	69	160	-2
SN-5	27	-0.5	47	1.5	63	180	-2
SN-6	14	-0.5	19	1.8	54	180	4
SN-7	79	-0.5	51	6.8	64	130	16
SN-8	77	-0.5	77	3.8	57	130	10
SN-9	79	-0.5	28	4.9	45	120	20
SN-10	63	-0.5	28	3.6	24	200	22
SN-11	100	-0.5	170	4.6	66	150	14
SN-12	55	-0.5	30	4.8	69	210	16
SN-13	36	-0.5	11	51	69	120	140
SN-14	24	-0.5	23	3.2	100	180	8
SN-15	120	-0.5	150	4.1	66	95	110
SN-16	58	-0.5	16	2.6	72	97	10
SN-17	71	-0.5	55	4.1	90	90	16
SN-18	98	-0.5	71	3	55	200	8
SN-19	65	-0.5	7	2.9	42	130	38
SN-20	120	-0.5	12	5.1	13	86	14
SN-21	6200	-0.5	23	4	13	36	70
SN-22	270	-0.5	8	7.8	8	79	360
SN-23	820	1	9	4.1	8.5	85	96
SN-24	4600	-0.5	4	3	9	51	20
SN-25	6500	-0.5	3	4.1	9	59	24
SN-26	5500	-0.5	7	2.7	6	37	400
SN-27	280	-0.5	4	2.6	22	65	24
SN-28	730	-0.5	4	2.8	6	37	8
SN-29	88000	3.5	4	5.8	7.5	40	60
SN-30	31000	2.5	6	4.1	9	18	46
SN-31	5	5	3	0.3	88	-200	3
SN-32	5	5	3	0.4	49	-200	3
SN-33	5	5	78	0.6	58	-200	19
SN-34	11	5	1230	0.4	93	-200	6

NOTE: -X denotes less than value X

PRIMROSE GOLD RESOURCES INC. - ASSAY RESULTS

SAMPLE	Ni ppm	Co ppm	Cr ppm	Cd ppm	Mn ppm	Mo ppm
SN-1	69	54	140	1	2700	-5
SN-2	40	31	80	1	2300	-5
SN-3	73	44	130	2	2100	-5
SN-4	74	45	130	2	2100	-5
SN-5	77	54	170	3	2900	-5
SN-6	64	48	110	-1	3000	-5
SN-7	91	67	270	2	2300	-5
SN-8	66	34	340	2	1300	19
SN-9	220	40	440	1	2700	-5
SN-10	270	56	400	1	2900	11
SN-11	83	39	180	2	1800	-11
SN-12	88	52	180	3	2600	-8
SN-13	86	48	420	-1	1600	-7
SN-14	120	54	420	3	2800	-8
SN-15	32	28	60	3	3400	-5
SN-16	54	53	360	2	2300	-9
SN-17	63	61	230	1	3300	-11
SN-18	100	59	150	2	1700	-11
SN-19	34	37	120	2	2000	-5
SN-20	18	27	110	1	630	7
SN-21	5	13	100	1	56	35
SN-22	22	28	120	1	810	-5
SN-23	17	24	140	-1	670	-5
SN-24	16	16	120	-1	530	-5
SN-25	19	16	100	-1	570	-5
SN-26	7	-5	160	-1	42	-5
SN-27	14	12	80	-1	620	-5
SN-28	14	9	130	-1	480	-5
SN-29	22	23	130	-1	220	-11
SN-30	8	8	100	-1	66	7
SN-31	-50	29	95	-10		-2
SN-32	-50	44	-50	-10		-2
SN-33	-50	16	93	-10		-2
SN-34	-50	63	120	-10		-2

NOTE: - X denotes less than value X



PRIMROSE GOLD RESOURCES INC. - ASSAY RESULTS

SAMPLE	Ca ppm	MgO ppm	Na2O %	K ppm	Fe2O3 %	Ti ppm	P ppm
SN-1	2000	11000	0.14	21000	18.8	8300	800
SN-2	13000	13000	3.87	18000	11.4	4600	1700
SN-3	5700	21000	3.61	7900	16.1	8100	900
SN-4	16000	22000	3.69	6200	17.8	8600	900
SN-5	4500	22000	3.29	8400	20.2	7500	800
SN-6	5200	20000	3.49	5400	20.1	6900	900
SN-7	2700	9300	5.35	11000	20.6	7100	1500
SN-8	3800	12000	6.11	7500	21.3	7200	1200
SN-9	37000	14000	9.5	3100	9.63	4100	3300
SN-10	60000	56000	3.97	1800	15.4	5000	4600
SN-11	27000	12000	4.93	11000	19.8	10000	1100
SN-12	25000	19000	3.33	14000	17.6	8900	900
SN-13	33000	14000	3.65	14000	17.3	8900	700
SN-14	39000	21000	3.48	3400	18.4	9400	800
SN-15	11000	10000	9.83	6400	9.98	2600	8000
SN-16	8700	13000	4.99	17000	14.4	4900	2900
SN-17	6900	8300	8.14	12000	11.6	6500	4100
SN-18	5700	29000	7.59	8500	14.4	7900	1200
SN-19	8500	6000	8.56	18000	11.9	4200	1500
SN-20	4000	3100	8.97	27000	6.63	3000	2000
SN-21	1100	500	10.5	23000	7.97	2100	1000
SN-22	3400	2400	12.3	10000	6.31	3500	2000
SN-23	2900	1100	12.9	6100	6.69	2800	1700
SN-24	11000	5700	5.22	24000	4.62	1600	1400
SN-25	20000	13000	5.21	25000	4.85	2000	1400
SN-26	3100	600	5.81	1700	6.59	910	500
SN-27	2700	2100	6.49	25000	4.63	2400	1500
SN-28	5000	2800	6.16	9700	3.21	1500	1100
SN-29	3000	1400	5.55	20000	8.36	1500	1000
SN-30	8000	2100	6.23	23000	6.94	1700	700
			Na %		Fe %		
SN-31			2.2		8		
SN-32			0.43		20		
SN-33			2.7		8.3		
SN-34			0.08		24		

NOTE: -X denotes less than value X

PRIMROSE GOLD RESOURCES INC. - ASSAY RESULTS

SAMPLE	Ba ppm	Br ppm	Cs ppm	Hf ppm	Rb ppm	Sc ppm	Se ppm
SN-1	300	-5	6	3	220	44.5	-5
SN-2	700	-5	6	4	-30	19.1	8
SN-3	300	-5	4	4	50	43.8	-5
SN-4	200	-5	-2	3	-60	45	-5
SN-5	400	-5	-2	2	-50	45	-5
SN-6	200	-5	3	1	80	40.5	-5
SN-7	700	-5	-6	4	-150	48.2	-24
SN-8	400	-5	11	-3	-160	55.1	-24
SN-9	300	-5	-7	7	-180	21.9	-26
SN-10	600	-5	-6	6	-150	35.4	-26
SN-11	900	-5	-6	3	200	54.6	-25
SN-12	900	-5	10	3	190	47.9	-19
SN-13	600	-5	-6	-2	-140	54.7	-10
SN-14	400	-5	8	3	-130	54.7	-20
SN-15	1000	-8	25	-6	-280	6.4	-25
SN-16	700	-5	12	-2	-140	49	-25
SN-17	1100	-5	-7	10	-170	33.7	33
SN-18	1100	6	-8	7	-190	39.1	-26
SN-19	600	-6	-7	14	120	21.9	-5
SN-20	1100	-5	-7	11	-210	11.9	-8
SN-21	1100	-6	17	10	120	4.1	-24
SN-22	3100	-6	-8	14	-220	15.4	52
SN-23	600	-6	-8	14	-220	10.9	-18
SN-24	900	-5	-2	5	100	5.5	-5
SN-25	1000	-5	-2	4	120	7.2	-5
SN-26	800	-5	-2	9	-30	1.5	-5
SN-27	1000	-5	2	6	130	6.1	-5
SN-28	700	-5	-2	3	-40	4.1	-5
SN-29	1100	-5	-2	4	90	2.9	-5
SN-30	1200	-5	-2	6	50	2.7	-5
SN-31	260	-5	2	-2	41	24	-10
SN-32	-100	-5	-1	-2	-10	29	-10
SN-33	250	-5	1	-2	15	14	-10
SN-34	260	-5	12	3	23	6.3	-10

NOTE: - X denotes less than value X

PRIMROSE GOLD RESOURCES INC. - ASSAY RESULTS

SAMPLE	Gr ppm	Ta ppm	Th ppm	U ppm	W ppm	La ppm	Ce ppm
SN-1	-1000	-1	1.9	-0.5	8	17	47
SN-2	-1000	-2	17	3.7	7	76	141
SN-3	-1000	-2	1.7	-0.6	-4	15	33
SN-4	-1000	-2	1.3	0.6	-4	11	45
SN-5	-1000	-2	1.5	-0.6	5	9	26
SN-6	1000	-2	1.7	-0.6	-4	10	35
SN-7	1000	-6	14	30.1	-9	22	58
SN-8	-1000	-6	-1.9	-2.6	-9	14	35
SN-9	-1000	-7	51	17.1	11	80	143
SN-10	-1000	-6	12	-1.8	-9	155	234
SN-11	1000	-5	2.1	-2.5	18	11	22
SN-12	-1000	-5	-1.7	-1.6	12	13	42
SN-13	-1000	-5	-1.5	2.7	-9	11	18
SN-14	-1000	-4	-1.8	-1.7	-9	14	19
SN-15	-1000	-14	140	27.2	-15	1540	1770
SN-16	-1000	-5	11	2.6	-9	92	106
SN-17	-1000	-7	28	5.9	15	173	262
SN-18	-1000	-7	16	3.2	-11	115	202
SN-19	-6000	-8	30	9.3	-10	156	245
SN-20	-1000	-8	32	5.4	23	125	185
SN-21	-1000	-8	56	22.5	17	103	139
SN-22	-1000	-9	1600	392	26	169	207
SN-23	-1000	-9	340	58.8	19	131	183
SN-24	1000	-2	25	6.6	16	80	120
SN-25	-1000	-2	18	2.4	22	84	123
SN-26	-1000	3	300	91.1	5	22	35
SN-27	1000	-2	25	6.4	5	89	136
SN-28	-1000	2	10	3.1	9	48	65
SN-29	-1000	-2	13	-0.5	7	59	121
SN-30	-1000	-2	17	2.9	7	72	117
SN-31		-1	0.5	-0.5	-2	5	-10
SN-32		-1	-0.5	-0.5	-2	7	20
SN-33		-1	1.8	-0.5	-2	18	23
SN-34		-1	-0.5	-0.5	-2	8	-29

NOTE: - X denotes less than value X

PRIMROSE GOLD RESOURCES INC. - ASSAY RESULTS

SAMPLE	Nd ppm	Sm ppm	Eu ppm	Yb ppm	Lu ppm	Ir ppb
SN-1	-10	4.3	1.9	4.3	0.66	-20
SN-2	50	11.1	3.3	2.4	0.44	-20
SN-3	-10	4.3	1.4	3.6	0.52	-20
SN-4	-10	3.8	1.6	3.6	0.57	-20
SN-5	-10	2.6	2.2	3.1	0.49	-20
SN-6	-10	3.2	1.1	3.6	0.59	-20
SN-7	-10	4.9	1	4.9	1.05	-20
SN-8	-10	3.8	0.9	4.2	0.65	-20
SN-9	-10	13.5	5.7	2.5	0.58	-20
SN-10	-10	20.8	9.5	3.5	0.68	-20
SN-11	-10	2.9	-2	3.7	1.06	-20
SN-12	-10	3.7	2	4.4	0.66	-20
SN-13	-10	3.2	-1.8	3.8	0.59	-20
SN-14	-10	3.4	-1.8	4.3	0.65	-20
SN-15	260	57.5	11.1	5.7	0.74	-20
SN-16	-10	5.1	-2.4	3	0.55	-20
SN-17	-10	20.8	8.4	3.3	0.52	-20
SN-18	-10	14.9	6.1	2.4	0.45	-20
SN-19	-10	15	6.3	3.3	0.58	-20
SN-20	-10	10.8	1.6	1.6	0.29	-20
SN-21	-10	7.5	-3.5	1	0.22	-20
SN-22	-10	17	9.7	5.7	-0.05	300
SN-23	-10	12.2	4.9	2.1	0.47	-20
SN-24	40	7.1	2.5	0.7	0.19	-20
SN-25	50	7.7	2.7	1.5	0.17	-20
SN-26	-10	4	-0.2	3.3	-0.05	110
SN-27	50	8	2.2	1.1	0.16	-20
SN-28	20	4.6	-0.2	0.6	0.2	-20
SN-29	30	5.4	2.1	1.1	0.17	-20
SN-30	40	5.7	1.9	1.1	0.1	-20
SN-31		3	-2	-5	-0.5	-100
SN-32		3.5	-2	-5	0.6	-100
SN-33		3.4	-2	-5	-0.5	-100
SN-34		2	-2	-5	-0.5	-100

NOTE: X denotes less than value X

PRIMROSE GOLD RESOURCES INC. - ASSAY RESULTS

SAMPLE

SN- 1  
 SN- 2  
 SN- 3  
 SN- 4  
 SN- 5

SN- 6  
 SN- 7  
 SN- 8  
 SN- 9  
 SN- 10

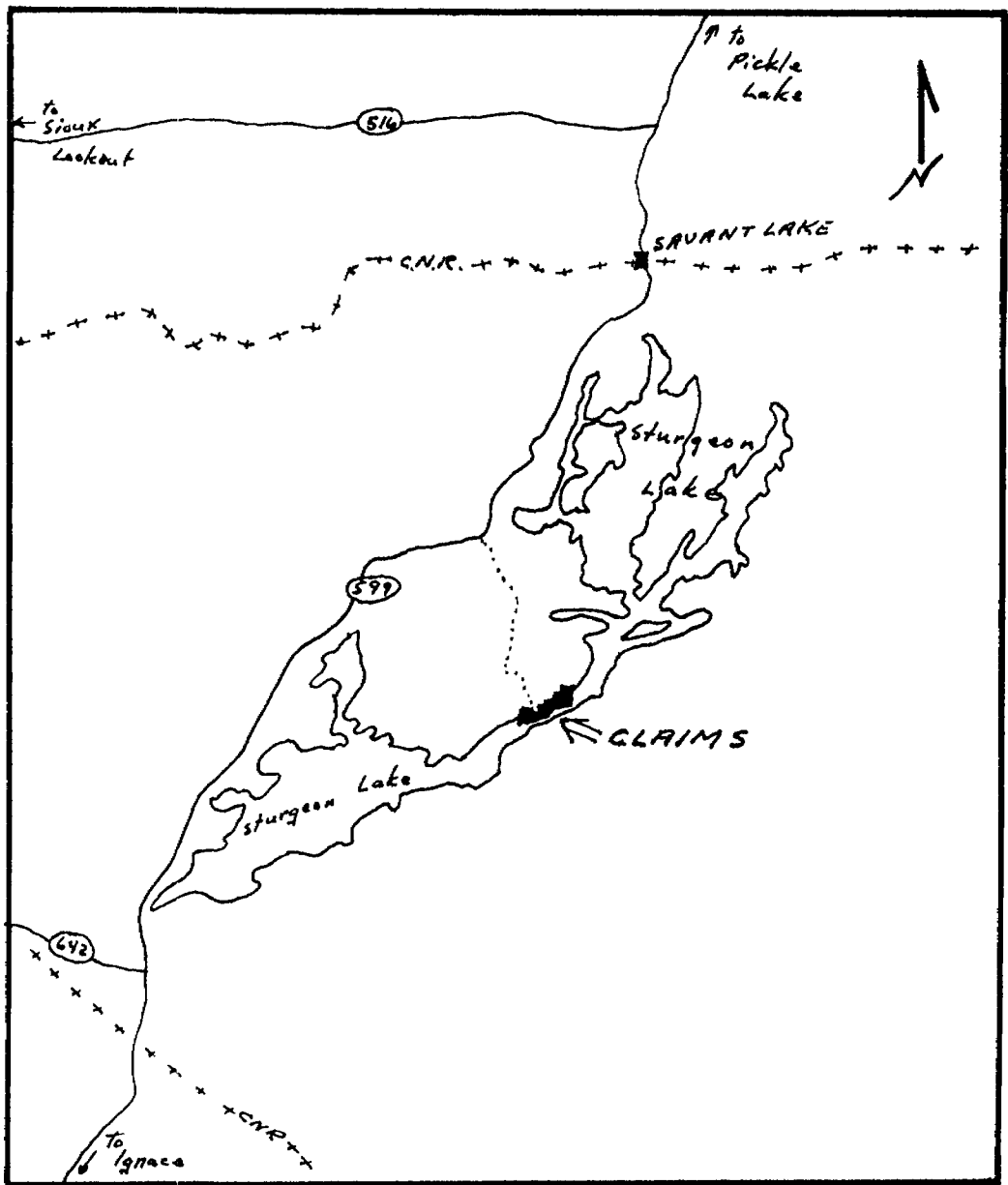
SN- 11  
 SN- 12  
 SN- 13  
 SN- 14  
 SN- 15

SN- 16  
 SN- 17  
 SN- 18  
 SN- 19  
 SN- 20

SN- 21  
 SN- 22  
 SN- 23  
 SN- 24  
 SN- 25

SN- 26  
 SN- 27  
 SN- 28  
 SN- 29  
 SN- 30

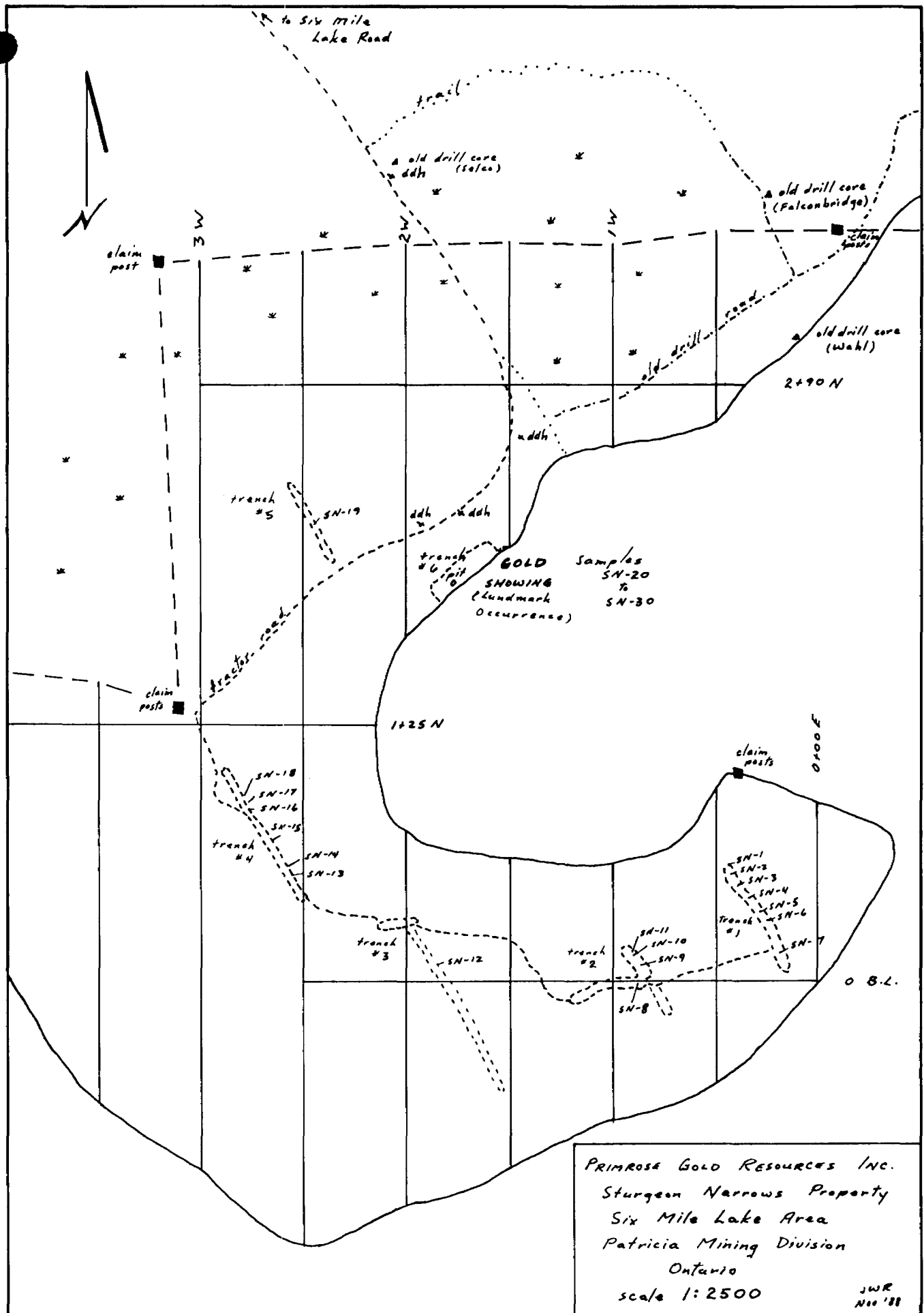
	Zr ppm	Sn ppm	Te ppm	Tb ppm
SN- 31	- 500	- 200	-20	-1
SN- 32	- 500	-200	-20	-1
SN- 33	- 500	-200	-20	-1
SN- 34	- 500	- 200	-55	-1



PRIMROSE GOLD RESOURCES INC.  
 LOCATION MAP  
 STURGEON NARROWS PROPERTY  
 PATRICIA MINING DIVISION  
 ONTARIO

scale 1:500000

Fig. 1



PRIMROSE GOLD RESOURCES INC.  
 Sturgeon Narrows Property  
 Six Mile Lake Area  
 Patricia Mining Division  
 Ontario  
 scale 1:2500

JWR  
 Nov '88

Fig. 3









52G15NW0004 2.12012 SIXMILE LAKE

900

MINING LANDS 2.1201 Mining

Type of Survey(s) **EXPENDITURE** **SIX MILE LAKE AREA**

Claim Holder(s) **PRIMROSE GOLD RESOURCES INC** Prospector's Licence No. **62561 T 5123**

Address **500 - 67 RICHMOND ST. WEST. TORONTO ONT M5H 1Z5**

Survey Company **J. W. REDDEN** Date of Survey (from & to) **10 07 88** Total Miles of line Cut **—**  
Day Mo. Yr. Day Mo. Yr.

Name and Address of Author (of Geo-Technical report) **J. W. REDDEN BOX 117 WABIGON ONT P4V2W0**

Credits Requested per Each Claim in Columns at right

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic	
	- Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	- Radiometric	
	- Other	
	Geological	
	Geochemical	
Man Days	Geophysical	Days per Claim
Complete reverse side and enter total(s) here	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	
Airborne Credits		Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

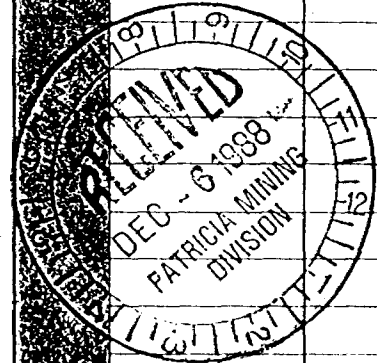
Mining Claims Traversed (List in numerical sequence)

Mining Claim			Mining Claim		
Prefix	Number	Expend. Days Cr.	Prefix	Number	Expend. Days Cr.
Pa	704623	0	Pa	1052916	53
	810419	0			
	810420	0			
	810421	0			
	810422	0			
	810423	0			
	815752	0			
	815753	0			
	815754	0			
	815755	0			
	815756	0			
	815757	0			
	1052905	52			
	1052906	52			
	1052907	52			
	1052908	52			
	1052909	52			
	1052910	52			
	1052911	52			
	1052912	52			
	1052913	52			
	1052914	53			
	1052915	53			

RECEIVED

DEC 19 1988

MINING LANDS SECTION



Expenditures (excludes power stripping)

Type of Work Performed **Layout & systematic stripping, assays & evaluation of claims**

Performed on Claim(s) **ALL**

**SECTION 77-19**

Calculation of Expenditure Days Credits

Total Expenditures **\$9407.85** ÷ Total Days Credits **15** = **627**

Instructions  
Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

Date **Nov 27/88** Recorded Holder or Agent (Signature) *J. W. Redden*

For Office Use Only

Total Days Cr. Recorded **627** Date Recorded **DECEMBER 6/88** Mining Recorder *[Signature]*

Date Approved as Recorded **See statement** Branch Director *[Signature]*

Total number of mining claims covered by this report of work. **24**

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 **J. W. REDDEN**

**Box 117, WABIGON, ONT P4V2W0** Date Certified **NOV 27/88** Certified by (Signature) *J. W. Redden*

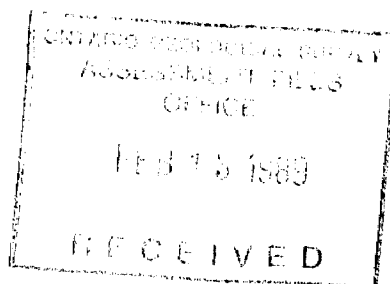


Ontario

Ministry of  
Northern Development  
and Mines

Ministère du  
Développement du Nord  
et des Mines

February 9, 1989



Mining Lands Section  
3rd Floor, 880 Bay Street  
Toronto, Ontario  
M5S 1Z8

Telephone: (416) 965-4888

Your file: W8803-278  
Our file: 2.12012

Mining Recorder  
Ministry of Northern Development and Mines  
Court House  
P.O. Box 3000  
Sioux Lookout, Ontario  
POV 2T0

Dear Madam:

Re: Overburden drilling and Data for Assaying submitted under Section 77(19)  
of the Mining Act R.S.O. 1980 on Mining Claims PA 815754 et al in the Area  
Six Mile Lake

The enclosed statement of assessment work credits for assaying samples has been  
approved as of the above date.

Please inform the recorded holder of these mining claims and so indicate on your  
records.

Yours sincerely,

W.R. Cowan  
Provincial Manager, Mining Lands  
Mines & Minerals Division

AB:nm  
Enclosure (2)

cc: Resident Geologist  
Sioux Lookout, Ontario

Primrose Gold Resources Inc.  
500 - 67 Richmond St. West  
Toronto, Ontario  
M5H 1Z5

J. W. Redden  
Box 117  
Wabigoon, Ontario  
POV 2W0



Recorded Holder	Primrose Gold Resources Inc.
Township or Area	Six Mile Lake

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
<b>Geophysical</b> Electromagnetic _____ days Magnetometer _____ days Radiometric _____ days Induced polarization _____ days Other _____ days Section 77 (19) See "Mining Claims Assessed" column Geological _____ days Geochemical _____ days Man days <input type="checkbox"/> Airborne <input type="checkbox"/> Special provision <input type="checkbox"/> Ground <input checked="" type="checkbox"/> <input type="checkbox"/> Credits have been reduced because of partial coverage of claims. <input type="checkbox"/> Credits have been reduced because of corrections to work dates and figures of applicant.	<p>\$9,407.85 SPENT ON OVERBURDEN DRILLING AND ASSAYING SAMPLES TAKEN FROM MINING CLAIMS:</p> <p>PA 815754 704623</p> <p>627 DAYS CREDIT ALLOWED WHICH MAY BE GROUPED IN ACCORDANCE WITH SECTION 76(6) OF THE MINING ACT R.S.O. 1980.</p>

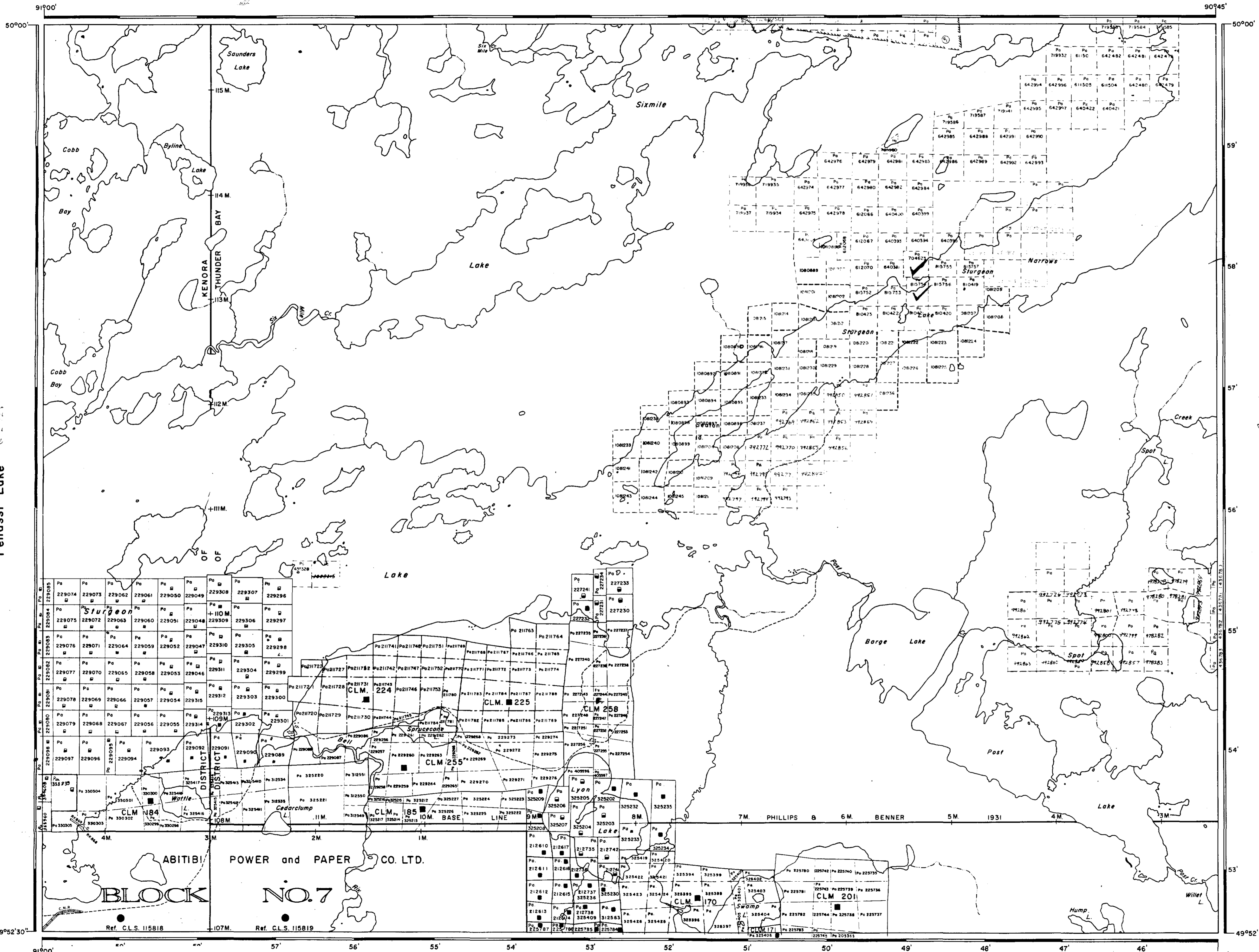
Special credits under section 77 (16) for the following mining claims

No credits have been allowed for the following mining claims

not sufficiently covered by the survey       insufficient technical data filed

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.

Fourbay Lake G-2543



LEGEND

- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES:
  - TOWNSHIPS, BASE LINES, ETC.
  - LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES:
  - LOT LINES
  - PARCEL BOUNDARY
  - MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION OR COMPOSITE PLAN
- RESERVATIONS
- ORIGINAL SHORELINE
- MARSH OR MUSKEG
- MINES
- TRAVERSE MONUMENT

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	●
" SURFACE RIGHTS ONLY	○
" MINING RIGHTS ONLY	◐
LEASE, SURFACE & MINING RIGHTS	■
" SURFACE RIGHTS ONLY	□
" MINING RIGHTS ONLY	◑
LICENCE OF OCCUPATION	◔
ORDER-IN-COUNCIL	◕
RESERVATION	◖
CANCELLED	◗
SAND & GRAVEL	◘

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1913, VESTED IN ORIGINAL PATENTEES BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 320, SEC. 83, SUBSEC. 1.

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

- M.R.O. - MINING RIGHTS ONLY
- S.R.O. - SURFACE RIGHTS ONLY
- M.+S. - MINING AND SURFACE RIGHTS

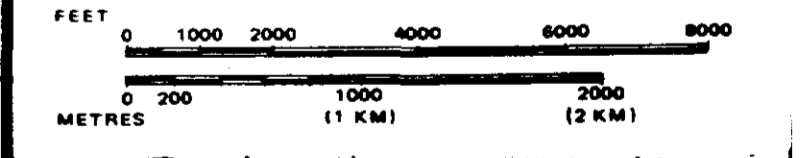
Description	Order No.	Date	Disposition	File

SAND AND GRAVEL

GRAVEL	FILE NO.
◐	181172

July 16/85 (rcin) Mar 10/87  
 Apr 16/87  
 Sept 23/85 Apr 3/86  
 Apr 28/87  
 AS 07 0

SCALE: 1 INCH = 40 CHAINS



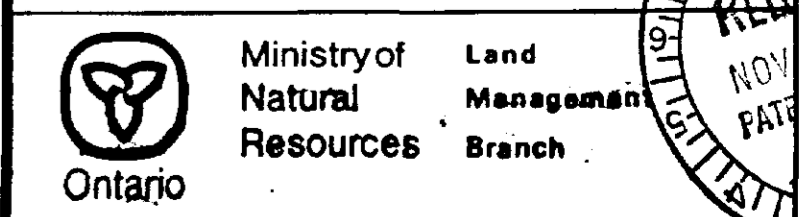
AREA

SIXMILE LAKE

M.N.R. ADMINISTRATIVE DISTRICT  
 IGNACE

MINING DIVISION  
 PATRICIA

LAND TITLES / REGISTRY DIVISION  
 KENORA / THUNDER BAY



Date: FEBRUARY, 1984. Number: G-2561

498904