



52G15NW0002 2.12620 SIXMILE LAKE

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REPORT ON THE
WINTER 1988/89 WORK PROGRAMME
STURGEON NARROWS PROPERTY
SIX MILE LAKE AREA
PATRICIA MINING DIVISION
ONTARIO
FOR
PRIMROSE GOLD RESOURCES INC.

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JUL 20 1989

MINING LANDS SECTION



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INTRODUCTION

During the spring of 1988, Primrose Gold Resources Inc. optioned a group of 12 claims, known as the Sturgeon Narrows Property. The property has since been expanded to 32 claims. During the winter of 1988/89, magnetic, VLF and IP surveys were conducted and followed up with 1944' of diamond drilling. This report summarizes the results of the work.

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.

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 poor 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. Windfalls throughout the land portion of the property make traversing slow and difficult.

CLAIMS

The Sturgeon Narrows Property consists of thirty two claims, all 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	141	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	52	July 11/90
Pa 1052906	July 11/88	52	July 11/90
Pa 1052907	July 11/88	52	July 11/90
Pa 1052908	July 11/88	52	July 11/90
Pa 1052909	July 11/88	52	July 11/90
Pa 1052910	July 11/88	52	July 11/90
Pa 1052911	July 11/88	52	July 11/90
Pa 1052912	July 11/88	52	July 11/90
Pa 1052913	July 11/88	52	July 11/90
Pa 1052914	July 11/88	53	July 11/90
Pa 1052915	July 11/88	53	July 11/90
Pa 1052916	July 11/88	53	July 11/90
Pa 1054322	Mar 30/89	0	Mar 30/90
Pa 1054323	Mar 30/89	0	Mar 30/90
Pa 1054727	Jan 30/89	0	Jan 30/90
Pa 1054728	Mar 30/89	0	Mar 30/90
Pa 1054729	Mar 30/89	0	Mar 30/90
Pa 1054730	Mar 30/89	0	Mar 30/90
Pa 1054731	Mar 30/89	0	Mar 30/90
Pa 1054735	Mar 30/89	0	Mar 30/90

The work summarized in this report will be reported for assessment work credits. The expected status of the claims upon full acceptance of the work credits is given in Table 2.

Table 2

Claim Status Summary - All Credits Recorded

Claim No.	Recording Date	Assessment Days Filed	Good to
Pa 704623	Apr. 6/83	200	Nov. 7/89
Pa 815752	Sept. 18/84	200	Sept. 18/90
Pa 815753	Sept. 18/84	200	Sept. 18/90
Pa 815754	Sept. 18/84	200	Sept. 18/90
Pa 815755	Sept. 18/84	200	Sept. 18/90
Pa 815756	Sept. 18/84	200	Sept. 18/90
Pa 815757	Sept. 18/84	200	Sept. 18/90
Pa 810419	Dec. 4/84	200	Dec. 4/90
Pa 810420	Dec. 4/84	200	Dec. 4/90
Pa 810421	Dec. 4/84	200	Dec. 4/90
Pa 810422	Dec. 4/84	200	Dec. 4/90
Pa 810423	Dec. 4/84	200	Dec. 4/90
Pa 1052905	July 11/88	200	July 11/94
Pa 1052906	July 11/88	200	July 11/94
Pa 1052907	July 11/88	200	July 11/94
Pa 1052908	July 11/88	200	July 11/94
Pa 1052909	July 11/88	200	July 11/94
Pa 1052910	July 11/88	200	July 11/94
Pa 1052911	July 11/88	200	July 11/94
Pa 1052912	July 11/88	200	July 11/94
Pa 1052913	July 11/88	200	July 11/94
Pa 1052914	July 11/88	200	July 11/94
Pa 1052915	July 11/88	200	July 11/94
Pa 1052916	July 11/88	200	July 11/94
Pa 1054322	Mar 30/89	157	Mar 30/94
Pa 1054323	Mar 30/89	157	Mar 30/94
Pa 1054727	Jan 30/89	200	Jan 30/95
Pa 1054728	Mar 30/89	158	Mar 30/94
Pa 1054729	Mar 30/89	158	Mar 30/94
Pa 1054730	Mar 30/89	158	Mar 30/94
Pa 1054731	Mar 30/89	159	Mar 30/94
Pa 1054735	Mar 30/89	200	Mar 30/95

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 1988. An additional twelve claims were staked in July of 1988 and eight more were added in the early spring of 1989.

During 1988, Primrose carried out a stripping programme and preliminary evaluation of the property.

REGIONAL GEOLOGY

The property is underlain by an assemblage of metavolcanics, metasediments, alkalic intrusives and gabbro. The volcanics are predominantly mafic. The metasediments consist mainly of conglomerate. Minor siliceous bands are present within the conglomerate as are very local concentrations of magnetite within thin tuffaceous beds. 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. The intrusion of the alkalic complex is responsible for the extensive fenetization of the adjacent intruded rocks.

Feldspathic dykes cutting the metasediments on the claims are 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 and the adjacent claims.

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, only low, erratic gold values have been found in these shears.

Two potentially significant gold occurrences are known to exist within feldspathic dykes on the property. The larger is the gold showing on Pa 704623. This showing is located in the vicinity of 1+70W, 2+00N. This has been called the main showing, however for clarification it has been renamed as the Lundmark Showing.

The other showing is only known from drill holes. It was located by drilling in 1969. This occurrence is termed the Wahl Showing.

GEOPHYSICAL SURVEYS

Grid Layout

The geophysical grid was laid out with east-west baselines and north-south picket lines. From 9W to 4E, 2+50S to the north claim boundary, the picket lines were spaced at 50m. The remainder of the picket lines were at 100m intervals. Only 24 of the claims were gridded. The grid does not cover the last 8 claims to be acquired.

The land portion of the grid was cut during the late summer of 1988. An error occurred in the layout of the land grid due to a surveying error by the contractor in the location of the 7N baseline. This error was not apparent until the grid was put on the ice several months later.

The actual locations of the land and ice grids are shown on the accompanying maps.

Magnetic and VLF Surveys

These surveys were carried out during February and March of 1989 using an E.D.A. "Omni-Plus" unit. Due to the procedures used for assigning assessment work credits for geophysical surveys, it was necessary to specify that the picket lines be walked 3 times (once for each survey).

All lines were read at 12.5m intervals. The 50m grid (9W to 4E, 2+50S to north boundary) was read at 6.25m intervals. The additional data did not add to the overall results and is not shown on the accompanying maps.

Magnetic Survey

The results and interpretation are shown on Fig. 5.

The sediments and syenite dykes give similar magnetic responses except where the magnetite-bearing tuffs raise the magnetic values to extremes. Magnetite is formed during fenetization and also contributes to the higher magnetics for the sediments which are variably fenetized.

The volcanics are characterized by erratic magnetic values. This is due to variable shearing and alteration. This is apparent from the outcrop along the shore and from the VLF responses.

The high magnetic values in the vicinity of 11E, 5+25N represents a distinct anomaly within mafic volcanics. The cause is unknown. A shear zone exposed on the shore nearby contains pyrite cubes with 1200ppm arsenic.

VLF Surveys

Numerous anomalies were discovered by the VLF surveys. Most appear to be due to causes other than sulphide-bearing shears.

Anomalies

Anomaly A lies in a swampy area in the vicinity of a spring. It is not considered significant.

Anomaly B has moderate magnetic and IP response (chargeability and resistivity). It is considered a graphitic shear with sulphides.

Anomaly C is due to weak shearing along a stratigraphic boundary.

Anomalies (cont'd)

Anomaly D occupies a linear topographic low. Slightly higher magnetics suggest a shear with minor sulphides.

Anomaly E is a shear with alteration.

Anomaly F is a weak shear.

Anomaly G appears to be a right hand fault striking northwesterly. A fault is proposed because the volcanics exposed at 11E 5+25N were not intersected in hole 89-3.

Anomaly H has a low IP (chargeability and resistivity). It is considered a graphitic shear.

Anomaly I has a very low IP chargeability and a low IP resistivity. The anomaly is elliptical in outline. It is considered to represent a combination of a topographical low and clay/silt within the bedrock surface.

Anomaly J follows a topographical low. It is likely a shear, perhaps with minor sulphides. There is also the possibility that the anomaly is a fault. Sediments appear to be further north to the east of the anomaly than to the west. If a fault is the cause then Anomaly M could be the southeastward extension.

Anomaly K is a combination of shearing and a probable topographic effect. The IP indicates sulphides are not present.

Anomaly L is a combination of strong shearing and a probable topographic effect. The IP indicates sulphides are not present in quantity. This shear is likely associated with carbonate zones exposed on the peninsula immediately to the north. Low, very erratic gold values have been found in some of the carbonate zones.

Anomaly M is a shear or fault as noted under Anomaly J. The IP indicates sulphides are not present.

Anomaly N is a combination of weak shearing and a probable topographic effect.

Anomaly O is a combination of weak shearing and a probable topographic effect.

Anomalies (cont'd)

Anomaly P is also due to a combination of weak shearing and a probable topographic effect.

Anomaly Q was only picked up on the 24.0 survey. A distinct topographic low extends north northeasterly from the shore along strike of the conductor. The source is considered to be due to shearing.

Anomaly R was only located on the 21.4 survey. It is likely due to a combination of topography and possible shearing.

Anomaly S has the same source as Anomaly R.

Anomaly T is likely due to a fault. The magnetics suggest an offset in the volcanic/sediment contact.

Anomaly U is a strong sulphide and graphite conductor. See IP Anomaly Y for details.

IP Survey

The IP survey was carried out by personnel from Exsics Geophysics of Timmins. Due to the lack of IP response over the main showing and other considerations, it was decided to survey only every third line on the claims.

Anomalies

Anomaly V has a low IP resistivity and a high IP chargeability. It was expected to contain sulphides. Hole 89-2, drilled across this anomaly failed to find a source for the anomaly.

Anomaly W has a strong IP chargeability and a moderate IP resistivity. It was expected to contain sulphides and was confirmed by drilling. See hole 89-3 for details.

Anomaly X has a low IP resistivity and a moderate IP chargeability. These characteristics and the coincidence of VLF Anomaly B indicate a graphitic shear with sulphides.

Anomaly Y has a low IP resistivity and a strong IP chargeability. This zone was drilled by Selco in 1970 and was found to be due to pyrite in graphitic shales.

Anomalies (cont'd)

Anomaly Z has a moderate IP (chargeability and resistivity) response. More detailed work failed to confirm the presence of an anomaly.

Diamond Drilling

The drill holes are summarized in Table 3.

The drill logs are included as Appendix I.

Table 3

Diamond Drill Hole Summary

Hole No.	Collar	Azimuth	Dip	Length
89-1	0+00E, 3+00N	000	-45	297'
89-2	2+50W, 5+37S	180	-45	477'
89-3	8+00E, 4+50N	000	-45	485'
89-4	5+00E, 1+37N	000	-45	377'
89-5	1+68W, 1+98N	-	-90	67'
89-6	1+68W, 1+98N	134	-60	117'
89-7	1+72W, 2+12N	142	-42	105'

A total of 1944' of drilling was carried out in 7 holes. The drilling was carried out under contract by Canwest Drilling of Thunder Bay, Ont.

Hole 89-1

W. G. Wahi Ltd. intersected gold in two holes drilled in 1969. Hole 89-3 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 89-4 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.

The precise collar location of the Wahl holes was not found, however the original claim corner was found and the distance to the collar was measured out. Hole 89-1 was collared to intersect this syenite dyke.

Hole 89-1 failed to intersect the syenite dyke. Extensive silicification and pyritization was present in the core, however the highest gold value was 228ppb.

Hole 89-2

This hole was drilled to intersect IP Anomaly V. The hole failed to intersect the source of the anomaly.

Hole 89-3

This hole was drilled to intersect IP Anomaly W. The source of the anomaly is a sequence of graphitic shales containing 5-15% pyrite. The anomaly is offset 25-50m to the north of the actual intersection. The VLF surveys did not pick up the graphite as a conductor. The highest assay in the graphitic material was 136 ppb Au. Lower in the hole 119' of syenite was intersected. Most of the syenite was massive. Assays to 391ppb Au (0.011 opt) were obtained from the syenite where it has been fractured and cemented with quartz stringers.

Hole 89-4

This hole intersected several syenite dykes within fenitized tuffs and sediments. Best assay was 33ppb Au.

Hole 89-5

This hole was collared on the Lundmark showing and drilled vertically. The hole cut barren footwall material at a depth of 21'. The mineralized zone is thus dipping to the south. Best assay was 795ppb Au (0.023 opt) over 2'. The character of the mineralization is similar to the surface showing.

Hole 89-6

This hole was collared at the same location as 89-5 but with a dip of -60 degrees to the south. Typical strong mineralization was present to a depth of 50'. Only occasional narrow zones of mineralization were present below that depth to the bottom of the hole at 117'. The best assay was 1556ppb Au (0.045 opt) over 2'.

Hole 89-7

This hole was collared immediately north of the Lundmark showing and angled to the south at -42 degrees to cross the showing. Weak mineralization was intersected and values were low (maximum of 573ppb Au (0.017 opt)).

Discussion of Results

The only encouraging gold values in any of the holes were obtained from syenite containing pyrite and quartz stringers. It appears that the syenite is the only host for gold enrichment.

All holes except 89-1 intersected syenite. This suggests that the sediments are the preferential host for the syenite. Quartz veins and stringers in the sediments were essentially barren.

Hole 89-1 was terminated at the north claim boundary of the claim group. Based on all available data the Wahl showing must be located further to the north, how far north is unknown. The north claim line has since been extended approximately 70' further to the north to close a fraction.

The lack of an identifiable source for IP Anomaly V in Hole 89-2 is attributed to a spurious IP anomaly rather than a miss by the drill hole.

CONCLUSIONS

1. The Lundmark showing is a very localized area of erratic gold mineralization.
2. The exact location of the Wahl showing is unknown. It is most likely located a short but unknown distance north of 0+00E, 3+60N.
3. Hole 89-3 intersected anomalous gold values within a thick syenite dyke. Further exploration along this dyke may result in the discovery of higher values and significant tonnage. The presence of faulting and/or folding and the anomalous Au values within this area warrants additional work when the gold price is higher.
4. Geophysical methods do not uniquely identify the gold-bearing structures. The magnetic response of the syenites is somewhat lower than that of the other rock types in the area. The difference is often lost due to the 'averaging effect' of total magnetic field readings. It is possible that a vertical field magnetic survey would more accurately define the areas underlain by syenite than the total field magnetic survey. As noted above syenite is common in the area and identification of the syenite still does not narrow down the targets sufficiently to define reasonable drill targets.
5. Several VLF conductors within the volcanics extend back from the shore. A few of these are interpreted to contain sulphides. Humus geochemical techniques accurately defined the Lundmark showing. A humus geochemical survey may provide a means to evaluate the significance of the VLF conductors on land.
6. It is hypothesized that the gold-bearing solutions deposited the gold following brittle fracture of the syenites during regional tectonism. The syenites fractured creating permeability, whereas the sediments and volcanics sheared and did not provide permeability for mineralization.

The Lundmark showing is an area of brecciation with carbonatization, silicification and pyritization. This brecciation is spatially related to the folding apparent from the trace of VLF Anomaly U north of the showing.

The mineralization in 89-3 also appears to be related to adjacent folding and faulting outlined by the VLF and magnetic surveys.

This suggests that syenite, adjacent to areas of folding or faulting, are the prime targets for gold exploration.

RECOMMENDATIONS

A

1. A limited further evaluation of the claim group be undertaken. The programme would consist of the following:

- a. examination of the land portion of the claim block with particular emphasis on the newer claims
- b. collection of humus samples across the strike of VLF conductors and collection of rock samples where appropriate, analyze for Au. Anomalies B, D, E, G, J, L, Q, T and X are of particular interest.
- c. reconnaissance VLF where warranted

B

1. Additional work will be recommended if positive results are obtained from 1. above.
2. Though of potential interest when the price of gold increases, known gold occurrences on the property at the moment are not sufficiently encouraging to warrant additional exploration at this time.
3. Should the price of gold rise, the claims adjoining to the north and northeast of Pa 704623 should be acquired to ensure inclusion of the Wahl showing.

C

If 1. above does not return encouraging results, the option should be terminated and the claims returned to the vendors.

PROPOSED EXPLORATION PROGRAMME

Evaluation, humus geochemical sampling and analyses, VLF, etc.	all inclusive	\$5000.00
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APPENDIX I

DIAMOND DRILL HOLE LOGS
PRIMROSE GOLD RESOURCES INC.
STURGEON NARROWS PROPERTY
WINTER 1988/89 PROGRAMME

PRIMROSE GOLD RESOURCES INC.
 STURGEON NARROWS PROPERTY
 DIAMOND DRILL LOG

HOLE NO.: 89-1

LOCATION: 0+00E, 3+00N

CORE: BG

AZIMUTH: 000

DIP: -45

FOOTAGE	DESCRIPTION	ppb Au
0 - 5	water	
5 - 83	overburden, boulders and sand	
83 - 125.3	pebble conglomerate, green mafic/intermediate tuffaceous matrix supporting well-rounded felsic pebbles to 3", most < 1/2" massive, occasional joints at 20 and 45 degrees to core axis contains 2-5% pyrite as rounded aggregates and streaks weathering on joints to 125'	
	SAMPLE 83 -84', 5% pyrite as aggreg. & streaks	16
	SAMPLE 124.7 - 126', 3% pyrite, dissem. & cubes	5
125.3 - 126	mafic tuff, green	
126 - 127	pebble conglomerate, as above	
127 - 130.2	mafic tuff, silicified contact at 45 degrees to core axis several barren white qtz and carb stringers overall 1% pyrite	
130.2 - 152.5	pebble conglomerate, as above slight increase in portion of mafic pebbles	
	SAMPLE 130 -133', 3% pyrite as cubes & streaks	6
152.5 - 161.5	contact zone decrease in pebble content with corresponding increase in tuff content tuff is silicified, originally mafic/intermediate	
161.5 - 273.4	mafic tuff variably silicified, brecciated and pyritized	
	SAMPLE 164 - 167', 30% silic, 5% pyrite	22
	SAMPLE 167 - 169.5', 60% silic, 7% pyrite	22

J. W. Redden - Geologist

PRIMROSE GOLD RESOURCES INC.
 STURGEON NARROWS PROPERTY
 DIAMOND DRILL LOG

HOLE NO.: 89-1

LOCATION: 0+00E, 3+00N

AZIMUTH: 000

DIP: -45

FOOTAGE	DESCRIPTION	ppb Au
SAMPLE 169.5 - 172',	70% silic. 7% pyrite	11
SAMPLE 172 - 174.5',	60% " 7% "	2
SAMPLE 174.5 - 177',	70% " 5% "	3
SAMPLE 177 - 179.2',	90% " 7% "	9
SAMPLE 179.2 - 181.4',	90% " 5% "	40
SAMPLE 181.4 - 183.1',	90% " 4% "	2
SAMPLE 183.1 - 185',	10% " 3% "	3
SAMPLE 185 - 187',	15% " 7% "	4
SAMPLE 187 - 189',	15% " 5% "	2
SAMPLE 189 - 191',	50% " 3% "	2
SAMPLE 191 - 193',	15% " 2% "	3
SAMPLE 193 - 195',	70% " 10% "	52
SAMPLE 195 - 197',	80% " 12% "	39
SAMPLE 197 - 198',	80% " 10% "	87
SAMPLE 198 - 200',	10% " 6% "	31
SAMPLE 200 - 202',	90% " 14% "	75
SAMPLE 202 - 203',	95% " 15% "	68
SAMPLE 203 - 205',	25% " 7% "	113
SAMPLE 205 - 207',	60% " 7% "	53
SAMPLE 207 - 209',	5% " 5% "	2
SAMPLE 209 - 211',	5% " 5% "	3
SAMPLE 211 - 213',	5% " 3% "	5

J. W. Redden - Geologist

PRIMROSE GOLD RESOURCES INC.
STURGEON NARROWS PROPERTY
DIAMOND DRILL LOG

HOLE NO.: 89-1

LOCATION: 0+00E, 3+00N

AZIMUTH: 000

DIP: -45

FOOTAGE	DESCRIPTION	ppb Au
SAMPLE 213 - 215'	5% silic. 3% pyrite	1
SAMPLE 215 - 217'	5% " 3% "	2
SAMPLE 217 - 219'	5% " 5% "	17
SAMPLE 219 - 221'	5% " 5% "	9
SAMPLE 221 - 223'	5% " 5% "	11
SAMPLE 223 - 225'	5% " 7% "	21
SAMPLE 225 - 227'	5% " 5% "	10
SAMPLE 227 - 229'	5% " 5% "	20
SAMPLE 229 - 230.7'	5% " 5% "	169
SAMPLE 230.7 - 231.2'	95% " 10% "	128
SAMPLE 231.2 - 233'	70% " 5% "	21
SAMPLE 233 - 235'	60% " 5% "	18
SAMPLE 235 - 237'	60% " 5% "	12
SAMPLE 237 - 238.4'	10% " 3% "	17
SAMPLE 238.4 - 240'	40% " 5% "	12
SAMPLE 240 - 241.4'	40% " 4% " qs	17
SAMPLE 241.4 - 243'	70% " 5% " qs	228
SAMPLE 243 - 245'	30% " 4% " qs	148
SAMPLE 245 - 247'	10% " 3% "	13
SAMPLE 247 - 249'	10% " 5% "	10
SAMPLE 249 - 251'	5% " 1% "	6
SAMPLE 251 - 253'	5% " 1% "	6

J. W. Redden - Geologist

PRIMROSE GOLD RESOURCES INC.
STURGEON NARROWS PROPERTY
DIAMOND DRILL LOG

HOLE NO.: 89-1

LOCATION: 0+00E, 3+00N

AZIMUTH: 000

DIP: -45

FOOTAGE	DESCRIPTION	ppb Au
SAMPLE 253 - 255'	0% silic. 1% pyrite	5
SAMPLE 255 - 257'	0% " 1% "	6
SAMPLE 257 - 259'	5% " 3% "	147
SAMPLE 259 - 261'	0% " 1% "	11
SAMPLE 261 - 263'	0% " 2% "	<5
SAMPLE 263 - 265'	0% " 1% "	<5
SAMPLE 265 - 267'	0% " 3% "	<5
SAMPLE 267 - 269'	0% " 1% "	<5
SAMPLE 269 - 271'	0% " 3% "	<5
SAMPLE 271 - 273'	0% " 2% "	7
SAMPLE 273 - 275'	0% " tr "	<5
273.4 - 297	intermediate tuff, pale green occasional barren qtz stringers trace pyrite some mafic fragments form 294 - 297'	

END OF HOLE AT 297'

J. W. Redden - Geologist

PRIMROSE GOLD RESOURCES INC.
 STURGEON NARROWS PROPERTY
 DIAMOND DRILL LOG

HOLE NO.: 89-2 LOCATION: 2+50W, 5+37S CORE: B0
 AZIMUTH: 180 DIP: -45

FOOTAGE	DESCRIPTION	ppb Au
0 - 42	water	
42 - 110	overburden	
110 - 139.2	pebble conglomerate, green, mafic matrix predominantly mafic clasts, lesser intermediate and felsic clasts, all well rounded occasional trace of pyrite	
139.2 - 145.3	siliceous clastic sediment, grey few irregular qs	
145.3 - 190.9	pebble conglomerate, typical	
190.9 - 194.4	syenite and fenetized conglomerate 3 - 8% dissem. pyrite minor qs with purple fluorite	
	SAMPLE 190.9 - 192',	001 10
	SAMPLE 192 - 193',	002 27
	SAMPLE 193 - 194.4',	003 41
194.4 - 210	pebble conglomerate, typical	
210 - 217.1	tuff, fenetized	
	SAMPLE 212.5 - 213.4', 5% carb str w <1% cp, 1% py	7
	SAMPLE 213.4 - 215', 40% fenetized, 1% py	16
	SAMPLE 215 - 217', 50% fenetized, 1% py	12
217.1 - 218.9	conglomerate, typical	
	SAMPLE 217 - 219', 2 - 3% py	15
218.9 - 227.3	tuff, fenetized minor conglomerate and grit	
	SAMPLE 219 - 221', 30% fenetized, 2% py	6

J. W. Redden - Geologist

PRIMROSE GOLD RESOURCES INC.
 STURGEON NARROWS PROPERTY
 DIAMOND DRILL LOG

HOLE NO.: 89-2 LOCATION: 2+50W, 5+37S

AZIMUTH: 180 DIP: -45

FOOTAGE	DESCRIPTION	ppb Au
227.3 - 235.4	syenite rusty, broken core 231 - 232'	
235.4 - 237.3	conglomerate, fenetized	
	SAMPLE 235.4 - 237.3', 3% py	20
237.3 - 265.5	conglomerate, typical	
265.5 - 273.7	syenite, dark grey red 5% irreg. carb. veinlets, <<1% py	
273.7 - 354.4	conglomerate, typical at 322" is a 2" amygdaloidal flow	
354.4 - 358.4	syenite, dark red 1 - 2% py	
	SAMPLE 354.4 - 357',	5
	SAMPLE 357 - 358.4',	5
358.4 - 362.5	tuff, fenetized	
362.5 - 379.4	conglomerate	
379.4 - 385.4	syenite minor carb. veinlets	
	SAMPLE 381.8 - 383', minor py and cp?	8
	SAMPLE 384.8 - 385.4', 3% py in cubes to 1/4"	10
385.4 - 408.8	conglomerate	
408.8 - 409.6	fenetized	
	SAMPLE 408.8 - 409.6', 2 - 3% py	14
409.6 - 422	syenite, red trace of pyrite	
	SAMPLE 409.6 - 411', 1 - 2% py	13

J. W. Redden - Geologist

PRIMROSE GOLD RESOURCES INC.
 STURGEON NARROWS PROPERTY
 DIAMOND DRILL LOG

HOLE NO.: 89-2 LOCATION: 2+50W, 5+37S
 AZIMUTH: 180 DIP: -45

FOOTAGE	DESCRIPTION	ppb Au
422 - 425	fenetized	
425 - 427	conglomerate	
427 - 432	grit, fenetized	
	SAMPLE 427.3 - 428', 5% py	26
	SAMPLE 430 - 430.8', 5% py	18
432 - 440	syenite, brown-red	
	SAMPLE 435 - 437', 3% py	16
440 - 444	syenite, grey	
	SAMPLE 442 - 444', 2% fine pyrite	16
444 - 446	conglomerate, fenetized	
446 - 462	conglomerate, typical	
	SAMPLE 445.3 - 446.2', 10% pyrite	21
462 - 463.6	conglomerate, slightly fenetized	
463.6 - 465.5	conglomerate, strongly fenetized	
465.5 - 477	syenite, medium red vuggy qs at 0 - 20 degrees to core axis with up to 1% pyrite	
	SAMPLE 467 - 469', <1% py	7
	SAMPLE 475 - 477', <1% py	10

END OF HOLE AT 477'

PRIMROSE GOLD RESOURCES INC.
 STURGEON NARROWS PROPERTY
 DIAMOND DRILL LOG

HOLE NO.: 89-3 LOCATION: 8+00E, 4+50N CORE: B0
 AZIMUTH: 000 DIP: -45

FOOTAGE	DESCRIPTION	ppb Au
0 - 30	water	
30 - 82	overburden	
82 - 92.4	tuffaceous grit, grey contains clear qtz grains, occasional pebbles	
92.4 - 102.7	pebble conglomerate, grey felsic pebbles in mafic tuff	
102.7 - 104.3	mafic tuff, grey	
104.3 - 133.5	conglomerate, grey mafic and intermediate pebbles plus cobbles in a mafic tuff matrix 1/8" mud seam (gouge ?) at 113.7' parallel to bedding	
133.5 - 134.2	pebble conglomerate, siliceous light grey with yellowish tinge	
134.2 - 135.5	mafic tuff, thin bedded to shaley minor pyrite	
	SAMPLE 134.3 - 135',	9
135.5 - 154.6	silicified conglomeratic tuff contains 3 - 10% pyrite	
	SAMPLE 135 - 137',	8
	SAMPLE 137 - 139',	13
	SAMPLE 139 - 141',	9
	SAMPLE 141 - 143',	6
	SAMPLE 149 - 151',	38
	SAMPLE 151 - 153',	136
	SAMPLE 153 - 155',	102

J. W. Redden - Geologist

PRIMROSE GOLD RESOURCES INC.
 STURGEON NARROWS PROPERTY
 DIAMOND DRILL LOG

HOLE NO.: 89-3 LOCATION: 8+00E, 4+50N

AZIMUTH: 000 DIP: -45

FOOTAGE	DESCRIPTION	ppb Au
154.6 - 163.5	tuff, thin bedded to shaley, dark grey 2% fine pyrite as streaks and dissemin.	
	SAMPLE 155 - 157',	8
	SAMPLE 157 - 159',	6
	SAMPLE 159 - 161',	6
	SAMPLE 161 - 163',	5
	SAMPLE 163 - 165', 084	
163.5 - 197	mafic tuff, moderate to strongly silicified qtz stringers, sericitic slips 3 - 5% pyrite	
	SAMPLE 169 - 171', 085	
	SAMPLE 182 - 184', 086	
197 - 209.3	mafic tuff, weak silicification <1% pyrite	
209.3 - 222.5	pebble conglomerate, pale green siliceous	
222.5 - 269.4	tuff, siliceous and mafic components light pale green and dark grey minor silicification, trace pyrite	
269.4 - 268.8	pebble conglomerate, siliceous	
268.8 - 286.5	tuff, as 222.5 - 269.4'	
	SAMPLE 284 - 286',	75

J. W. Redden - Geologist

PRIMROSE GOLD RESOURCES INC.
 STURGEON NARROWS PROPERTY
 DIAMOND DRILL LOG

HOLE NO.: 89-3 LOCATION: 8+00E, 4+50N

AZIMUTH: 000 DIP: -45

FOOTAGE	DESCRIPTION	ppb Au
286.5 - 305	shale, graphitic to 10% pyrite as streaks and aggregates several narrow siliceous bands 1" qv at 302' with dissem. pyrite	
	SAMPLE 287 - 289',	59
	SAMPLE 289 - 291',	60
	SAMPLE 291 - 293',	43
	SAMPLE 293 - 295',	36
	SAMPLE 295 - 297',	10
	SAMPLE 297 - 299',	14
	SAMPLE 299 - 301',	22
	SAMPLE 301 - 303',	28
	SAMPLE 303 - 305',	39
305 - 317	talcose schist foliated sub-parallel to core axis, -fold?	
	SAMPLE 305 - 307',	12
	SAMPLE 307 - 309',	13
	SAMPLE 309 - 311',	20
	SAMPLE 311 - 313',	36
	SAMPLE 313 - 315',	24
	SAMPLE 315 - 317',	25

J. W. Redden - Geologist

PRIMROSE GOLD RESOURCES INC.
 STURGEON NARROWS PROPERTY
 DIAMOND DRILL LOG

HOLE NO.: 89-3 LOCATION: 8+00E, 4+50N

AZIMUTH: 000 DIP: -45

FOOTAGE	DESCRIPTION	ppb Au
317 - 330.5	graphitic shale as 286.5 - 305 foliated sub-parallel to core axis, -fold?	
	SAMPLE 317 - 319',	26
	SAMPLE 319 - 321',	107
	SAMPLE 321 - 323',	126
	SAMPLE 323 - 325',	115
	SAMPLE 325 - 327',	113
	SAMPLE 327 - 329',	88
	SAMPLE 329 - 330.5',	19
330.5 - 338.4	tuff, intermediate pale yellow, sericitic minor pyrite	
	SAMPLE 335 - 337',	16
338.4 - 349	syenite, mottled brown/red and pale green contains adsorbed sericitic material from the tuff	
349 - 353.5	syenite, med. red/brown numerous white qs at 30 - 60 degrees to core axis 1% pyrite	
	SAMPLE 349 - 351',	262
	SAMPLE 351 - 353',	(0.011 opt) 391
353.5 - 367	syenite, green/grey, porphyritic phenocrysts are greenish and rounded sericitic slips 359 -362' <1% pyrite	

J. W. Redden - Geologist

PRIMROSE GOLD RESOURCES INC.
 STURGEON NARROWS PROPERTY
 DIAMOND DRILL LOG

HOLE NO.: 89-3 LOCATION: 8+00E, 4+50N

AZIMUTH: 000 DIP: -45

FOOTAGE	DESCRIPTION	ppb Au
367 - 392	syenite, grey, porphyritic <1% pyrite	
	SAMPLE 391 - 393',	123
392 - 399.5	syenite, reddish, porphyritic 1% pyrite	
399.5 - 416	syenite, grey, porphyritic <1% pyrite	
	SAMPLE 407 - 409',	66
416 - 424.5	syenite, brown/grey, porphyritic	
424.5 - 446	syenite, reddish, weakly porphyritic 1 - 2% pyrite, occasionally to 1/4" cubes	
	SAMPLE 427 - 429',	123
	SAMPLE 429 - 431',	202
	SAMPLE 431 - 433',	169
	SAMPLE 433 - 435',	93
	SAMPLE 435 - 437',	149
	SAMPLE 437 - 439',	96
	SAMPLE 439 - 441',	126
	SAMPLE 441 - 443',	262
	SAMPLE 443 - 445',	205
446 - 457	syenite, brown/grey, porphyritic <1% pyrite	
	SAMPLE 455 - 457',	30

J. W. Redden - Geologist

PRIMROSE GOLD RESOURCES INC.
STURGEON NARROWS PROPERTY
DIAMOND DRILL LOG

HOLE NO.: 89-3

LOCATION: 8+00E, 4+50N

AZIMUTH: 000

DIP: -45

FOOTAGE	DESCRIPTION	ppb Au
457 - 459	tuff, pale grey/green, siliceous <<1% pyrite	
459 - 485	tuff, mafic/intermediate, med. green minor silicification, <1% pyrite	

END OF HOLE AT 485'

PRIMROSE GOLD RESOURCES INC.
 STURGEON NARROWS PROPERTY
 DIAMOND DRILL LOG

HOLE NO.: 89-4 LOCATION: 5+00E, 1+37N CORE: BQ
 AZIMUTH: 000 DIP: -45

FOOTAGE	DESCRIPTION	ppb Au
0 - 35	water	
35 - 84.5	overburden	
84.5 - 96.2	conglomerate	
	SAMPLE 91.8 - 92.4', silic. <1% py	6
	SAMPLE 95.9 - 96.2', " 1/2% py	7
96.2 - 100	grit	
100 - 205	conglomerate	
	SAMPLE 100.1 - 101.2', silic. <1/2% py	7
	SAMPLE 105.2 - 106.8', " 3%	10
	SAMPLE 109 - 109.7', " 3%	27
	SAMPLE 127.8 - 129.4', " 1%	33
	SAMPLE 134.2 - 136', " 2%	21
205 - 208	grit	
208 - 227.4	conglomerate	
227.4 - 238	syenite, brown/red	
	SAMPLE 235 - 237', minor qs, silic. <1% py	13
238 - 247	syenite, grey/brown	
247 - 255.1	syenite, dull red/brown, weakly porphyritic	
	SAMPLE 249 - 251', minor qs, 1% py	15
	SAMPLE 252.5 - 254', sheared & silic. 1% py	10

J. W. Redden - Geologist

PRIMROSE GOLD RESOURCES INC.
STURGEON NARROWS PROPERTY
DIAMOND DRILL LOG

HOLE NO.: 89-4 LOCATION: 5+00E, 1+37N

AZIMUTH: 000 DIP: -45

FOOTAGE	DESCRIPTION	ppb Au
255.1 - 257.6	grit	
257.6 - 273	syenite	
	SAMPLE 258.4 - 259.3', sheared & silic. 1% py	26
273 - 274.3	fenetized	
274.3 - 275.7	grit, fenetized	
275.7 - 276.6	syenite	
276.6 - 310.7	grit, fenetized, grey grit, highly fenetized, black	
	SAMPLE 278 - 280', silic. 2% py	13
	SAMPLE 280 - 282', " 3%	11
	SAMPLE 285.5 - 287', " 1%	12
	SAMPLE 287 - 289', " 1%	13
	SAMPLE 300 - 301', " 2%	15
	SAMPLE 309.5 - 310.9', weak silic. 5% py	12
310.7 - 319.5	fenetized, grey	
319.5 - 333.1	mafic tuff, thin bedded	
	SAMPLE 319 - 321', mod. silic. 2% py	15
	SAMPLE 321 - 323', weak silic. 2% py	17
333.1 - 337	syenite, grey, fine grained	
337 - 344	syenite, fine grained, dull pink/grey 5% qs, trace pyrite	
	SAMPLE 338.5 - 339.5', silic. 2% py	10

J. W. Redden - Geologist

PRIMROSE GOLD RESOURCES INC.
 STURGEON NARROWS PROPERTY
 DIAMOND DRILL LOG

HOLE NO.: 89-4 LOCATION: 5+00E, 1+37N

AZIMUTH: 000 DIP: -45

FOOTAGE	DESCRIPTION	ppb Au
344 - 356.2	syenite, fine grained, dull pink	
	SAMPLE 351 - 354', minor qs, <1% py	17
	SAMPLE 354 - 356.2', 5% qs	10
356.2 - 367	conglomerate, minor silicification	
367 - 359	grit	
359 - 377	conglomerate	

END OF HOLE AT 377'

PRIMROSE GOLD RESOURCES INC.
 STURGEON NARROWS PROPERTY
 DIAMOND DRILL LOG

HOLE NO.: 89-5

LOCATION: 1+68W, 1+98N

CORE: BQ

AZIMUTH: -

DIP: vertical

FOOTAGE	DESCRIPTION	ppb Au
0 - 5.5	casing	
5.5 - 22.8	syenite, pale pink/grey 1 - 3% pyrite, dissem. & as cubes to 1/2" scattered qtz veins 1/8 - 1" at 70 - 80 degrees to core axis	
	SAMPLE 5.5 - 7',	60
	SAMPLE 7 - 9',	(0.023 opt) 795
	SAMPLE 9 - 11',	159
	SAMPLE 11 - 13',	(0.014 opt) 493
	SAMPLE 13 - 15',	126
	SAMPLE 15 - 17',	(0.017 opt) 586
	SAMPLE 17 - 19',	268
	SAMPLE 19 - 21',	53
22.8 - 26.7	altered zone, pale green white granular feldspar with 2 - 3% flecks of a bright green mineral. epidote?	
26.7 - 31	syenite, medium brown/red massive, no qs no pyrite	
31 - 67	mafic tuff, black numerous qs, most 70 - 80 degrees to core axis several qs at 10 - 30 degrees from core axis barren, no pyrite	
	SAMPLE 47 - 49',	33

END OF HOLE AT 67'

PRIMROSE GOLD RESOURCES INC.
STURGEON NARROWS PROPERTY
DIAMOND DRILL LOG

HOLE NO.: 89-6

LOCATION: 1+68W, 1+98N

CORE: BQ

AZIMUTH: 134

DIP: -60

FOOTAGE	DESCRIPTION	ppb Au
0 - 4	casing	
4 - 50	syenite, pale pink/grey numerous qs dissem. pyrite in and adjacent to qs in cubes to 1/2"	
	SAMPLE 4 - 7',	146
	SAMPLE 7 - 9',	86
	SAMPLE 9 - 11',	76
	SAMPLE 11 - 13',	457
	SAMPLE 13 - 15',	301
	SAMPLE 15 - 17', (0.011 opt)	371
	SAMPLE 17 - 19',	116
	SAMPLE 19 - 21',	63
	SAMPLE 21 - 23',	46
	SAMPLE 23 - 25',	166
	SAMPLE 25 - 27',	219
	SAMPLE 27 - 29',	225
	SAMPLE 29 - 31', (0.024 opt)	828
	SAMPLE 31 - 33', (0.045 opt)	1556
	SAMPLE 33 - 35',	295
	SAMPLE 35 - 37', (0.012 opt)	430
	SAMPLE 37 - 39',	70
	SAMPLE 39 - 41',	311
	SAMPLE 41 - 43',	288
	SAMPLE 43 - 45',	103
	SAMPLE 45 - 47', (0.031 opt)	1060
	SAMPLE 47 - 49',	172
	SAMPLE 49 - 51',	56
50 - 57.3	syenite, medium red/brown nil pyrite	
57.3 - 59.5	syenite, pale red a few qs with pyrite	
	SAMPLE 57 - 59.5',	96
59.5 - 62.4	syenite, medium red/brown nil pyrite	

J. W. Redden - Geologist

PRIMROSE GOLD RESOURCES INC.
 STURGEON NARROWS PROPERTY
 DIAMOND DRILL LOG

HOLE NO.: 89-6 LOCATION: 1+68W, 1+98N

AZIMUTH: 134 DIP: -60

FOOTAGE	DESCRIPTION	ppb Au
62.4 - 65.7	syenite, pale pink/brown qs at 60 - 80 degrees to core axis, one at 20 degrees dissem and cubes of pyrite in qs and adjacent to qs SAMPLE 62.4 - 65.7',	23
65.7 - 67.6	syenite as 59.5 - 62.4	
67.6 - 72.4	syenite, dark grey coarse grained nil pyrite	
72.4 - 73.6	syenite, pale pink/grey nil pyrite	
73.6 - 76.1	syenite, mottled dark grey and light red/pink nil pyrite	
76.1 - 88	syenite, red/brown minor qs	
88 - 105	syenite, grey to red/brown nil pyrite	
105 - 106.5	syenite, pale red minor qs dissem. pyrite in qs and wallrock SAMPLE 105 - 106.5',	(0.021 opt) 728
106.5 - 117	syenite, dark grey/red barren	

END OF HOLE AT 117'

PRIMROSE GOLD RESOURCES INC.
 STURGEON NARROWS PROPERTY
 DIAMOND DRILL LOG

HOLE NO.: 89-7 LOCATION: 1+72W, 2+12N CORE: BQ
 AZIMUTH: 142 DIP: -42

FOOTAGE	DESCRIPTION	ppb Au
0 - 5.5	casing	
5.5 - 12	sediment? black, siliceous, in part fenetized rusty due to weathering of carbonate	
	SAMPLE 5.5 - 8.5',	33
12 - 24.8	sediment, as above qs, nil pyrite, nil rust	
24.8 - 33	syenite, pale grey/buff qs with dissem. and cubes of pyrite	
	SAMPLE 25 - 27',	(0.014 opt) 483
	SAMPLE 27 - 29',	(0.017 opt) 573
	SAMPLE 29 - 31',	(0.014 opt) 497
	SAMPLE 31 - 33',	50
33 - 40	syenite, mottled pale grey/red barren	
	SAMPLE 33 - 35',	7
40 - 41.8	syenite, pale grey barren	
41.8 - 43.3	altered zone, pale green white granular feldspar with 2 - 3% flecks of a bright green mineral. epidote?	
43.3 - 47.5	syenite, pale grey	
47.5 - 55.6	syenite, medium red/brown includes 8" of coarse dark grey syenite at 50'	
	SAMPLE 55.5 - 57.5',	70
	SAMPLE 57.5 - 59.5',	96
55.6 - 68	syenite, mottled several qs with coarse pyrite	

J. W. Redden - Geologist

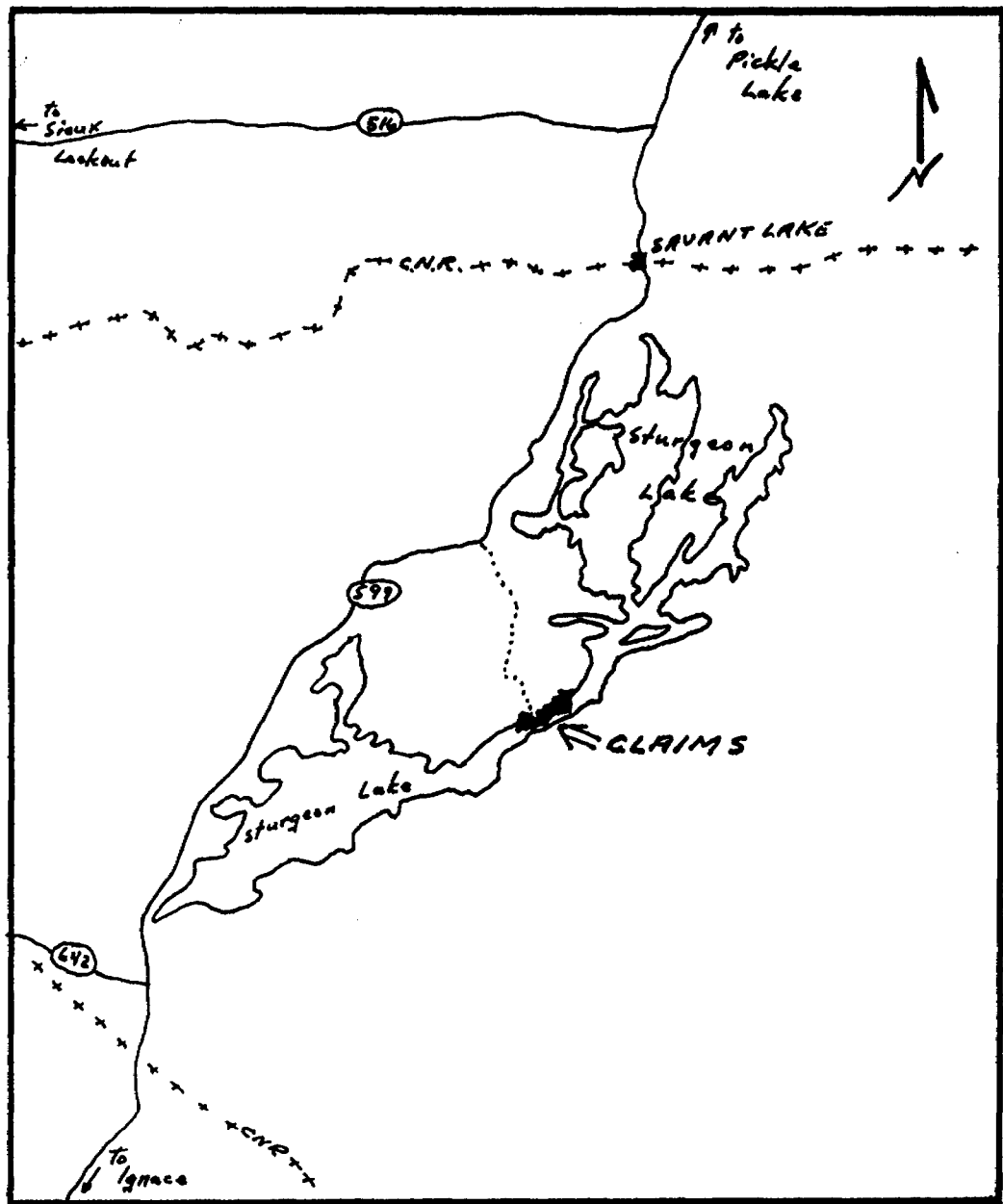
PRIMROSE GOLD RESOURCES INC.
 STURGEON NARROWS PROPERTY
 DIAMOND DRILL LOG

HOLE NO.: 89-7 LOCATION: 1+72W, 2+12N

AZIMUTH: 142 DIP: -42

FOOTAGE	DESCRIPTION	ppb Au
68 - 71.3	syenite, dark grey/red barren	
71.3 - 76.4	syenite, mottled light grey	
76.4 - 87.6	syenite, pale pink qs with pyrite	
	SAMPLE 77.5 - 79.5',	89
	SAMPLE 79.5 - 81.5',	26
	SAMPLE 85 - 87.5',	36
87.6 - 102.3	syenite, dark red/brown mixed with coarse grained dark grey syenite	
102.3 - 105	syenite, pale red/brown contains qs with pyrite	
	SAMPLE 102.5 - 105',	(0.014 opt) 483

END OF HOLE AT 105'



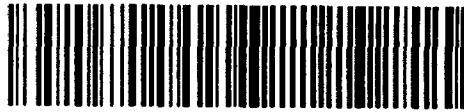
PRIMROSE GOLD RESOURCES INC.
 LOCATION MAP
 STURGEON NARROWS PROPERTY
 PATRICIA MINING DIVISION
 ONTARIO

scale 1:500000

Fig. 1



DOCL W8



52G15NW0002 2.12620 SIXMILE LAKE

900

Min. and Branch W8903-116 Minin

Type of Survey: **GEOPHYSICAL 2.12020 SIXMILE LAKE AREA**

Claim Holder(s): **PRIMROSE GOLD RESOURCES INC.** Prospector's Licence No. **75123**

Address: **STE 500-67 RICHMOND ST. W. TORONTO, ONT M5H-1Z5**

Survey Company: **J.W. REDDEN** Date of Survey (from & to): **25 01 89** Total Miles of line Cut: **31**
Day Mo. Yr. Day Mo. Yr.

Name and Address of Author (of Geo-Technical report): **J.W. REDDEN Box 117, WABIGOW, ONT. P0Y2W0**

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	40
	- Magnetometer	20
	- Radiometric	
	- Other YLF	20
For each additional survey: using the same grid: Enter 20 days (for each)	Geological	
	Geochemical	
	Geophysical	
	Geological	

Man Days	Geophysical	Days per Claim
Complete reverse side and enter total(s) here	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	

Airborne Credits	Geophysical	Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

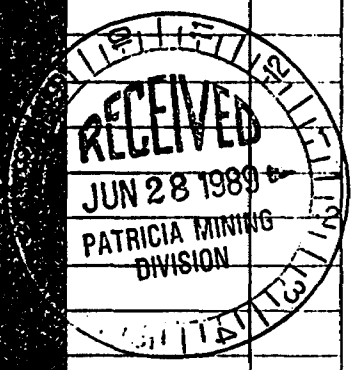
Mining Claims Traversed (List in numerical sequence)

Mining Claim		Expend. Days Cr.	Mining Claim		Expend. Days Cr.
Prefix	Number		Prefix	Number	
Pa	704623		Pa	1052916	
	810419			1054727	
	810420				
	810421				
	810422				
	810423				
	815752				
	815753				
	815754				
	815755				
	815756				
	815757				
	1052905				
	1052906				
	1052907				
	1052908				
	1052909				
	1052910				
	1052911				
	1052912				
	1052913				
	1052914				
	1052915				

RECEIVED

JUL 20 1989

MINING LANDS SECTION



Expenditures (excludes power stripping)

Type of Work Performed

Performed on Claim(s)

Calculation of Expenditure Days Credits

Total Expenditures \$ ÷ 15 = Total Days Credits

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.

Total number of mining claims covered by this report of work. **25**

Date **June 15/89** Recorded Holder or Agent (Signature) *J. W. Redden*

For Office Use Only

Total Days Cr. Recorded **2000** Date Recorded **June 28 1989** Mining Recorder *R. Myrka*

Date Approved or Recorded **See Reversal Statement!** Branch Director

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, WABIGOW, ONT. P0Y2W0

Date Certified **June 16/89** Certified by (Signature) *J. W. Redden*



Ontario

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

September 19, 1989

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

Telephone: (416) 965-4888

Your File: W8903-116
Our File: 2.12620

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

Dear Madam:

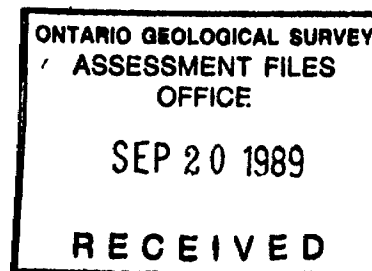
Re: Notice of Intent dated August 17, 1989 for Geophysical (Magnetometer,
Electromagnetic and VLF) Survey submitted on Mining Claims PA 704623
et al in Sixmile Lake Area.

The assessment work credits, as listed with the above-mentioned Notice of Intent,
have 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
RM
RM:eb
Enclosure



cc: Mr. G.H. Ferguson
Mining and Lands Commissioner
Toronto, Ontario

Resident Geologist
Sioux Lookout, Ontario

Primrose Gold Resources Inc.
500-67 Richmond Street W.
Toronto, Ontario
M5H 1Z5

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



Recorded Holder
PRIMROSE GOLD RESOURCES INC.

Township or Area
SIXMILE LAKE AREA.

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical Electromagnetic _____ 40 _____ days Magnetometer _____ 20 _____ days Radiometric _____ days Induced polarization _____ days Other <u>VLF</u> _____ 20 _____ days	PA 704623 810419 to 421 incl. 810423 815752 815754 to 757 incl. 1052905 to 916 incl. 1054727
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 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.	

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

40 days Electromagnetic
20 days Magnetometer
10 days VLF

PA 810422
 815753

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	OC
RESERVATION	⊙
CANCELLED	⊘
SAND & GRAVEL	⊚

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1912, VESTED IN ORIGINAL PATENTEES BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 63, 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

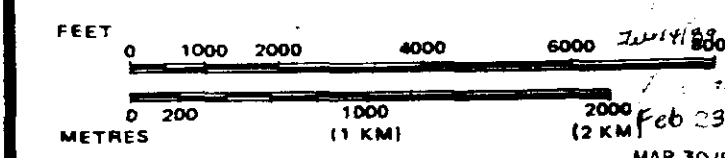
Description	Order No.	Date	Disposition	File
SAND AND GRAVEL				
⊚	GRAVEL	FILE NO 181172		

SAND AND GRAVEL

⊚	GRAVEL	FILE NO 181172
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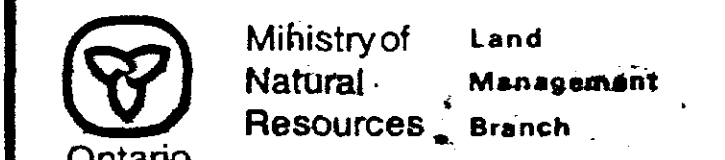
July 16/85 (re-in)
 Sept 23/85
 April 3, 1986
 Mar 16/87
 Apr 14/87
 Apr 28/87
 Feb 26/87
 MAR 30/89

SCALE: 1 INCH = 40 CHAINS



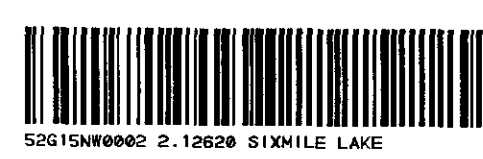
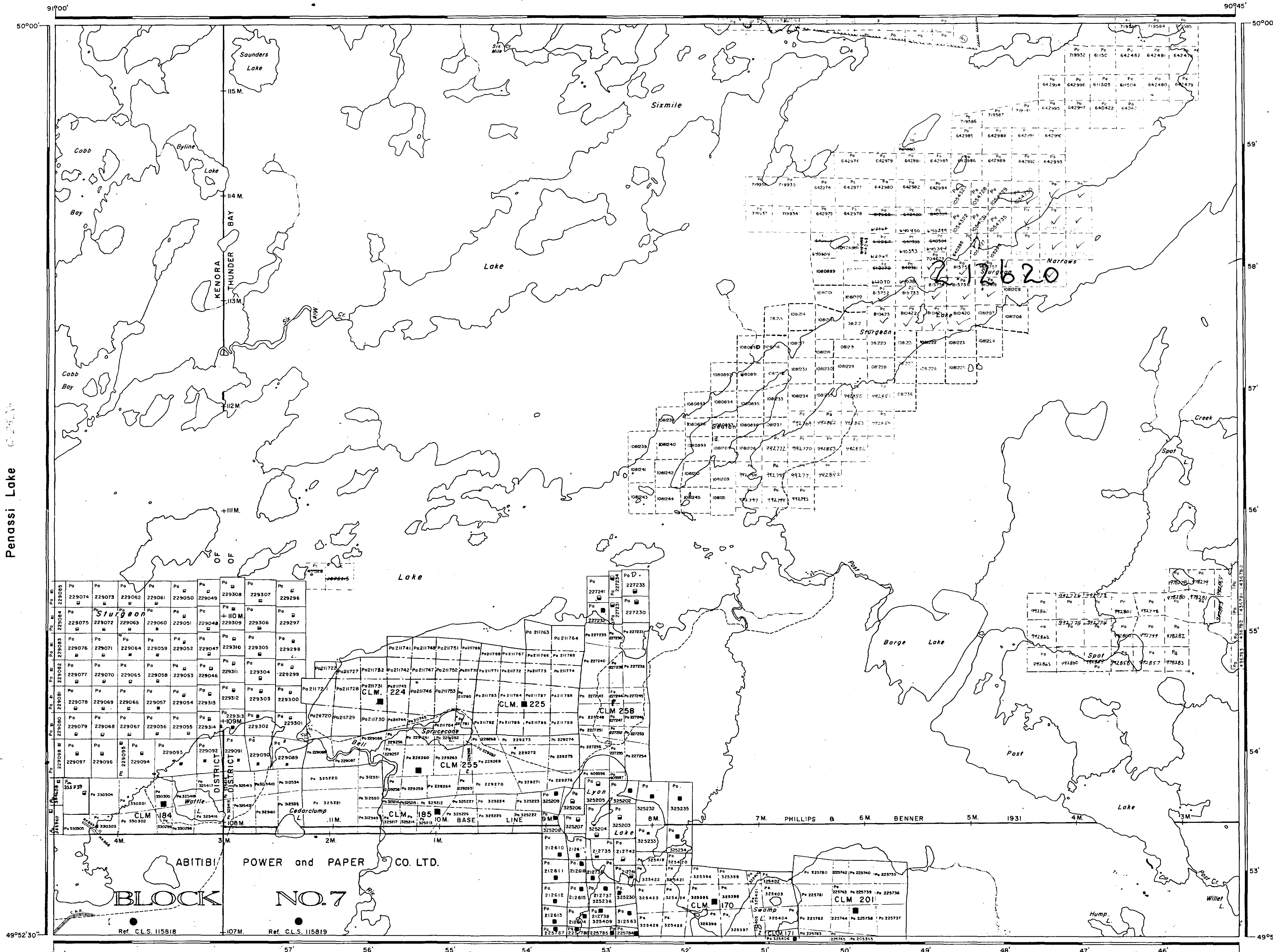
AREA

SIXMILE LAKE
 M.N.R. ADMINISTRATIVE DISTRICT
 IGNACE
 MINING DIVISION
 PATRICIA
 LAND TITLES / REGISTRY DIVISION
 KENORA / THUNDER BAY



Date FEBRUARY, 1984. Number

G-2561



52015N00002 2.12628 SIXMILE LAKE

200

498904



2.12.20

PRIMROSE GOLD RESOURCES INC.
 STURGEON NARROWS CLAIMS
 SIXMILE LAKE AREA
 ONTARIO
 scale 1:5000
 CLAIM NUMBERS

J.R. Radtke
 20/6/89
 Fig. 2





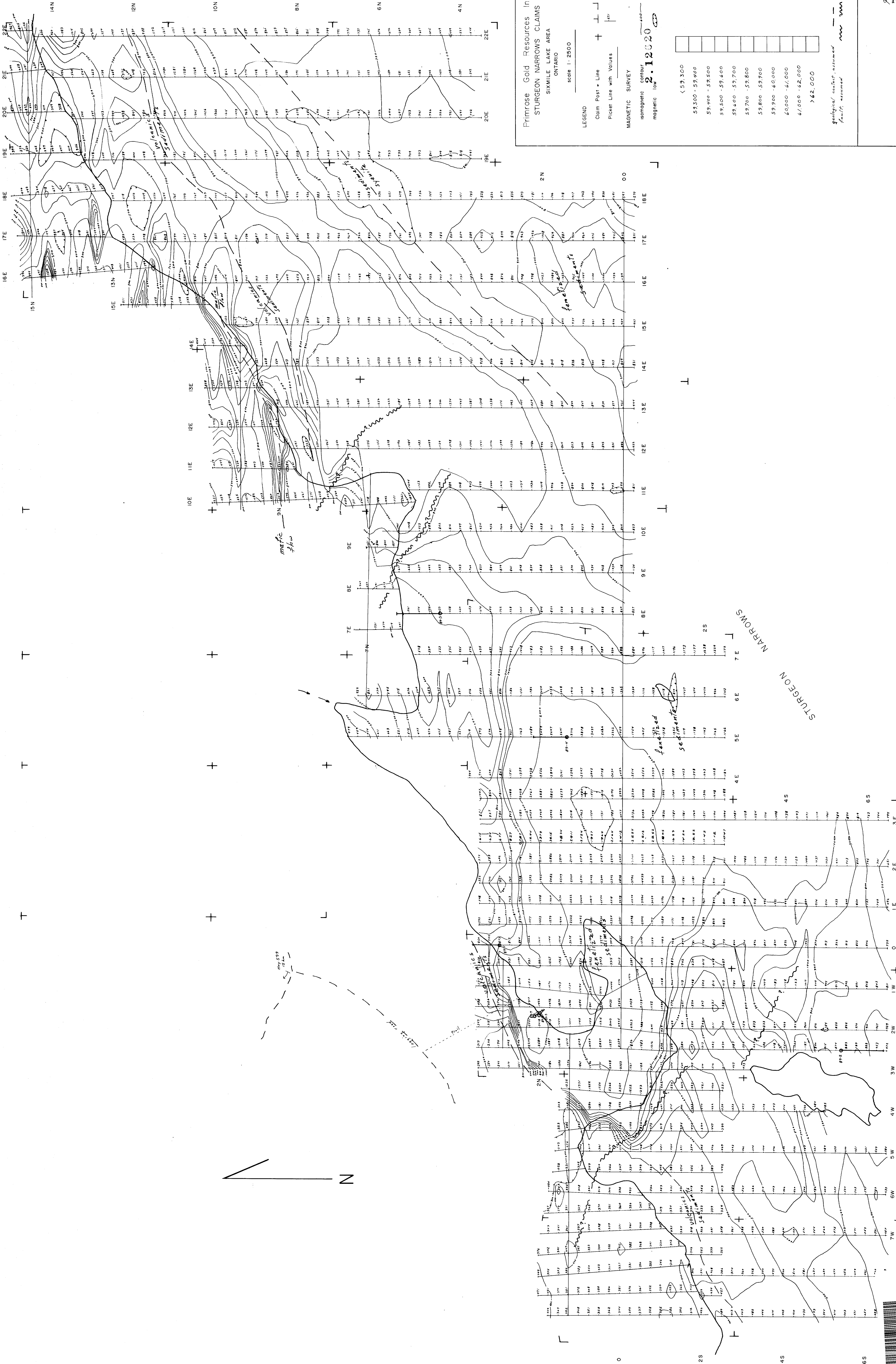
Primrose Gold Resources Inc.
 STURGEON NARROWS CLAIMS
 SIXMILE LAKE AREA
 ONTARIO
 scale 1:2500
 VLF SURVEY (21.4) 2.12.20

LEGEND
 Claim Post \perp
 Picket Line with Values \perp

in phase
 quadrature
 1/4
 3/4
 17.3

SWK
24/1/20





Primrose Gold Resources Inc.
 STURGEON NARROWS CLAIMS
 SIX MILE LAKE AREA
 ONTARIO

scale 1:2500

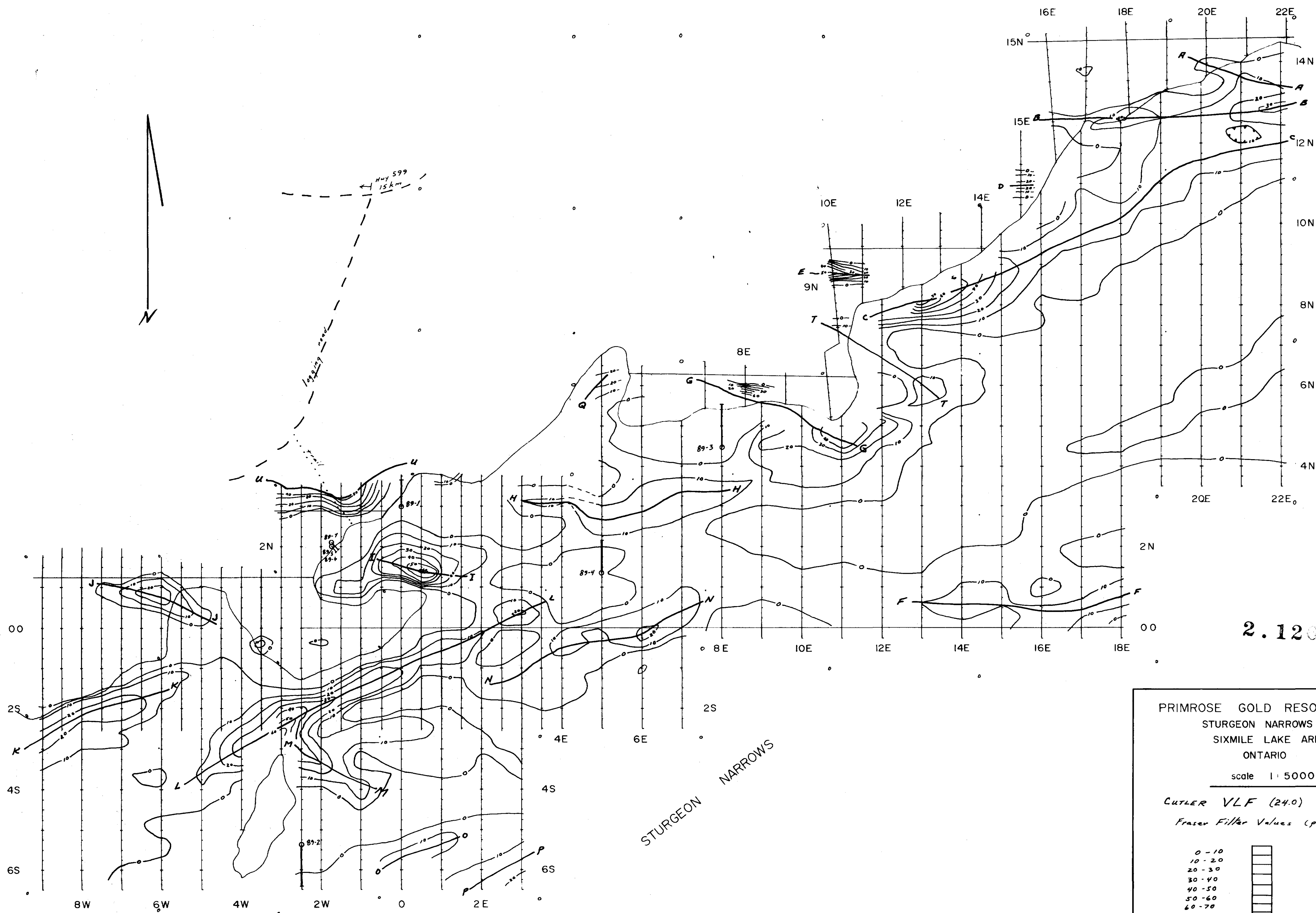
LEGEND
 Claim Post + Line
 Picket Line with Values

MAGNETIC SURVEY
 isomagnetic contour
 magnetic low 2.12520

< 59,300
59,300 - 59,400
59,400 - 59,500
59,500 - 59,600
59,600 - 59,700
59,700 - 59,800
59,800 - 59,900
59,900 - 60,000
60,000 - 61,000
61,000 - 62,000
> 62,000

geological contour assumed
 fault assumed

24/8/97



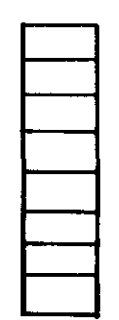
2.12020

PRIMROSE GOLD RESOURCES INC.
 STURGEON NARROWS CLAIMS
 SIXMILE LAKE AREA
 ONTARIO

scale 1:5000

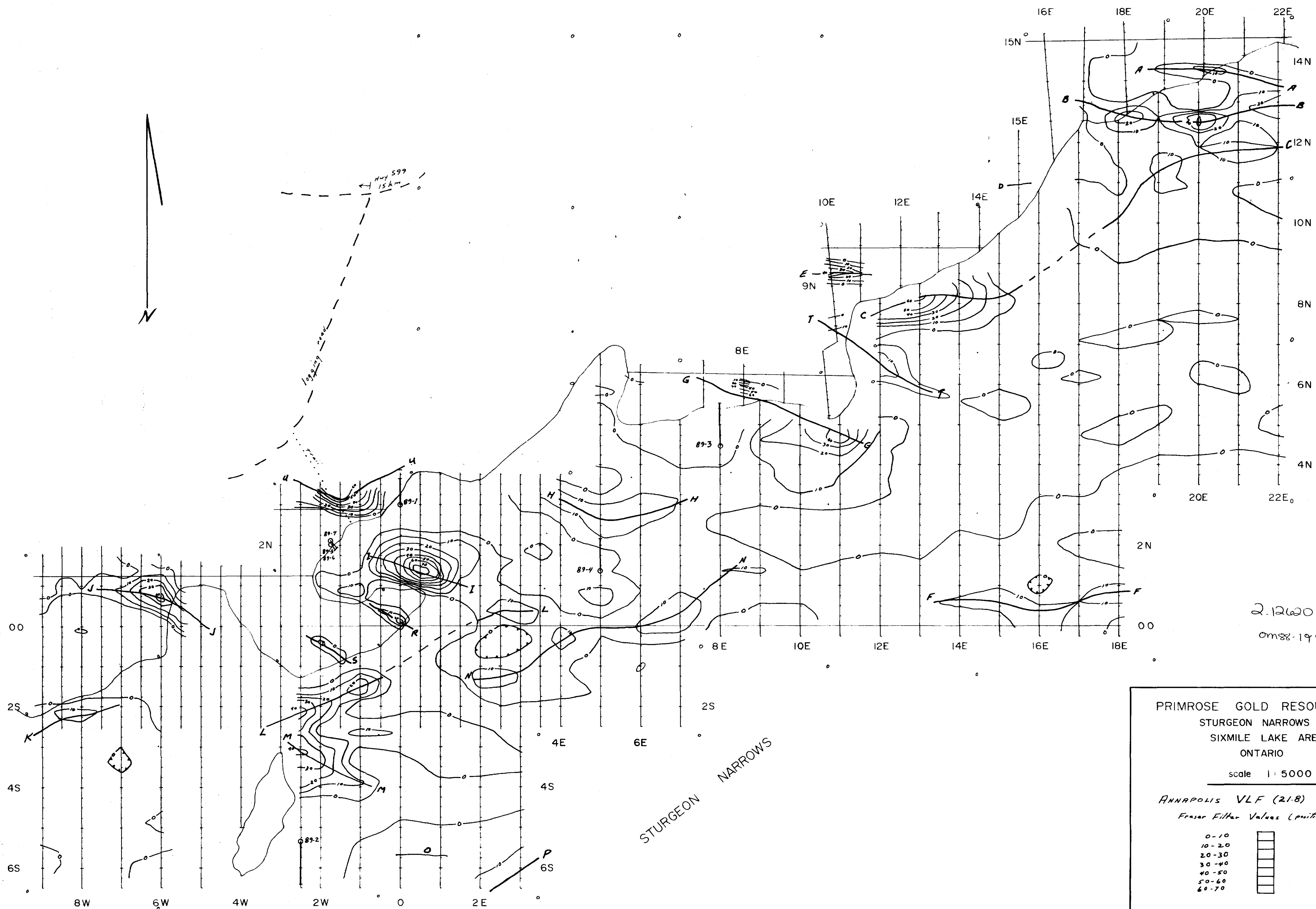
CUTLER VLF (24.0)
 Fraser Filler Values (positive only)

- 0-10
- 10-20
- 20-30
- 30-40
- 40-50
- 50-60
- 60-70
- 70-80



JKK
 20/6/89
 Fig. 6





2.12620
0ms8-191

PRIMROSE GOLD RESOURCES INC.
 STURGEON NARROWS CLAIMS
 SIXMILE LAKE AREA
 ONTARIO

scale 1 : 5000

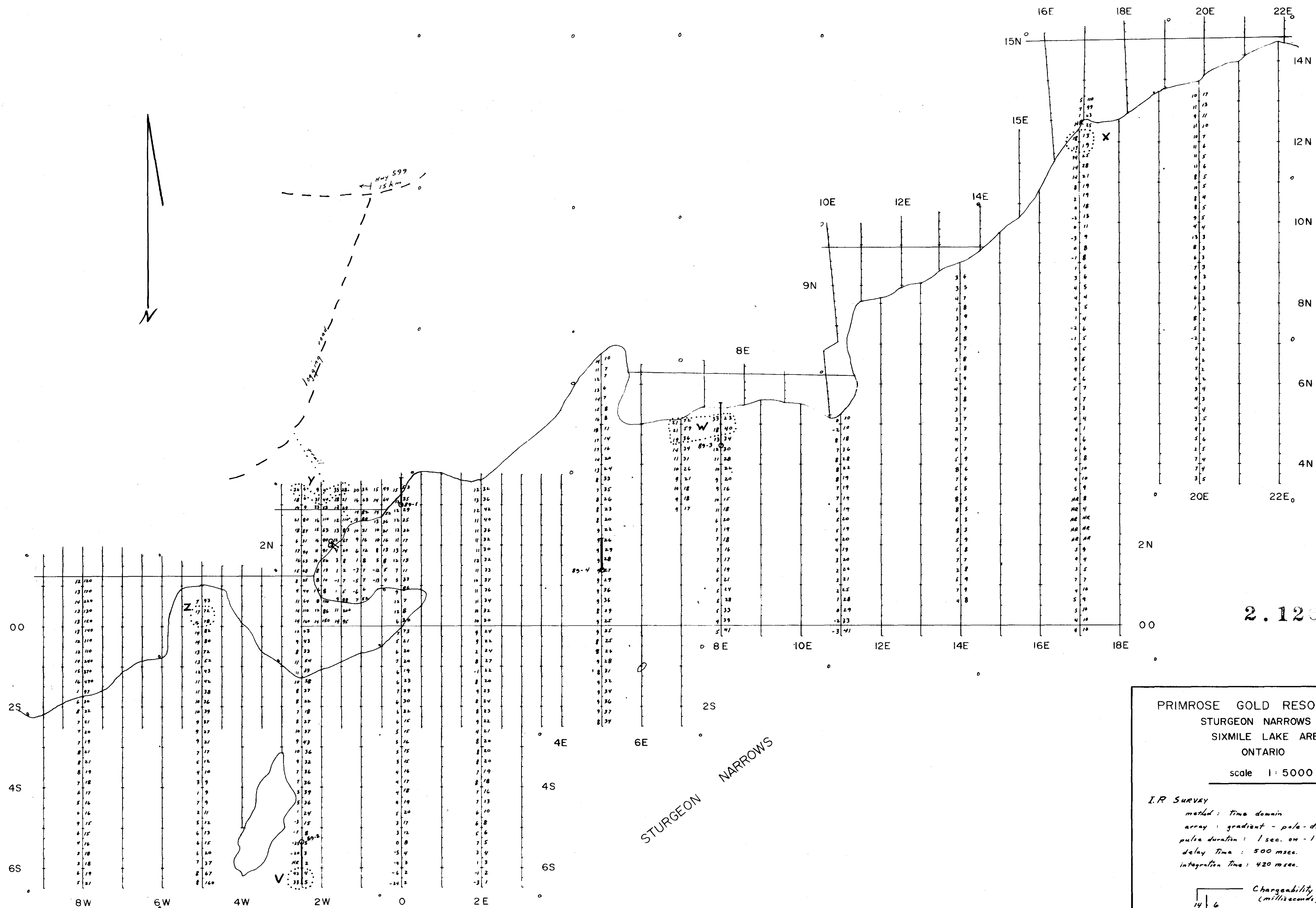
ANNAPOLIS VLF (21.8)
 Fraser Filter Values (positive only)

0-10
10-20
20-30
30-40
40-50
50-60
60-70

Conductor Axis C ~ C

94R
7/6/99
Fig. 7

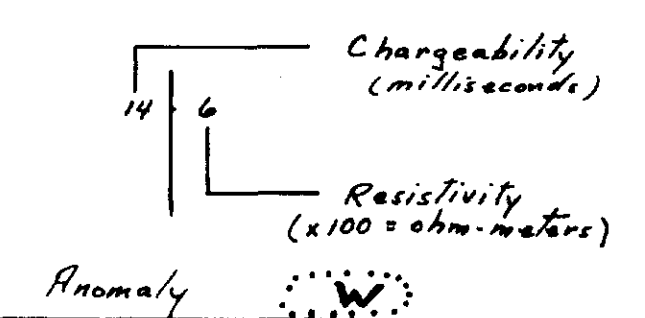




2.12020

PRIMROSE GOLD RESOURCES INC.
 STURGEON NARROWS CLAIMS
 SIXMILE LAKE AREA
 ONTARIO
 scale 1:5000

I.P. Survey
 method: time domain
 array: gradient - pole-dipole
 pulse duration: 1 sec. on - 1 sec. off
 delay time: 500 msec.
 integration time: 420 msec.



Just
 2/6/87
 Fig. 8

