

41P12SW0122 2.11055 YEO

010

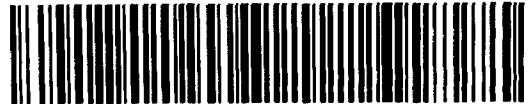
CONSOLIDATED SILVER BUTTE MINES LTD.
REPORT ON VLF-EM AND GEOCHEMICAL SURVEYS
CLAIMS P-681635, 636, 722941, 946 &
742775 to 778 incl.
YEO TOWNSHIP, PORCUPINE M.D., ONTARIO.

RECEIVED

APR 19 1988

MINING LANDS SECTION

J. Bankowski, B.Sc.
February, 1988.



PAGE

CONTENTS

1	.....	INTRODUCTION
1	.....	LOCATION AND ACCESS
1	.....	PREVIOUS WORK
2	.....	FIG. 1, CLAIM LOCATION MAP
3	.....	GEOLOGY
4	.....	VLF-EM SURVEY
6	.....	GEOCHEMICAL SURVEY
7	.....	CONCLUSIONS AND RECOMMENDATIONS
9	.....	CERTIFICATE
10	.....	REFERENCES

APPENDIX

11-13	.....	ASSAY CERTIFICATES
FIGURE 2	.....	VLF PROFILE & FILTERED MAP
FIGURE 3	.....	GEOCHEMICAL (Au & Ag) MAP
FIGURE 4	.....	BULLDOZER STRIPPING & SAMPLING SKETCH JHB

INTRODUCTION

A grid with 400 by 100 foot spacings was established and a VLF-EM survey and geochemical sampling conducted on the property during the period Nov. 7 to 26, 1987.

The work was conducted by a geologist and 3 local helpers, J. Bankowski, K. Monahan, J. Black and J. Wierda respectively.

Readings on the Geonics EM-16 unit were taken every 100 feet along the lines facing north and using Cutler, Maine @ 24.0 KHz as the primary transmitter (T).

Soil samples of the B-horizon were also taken every 100 feet along the lines except in areas of swampy ground and were sent to Bell-White Laboratories of Haileybury, Ontario for analyses.

All 8 claims are currently in good standing and are registered to Consolidated Silver Butte Mines Ltd., Bank of Canada Bldg., #901 - 900 West Hastings St., Vancouver. B.C..

LOCATION AND ACCESS

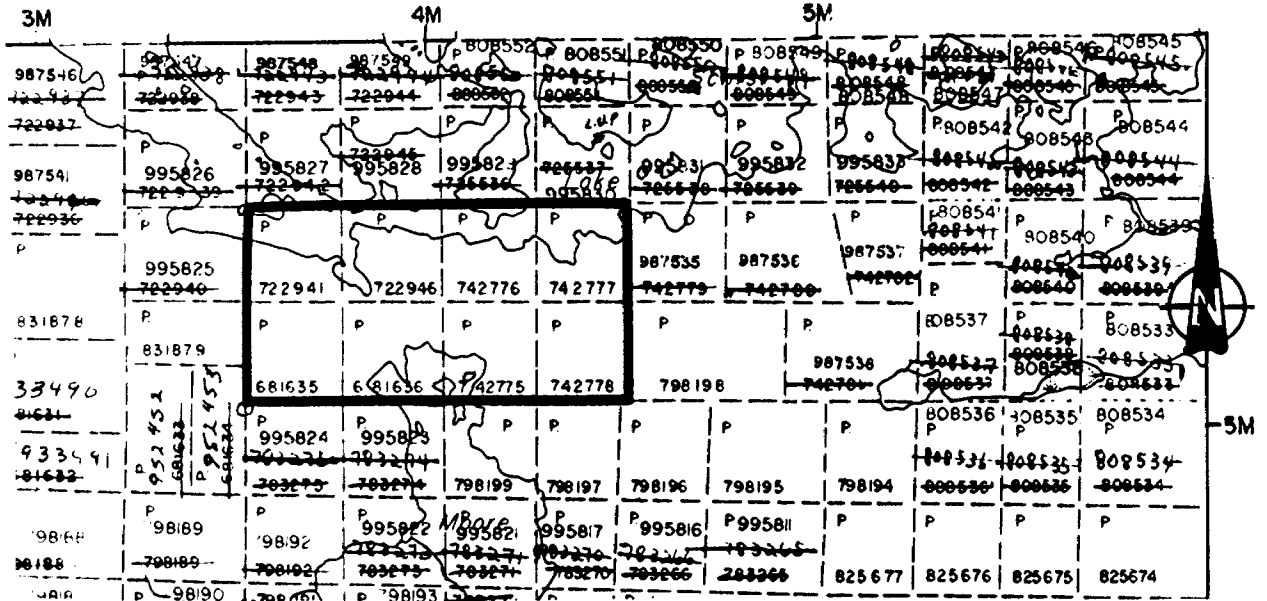
The claims are located in the northeastern portion of Yeo Twp.. The main access to the claims is via an E.B. Eddy Co. logging road which arcs through the southeast part of the property and joins the Chester road about 1 mile east of the claims (Figure 1). The intersection with the Chester road is about 8 miles north of Sultan road which is Eddy Co.'s main haulage road and this intersection is about 4 miles west of Hwy. #144. From this point, the town of Gogama is about 20 miles to the north.

The personnel conducting the work travelled daily to the work-site by truck from a camp in NE Chester Twp..

PREVIOUS WORK

Cominco conducted geological mapping and a magnetic survey over the claims and surrounding area and drilled 3 diamond drill holes just west of the property in 1980 to test an iron-formation which appears to strike across the area. Values up to 170 ppb Au and minor base metal values were obtained over 1.5 metres. The work was apparently directed at base metals and not precious metals.

The claims and surrounding area were also covered by an airborne VLF-EM and magnetometer survey by Terraquest in 1985.



TOWNSHIP

YEO

Number

G-2481

SCALE: 1 INCH = 40 CHAINS

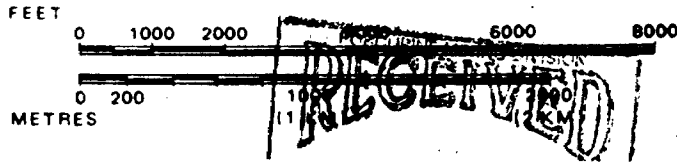


FIGURE 2 - CLAIM LOCATION MAP

GEOLOGY

The claims are completely underlain by Archean tholeiitic basalt and tuffaceous, felsic volcanics. These rocks are intruded by a dioritic intrusive of unknown age suspected to be early Archean and genetically related to the felsic intrusive complex in Chester Twp. to the east. Several small bodies of early Archean quartz-feldspar porphyry intrude the tholeiitic volcanics. A band of iron-formation is present and a body of migmatite mapped by Siragusa (Siragusa, G.M., 1981) which is here considered to be part of the dioritic intrusive mentioned above. A diabase dike is also present.

The northern portion of the property is underlain by tholeiitic basalt which is dark green, fine to medium-grained and generally massive. These volcanics have undergone regional greenschist metamorphism and host iron-formation which can be seen on the VLF-EM map (Figure 2).

The southern portion of the property is underlain by a monotonous sequence of felsic, tuffaceous volcanics which have also undergone greenschist metamorphism and tend to be light buff coloured with an appreciable content of iron and a "banded" appearance locally and are moderately to well foliated. These volcanics are also of Archean age. Both the basalt and the tuffaceous volcanics in the area are vertical to sub-vertically dipping and age determinations are difficult but pillows in tholeiitic basalt just south of Ash Lake about 2 miles south of the property, give a "north up" indication and indicate that north is the younging direction which would make the tuffaceous volcanics the older of the two volcanic units on the property.

A large body of intrusive diorite cuts through the center of the property and has apparently intruded along a fault through Moore Lake and is here referred to as the Moore Lake fault. Siragusa has not mapped the diorite or the fault but has mapped a small body of migmatite at the extreme west of the property and this is probably part of the intrusive diorite. An airborne VLF-EM anomaly and a wide zone (up to several hundred feet) of shearing exposed just south of Moore Lake offer evidence of a fault through Moore Lake at about 160° az. more or less parallel to the Mesomikenda Lake fault in Chester Twp. to the east.

West of the fault, the diorite tends to be massive and of a

GEOLOGY (CON'T.)

gabbroic nature and forms a lobate shape occupying virtually the entire SW quadrant of the property. East of the fault, the diorite forms a sill-like band about 700 feet thick and trending at about 102° az. which is composed of medium-grained diorite featuring ubiquitous zones of shearing up to 50 feet in width within which occur lenses of quartz with erratic sulphide mineralization and values in gold up to 0.52 oz./T..

A vein about 2½ feet wide and composed of up to 90% massive sulphide was uncovered by bulldozer stripping in the east-central portion of the property within sheared diorite and yielded grab samples to 0.146 oz. Au/T and 0.096 oz. Au/T over 39".

An old shaft corresponding to mineralized occurrence #7 on Siragusa's map (P. 2449) is also within sheared diorite to the east of the property and backhoe stripping and sampling by Canadian Gold Resources just west of the shaft exposed a zone of sheared and mineralized diorite which yielded 0.08 oz. Au/T over 12 feet (pers. comm.).

A dyke of early Archean quartz-feldspar porphyry intrudes the basalt in the north-central part of the property and a dyke of Proterozoic diabase cuts through the eastern part of the property.

Another old exploration shaft about ½ mile east of the property and corresponding to mineralized occurrence #8 on Siragusa's map is located at the contact of a quartz-feldspar body and gave low gold values.

VLF-EM SURVEY

A total of 6 VLF-EM cross-over conductors were defined from the survey (Figure 2). The conductors were designated "C-1" to "C-6" from west to east and not in a priority sequence.

An old abandoned hydro-line bisects the property from the upper NW¼ to the lower SE¼ at a bearing of about 110° az. and the old 3-strand copper cable is present in the west half of the property while E.B. Eddy Co. logging operations have removed most of the cable in the east half of the property. As a result, very high, erroneous readings masking any legitimate conductors were obtained for up to 500 feet on either side of the old copper cable in the west half of the property while any response near the hydro corridor on

VLF-EM SURVEY (CON'T.)

the east half of the property must be suspect due to possible pieces of the cable being present.

The location and description of the conductors is as follows;

<u>CONDUCTOR</u>	<u>LOCATION</u>	<u>DESCRIPTION</u>
"C-1"	L44W-7+50S	- max. in-phase response +5&-7% - very weak but coincides with a geochem. anomaly (Fig. 3)
"C-2"	L40W-0+40N	- max. in-phase response +45&-21% - moderate to strong conductor - probably caused by a fault through Moore Lake (airborn conductor in 1985 Terraquest survey through the lake)
"C-3"	L16W-9+60N to L4W-8+40N	- max. in-phase response +30&-25% - moderate intensity in area of known iron-formation
"C-4"	L8W-4+75N to L0-6+30N	- max. in-phase response +39&-13% - moderate intensity in area of known iron-formation
"C-5"	L24W-12S	- max. in-phase response +? (end of line)&-18% - weak to moderate response in tuffaceous volcanics with a spatial relationship to a broad geochemical anomaly (Fig. 3)
"C-6"	LOW-5+30S	- max. in-phase response +5&-1 - very weak but located within diorite

Areas of shearing in the diorite did not appear to give any noticeable response due to the disseminated nature of the sulphides present. Induced polarization (I.P.) would probably work better.

Conductor "C-1" at L44W-7+50S is located within the intrusive which is known to host gold mineralization within shear-zones and this conductor may be caused by a shear and should be closely examined on the ground. "C-2" is probably caused by a fault running NNW and SSE and which is outlined on the 1985 Terraquest airborne VLF-

VLF-EM SURVEY (CON'T.)

magnetometer survey. "C-3" & "C-4" are located in basalt in an area of known iron-formation and I.F. is the probable cause. "C-5" & "C-6" are very weak and may be caused by bits of cable from the old hydro-line.

All 6 conductors should be examined on the property and these examinations should be incorporated into a geological mapping survey.

GEOCHEMICAL SURVEY

A total of 183 soil samples of the B-horizon were taken at 100 foot intervals and yielded 9 anomalous areas labelled "A-1" to "A-9" (Figure 3) with Au values in excess of 10 ppb.

Ag was detected in the majority of samples and averaged 0.3-0.4 ppm.

The maximum Au and Ag values obtained from the survey were 40 ppb and 1.0 ppm respectively.

The location and description of the anomalous areas is as follows;

<u>ANOMALY</u>	<u>LOCATION</u>	<u>DESCRIPTION</u>
"A-1"	L44W-7S	- one-station anom. but coincides with a weak VLF-EM conductor - located within gabbro-diorite & may be related to a shear-zone - max. value 18 ppb Au
"A-2"	L24W-2N	- one-station anom. in diorite near volcanic contact - probable shear-zone - max. value 22 ppb Au
"A-3"	L28W-1S to BL-L12W	- four station anom. forming a band up to 300 feet long and more than 1200 feet in length - corresponds to an area of known mineralization, max. 20 ppb Au
"A-4"	L8W-2N	- one-station anom. in volcanics just south of known I.F. - possible shear - max. value 40 ppb Au
"A-5"	L4W-3S	- one-station anom. in diorite and corresponds to an area of known Au mineralization - max. value 12 ppb Au

GEOCHEMICAL SURVEY (CON'T.)

<u>ANOMALY</u>	<u>LOCATION</u>	<u>DESCRIPTION</u>
"A-6"	L24W-8S to L20W-7S	- strike length of 400 feet at about 80° az. and cuts south contact of diorite - max. value 12 ppb
"A-7"	L16W-10S to L12W-10S	- core of 20 and 22 ppb Au respectively forming strike length of 400 feet due E-W and surrounded by a broad anomaly of 10 to 20 ppb Au which is up to 1400 feet long - this anomaly also cuts the south contact of the diorite with the core in volcanics - may be mineralized shear-zone
"A-8"	L20W-7N	- weak, one-station anomaly in volcanics - max. value 12 ppb Au
"A-9"	L12W-10N	- weak, one-station anomaly in volcanics - max. value 16 ppb Au

As with the VLF-EM conductors, it is recommended that the areas around all 9 anomalies be examined on the ground to determine their cause and these examinations should be part of a geological mapping survey.

CONCLUSIONS AND RECOMMENDATIONS

Known shear-zones on the property within the diorite did not apparently give any noticeable response during the current VLF survey. This is possibly explained by the disseminated nature of the sulphides within the shear-zones. An induced polarization survey (I.P.) would perhaps be better suited to delineate these areas.

Conductor "C-1" is weak but is located within the intrusive west of the fault and is also coincident with a geochemical (Au) anomaly and should be closely examined for a possible shear-zone in this area. Mineralized shears in the intrusive west of the fault are not known at present and this may represent a new mineralized area. "C-6" is also within the diorite but is east of the fault in an area of known shearing and should be closely examined.

All other VLF conductors outlined are not considered to be very promising due to their suspected cause and location but should be

CONCLUSIONS AND RECOMMENDATIONS (CON'T.)

still be closely examined on the ground to establish their cause.

Geochemical anomaly "A-1" coincides with conductor "C-1" and as previously stated, should be closely examined on the ground. "A-2" is in the general area of known shearing and gold mineralization within the diorite at the contact of the volcanics to the north and this area too should be closely investigated on the ground to see if it corresponds to a mineralized but currently unknown shear-zone. The remainder of the anomalies correspond to known mineralization or are located in what is considered to be unfavourable geology but should be closely examined since the geology on the property is not yet well understood and may in fact be related to mineralized zones parallel to but outside of the dioritic intrusive.

It is recommended that all of the VLF-EM conductors and the Au geochemical anomalies be closely investigated on the ground. The ground investigations should be incorporated into a geological mapping survey during the summer of 1988.

The claims currently have sufficient assessment credit to qualify for leasing and as such should require only applying for an extension to lease in each year prior to their anniversary dates for a period of up to five years, but as stated, the geology on the property is not well understood and a geological mapping program would be valuable.

Significant values in gold (up to 0.52 oz. Au/T) have been obtained from the diorite-hosted shear-zones over a known strike length of 2200 feet at present with excellent potential for increasing this strike length to the west which has not been explored. This property appears to be quite attractive and warrants further work.

Respectfully submitted

J. Bankowski
J. Bankowski, B.Sc.
February, 1988.

CERTIFICATE

I, Joseph H. Bankowski, do hereby certify:

- 1 - that I am an exploration geologist residing at 88 Edgedale Dr., N.W., Calgary, Alberta;
- 2 - that I am a graduate of the University of Western Ontario, 1980 with a B.Sc. (Geology) and also a graduate of Cambrian College, Sudbury, Ontario, 1972 (Geol. Tech.);
- 3 - that I have been engaged in the practice of my profession since graduating;
- 4 - that I have no interest, direct or indirect, nor do I expect to receive any such interest in the properties or securities of Consolidated Silver Butte Mines Ltd.

Joseph H. Bankowski
Geologist, B.Sc.



Dated: February, 1988.

REFERENCES

Siragusa, G.M.

1981: Precambrian Geology of Chester and Yeo Tps., and parts of Neville and Poier Tps., Sudbury District; Ontario Geological Survey Preliminary Map P. 2449, Geological Series, Scale 1:15,480 or 1 inch to 3/4 mile, Geology 1980.

APPENDIX



BELL - WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187.

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

Page 1 of 3

NO. 4043

DATE: December 16, 1987

SAMPLE(S) OF: Soils (183)

RECEIVED: December 1987

SAMPLE(S) FROM: Mr. J. Bankowski, GOGAMA, Ontario

PROJECT: Yeo Twp.

Sample Identification	Au ppb	Ag ppm	Sample Identification	Au ppb	Ag ppm
L00+1N	6	0.4	L8W+1S	6	0.2
L00+2N	4	0.4	L8W+2S	2	0.4
L00+3N	8	0.4	L8W+3S	8	0.6
L00+4N	6	1.0	L8W+4S	2	0.4
L00+6N	4	0.4	L8W+5S	8	0.2
L00+7N	6	0.2	L8W+6S	10	0.4
L00+8N	4	0.2	L8W+7S	4	0.6
L00+9N	6	0.8	L8W+8S	2	0.2
L00+1S	4	0.4	L8W+9S	2	0.2
L00+4S	4	ND	L8W+11S	6	0.6
L00+5S	2	0.2	L12W+1N	6	0.4
L00+10S	6	0.2	L12W+2N	8	0.2
L00+11S	4	0.4	L12W+4N	4	0.2
L00+12S	8	0.2	L12W+6N	8	0.2
L4W+7N	4	0.4	L12W+7N	4	0.2
L4W+8N	6	0.4	L12W+8N	6	0.6
L4W+9N	4	0.2	L12W+9N	8	0.2
L4W+10N	10	0.4	L12W+10N	16	0.2
L4W+12N	6	0.4	L12W+1S	8	0.2
L4W+13N	4	ND	L12W+2S	8	0.2
L4W+1S	4	0.2	L12W+3S	8	0.2
L4W+2S	6	ND	L12W+4S	6	0.2
L4W+3S	12	0.2	L12W+5S	2	0.6
L4W+4S	8	0.2	L12W+6S	12	0.2
L4W+9S	4	0.2	L12W+7S	14	0.2
L8W+1N	6	0.2	L12W+8S	6	0.4
L8W+2N	40	0.2	L12W+10S	22	0.2
L8W+6N	2	ND	L12W+13S	6	0.2
L8W+8N	6	ND	L12W+14S	20	0.6
L8W+9N	4	ND	L12W+15S	4	0.6
L8W+10N	2	ND	L16W+1S	18	0.8

NOTE: ND denotes not detected.

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.



BELL - WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187.

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

Page 2 of 3

NO. 4043

DATE: December 16, 1987

SAMPLE(S) OF: Soils (183)

RECEIVED: December 1987

SAMPLE(S) FROM: Mr. J. Bankowski, GOGAMA, Ontario

PROJECT: Yeo Twp.

Sample Identification	Au ppb	Ag ppm	Sample Identification	Au ppb	Ag ppm
L16W+2S	6	0.4	L24W+2N	22	ND
L16W+3S	6	0.2	L24W+3N	4	ND
L16W+4S	8	0.2	L24W+1S	14	0.2
L16W+5S	12	0.2	L24W+2S	20	0.2
L16W+6S	4	0.2	L24W+3S	8	0.2
L16W+7S	8	ND	L24W+4S	10	0.2
L16W+9S	8	0.2	L24W+5S	8	ND
L16W+10S	20	0.4	L24W+6S	2	ND
L16W+11S	2	0.6	L24W+7S	8	0.2
L16W+12S	4	0.4	L24W+8S	12	0.4
L16W+13S	2	ND	L24W+9S	6	0.4
L20W+1N	8	0.8	L24W+10S	14	0.6
L20W+2N	2	0.4	L24W+11S	4	0.2
L20W+3N	4	0.4	L24W+12S	6	0.4
L20W+4N	6	ND	L28W+1N	8	0.2
L20W+5N	10	0.2	L28W+2N	6	ND
L20W+6N	2	0.2	L28W+3N	8	ND
L20W+7N	12	0.2	L28W+4N	4	ND
L20W+9N	6	ND	L28W+5N	2	0.2
L20W+1S	8	0.2	L28W+8N	2	0.2
L20W+2S	18	0.2	L28W+9N	4	0.4
L20W+3S	6	0.2	L28W+10N	2	0.4
L20W+4S	6	0.2	L28W+11N	6	0.4
L20W+5S	6	0.4	L28W+1S	10	ND
L20W+6S	6	0.2	L28W+2S	4	0.2
L20W+7S	12	0.2	L28W+3S	4	0.2
L20W+8S	8	0.4	L28W+4S	4	ND
L20W+11S	10	0.4	L32W+2N	8	0.2
L20W+12S	4	0.4	L32W+3N	2	0.2
L24W+1N	6	0.2	L32W+4N	4	0.2

NOTE: ND denotes not detected.

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.



BELL - WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187.

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

Page 3 of 3

NO. 4043

DATE: December 16, 1987

SAMPLE(S) OF: Soils (183)

RECEIVED: December 1987

SAMPLE(S) FROM: Mr. J. Bankowski, GOGAMA, Ontario

PROJECT: Yeo Twp.

Sample Identification	Au ppb	Ag ppm	Sample Identification	Au ppb	Ag ppm
L32W+6N	4	0.2	L40W+4S	6	ND
L32W+7N	4	0.2	L44W+1N	6	0.4
L32W+8N	2	0.2	L44W+2N	2	0.2
L32W+9N	2	0.2	L44W+3N	4	ND
L32W+10N	4	0.2	L44W+4N	2	ND
L32W+11N	4	0.2	L44W+5N	4	0.4
L32W+12N	2	0.4	L44W+1S	4	0.4
L32W+4S	2	ND	L44W+2S	6	ND
L36W+1N	2	ND	L44W+3S	2	ND
L36W+2N	4	ND	L44W+4S	6	0.2
L36W+3N	4	ND	L44W+5S	2	ND
L36W+4N	4	0.2	L44W+6S	4	0.2
L36W+5N	6	ND	L44W+7S	18	0.2
L36W+6N	8	ND	L44W+8S	2	ND
L36W+7N	8	0.4	L44W+9S	4	0.2
L36W+8N	4	0.2	L44W+10S	2	ND
L36W+9N	6	ND	L48W+1N	4	0.4
L36W+10N	6	ND	L48W+2N	6	0.2
L36W+11N	4	ND	L48W+3N	4	0.4
L36W+12N	6	0.2	L48W+4N	6	ND
L36W+1S	4	ND	L48W+5N	6	0.2
L36W+2S	8	ND	L48W+6N	6	0.2
L40W+2N	2	ND	L48W+7N	8	0.2
L40W+3N	6	0.2	L48W+1S	10	0.2
L40W+6N	2	ND	L48W+2S	6	0.2
L40W+7N	4	0.2	L48W+3S	2	0.2
L40W+8N	6	0.4	L48W+4S	8	0.4
L40W+9N	2	0.4	L48W+5S	2	0.2
L40W+10N	4	0.2	L48W+7S	2	0.2
L40W+11N	2	ND	L48W+8S	6	0.2
L40W+12N	4	ND			

NOTE: ND denotes not detected.

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

Type of Survey(s) GRID, VLF-EM & GEOCHEMICAL (SOILS)	Township or Area YEO TWP.
Claim Holder(s) CONSOLIDATED SILVER BUTTE MINES LTD.	Prospector's Licence No. T-1977
Address BANK OF CANADA BLDG., #901-900 W. HASTINGS ST., VANCOUVER, B.C.	
Survey Company J. BANKOWSKI	Date of Survey (from & to) 7 11 87 | 26 11 87 Day | Mo. | Yr. | Day | Mo. | Yr.
Name and Address of Author (of Geo-Technical report) J. BANKOWSKI, 88 EDGE DALE DR. N.W., CALGARY, ALBERTA, T3A 2R4	

Credits Requested per Each Claim in Columns at right			Mining Claims Traversed (List in numerical sequence)		
Special Provisions	Geophysical	Days per Claim	Mining Claim		Expend. Days Cr.
			Prefix	Number	
For first survey: Enter 40 days. (This includes line cutting) For each additional survey: using the same grid: Enter 20 days (for each)	- Electromagnetic	40	P	681635	
	- Magnetometer			681636	
	- Radiometric			722941	
	- Other			722946	
Man Days Complete reverse side and enter total(s) here	Geophysical	Days per Claim		742775	
	- Electromagnetic			742776	
	- Radiometric			742777	
	- Geochemical			742778	
Airborne Credits Note: Special provisions credits do not apply to Airborne Surveys.	Geophysical	Days per Claim			
	- Electromagnetic				
	- Magnetometer				
	- Radiometric				

RECEIVED
APR 21 1988
RECORDED
MAR 29 1988
LANDS SECTION

RECORDED
MAR 29 1988

*Mining claim forfeit
Feb. 29/88
Cancelled
April 25/88
under Section
85(1)(c)
B.B. Binley*

*This work report is an amendment to W. 8806-098
B.B. Binley*

Expenditures (excludes power stripping)

RECEIVED
APR 21 1988

* Using Received Date From original Work Report Submission, i.e. W8806-098/1

Recorded effective March 29/88

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.

For Office Use Only

Total Days Cr. Recorded: 280

Date Recorded: March 29, 1988

Date Approved or Recorded: See reverse statement

Mining Recorder: [Signature]

Branch Director: [Signature]

Date: Apr. 18/88

Recorded Holder or Agent (Signature): J. Bankowski

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. BANKOWSKI, 88 EDGE DALE DR. N.W., CALGARY, ALTA. T3A 2R4

Date Certified: Apr. 18/88

Certified by (Signature): J. Bankowski

Total number of mining claims covered by this report of work. 78
B.B. Binley

GEOPHYSICAL TECHNICAL DATA

GROUND SURVEYS – If more than one survey, specify data for each type of survey

Number of Stations _____ Number of Readings _____

Station interval _____ Line spacing _____

Profile scale _____

Contour interval _____

MAGNETIC

Instrument _____

Accuracy – Scale constant _____

Diurnal correction method _____

Base Station check-in interval (hours) _____

Base Station location and value _____

ELECTROMAGNETIC

Instrument _____

Coil configuration _____

Coil separation _____

Accuracy _____

Method: Fixed transmitter Shoot back In line Parallel line

Frequency _____
(specify V.L.F. station)

Parameters measured _____

GRAVITY

Instrument _____

Scale constant _____

Corrections made _____

Base station value and location _____

Elevation accuracy _____

INDUCED POLARIZATION RESISTIVITY

Instrument _____

Method Time Domain Frequency Domain

Parameters – On time _____ Frequency _____

– Off time _____ Range _____

– Delay time _____

– Integration time _____

Power _____

Electrode array _____

Electrode spacing _____

Type of electrode _____

SELF POTENTIAL

Instrument _____ Range _____

Survey Method _____

Corrections made _____

RADIOMETRIC

Instrument _____

Values measured _____

Energy windows (levels) _____

Height of instrument _____ Background Count _____

Size of detector _____

Overburden _____

(type, depth - include outcrop map)

OTHERS (SEISMIC, DRILL WELL LOGGING ETC.)

Type of survey _____

Instrument _____

Accuracy _____

Parameters measured _____

Additional information (for understanding results) _____

AIRBORNE SURVEYS

Type of survey(s) _____

Instrument(s) _____

(specify for each type of survey)

Accuracy _____

(specify for each type of survey)

Aircraft used _____

Sensor altitude _____

Navigation and flight path recovery method _____

Aircraft altitude _____ Line Spacing _____

Miles flown over total area _____ Over claims only _____

GEOCHEMICAL SURVEY – PROCEDURE RECORD

Numbers of claims from which samples taken _____

Total Number of Samples _____

Type of Sample _____
(Nature of Material)

Average Sample Weight _____

Method of Collection _____

Soil Horizon Sampled _____

Horizon Development _____

Sample Depth _____

Terrain _____

Drainage Development _____

Estimated Range of Overburden Thickness _____

SAMPLE PREPARATION
(Includes drying, screening, crushing, ashing)

Mesh size of fraction used for analysis _____

General _____

ANALYTICAL METHODS

Values expressed in: per cent
 p. p. m.
 p. p. b.

Cu, Pb, Zn, Ni, Co, Ag, Mo, As, -(circle)

Others _____

Field Analysis (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Field Laboratory Analysis

No. (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Commercial Laboratory (_____ tests)

Name of Laboratory _____

Extraction Method _____

Analytical Method _____

Reagents Used _____

General _____



Ministry of
Northern Development
and Mines

Ontario

Ministère du
Développement du Nord
et des Mines

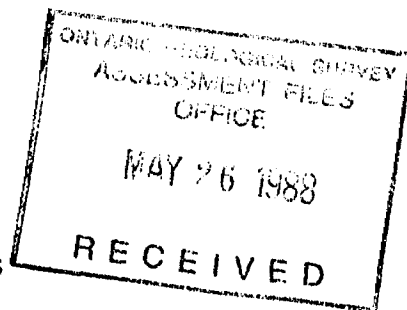
May 16, 1988

Your File: W8806-099
Our file: 2.11055

Mining Recorder
Ministry of Northern Development and Mines
60 Wilson Avenue
Timmins, Ontario
P4N 2S7

Dear Sir:

RE: Notice of Intent dated April 29, 1988
Geochemical Survey submitted on Mining Claims
P 681635 et al in the Township of Yeo



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, Manager
Mining Lands Section
Mines and Minerals Division

Whitney Block, Room 6610
Queen's Park
Toronto, Ontario
M7A 1W3

Telephone: (416) 965-4888

AB:AB:p1

Enclosure: Technical Assessment Work Credits

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

Resident Geologist
Timmins, Ontario

Consolidated Silver Butte Mines Ltd.
Bank of Canada Building
Suite 901
900 W. Hastings Street
Vancouver, B.C.
V6C 1E5



Recorded Holder
Consolidated Silver Butte Mines Ltd.

Township of ~~XXXX~~
Yeo

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical Electromagnetic _____ days Magnetometer _____ days Radiometric _____ days Induced polarization _____ days Other _____ days Section 77 (19) See "Mining Claims Assessed" column Geological _____ days Geochemical <u>40</u> days Man days <input type="checkbox"/> Airborne <input type="checkbox"/> Special provision <input checked="" type="checkbox"/> Ground <input checked="" type="checkbox"/> <input type="checkbox"/> Credits have been reduced because of partial coverage of claims. <input type="checkbox"/> Credits have been reduced because of corrections to work dates and figures of applicant.	P 681635 722946 742776-77-78

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

<u>20 days</u>	<u>10 days</u>
P 681636	P 722941

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.



Ministry of
Northern Development
and Mines

Ontario

Ministère du
Développement du Nord
et des Mines

July 19, 1988

Your file: W8806-161
Our file: 2.11055

Mining Recorder
Ministry of Northern Development and Mines
60 Wilson Avenue
Timmins, Ontario
P4N 2S7

Dear Sir:

Re: Notice of Intent dated July 4, 1988
Geochemical Survey
submitted on Mining Claim P 742775
in the Township of Yeo

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, Manager
Mining Lands Section
Mines & Minerals Division

Whitney Block, Room 6610
Queen's Park
Toronto, Ontario
M7A 1W3

Telephone: (416) 965-4888

AB AB:p1
Enclosure

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

Resident Geologist
Timmins, Ontario

Consolidated Silver Butte Mines Ltd.
Bank of Canada Building
Suite 901
900 W. Hastings Street
Vancouver, B.C.
V6C 1E5



Recorded Holder
Consolidated Silver Butte Mines Ltd.

Township ~~XXXXX~~
Yeo

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical Electromagnetic _____ days Magnetometer _____ days Radiometric _____ days Induced polarization _____ days Other _____ days Section 77 (19) See "Mining Claims Assessed" column Geological _____ days Geochemical <u>20</u> _____ days Man days <input type="checkbox"/> Airborne <input type="checkbox"/> Special provision <input checked="" type="checkbox"/> Ground <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Credits have been reduced because of partial coverage of claims. <input type="checkbox"/> Credits have been reduced because of corrections to work dates and figures of applicant.	P 742775

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

No credits have been allowed for the following mining claims

not sufficiently covered by the survey insufficient technical data filed

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

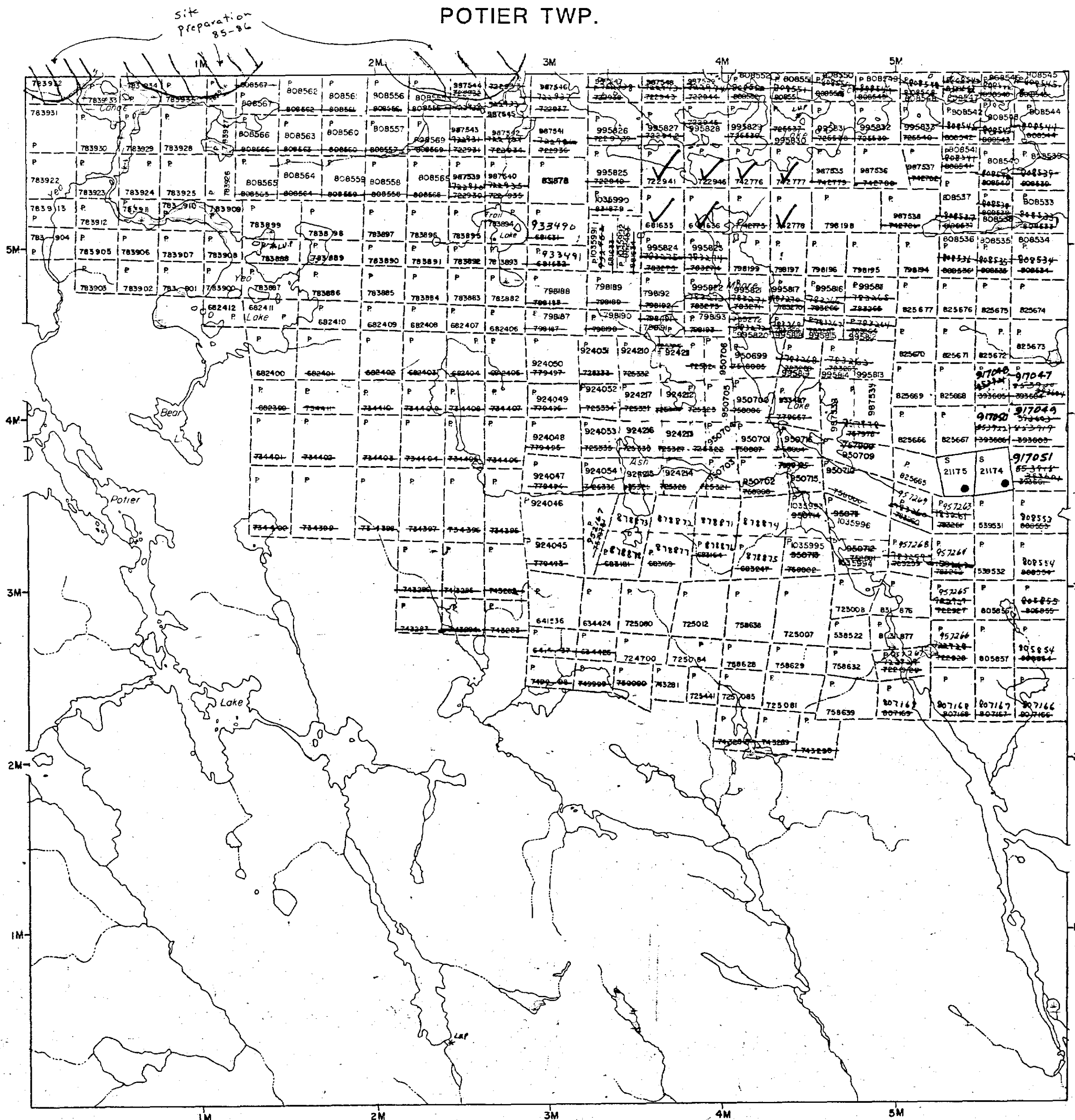
REFERENCES

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

POTIER TWP.



SMUTS TWP.

LEGEND

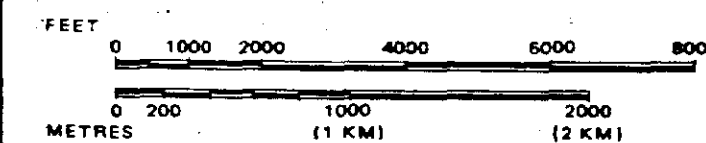
- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES:
 - TOWNSHIPS, BASE LINES, ETC.
 - LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES:
 - LOT LINES
 - PARCEL BOUNDARY
 - MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- 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, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 63, SUBSEC. 1.

SCALE: 1 INCH = 40 CHAINS



TOWNSHIP

YEO

M.N.R. ADMINISTRATIVE DISTRICT

GOGAMA

MINING DIVISION

PORCUPINE

LAND TITLES / REGISTRY DIVISION

SUDBURY



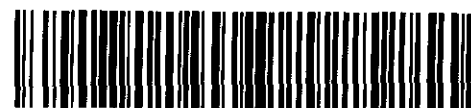
Ministry of Land
Natural Management
Resources Branch

Date OCTOBER, 1983

Number

receive of check
Mar 28/85

G-2481



4IP125W0122 2.11955 YEO

200

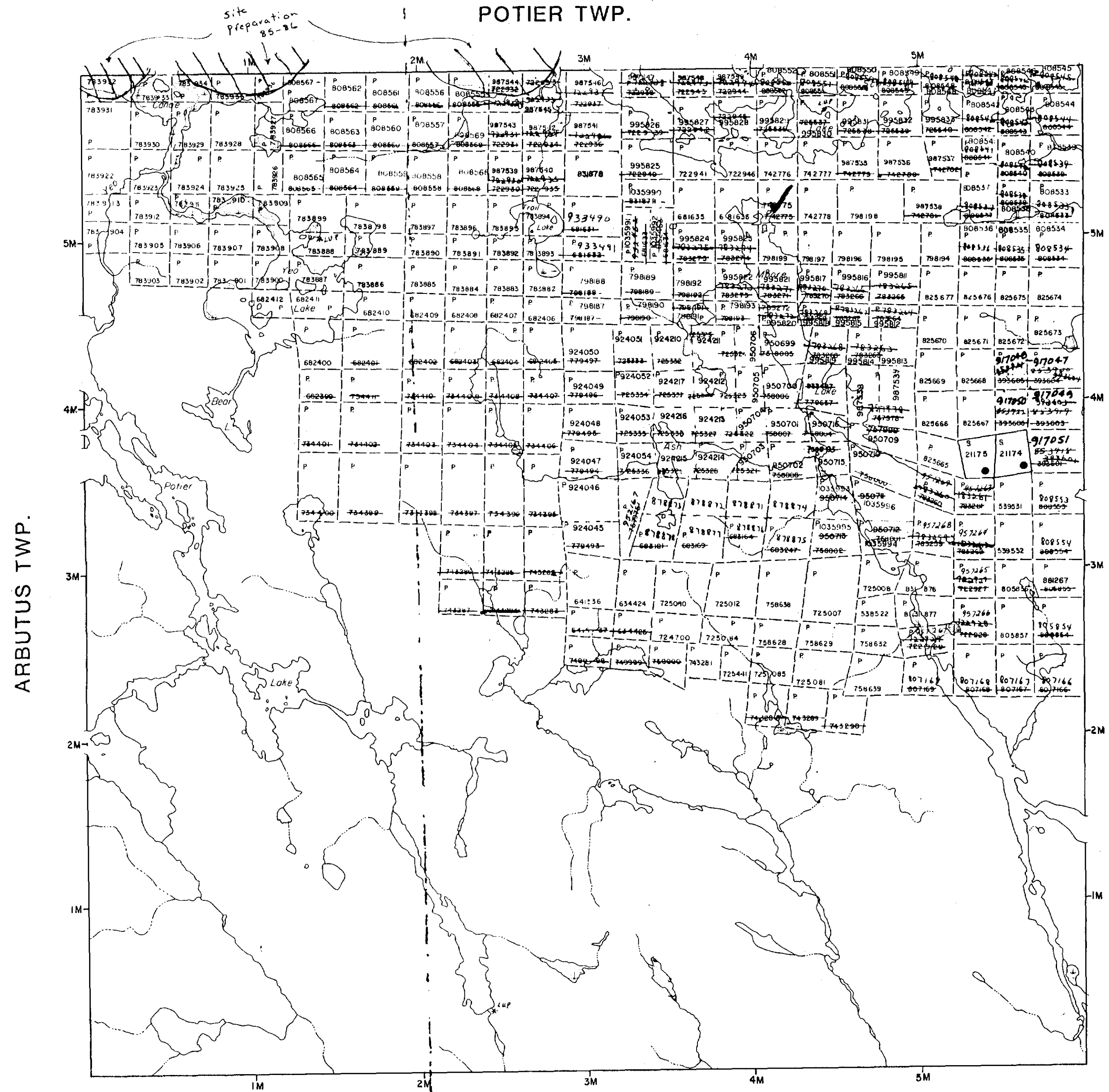
REFERENCES

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

POTIER TWP.



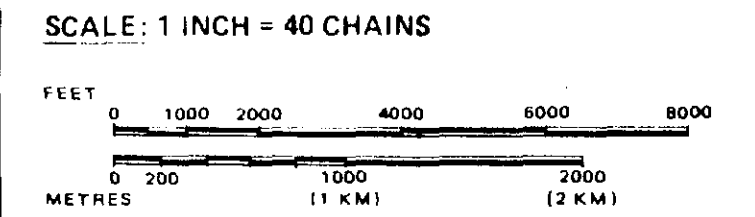
LEGEND

- 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, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 63, SUBSEC. 1.



TOWNSHIP

YEO

M.N.R. ADMINISTRATIVE DISTRICT

GOGAMA

MINING DIVISION JUN 15 1988

PORCUPINE

LAND TITLES / REGISTRY DIVISION

SUBBURY

Ministry of Natural Resources
Land Management Branch

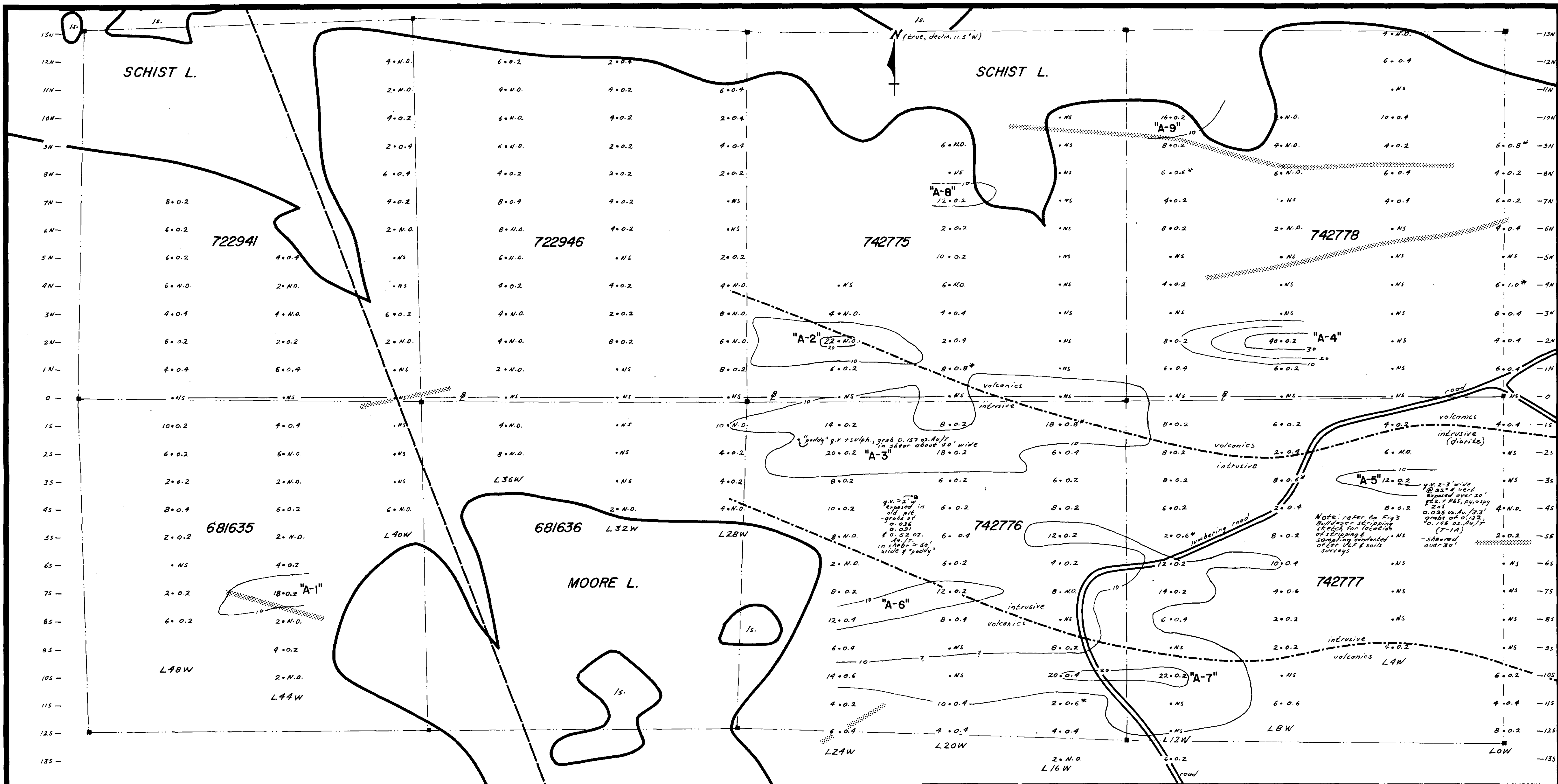
Date OCTOBER, 1983
Number **G-2481**

receive checked w/ Mar 28/85



41P125W0122 2.11655 YEO

SMUTS TWP.



COMMENTS: "A-1"; L44W-7S, 18ppb & co-incident with weak EM conductor (Anomaly 1) - area known to be m-c.g. diorite, possibly mineralized shear.

"A-2"; L24W-2N, 22 ppb Au, apparently N contact of diorite, probably shear

"A-3"; L28W-1S to approx 112W, max. 20ppb Au, covers area of known mineralization (Fig. 4)

"A-4"; L8W-2N, in volcanics just S of I.F., linear feature on air-photo closely, poss. shear

"A-5"; L4W-3S, in diorite, covers 30' wide shear zone (grabs off 2-3' w. vein to 0.146 oz. Au/T)

"A-6"; L24W-8S to L20W-7S, max 12 ppb Au, cuts S contact of diorite

"A-7"; L16W-10S to L12W-10S, max 22 ppb Au, broad anomaly, cuts S contact of diorite

- extensive bulldozer stripping done after geochem. & VLF surveys during Nov. & Dec., 1987 - refer Fig. 4 for trench location & sampling plan

- "A-8" & "A-9" (L20W-7N & L12W-10N) weak & in volcanics, possibly organics in sample or I.F.-related

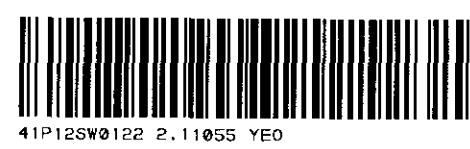
LEGEND

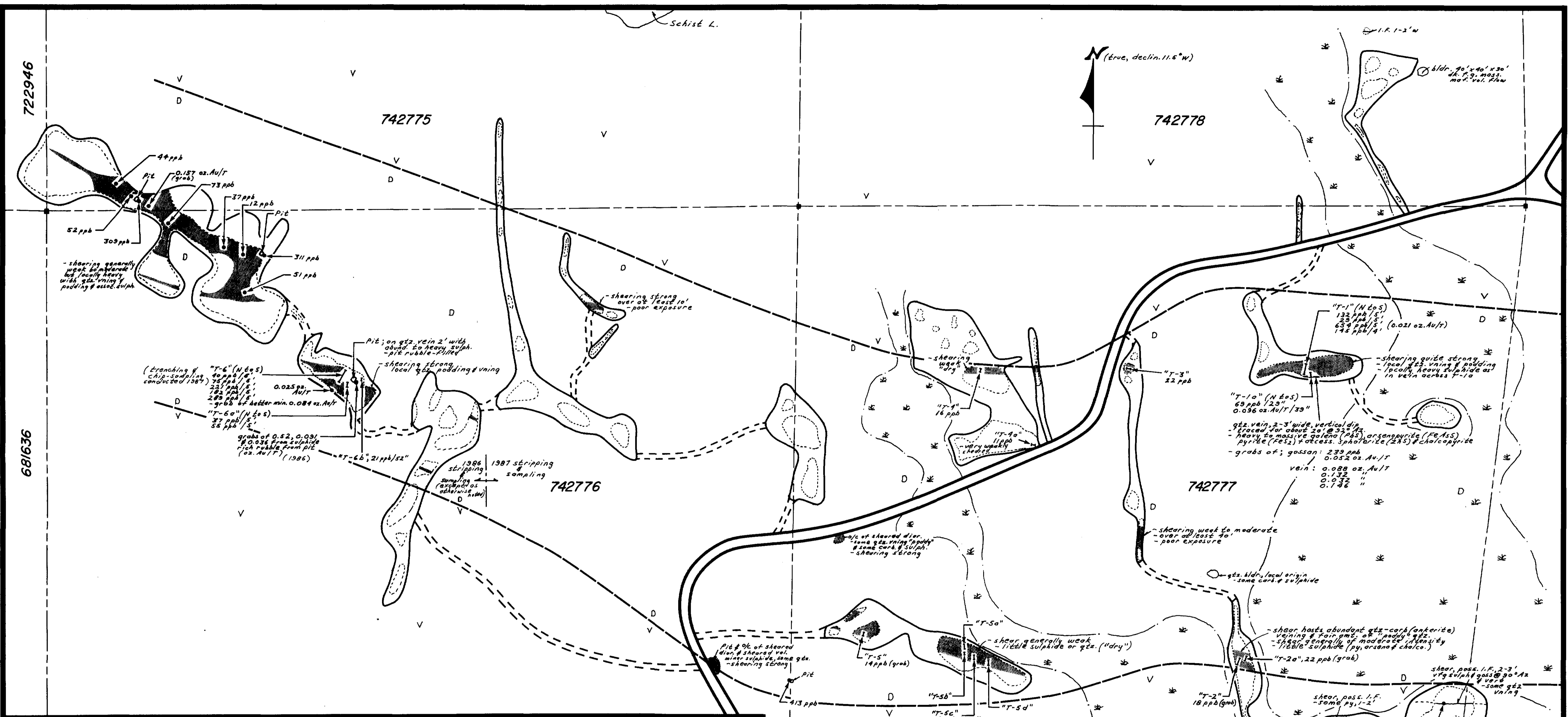
- line
- Au (ppb) = 4.0-2.0 - Ag (ppm), silver values 0.6 ppm & greater marked by asterisk *
- "A-1" - Ag values not contoured
- 18.0.2 - 10 ppb Au contour line
- 10 - VLF-EM Conductor, re: Fig. 2
- - - geological contact, observed & assumed
- - - fault

CONSOLIDATED SILVER BUTTE MINES LTD.

FIG. 3: GEOCHEMISTRY, Au (ppb) & Ag (ppm), SOIL CLAIMS P-681635, 636, 722941, 946 & 742775-778 YEO TWP, PORCUPINE M.D., DIST. OF SUDBURY, ONT.

SCALE: 1" = 200' (1:2400) Drawn by J. Bankowski February, 1988. J. Bankowski F/16.3





CONSOLIDATED SILVER BUTTE MINES LTD.

**FIG. 4 - BULLDOZER STRIPPING & SAMPLING PLAN
CLAIMS P-722946 & 742775 - 778, YEO TWP.
PORCUPINE M.D., DIST. OF SUDBURY, ONTARIO**

SCALE: 1" = 100' (1:1200)

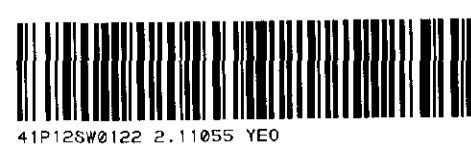


Drawn by: J. Bankowski, February, 1988.
J. Bankowski

LEGEND

- geological contact
- diorite (intrusive sill)
- metovolcanics
- outcrop (locally few inches dirt)
- shearing
- outline of stripping

-stripping conducted 1986 & 1987 by Pioneer Const., Sudbury, Cat D-7
-sampling conducted 1986 & 1987



2.11055

