



52J04NE0001 2.13722 SHARRON LAKE

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REPORT ON GEOLOGIC MAPPING,  
HUMUS GEOCHEMISTRY AND SAMPLING  
ON BLACK LAKE GOLD PROPERTY,  
SIOUX LOOKOUT AREA,  
NORTHWESTERN ONTARIO

**2.13722**

For: Cream Silver Mines Ltd.  
Vancouver, B.C.

**RECEIVED**

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**MINING LANDS SECTION**

November 23, 1990  
Beausejour, Manitoba

William C. Hood, P.Eng.  
Consulting Geologist



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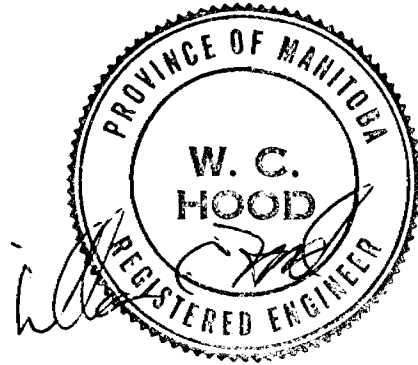
## SUMMARY

The Black Lake gold property of Cream Silver Mines Ltd. comprises 17 staked mining claims in the Sioux Lookout area of northwestern Ontario. The claim group covers a number of gold occurrences that have been periodically explored since the 1930's. One of these showings, the Dragfold vein, has yielded drill intersections of up to 2.50 oz gold/ton across 1.5 feet. Recent work has indicated the widespread presence of shearing, carbonate alteration, and quartz-carbonate veining and stockwork, comprising the Pond deformation zone, in the area of the Dragfold vein.

A small program of geologic mapping, humus geochemistry and rock sampling was undertaken during August, 1990, along the interpreted trend of the Pond deformation zone. This work outlined a wide carbonate alteration zone, extending for more than 700 meters across the map area. This work also located a well mineralized vein system, named the Bonanza vein, which assayed 0.12 oz gold/ton across 1.2 feet in a rough chip sample and up to 4.44 oz gold/ton and 1.00 oz silver/ton in composite grab samples. Humus geochemical sampling located two significant gold anomalies along strike, about 100 meters west of the Dragfold vein, in an area of pervasive carbonate alteration and widespread quartz vein float. These anomalies are believed to indicate the presence of one or more undiscovered gold-bearing vein systems.

The 1990 exploration program has confirmed the excellent gold potential of the Black Lake area. The combination of widespread shearing, extensive carbonate alteration, and high-grade gold-bearing quartz veining has very favourable implications for the property. Further exploration work is considered justified and is herein recommended. A two-phase program entailing total expenditures of \$215,000.00 is outlined. Phase 1 consists of grid linecutting, geologic mapping, humus geochemistry and 1500 feet of diamond

drilling. Phase 2 comprises induced polarization geophysics and 3000 feet of diamond drilling.



November 23, 1990

William C. Hood, P.Eng.

## INTRODUCTION

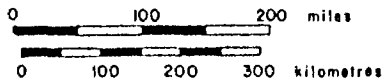
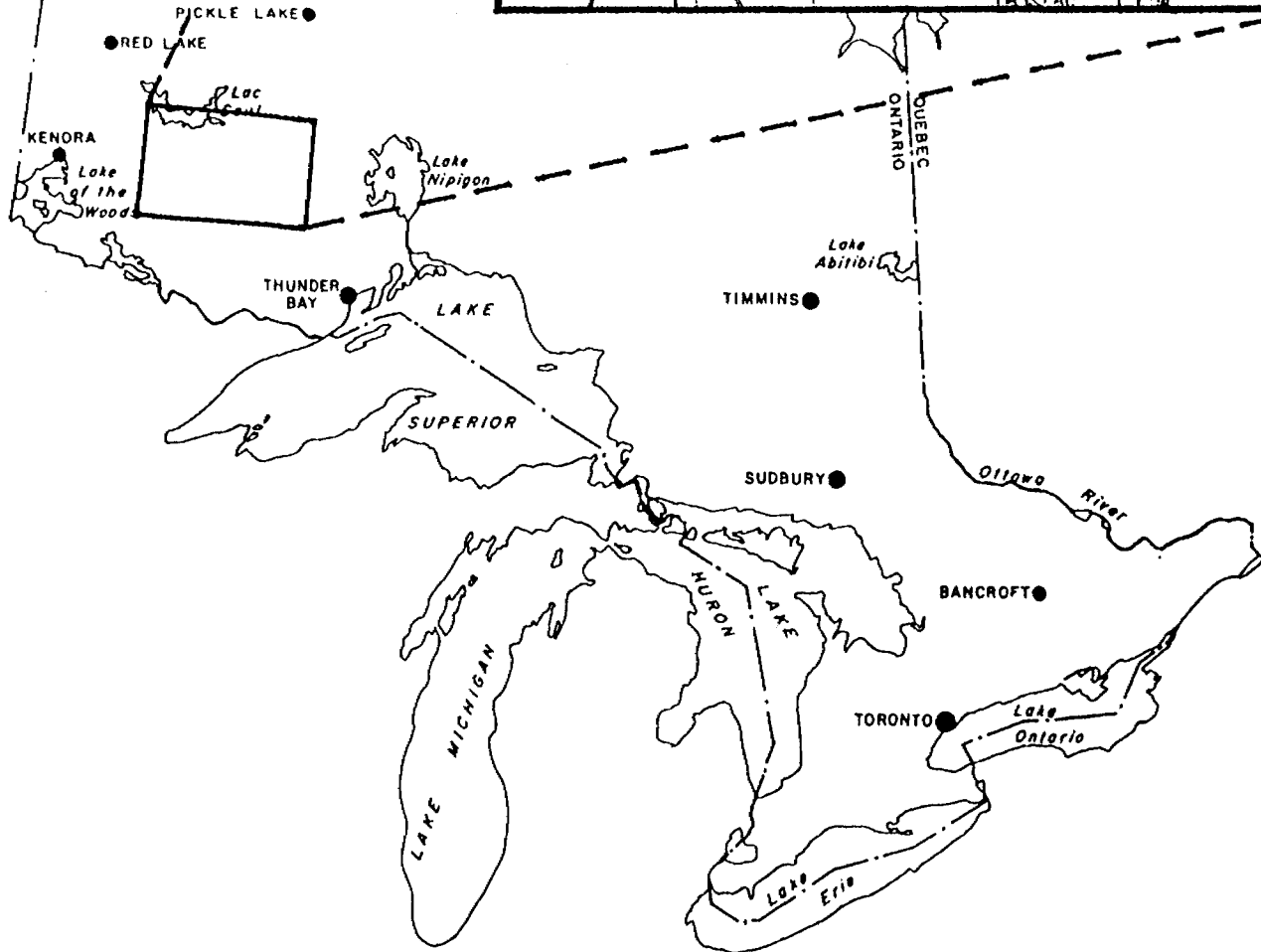
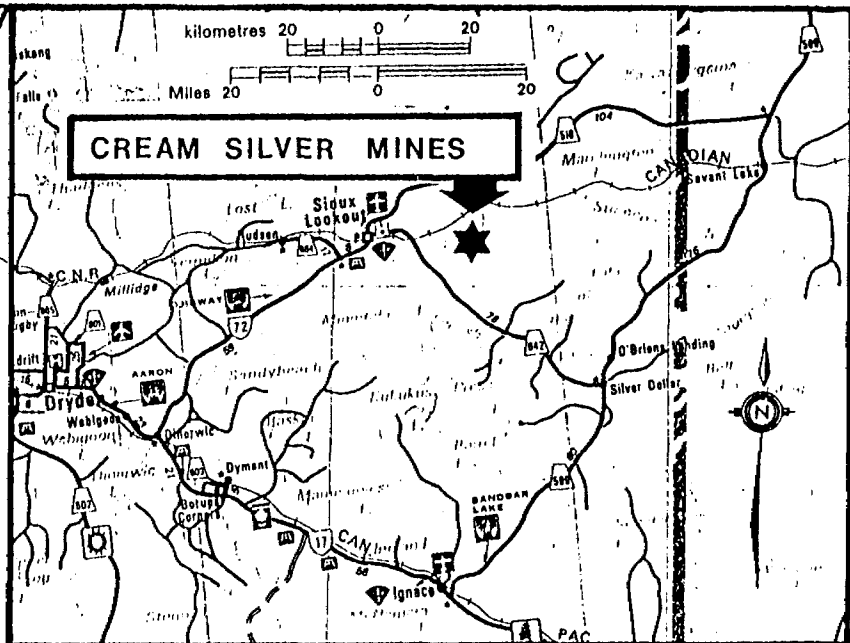
This report has been prepared at the request of Mr. F.A. Lang, President of Cream Silver Mines Ltd. of Vancouver, British Columbia. This report outlines the results of a small program of geologic mapping, humus geochemistry and sampling undertaken during August, 1990. In a previous report for Cream Silver Mines dated January 29, 1990, the author has discussed the property history, regional geology and geophysics in greater detail, so the reader is referred to that report for additional information.<sup>1</sup>

This report is based on an examination of the property on December 16, 1989, field work conducted by or directly supervised by the author between August 8 and 14, 1990, and an evaluation of all available literature and assessment data. Three claims were also staked during August, 1990 on behalf of Cream Silver Mines, in order to cover possible extensions to the known mineralization.

## LOCATION, ACCESS AND PHYSIOGRAPHY

The Black Lake claims of Cream Silver Mines are located about 25 kilometers (16 miles) east of Sioux Lookout in north-western Ontario (Fig.1). Road access extends to within 15 kilometers (9 miles) of the property, with highway #516 between Sioux Lookout and Savant Lake being north of the property and highway #642 between Sioux Lookout and O'Brien's Landing lying southwest of the property. The main line of the Canadian National Railroad passes about 2 kilometers (1.25 miles) north of the claim group.

Sioux Lookout is a full service community, being a major stop on the CNR rail line, and provides excellent infrastructure for mineral development. A paved road connects the town with



CREAM SILVER MINES LTD.

### LOCATION MAP

FIG. 1    JAN / 90    BH

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the Trans-Canada Highway, 70 kilometers (43 miles) to the south. Services within Sioux Lookout include schools, hospital, government offices, air charter businesses, scheduled air service, restaurant and accomodations.

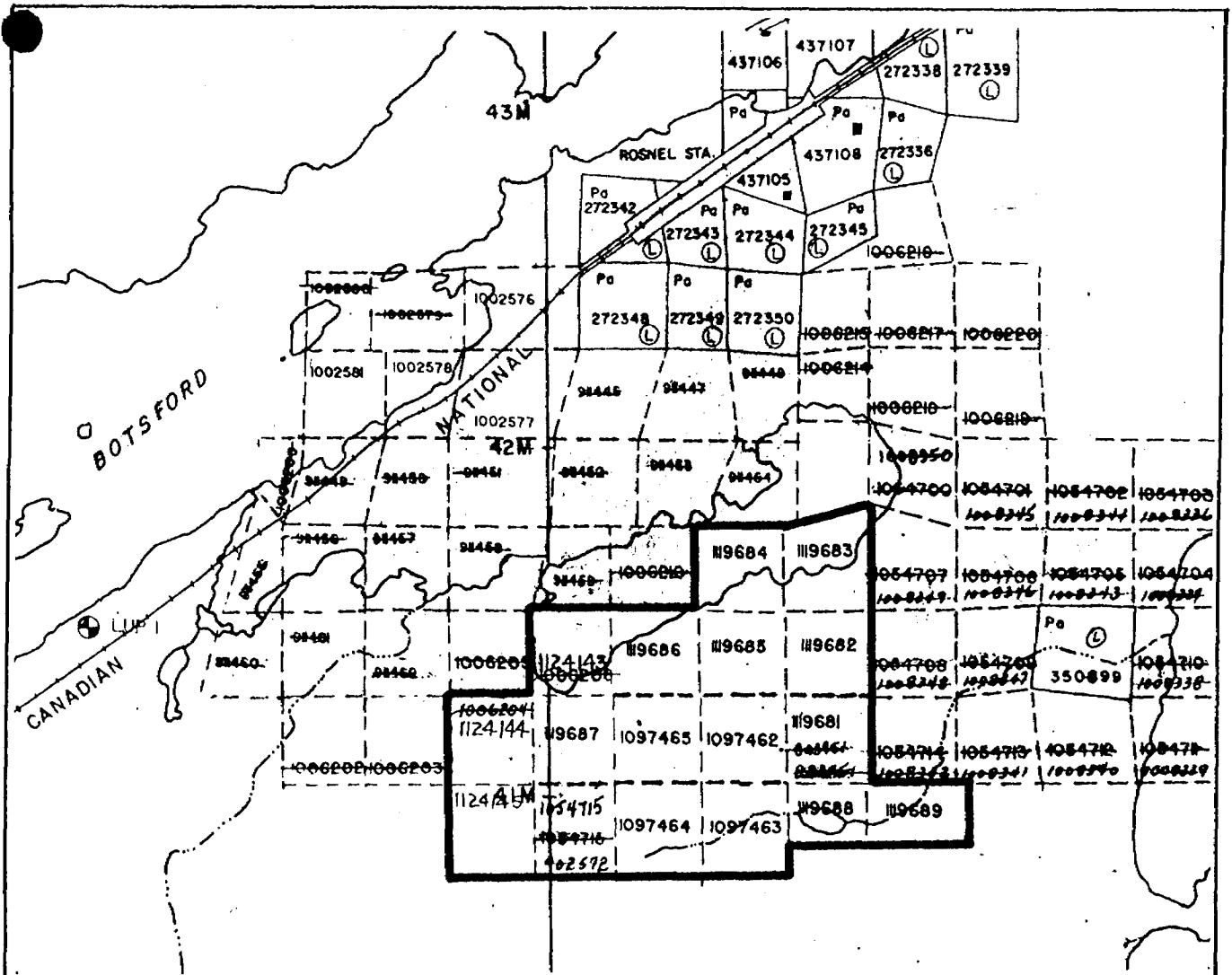
The easiest access to the property is by charter aircraft from Sioux Lookout into Black Lake, along the northwest edge of the claim group. Alternately, skidoo or boat travel via Botsford Lake from highway #642 provide access to within 2 kilometers (1.25 miles) of the property. Helicopter service is available from the town of Dryden, located 96 kilometers (60 miles) to the southwest along the Trans-Canada Highway.

The property is situated in typical Precambrian terrain with local relief generally less than 25 meters (80 feet). Low rolling outcrop hills are interspersed with swamp and glacial drift. Vegetation consists mainly of spruce and pine. Poplar occurs in some drift covered areas and cedar are plentiful in low-lying swampy terrain. Windstorms over the past several years have resulted in extensive tree windfalls throughout the area, especially in higher outcrop areas and along windward northwest-facing slopes. These windfalls seriously impede working access within the property.


#### CLAIM STATUS

The Black Lake property of Cream Silver Mines consists of 17 staked mining claims totalling approximately 680 acres (275 hectares). The claims are situated within the Patricia Mining Division, recorded at the Mining Records Office in Sioux Lookout, and shown on claim map G-2207, the Sharron Lake sheet (Fig.2).

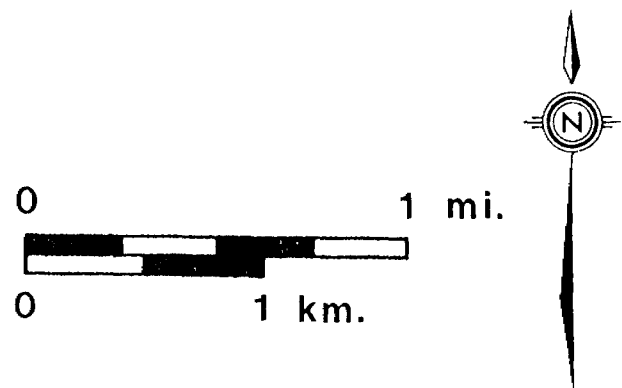
Claims Pa.1054715 and Pa.1097462 through Pa.1097465 are presently recorded in the name of Mr. R. Knappett of Eldorado,



AREA:  
**SHARRON LAKE**  
 M.N.R. ADMINISTRATIVE DISTRICT  
**SIoux LOOKOUT**  
 MINING DIVISION  
**PATRICIA**  
 LAND TITLES / REGISTRY DIVISION  
**KENORA**

 Ministry of Natural Resources Ontario  
 Land Management Branch

Date: FEBRUARY, 1964  
 Number: **G-2207**



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**CLAIM MAP**

FIG. 2    JAN / 90    BH

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Ontario, but are held under option from Mr. Knappett by Cream Silver Mines Ltd. of Vancouver, British Columbia. Claims Pa.1119681 through Pa.1119689 and Pa.1124143 through Pa.1124145 are presently recorded in the name of W. Hood (the author of this report) of Beausejour, Manitoba but were staked on behalf of and are pending transfer to Cream Silver Mines Ltd. A complete list of the claims with the recording date and the date by which assessment work will be required is included in Appendix I.

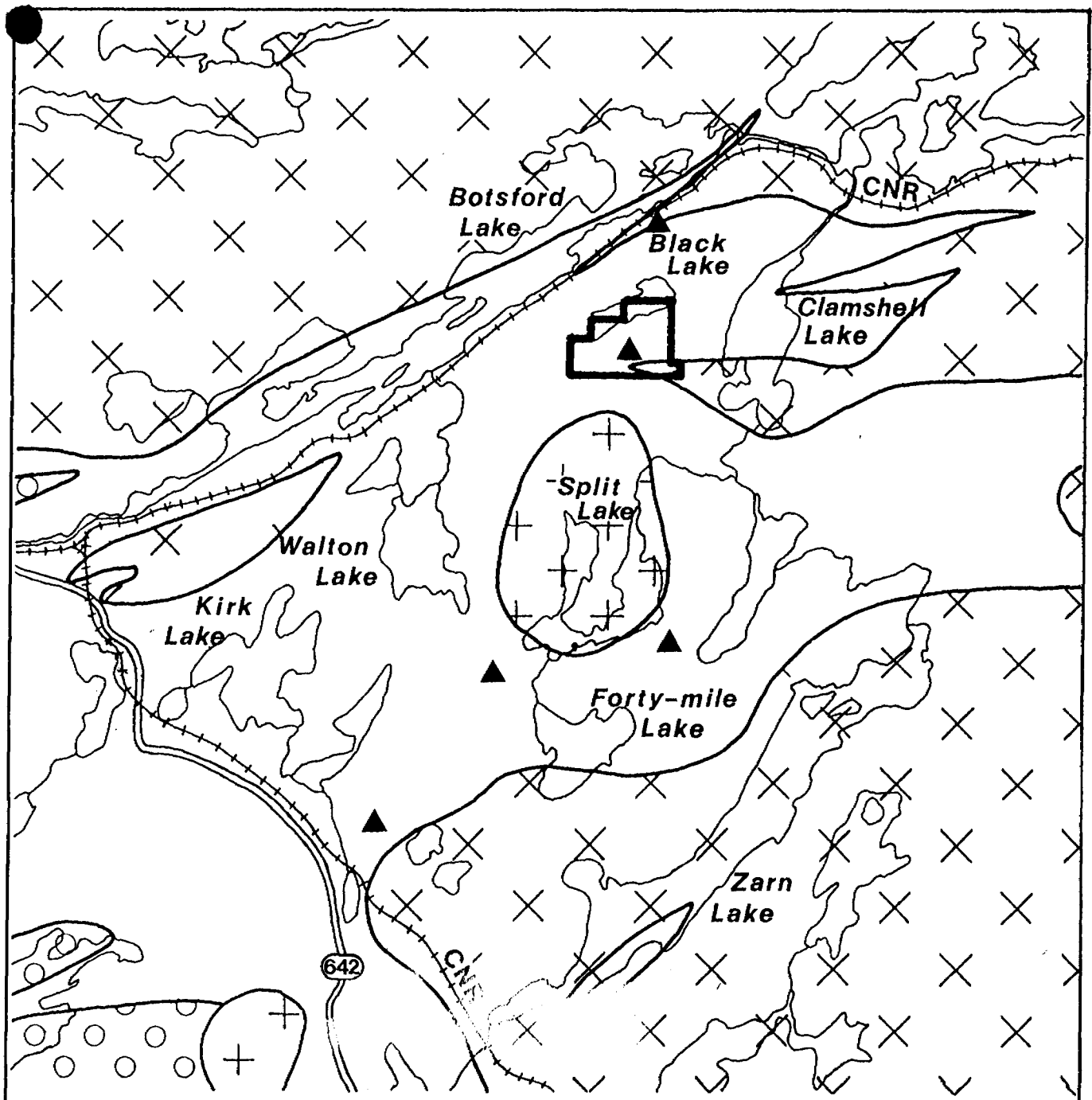
#### HISTORY

Prior to the 1960's, only minor prospecting, geologic mapping and sampling had been undertaken on the Black Lake property. In 1963, Bankfield Consolidated Mines undertook a small drill program on the property, including 6 holes on the Dragfold vein. Three of these drill holes assayed 0.28 oz Au/ton across 1.0 feet, 0.24 oz Au/ton across 2.0 feet, and 2.50 oz Au/ton across 1.5 feet, outlining a narrow, west-plunging ore shoot.<sup>2</sup>

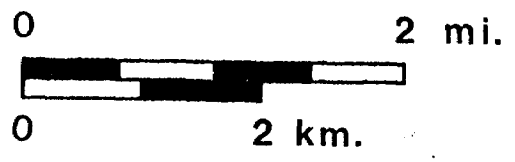
Recent examinations of the property by several geologists have suggested the presence of a wide zone of shearing, carbonate alteration, and quartz-carbonate veining and stockwork, trending roughly 100° azimuth in the area of the Dragfold vein. This feature has been termed the Pond deformation zone<sup>1</sup>, and was the main exploration target of the August, 1990 work program.

#### PROPERTY GEOLOGY

The Black Lake claims of Cream Silver Mines lie within an east-northeast trending septum of volcanic rocks that are part of the Sioux Lookout greenstone belt within the western Wabigoon subprovince of the Canadian Shield (Fig.3). In the Black Lake area the property is underlain by a succession of mafic to felsic volcanic rocks (Fig.4). Schistosity within the claim group is



- Late Felsic Intrusives: granite, syenite, porphyry.
- Early Felsic Intrusives: granite, trondhjemite, diorite.
- Sediments: conglomerate, greywacke, slate.
- Volcanics: basalt, andesite, rhyolite, fragmentals, tuff.



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REGIONAL GEOLOGY		
FIG. 3	JAN / 90	BH

FELSIC TO INTERMEDIATE INTRUSIVE ROCKS<sup>1</sup>

- 6 Unsubdivided
- 6b) Inhomogeneous biotite hornblende trondhjemite, quartz diorite, mafic xenolith-bearing hornblende biotite trondhjemite
- 6d) Quartz porphyry, quartz-feldspar porphyry, felsite, quartz-sericite schists

MAFIC INTRUSIVE ROCKS<sup>2</sup>

- 5 Unsubdivided
- 5b) Hornblende diorite, porphyritic diorite
- 5d) Equigranular to ophitic gabbro<sup>1</sup>

FELSIC METAVOLCANICS<sup>1</sup>

- 3 Unsubdivided<sup>1b</sup>
- 3c) Breccia, tuff breccia, agglomerate
- 3d) Lapilli tuff, lapilli-crystal tuff
- 3e) Crystal lithic tuff, lithic tuff
- 3f) Quartz sericite schist<sup>1b</sup>
- 3g) Quartz "eye" quartz sericite schist<sup>1b</sup>

INTERMEDIATE METAVOLCANICS<sup>1</sup>

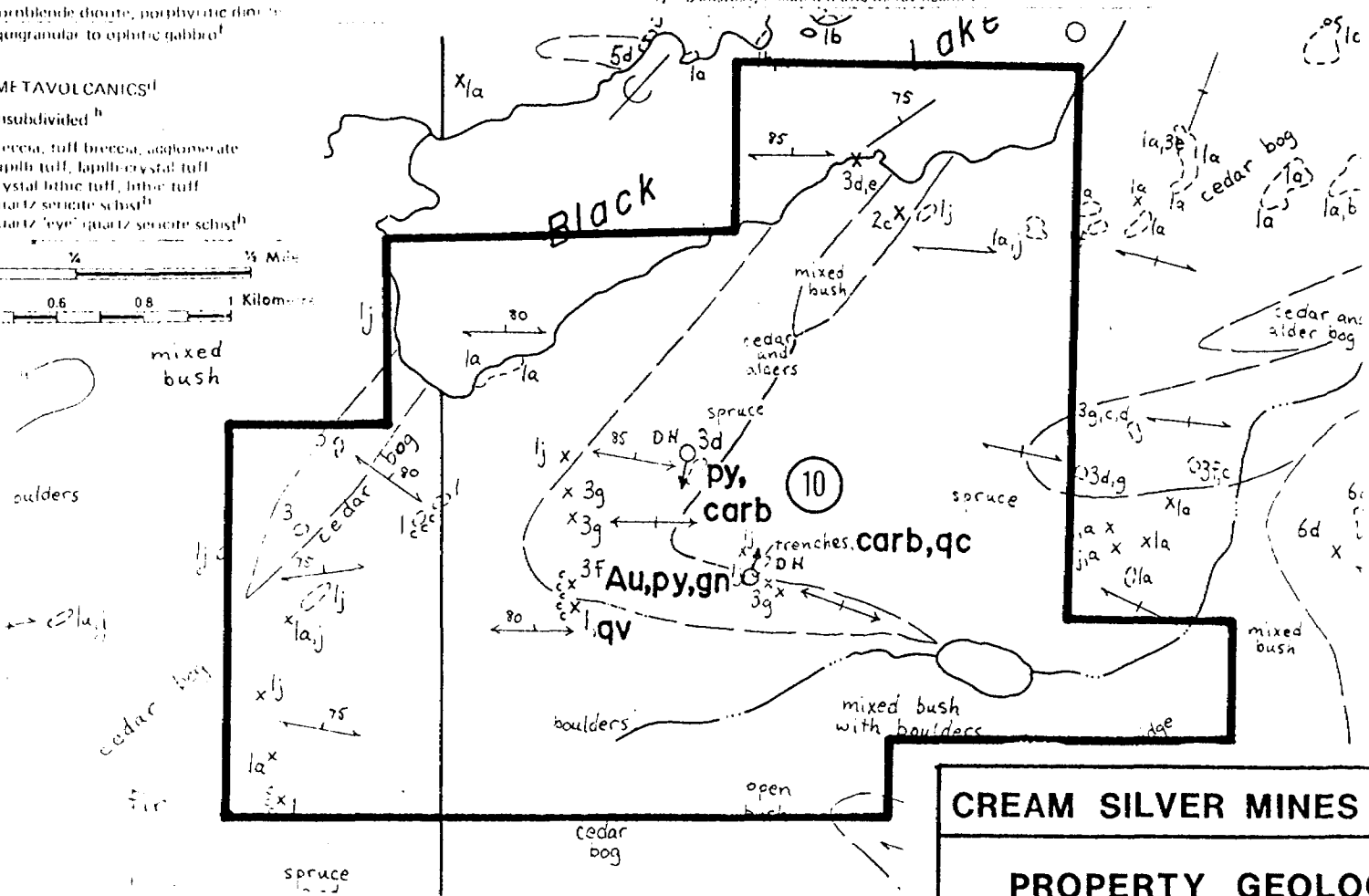
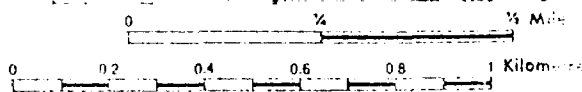
- 2 Unsubdivided
- 2c) Breccia, tuff breccia, agglomerate

MAFIC METAVOLCANICS<sup>1</sup>

- 1 Unsubdivided
- 1a) Massive, aphanitic to holocrystalline
- 1b) Plagioclase phenocryst (megacryst) massive
- 1f) Breccia, tuff breccia, agglomerate, interflow hyaloclastite (pillow breccia)
- 1j) Schistose, lobated mafic metavacames

as c. 1980 geological consulting

From Page & Moller, 1978, OGS



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**PROPERTY GEOLOGY**

FIG. 4    JAN / 90    BH

generally oriented about  $100^{\circ}$  azimuth, while lithologies trend about  $060^{\circ}$  azimuth, suggesting the presence of a fold structure.

Several gold-silver showings lie within Cream Silver Mines Black Lake claim group. These occurrences consist of shear zone or stockwork-hosted quartz-carbonate veining, that is variably mineralized with pyrite, chalcopyrite and galena, and is often associated with pervasive carbonate alteration. The geology of these showings has been described in detail in a previous report by the author.<sup>1</sup>

#### GEOLOGY AND GEOCHEMISTRY PROGRAM - 1990

A small program of geologic mapping, humus geochemistry, and rock sampling was undertaken between August 8 and 14, 1990. This work was centered on the Dragfold vein and the Pond deformation zone, that is interpreted to extend through the area of the Dragfold vein. This work program was intended to determine the geologic relationship between the known veins, the carbonate alteration and the Pond deformation zone, and to delineate targets with significant economic potential for diamond drilling. Previous drilling on the Dragfold vein has returned intersections of 0.28 oz Au/ton across 1.0 feet, 0.24 oz Au/ton across 2.0 feet, and 2.50 oz Au/ton across 1.5 feet, outlining a narrow, west-plunging ore shoot.

An east-west baseline was cut from 900 W to 200 E, after establishing a 00BL point on the outcrop several meters north of the Dragfold vein. From this baseline, a flagging tape grid was established by compass at 100 meter line spacings to 100 N and 100 S of baseline on all lines except lines 4 W and 5 W which were run to 150 S to cover the "re-discovered" Bonanza vein system. Geologic mapping was completed at a scale of 1:2,500 and is shown on Map I (back pocket). Humus geochemical sampling was also completed over this grid, and the gold contents are shown plotted on Map II, also

at a scale of 1:2,500 (back pocket). A list of personnel involved in this program is included in Appendix II.

Geologic mapping was completed on an area of roughly 1100 meters by 250 meters, along the southern edge of claims Pa.1097462, 1097465 and 1119687 and along the northern edge of claims Pa.1054715, 1097463 and 1097464. Windfallen trees are prevalent throughout the map area, making bush travel and outcrop examination locally difficult.

The map area was found to be underlain mainly by intermediate to mafic volcanic rocks of fragmental origin. These rocks were typically andesitic in composition, and ranged from ash tuffs to coarse fragmentals. The andesites were grey to rusty weathering and dark grey to greenish-black on fresh surface.

The only other primary lithology found within the map area is felsic volcanic rocks that vary from rhyolitic to dacitic in composition. These rocks are typically yellow-grey to tan-brown in color, and vary from rhyolite and dacite ash tuffs, to quartz-feldspar porphyry, to sericite schists. These rocks may be, in part, intrusive in origin. Felsic volcanic rocks were noted in several locations within the map area, in units up to 25 meters thick, interbedded within the more prevalent andesites. A felsic volcanic unit of unknown thickness occurs in the southeast corner of the map area. The contact with the adjacent andesites trends roughly  $070^{\circ}$  azimuth, discordant to the schistosity.

Rocks throughout this area are strongly foliated to weakly sheared. Schistosity varies in orientation from  $080^{\circ}$  to  $110^{\circ}$  azimuth and generally dips steep north. Bedding orientations were noted in two locations, trending  $077^{\circ}$  and  $084^{\circ}$  azimuth, and in both cases was clearly discordant to the imposed schistosity. This may reflect a large fold structure in the area. A strong lineation, oriented at  $-78^{\circ}/285^{\circ}$ , was noted in an outcrop near the west boundary of the map area.

Extensive carbonate alteration was noted throughout the map area, including a zone of pervasive carbonate alteration that extends from L600 W through L0, where it becomes concealed by overburden. This type of alteration was readily recognized by its limonitic, yellowish-brown, rusty weathering in both outcrop and the overlying glacial till. The carbonatized andesites were typically grey on fresh surface, with up to 2% disseminated pyrite. Stockwork quartz-carbonate veining was noted locally, and was generally accompanied by increased pyrite content. The carbonatized zone roughly parallels lithologic contacts and is locally discordant to schistosity, so there may be an element of stratigraphic control in its localization.

Significant quartz veining with pyrite, chalcopyrite and galena mineralization was noted in two locations within the map area. The Dragfold vein, which has been previously explored by trenching, sampling and diamond drilling, is located at L0/005 S. A chip sample across a 0.9 foot vein width at 005 W/005 S assayed 0.30 oz gold/ton with minor values in the adjacent schistose wallrock (Fig.5).

A well mineralized vein system, named the Bonanza vein, was located near 130 S between 425 W and 455 W. Old trenches were present across this vein, but there was no indication of any recent work, nor any record of this vein in assessment files. The vein system was very well mineralized with pyrite, chalcopyrite and galena near the east end of the outcrop. A chip sample across a 1.2 foot section of the vein assayed 0.12 oz gold/ton, with minor values in the adjacent wallrock. Composite grab samples of vein material from this area assayed 0.66 and 4.44 oz gold/ton with up to 1.00 oz silver/ton (Fig.6).

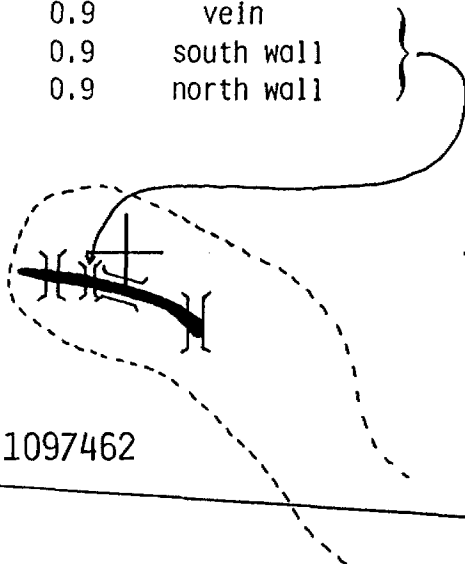
A humus geochemical survey was completed over the entire map area, with 94 samples being collected at 25 meter intervals along the lines. Analyses were done by neutron activation and

L  
100  
W

L  
0

DRAGFOLD VEIN SAMPLING

Sample #	Au(oz/ton)	Ag(oz/ton)	Width(ft)	Description
BL-90-1	0.30	nil	0.9	vein
BL-90-2	tr	-	0.9	south wall
BL-90-3	0.02	-	0.9	north wall

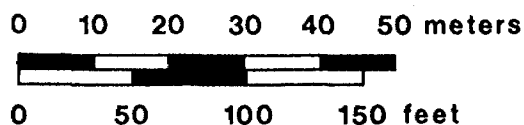


Pa.1097465

Pa.1097462

Pa.1097464

Pa.1097463



Scale 1:1000



— 0 BL

— 100 S

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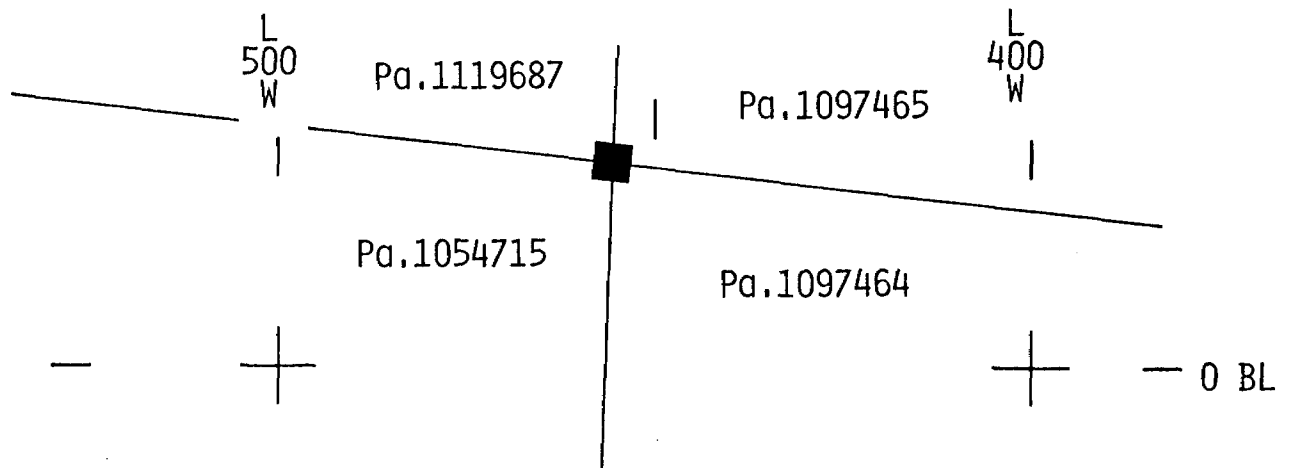
DRAGFOLD VEIN SAMPLING

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Fig. 5

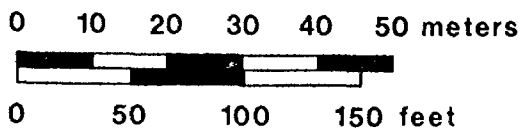
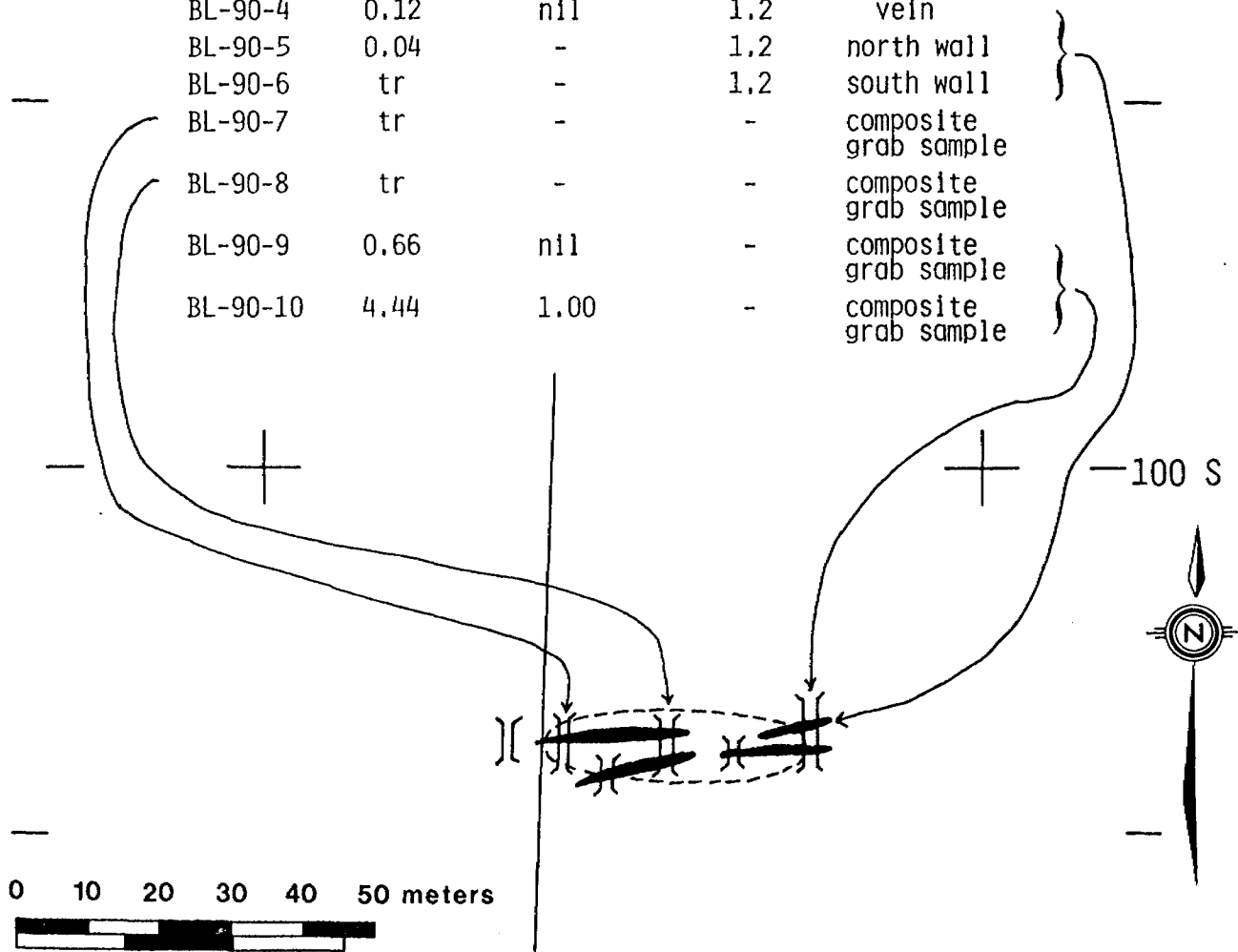
Nov/90

BH



BONANZA VEIN SAMPLING

Sample #	Au(oz/ton)	Ag(oz/ton)	Width(ft)	Description
BL-90-4	0.12	nil	1.2	vein
BL-90-5	0.04	-	1.2	north wall
BL-90-6	tr	-	1.2	south wall
BL-90-7	tr	-	-	composite grab sample
BL-90-8	tr	-	-	composite grab sample
BL-90-9	0.66	nil	-	composite grab sample
BL-90-10	4.44	1.00	-	composite grab sample



Scale 1:1000

W. C. Hood Geological Consulting

<b>CREAM SILVER MINES LTD.</b>		
BONANZA VEIN SAMPLING		
Fig. 6	Nov/90	BH



complete results are plotted on Map II, with assay certificates included in Appendix III. Most analyses were at background levels, less than 5 ppb gold. Two samples near the west end of the grid returned 5 ppb values, but are also considered to be background values. Two samples on L100 W, at 00 BL and 050 N, returned anomalous values of 15 ppb and 19 ppb gold, respectively. It is interesting to note that the anomalous sample at 100 W/00 BL lies almost directly along strike from the Dragfold vein, while the sample at 100 W/050 N is closely associated with carbonate alteration and an area of widespread quartz vein float. These anomalous samples suggest that one or more undiscovered gold-bearing veins occur in this area near L100 W. Despite good gold values in surface sampling, no anomalous geochemical results were returned over either the Dragfold vein or Bonanza vein. This situation makes the anomalous samples on L100 W all the more significant.

#### CONCLUSIONS

Previous work on Cream Silver Mines Black Lake gold property has indicated the presence of a wide area of shearing, carbonate alteration, and quartz-carbonate veining and stockwork. Several occurrences with significant gold values have been located, and one of these, the Dragfold vein, has yielded drill intersections of up to 2.50 oz gold/ton across 1.5 feet.

Geologic mapping, humus geochemistry and rock sampling during August, 1990 were undertaken in an east-west trending zone along the interpreted trend of the Pond deformation zone and centered on the Dragfold vein. The area was found to be underlain by andesite, dacite and rhyolite tuffaceous rocks. The orientations of original lithologic bedding and imposed schistosity were found to be discordant, suggesting the presence of a fold structure. A zone of pervasive carbonate alteration up to 75 meters wide was found to extend for more than 700 meters across the map area.

Two significant gold occurrences were examined within the map area. Both consisted of quartz veining and stockwork with pyrite, chalcopyrite and galena mineralization. A chip sample across a 0.9 foot wide section of the Dragfold vein returned 0.30 oz gold/ton, with minor values in the adjacent wallrock. A well-mineralized vein system, called the Bonanza vein, was located along the south edge of the map area between lines 4 W and 5 W. A chip sample across a 1.2 foot section of this vein assayed 0.12 oz gold/ton, while composite grab samples assayed up to 4.44 oz gold/ton and 1.00 oz silver/ton.

Humus geochemical sampling located two significant anomalies on L100 W, directly along strike from the Dragfold vein. These anomalies are closely associated with pervasive carbonate alteration and widespread quartz vein float. These anomalies are believed to indicate the presence of one or more undiscovered gold-bearing vein systems.

The 1990 work has confirmed the excellent gold potential of the Black Lake area. The combination of widespread shearing, extensive carbonate alteration, and high-grade gold-bearing quartz veining has very favourable implications for the property. Further exploration work is considered justified and is herein recommended.

#### RECOMMENDATIONS

Work to date has indicated significant gold potential on Cream Silver Mines' Black Lake claim group. A two-phase exploration program entailing total expenditures of \$215,000.00 is outlined below. Phase 1 consists of grid linecutting, geologic mapping, humus geochemistry and 1500 feet of diamond drilling on indicated targets. Phase 2 is dependent on encouraging results from Phase 1, and consists of induced polarization geophysics and 3000 feet of diamond drilling.

Phase 1:

- a) A cut grid will be an important requirement for future work on the property. Extensive tree windfalls in recent years have made ground travel on the property extremely difficult. Power saw cutting will be necessary in the windfall areas. In order to accommodate both the  $070^{\circ}$  trending lithologies and the  $100^{\circ}$  azimuth oriented shearing, it is recommended that the baseline be oriented east-west, with north-south picket lines. Approximately 20 kilometers of grid will be necessary to cover the main area of the property south of Black Lake.
- b) Previous geologic mapping has led to differing interpretations. A good geologic map is the foundation for an exploration program. It is recommended that the gridded area be mapped at a scale of 1:1,000, with close attention to lithology, alteration and structural details.
- c) Humus geochemistry offers a good technique for exploring those areas of the property with relatively light overburden. A non-destructive analysis technique such as neutron activation would be preferable to cheaper fire assay/atomic absorption techniques.
- d) A small program of 1500 feet of diamond drilling is recommended as part of Phase 1, to test targets already indicated on the Bonanza vein, Dragfold vein, and the geochemical anomalies west of the Dragfold vein. Any other significant targets indicated from geologic mapping or humus geochemistry could also be tested with one or two short drill holes in this program.

## Phase 2:

- a) There is considerable evidence that gold values in this area are closely related to sulphide content, both in the veins and wallrocks. Induced polarization geophysics, which responds to disseminated sulphide content, could be used to screen humus geochemical anomalies prior to drilling.
- b) If Phase 1 drilling produces favourable results, then an additional 3,000 feet of diamond drilling should be undertaken. This can be used to extend any discoveries from Phase 1 and also to test all coincident humus geochemical and induced polarization anomalies.

## Cost Estimate

## Phase 1:

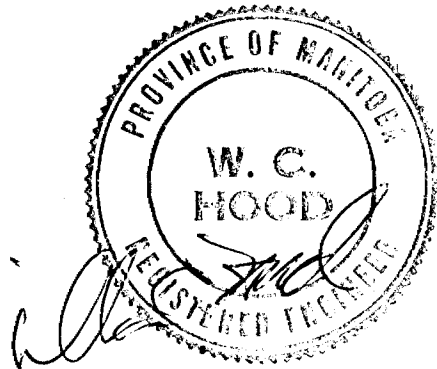
a) Linecutting; 20 km @ \$350.00/km	\$ 7,000.00
b) Geologic mapping; sampling, analyses	10,000.00
c) Humus geochemistry; sampling, analyses	10,000.00
d) Diamond drilling; 1500 ft @ \$30.00/ft	45,000.00
e) Core splitting, assays	5,000.00
f) Camp costs, air flights, supplies	8,000.00
g) Supervision, report preparation	<u>10,000.00</u>
Phase 1 total	\$95,000.00

## Phase 2:

a) Induced polarization geophysics	\$ 20,000.00
b) Diamond drilling; 3000 ft @ \$25.00/ft	75,000.00
c) Core splitting, assaying	10,000.00
d) Camp costs, air flights	5,000.00
e) Supervision, report preparation	<u>10,000.00</u>

Phase 2 total \$120,000.00

TOTAL OF PHASE 1 AND PHASE 2: \$215,000.00



November 23, 1990

William C. Hood, P.Eng.

## REFERENCES

- 1 Hood, W.C., 1990: Report on Black Lake gold property, Sioux Lookout area, northwestern Ontario; private report for Cream Silver Mines Ltd.
  
- 2 Holbrooke, G.L., 1963: Report on the Sharron Lake property, Sioux Lookout area; private report for Bankfield Consolidated Mines Ltd.; Assessment files 52J/04 NE-0010-A1 (drill logs) and 52J/04 NE-0016-A1.

## CERTIFICATE

I, William C. Hood, of the Town of Beausejour in the Province of Manitoba, hereby certify that:

- 1) I am a Consulting Geologist and Registered Professional Engineer with the Association of Professional Engineers of the Province of Manitoba.
- 2) I reside at 508 Elm Avenue, Beausejour, Manitoba and maintain an office at Ste.20, 31-1st Street S., Beausejour, Manitoba.
- 3) I graduated from the University of Manitoba in 1979 with a B.Sc. Honours Degree in Geology and I have practiced my profession since that time.
- 4) I do not have, nor do I expect to receive, any interest in the property or securities of Cream Silver Mines Ltd.
- 5) This report is based on an examination of the property on December 16, 1989, field work supervised by or conducted by the author between August 8 and 14, 1990, and an evaluation of all available literature and assessment data.



November 23, 1990

William C. Hood, P.Eng.

## APPENDIX I - LIST OF CLAIMS

<u>Claim Number</u>	<u>Recording Date</u>	<u>Assessment Work Required By</u>
Pa.1054715	Dec. 21/88	Oct. 26/90*
Pa.1097462	Sept. 13/89	Oct. 26/90*
Pa.1097463	Sept. 13/89	Oct. 26/90*
Pa.1097464	Sept. 13/89	Oct. 26/90*
Pa.1097465	Sept. 13/89	Oct. 26/90*
Pa.1119681	Jan. 11/90	Jan. 11/91
Pa.1119682	Jan. 11/90	Jan. 11/91
Pa.1119683	Jan. 11/90	Jan. 11/91
Pa.1119684	Jan. 11/90	Jan. 11/91
Pa.1119685	Jan. 11/90	Jan. 11/91
Pa.1119686	Jan. 11/90	Jan. 11/91
Pa.1119687	Jan. 11/90	Jan. 11/91*
Pa.1119688	Jan. 11/90	Jan. 11/91
Pa.1119689	Jan. 11/90	Jan. 11/91
Pa.1124143	Aug. 20/90	Aug. 20/91
Pa.1124144	Aug. 20/90	Aug. 20/91
Pa.1124145	Aug. 20/90	Aug. 20/91

\* Sufficient work has been filed, but not yet approved, to hold these claims for one additional year.



## APPENDIX II - PERSONNEL

## Project management and Supervision:

W.C. Hood & Associates  
Consulting Geologists

## Field work:

humus geochemistry - D.A. Russell  
geologic mapping, sampling - W.C. Hood

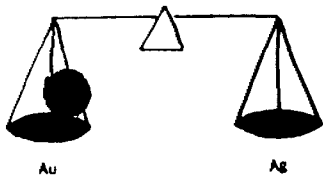
## Report preparation:

W.C. Hood, P.Eng.  
Consulting Geologist

APPENDIX III  
SAMPLE DESCRIPTIONS  
AND ASSAY CERTIFICATES

## BLACK LAKE SAMPLES - AUG/90

- BL-90-1: Dragfold Vein; 005W/005S; chip across 0.9' vein width; minor pyrite and galena.
- BL-90-2: Dragfold Vein; 005W/005S; chip across 0.9'; south wall of vein sampled in BL-90-1; chlorite schist.
- BL-90-3: Dragfold Vein; 005W/005S; chip across 0.9'; north wall of vein sampled in BL-90-1; chlorite schist.
- BL-90-4: Bonanza Vein; 425W/132S; chip across 1.2' vein width; minor pyrite and galena.
- BL-90-5: Bonanza Vein; 425W/132S; chip across 1.2'; north wall of vein sampled in BL-90-4; carbonatized andesite with quartz stringers.
- BL-90-6: Bonanza Vein; 425W/132S; chip across 1.2'; south wall of vein sampled in BL-90-4; carbonatized andesite.
- BL-90-7: Bonanza Vein; 452W/135S; composite grab sample from trench at west end of outcrop; 90% white quartz, 5% light brown Fe-carbonate, 4% schist, 1% pyrite.
- BL-90-8: Bonanza Vein; 440W/135S; composite grab sample from trench in middle of outcrop; 85% white to grey quartz, 10% light grey carbonate, 4% schist, 1% pyrite.
- BL-90-9: Bonanza Vein; 425W/132S; composite grab sample from trench at east end of outcrop; 70% coarse-grained white to yellow-stained quartz, 15% coarse-grained pyrite in layer, 5% galena, 5% schist, 3% carbonate, 2% chalcopyrite.
- BL-90-10: Bonanza Vein; 425W/132S; composite grab sample from trench at east end of outcrop; 90% white to reddish-yellow quartz, 6% pyrite, 3% galena, 1% carbonate.



# PAUL'S CUSTOM FIRE ASSAYING LTD.

Phone: Bus. (807) 662-8171

Res. (807) 662-3361

Fax: (807) 662-1155

PAUL OKANSKI, Assayer  
Box 253, Cochenour, Ontario P0V 1L0

W. C. Hood

## ASSAY CERTIFICATE

Date: Aug. 23-90

Sample No.	Description	oz/ton Au	oz/ton Ag
1	BL-90-1	.30	NIL
2	2	Trace	
3	3	.02	
4	4	.12	NIL
5	5	.04	
6	6	Trace	
7	7	"	
8	8	"	
9	9	.66	NIL
10	10	4.44	1.00
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
25			

Assayer: Paul Okanski

Bondar-Clegg & Company Ltd.  
130 Pemberton Ave.  
North Vancouver, B.C.  
V7P 2R5  
(604) 985-0681 Telex 04-352667



# Geochemical Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-01825.0 ( COMPLETE )

REFERENCE INFO:

CLIENT: W.C. HOOD GEOLOGICAL  
PROJECT: NONE GIVEN

SUBMITTED BY: UNKNOWN  
DATE PRINTED: 26-SEP-90

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au Gold	94	1 PPB		Inst. Neutron Activ.

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
0 ORGANIC OR HUMUS	94	7 -10			94

REMARKS: ~~ELEVATED DETECTIN LIMIT DUE TO HIGH ARSENIC~~

REPORT COPIES TO: W.C. HOOD GEOLOGICAL

INVOICE TO: W.C. HOOD GEOLOGICAL

Bondar-Clegg & Company Ltd.  
 130 Pemberton Ave.  
 North Vancouver, B.C.  
 V7P 2R5  
 (604) 985-0681 Telex 04-352667



Geochemical  
 Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-01825.0

DATE PRINTED: 26-SEP-90

PROJECT: NONE GIVEN

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	SAMPLE NUMBER	ELEMENT UNITS	Au PPB
07 L8W 1+00N		5	07 L4W 0+50N		<1
07 L8W 0+75N		2	07 L4W 0+25N		3
07 L8W 0+50N		2	07 L4W 00BL		<1
07 L8W 0+25N		2	07 L4W 0+25S		<1
07 L8W 00BL		2	07 L4W 0+50S		<1
07 L8W 0+25S		2	07 L4W 0+75S		1
07 L8W 0+50S		2	07 L4W 1+00S		1
07 L8W 0+75S		<1	07 L4W 1+25S		3
07 L8W 1+00S		<1	07 L4W 1+50S		2
07 L7W 1+00N		<1	07 L3W 1+00N		<1
07 L7W 0+75N		<1	07 L3W 0+75N		<1
07 L7W 0+50N		<1	07 L3W 0+50N		<1
07 L7W 0+25N		<1	07 L3W 0+25N		<1
07 L7W 00BL		<1	07 L3W 00BL		2
07 L7W 0+25S		3	07 L3W 0+25S		4
07 L7W 0+50S		<1	07 L3W 0+50S		3
07 L7W 0+75S		<1	07 L3W 0+75S		2
07 L7W 1+00S		5	07 L3W 1+00S		<1
07 L6W 1+00N		2	07 L2W 1+00N		4
07 L6W 0+75N		3	07 L2W 0+75N		<1
07 L6W 0+50N		<1	07 L2W 0+50N		2
07 L6W 0+25N		1	07 L2W 0+25N		<1
07 L6W 00BL		<1	07 L2W 00BL		<4
07 L6W 0+25S		2	07 L2W 0+25S		<1
07 L6W 0+50S		<1	07 L2W 0+50S		<1
07 L6W 0+75S		<1	07 L2W 0+75S		2
07 L6W 1+00S		2	07 L2W 1+00S		<1
07 L5W 1+00N		<1	07 L1W 1+00N		<1
07 L5W 0+75N		2	07 L1W 0+75N		3
07 L5W 0+50N		2	07 L1W 0+50N		19
07 L5W 0+25N		3	07 L1W 0+25N		<1
07 L5W 00BL		<1	07 L1W 00BL		15
07 L5W 0+25S		<1	07 L1W 0+25S		2
07 L5W 0+50S		2	07 L1W 0+50S		4
07 L5W 0+75S		<1	07 L1W 0+75S		3
07 L5W 1+00S		3	07 L1W 1+00S		1
07 L5W 1+25S		2	07 L0 1+00N		<1
07 L5W 1+50S		2	07 L0 0+75N		2
07 L4W 1+00N		<1	07 L0 0+50N		2
07 L4W 0+75N		<1	07 L0 0+25N		3

Bondar-Clegg & Company Ltd.  
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North Vancouver, B.C.  
V7P 2R5  
(604) 985-0681 Telex 04-352667



# Geochemical Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-01825.0

DATE PRINTED: 26-SEP-90

PROJECT: NONE GIVEN

PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	SAMPLE NUMBER	ELEMENT UNITS	Au PPB
07 LO 008L		2			
07 LO 0+25S		<1			
07 LO 0+50S		<1			
07 LO 0+75S		3			
07 LO 1+00S		2			
07 L1E 1+00N		<1			
07 L1E 0+75N		4			
07 L1E 0+50N		<1			
07 L1E 0+25N		<1			
07 L1E 008L		<1			
07 L1E 0+25S		3			
07 L1E 0+50S		<1			
07 L1E 0+75S		3			
07 L1E 1+00S		2			



Invoice : V076000, Page 1

W.C. HOOD GEOLOGICAL  
 BOX 1722, 508 ELM AVE.  
 BEAUSEJOUR, MANITOBA  
 R0E 0C0

Date : 27-SEP-90

Report No: V90-01825.0  
 Project : NONE GIVEN  
 Reference:

94 Analyses of Gold at \$ 9.50 \$ 893.00  
 Subtotal \$ 893.00 \$ 893.00

Sample Preparation  
 94 Samples of DRY, SIEVE -10 at \$ 1.25 \$ 117.50  
 Subtotal \$ 117.50 \$ 117.50

Invoice Total: \$ 1010.50 Cdn

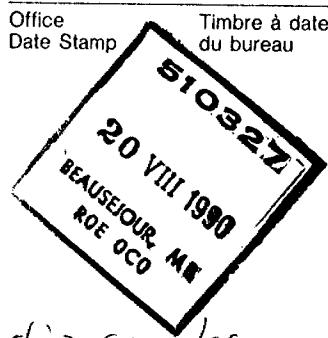
CUSTOM FIRE ASSAYING LTD.  
 BOX 253  
 COCHENOUR, ONTARIO P0V 1L0

Date <u>AUG 23 1990</u>		M.W.C. HOOD	
SOLD BY	C.O.D.	CHARGE	ON ACCT. ACC'T. FWD.
1		24 St. Paul Ave @ 9.00	54.00
2		24 St. Paul Ave @ 12.00	48.00
3			102.00
4			
5			
6			
7		Cream Silver	
8			
9		Black L	
10			
11		cheque #1106	
12		sep 2.28/90	
13			
14			
15			



Canada Post Corporation Société canadienne des postes

Office Date Stamp



Receipt Reçu

Received in payment for Postage Supplies Reçu en paiement d'articles d'affranchissement

\$ 16.80

Signature *J. Zambler*

41-016-020(5-85)

L ship samples  
 Cream Silver - Black L

\$ 1129.30



MOINING LANDS

2



900



AMENDED

DOCUMENT No. W9003-231

Instructions MINING LANDS SECTION  
 - Please type or print.  
 - Refer to Subsection 77(19), the Mining Act for assessment work requirements and maximum credits allowed under this Subsection.  
 - Technical Reports, maps and proof of expenditures in duplicate should be submitted to Mining Lands Section, Mineral Development and Lands Branch.

Mining Act Report of Work (Expenditures, Subsection 77(19))

Type of Work Performed <b>HUMUS &amp; ROCK ANALYSES</b>	Mining Division <b>PATRICIA</b>	Township or Area <b>SHARRON L 6-2207</b>
Recorded Holder <b>RODNEY KNAPPETT</b>	Prospector's Licence No. <b>A-35220</b>	
Address <b>R.R.#1, ELDORADO, ONT. KOKIYO</b>		Telephone No. <b>(613) 473-2759</b>
Work Performed By <b>W.C. HOOD &amp; ASSOCIATES, CONSULTING GEOLOGISTS</b>		
Name and Address of Author (of Submission) <b>W.C. HOOD, BOX 1722, BEAUSEJOUR, MANITOBA ROEOCO</b>		Date When Work was Performed From: <b>8</b> Mo. <b>8</b> Yr. To: <b>14</b> Mo. <b>8</b> Yr.

All the work was performed on Mining Claim(s): Indicate no. of days performed on each claim. *See Note No. 1 on reverse side		Pa. <b>1054715</b>	<b>20</b>	<b>1097462</b>	<b>10</b>	<b>1097463</b>	<b>5</b>	<b>1097464</b>	<b>15</b>
Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days
<b>1097465</b>	<b>15</b>	<b>1119627</b>	<b>10</b>						

Instructions Total days credits may be distributed at claim holder's choice. Enter number of days credits per claim in the expenditure days credit column (below).	Calculation of Expenditure Days Credits Total Expenditures <b>\$1,129.30</b> + <b>15</b> = <b>75</b>	Total Days Credits <b>75</b>	Total Number of Mining Claims Covered by this Report of Work <b>6</b>
---	--	---------------------------------	--

Mining Claims (List in numerical sequence). If space is insufficient, attach schedules with required information

Prefix	Mining Claim Number	Expend. Days Cr.	Prefix	Mining Claim Number	Expend. Days Cr.	Prefix	Mining Claim Number	Expend. Days Cr.	Prefix	Mining Claim Number	Expend. Days Cr.
Pa.	1054715	45									
Pa.	1097462	6									
Pa.	1097463	6									
Pa.	1097464	6									
Pa.	1097465	6									
Pa.	<del>1097465</del> 1119627	6									

Total Number of Days Performed <b>75</b>	Total Number of Days Claimed <b>75</b>	Total Number of Days to be Claimed at a Future Date <b>-</b>
---	---	---

Certification of Beneficial Interest \*See Note No. 2 on reverse side

I hereby certify that, at the time the work was performed, the claims covered in this report of work were recorded in the current recorded holder's name or held under a beneficial interest by the current recorded holder.	Date <b>DEC. 17/90</b>	Recorded Holder or Agent (Signature) <i>[Signature]</i>
--	---------------------------	--

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 Address of Person Certifying <b>WILLIAM C. HOOD, BOX 1722, BEAUSEJOUR, MANITOBA</b>		
<b>ROEOCO</b>	Telephone No. <b>(204) 268-3475</b>	Date <b>DEC. 17/90</b>
Certified By (Signature) <i>[Signature]</i>		

For Office Use Only

Total Days Cr. Recorded <b>75</b>	Date Recorded <b>Oct. 10/90</b>	Mining Recorder <i>[Signature]</i>
	Date Approved as Recorded <b>Jan. 28/91</b>	Provincial Manager, Mining Lands <i>[Signature]</i>

Received Stamp  
**RECORDED OCT. 10/90**

# MINING LANDS

2.13722



Ministry of Northern Development and Mines  
Ontario

AMENDED

DOCUMENT No. W9003-229

**Instructions**

- Please type or print.
- Refer to Section 77, the Mining Act for assessment work requirements and maximum credits allowed per survey type.
- If number of mining claims traversed exceeds space on this form, attach a list.
- Technical Reports and maps in duplicate should be submitted to Mining Lands Section, Mineral Development and Lands Branch:

**Mining Act Report of Work**  
(Geophysical, Geological and Geochemical Surveys)

Type of Survey(s) <b>HUMUS GEOCHEMISTRY</b>	Mining Division <b>Patricia</b>	Township or Area <b>SHARON L. G-2207</b>
Recorded Holder(s) <b>RODNEY KNAPPETT</b>	Prospector's Licence No. <b>A-35220</b>	
Address <b>R.R.#1, ELDORADO, ONT. KOK 1 Y0</b>		Telephone No. <b>(613) 473-2759</b>
Survey Company <b>W.C. HOOD &amp; ASSOCIATES, CONSULTING GEOLOGISTS</b>		
Name and Address of Author (of Geo-Technical Report) <b>W.C. HOOD, BOX 1722 BEAUSEJOUR, MANITOBA ROECO</b>		Date of Survey (from & to) <b>8 28 90 14 8 90</b>

Credits Requested per Each Claim in Columns at right

Mining Claims Traversed (List in numerical sequence)

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	<ul style="list-style-type: none"> <li>Electromagnetic</li> <li>Magnetometer</li> </ul>	
For each additional survey: using the same grid: Enter 20 days (for each)	<ul style="list-style-type: none"> <li>Other</li> </ul>	
<b>Man Days</b> Complete reverse side and enter total(s) here	<ul style="list-style-type: none"> <li>Electromagnetic</li> <li>Magnetometer</li> <li>Other</li> </ul>	
<b>Airborne Credits</b> Note: Special provisions credits do not apply to Airborne Surveys.	<ul style="list-style-type: none"> <li>Electromagnetic</li> <li>Magnetometer</li> <li>Other</li> </ul>	8
Total miles flown over claim(s)		
Date	Recorded Holder or Agent (Signature)	

Mining Claim		Mining Claim		Mining Claim	
Prefix	Number	Prefix	Number	Prefix	Number
Pa.	1054715				
Pa.	1097462				
Pa.	1097463				
Pa.	1097464				
Pa.	1097465				
Pa.	1119687				
<p><b>RECEIVED</b></p> <p><b>JAN 21 1991</b></p> <p><b>MINING LANDS SECTION</b></p>					
<p>30 DEC 19 9 13</p> <p>MINING RECORDS PATRICIA MINING DIVISION</p> <p>ONTARIO GEOLOGICAL SURVEY ASSESSMENT FILES OFFICE</p> <p>FEB 5 1991</p> <p>RECEIVED</p>					
Total number of mining claims covered by this report of work.					6

**Certification Verifying Report of Work**

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

Name and Address of Person Certifying <b>WILLIAM C. HOOD, BOX 1722, BEAUSEJOUR, MANITOBA</b>			
Telephone No. <b>ROECO (204) 268-3475</b>		Date <b>DEC 17 1990</b>	Certified By (Signature) <i>W.C. Hood</i>

**For Office Use Only**

Total Days Cr. Recorded <b>48</b>	Date Recorded <b>OCT. 10/90</b>	Mining Recorder <i>R. Meijda</i>
Date Approved as Recorded <b>Jan. 28/91</b>		Provincial Manager, Mining Lands <i>W.C. Hood</i>

Received Stamp  
**RECORDED OCTOBER 10/90**

### Assessment Work Breakdown

Man Days are based on eight (8) hour Technical or Line-cutting days. Technical days include work performed by consultants, draftsmen, etc..

Type of Survey												
Technical Days	X	7	=	Technical Days Credits	+	Line-cutting Days	=	Total Credits	÷	No. of Claims	=	Days per Claim
7				49		-		49		6		8

Type of Survey												
Technical Days	X	7	=	Technical Days Credits	+	Line-cutting Days	=	Total Credits	÷	No. of Claims	=	Days per Claim

Type of Survey												
Technical Days	X	7	=	Technical Days Credits	+	Line-cutting Days	=	Total Credits	÷	No. of Claims	=	Days per Claim

Type of Survey												
Technical Days	X	7	=	Technical Days Credits	+	Line-cutting Days	=	Total Credits	÷	No. of Claims	=	Days per Claim



Ministry of Northern Development and Mines  
Ontario

**MINING LANDS**  
Mining Act

**AMENDED**

**DOCUMENT No.**  
**W9003-230**

**Report of Work**  
(Geophysical, Geological and Geochemical Surveys)

- Instructions**
- Please type or print.
  - Refer to Section 77, the Mining Act for assessment work requirements and maximum credits allowed per survey type.
  - If number of mining claims traversed exceeds space on this form, attach a list.
  - Technical Reports and maps in duplicate should be submitted to Mining Lands Section, Mineral Development and Lands Branch:

Type of Survey(s) <b>GEOLOGICAL MAPPING</b>	Mining Division <b>PATRICIA</b>	Township or Area <b>SHARRON L. G-2207</b>
Recorded Holder(s) <b>RODNEY KNAPPETT 2.13722</b>	Prospector's Licence No. <b>A-35220</b>	
Address <b>R.R.#1, ELDRADO, ONT. K0K1Y0</b>	Telephone No. <b>(613)473-2759</b>	
Survey Company <b>W.C. HOOD &amp; ASSOCIATES, CONSULTING GEOLOGISTS</b>		
Name and Address of Author (of Geo-Technical Report) <b>W.C. HOOD, Box 1722, BEAUSEJOUR, MAN. ROEOCO</b>	Date of Survey (from & to) Day: <b>8</b> Mo: <b>2</b> Yr: <b>90</b> Day: <b>14</b> Mo: <b>8</b> Yr: <b>90</b>	

Credits Requested per Each Claim in Columns at right

Mining Claims Traversed (List in numerical sequence)

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)	- Other	
<b>Man Days</b> Complete reverse side and enter total(s) here	Geophysical	Days per Claim
	- Electromagnetic	
	- Magnetometer	
	- Other	
	Geological	<b>9</b>
	Geochemical	
<b>Airborne Credits</b> Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	Days per Claim
	Magnetometer	
	Other	
Total miles flown over claim(s).		
Date	Recorded Holder or Agent (Signature)	

Mining Claim		Mining Claim		Mining Claim	
Prefix	Number	Prefix	Number	Prefix	Number
Pa.	1054715				
Pa.	1097462				
Pa.	1097463				
Pa.	1097464				
Pa.	1097465				
Pa.	1119687				
<b>RECEIVED</b>					
<b>JAN 21 1991</b>					
<b>MINING LANDS SECTION</b>					
Total number of mining claims covered by this report of work.					<b>6</b>

MINING RECORDER  
 PATRICIA  
 MINING DIVISION

30 DEC 19 90 13

**Certification Verifying Report of Work**

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

Name and Address of Person Certifying  
**WILLIAM C. HOOD, Box 1722, BEAUSEJOUR, MANITOBA**  
**ROEOCO**

Telephone No. **(204) 268-3475** Date **DEC. 17/90** Certified By (Signature) *William C. Hood*

**For Office Use Only**

Received Stamp  
**RECORDED**  
 DEC. 10/90

Total Days r. Recorded	Date Recorded	Mining Recorder
	<i>Dec. 10/90</i>	<i>R. Mayhew</i>
Date Approved as Recorded	Provincial Manager, Mining Lands	
<i>Jan. 28/91</i>	<i>Ron C. Goshinski</i>	

## Assessment Work Breakdown

Man Days are based on eight (8) hour Technical or Line-cutting days. Technical days include work performed by consultants, draftsmen, etc..

Type of Survey												
Technical Days	X	7	=	Technical Days Credits	+	Line-cutting Days	=	Total Credits	+	No. of Claims	=	Days per Claim
8				56		2		58		6		9

Type of Survey												
Technical Days	X	7	=	Technical Days Credits	+	Line-cutting Days	=	Total Credits	+	No. of Claims	=	Days per Claim

Type of Survey												
Technical Days	X	7	=	Technical Days Credits	+	Line-cutting Days	=	Total Credits	+	No. of Claims	=	Days per Claim

Type of Survey												
Technical Days	X	7	=	Technical Days Credits	+	Line-cutting Days	=	Total Credits	+	No. of Claims	=	Days per Claim

W. C. HOOD GEOLOGICAL CONSULTING

508 Elm Avenue, P.O. Box 1722  
Beausejour, Manitoba R0E 0C0  
(204) 268-3475

November 29, 1990

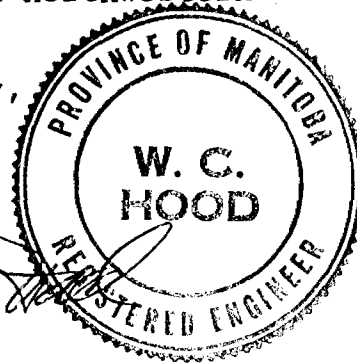
Mining Lands Section  
Ministry of Northern Development and Mines  
159 Cedar Street  
SUDBURY, Ontario  
P3E 6A5

**2.13722**

Dear Sir:

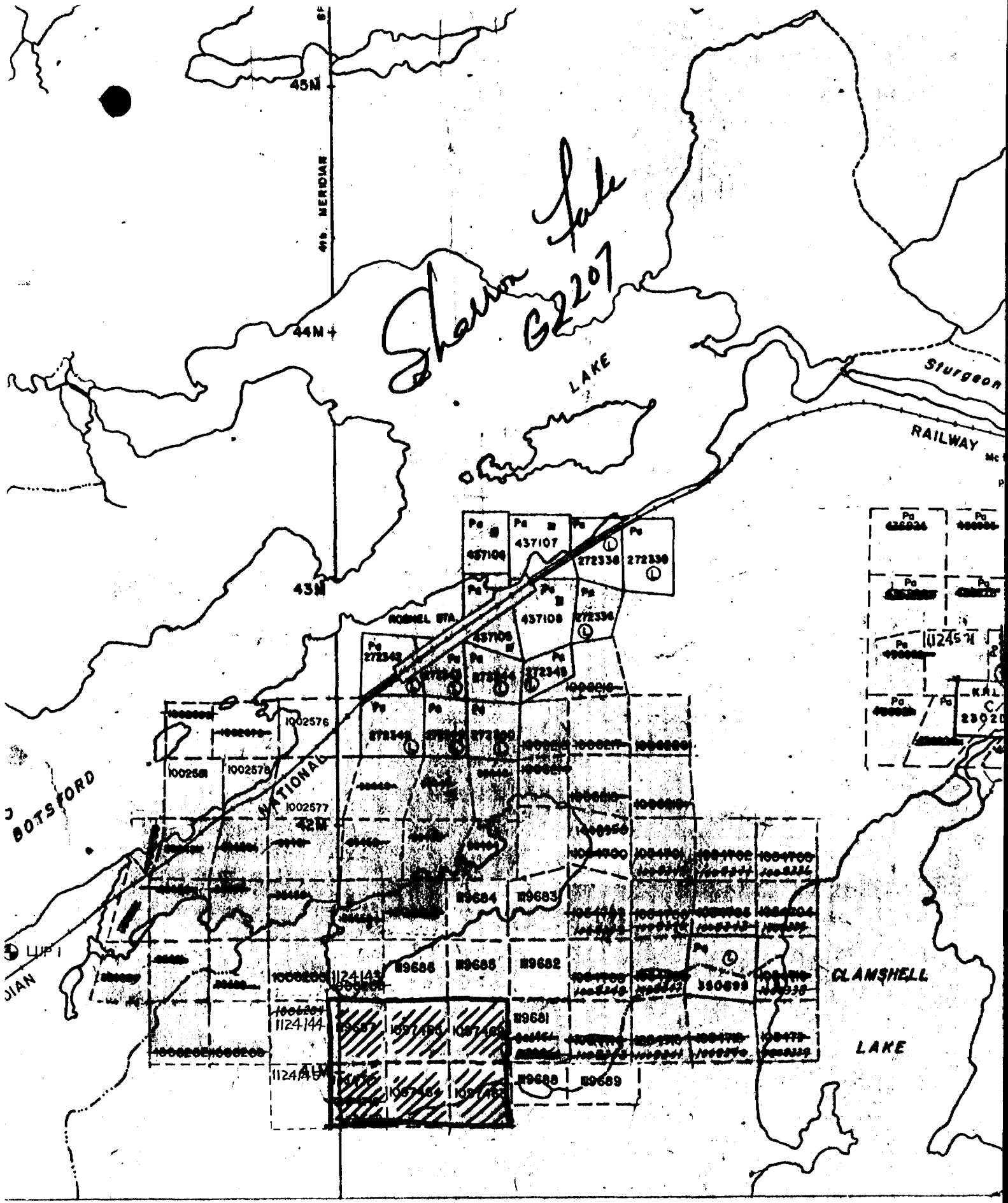
I, William C. Hood of the Town of Beausejour, in the Province of Manitoba, do hereby certify that the expenditure of \$1,129.30, for which receipt copies are attached, is the true and correct cost of humus and rock sample analyses being claimed for assessment credit on claims Pa.1054715, 1097462 through 1097465, and 1119687 in the Sharron Lake area (G-2207) near Sioux Lookout in northwestern Ontario.

Yours truly,



William C. Hood, P.Eng.

WCH/lh



*Shawn Lake  
G2207*

38' 37' 36' 35' 34'

ARN LAKE AREA G-2277

July 11/90 R.  
 Aug 19/90 L.  
 Aug 2/90  
 Aug 11/90 C.  
 Aug 21/90 K.  
 Oct 3/90 R.

HOLGER LAKE AREA G-2069

- SAND AND GRAVEL
- ① QUARRY PERMIT
  - ② GRAVEL FILE # 179728
  - ③ M.N.R. GRAVEL PIT # 1F-22
  - ④ M.N.R. GRAVEL PIT # 30 FILE 179728
  - ⑤ M.T.C. GRAVEL PIT # 1F-26
  - ⑥ M.T.C. GRAVEL PIT # 1F-23

**LEGEND**

PATENTED LAND	Ⓟ
CROWN LAND SALE	C.S.
LEASES # 5+L, 5+L2	Ⓛ
LOCATED LAND	Ⓛ
LICENSE OF OCCUPATION	L.O.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
ROADS	—
IMPROVED ROADS	—
KING'S HIGHWAYS	—
RAILWAYS	—
POWER LINES	—
MARSH OR MUSKOGES	—
MINES	—
CANCELLED	—

**REFERENCES**

**AREAS WITHDRAWN FROM DISPOSITION**

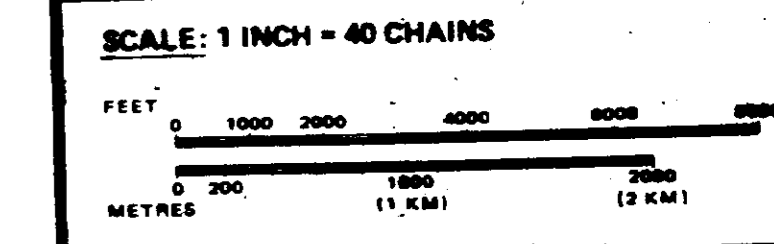
M.R.O. - MINING RIGHTS ONLY  
 S.R.O. - SURFACE RIGHTS ONLY  
 M.L. & S. - MINING AND SURFACE RIGHTS

Disposition	Order No.	Date	Disposition	File
①	SEC. 43/70	W 24/78	S.R.O.	179728
②	LUP 1	PRIVATE RECREATION CAMP		

Mar 27/86  
 Aug 18/86  
 July 1/87  
 Nov 10/87  
 Dec 22/88  
 April 27/89  
 Nov 17/89

Sept 7/90  
 SEPT. 13/89  
 JAN. 15/90

**FLOODING**  
 LAC SEUL RESERVING RIGHT TO FLOOD AND OVERFLOW TO CONTOUR ELEV. 1172  
 FILE # 149,90



**AREA**

**SHARRON LAKE**

M.N.R. ADMINISTRATIVE DISTRICT  
 SIOUX LOOKOUT  
 MINING DIVISION  
 PATRICIA  
 LAND TITLES / REGISTRY DIVISION  
 KENORA

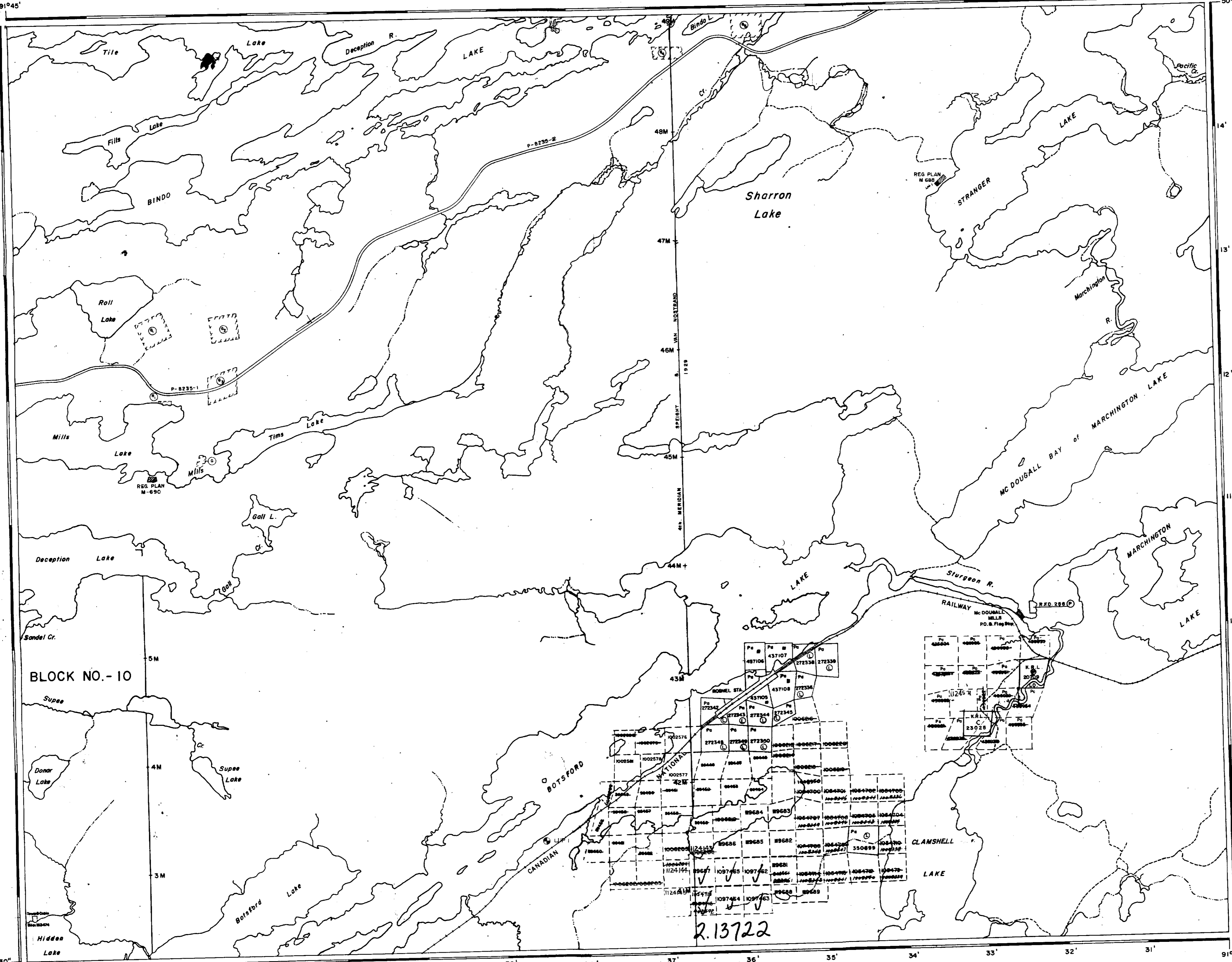
RECEIVED  
 OCT 4  
 PATRICIA DIVISION

Ministry of Natural Resources  
 Land Management Branch

Date: FEBRUARY, 1994  
 Number: **G-220**

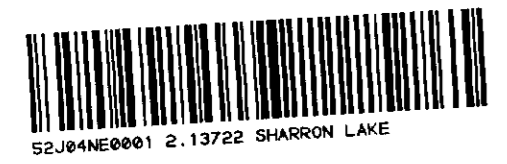
GROVE LAKE AREA G-2057

BADSHOT LAKE AREA G-1944

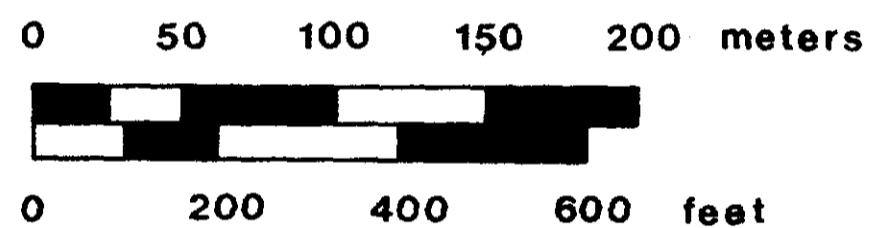
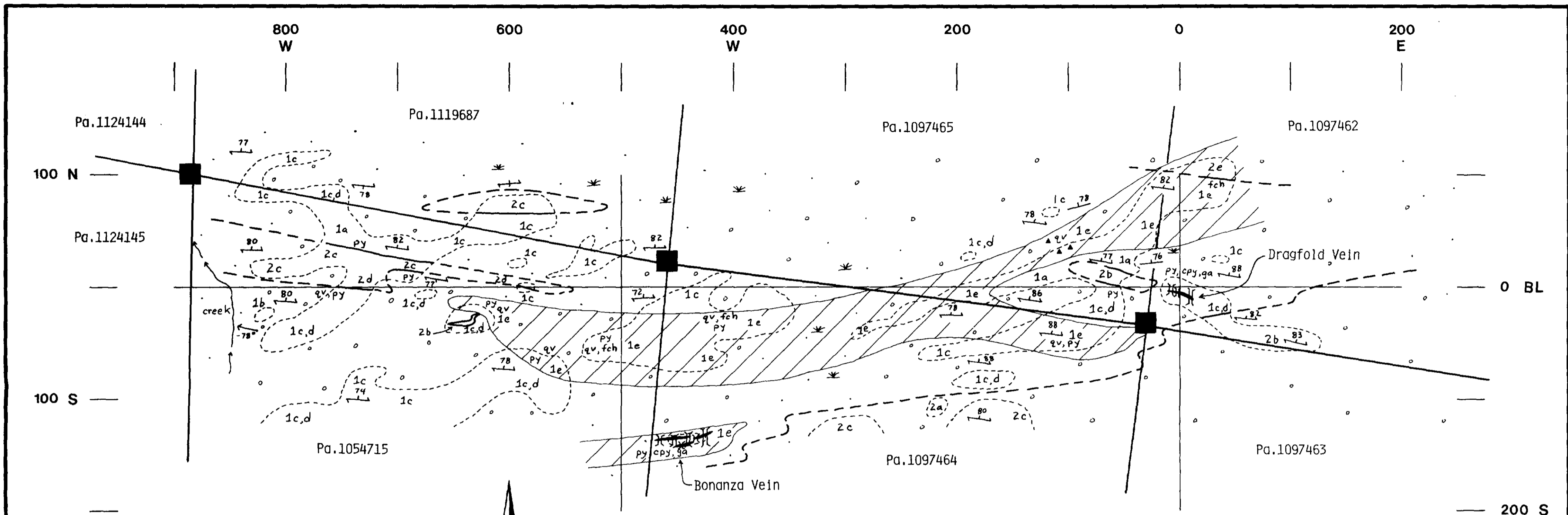


2.13722

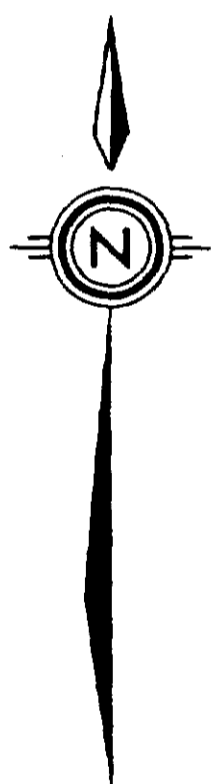
ZARN LAKE AREA G-2277







SCALE 1:2500

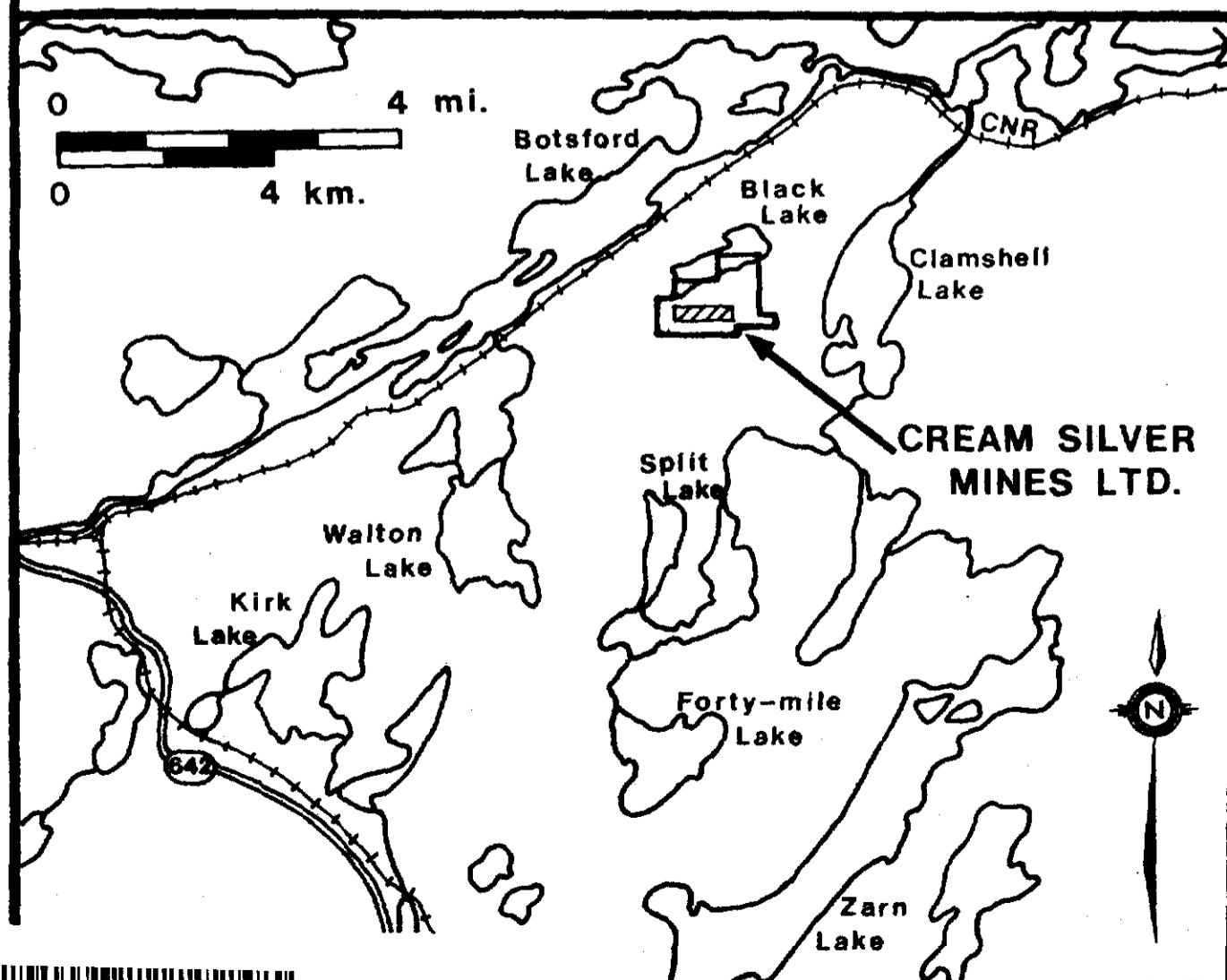


**SYMBOLS**

- Outcrop
- Geologic contact; defined, assumed
- Foliation; dipping, vertical
- Bedding
- Lineation
- Pervasive carbonate alteration
- Trench
- Quartz vein; in outcrop, float
- qv Quartz veining/stockwork
- fch Fuchsite
- py Pyrite
- cpy Chalcopyrite
- ga Galena
- Claim post; line
- Soil, clay, peat
- Boulders, gravel
- Swampy area

**LEGEND**

- 1** Mafic Volcanic Rocks
  - a) andesite; unsubdivided
  - b) andesite; coarse fragmental
  - c) andesite tuff; sheared
  - d) andesite tuff; weakly carbonatized
  - e) andesite; pervasively carbonatized
- 2** Felsic Volcanic Rocks (may be in part intrusive)
  - a) rhyolite; unsubdivided
  - b) dacite; unsubdivided
  - c) quartz-feldspar porphyry; sheared
  - d) sericite schist
  - e) dacite; sheared, carbonatized



2.13722  
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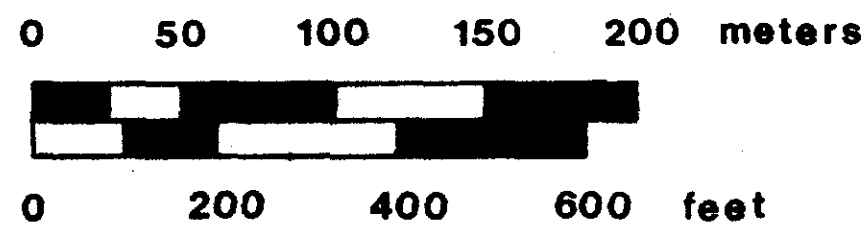
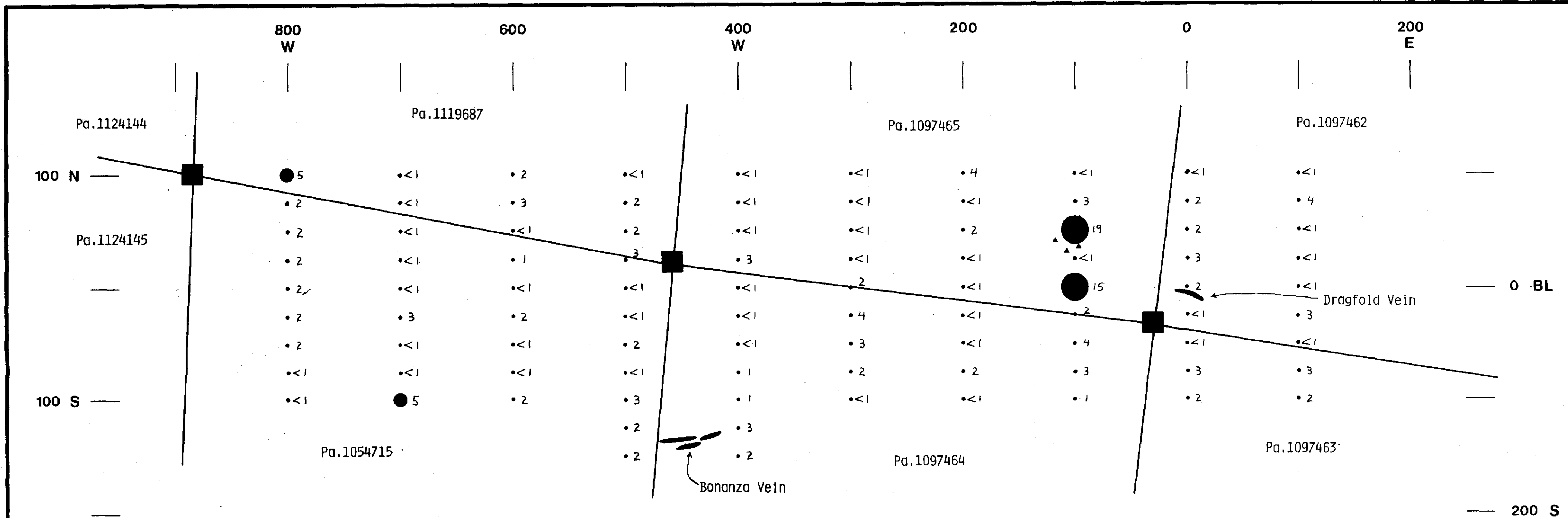
**CREAM SILVER MINES LTD.**

**BLACK LAKE PROPERTY**

**GEOLOGY**

MAP I    SEPT./90    BH





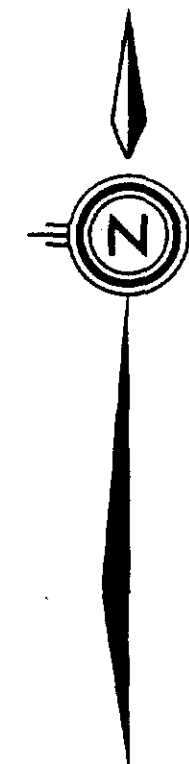
SCALE 1: 2500

### SYMBOLS

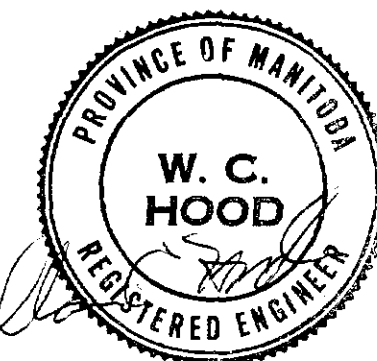
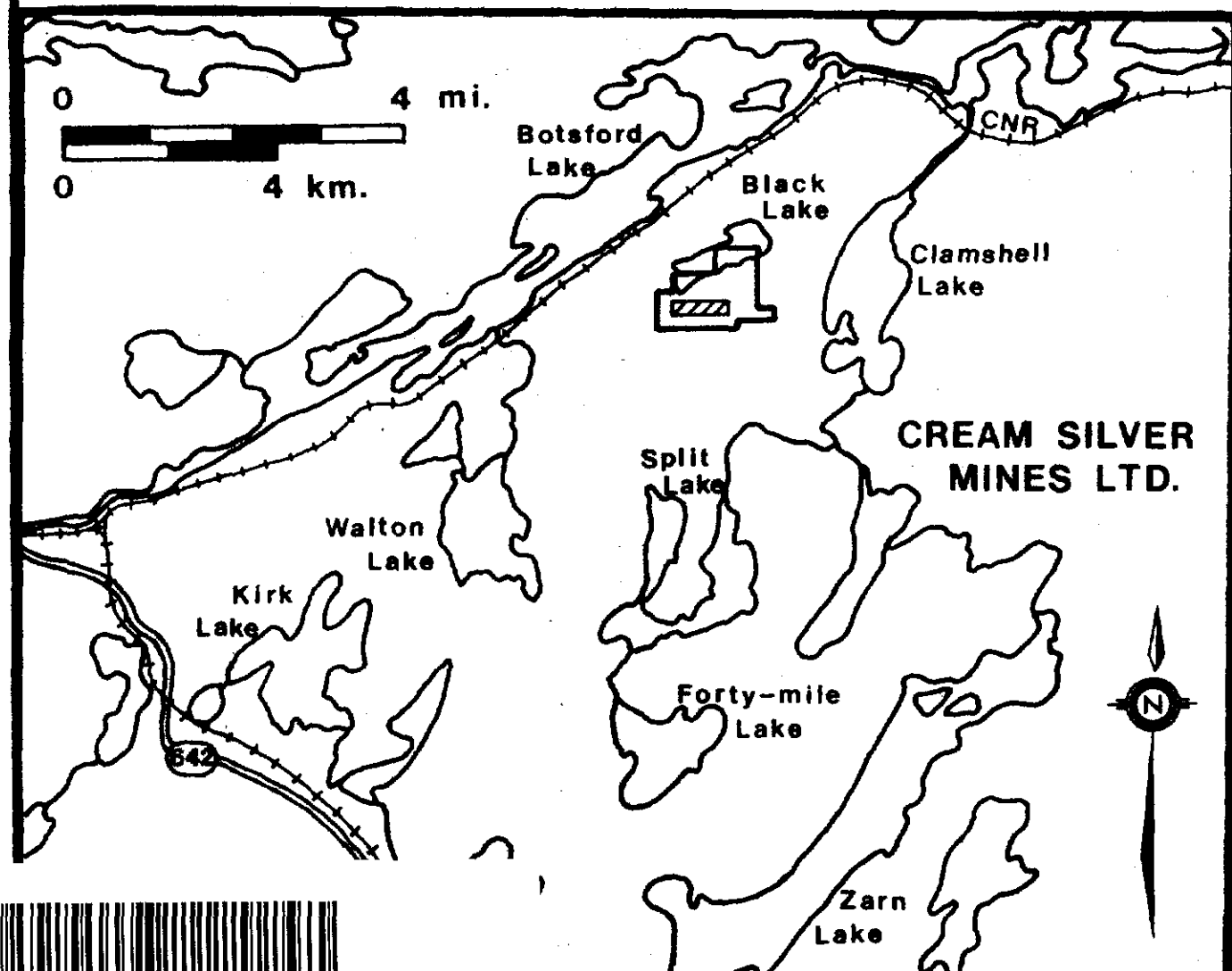
- Quartz vein; in outcrop, float
- Claim post; line

#### GOLD IN HUMUS (by INAA)

- less than 5 ppb
- 5 to 14 ppb
- greater than 14 ppb



*W. C. Hood Geological Consulting* **2,137,222**



<b>CREAM SILVER MINES LTD.</b>		
<b>BLACK LAKE PROPERTY</b>		
<b>HUMUS GEOCHEMISTRY</b>		
MAP II	SEPT./90	BH

