010

2.10982

CONSOLIDATED SILVER BUTTE MINES LTD.
REPORT ON VLF-EM & GEOCHEMICAL SURVEYS
CLAIMS P-809389-392, 399-402, 420-422,
439-442, 819907 & 826592-595
CHESTER TWP., PORCUPINE M.D., ONTARIO.

J. Bankowski, B.Sc.(Geol.)
February, 1988.

Qual.
2.7007

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INTRODUCTION

A grid was established with 400 by 100-foot spacings and a VLF-EM survey and concurrent geochemical (soil) survey conducted on the 20-claim group during the period July 3 to Aug. 15, 1987.

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

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

Soil samples of the B-horizon were also taken every 100 feet along the lines and were sent to Bell-White Laboratories of Haileybury, Ont. for assay. Samples were not obtainable in some areas due to wet, organic cover such as in swamps.

The claims are all 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 east-central Chester Twp. and are bisected N-S by Hwy.#144 about 15 miles south of the town of Gogama, Ont. (Figure 1).

The claims are also bisected in a NW-SE direction by Hwy.#560 near the center of the claim-group. West of the intersection with #144, the #560 is also known as the Mesomikenda Lake Road while east of #144, the old #560 is no longer used and is overgrown although travel by foot or ATV is possible.

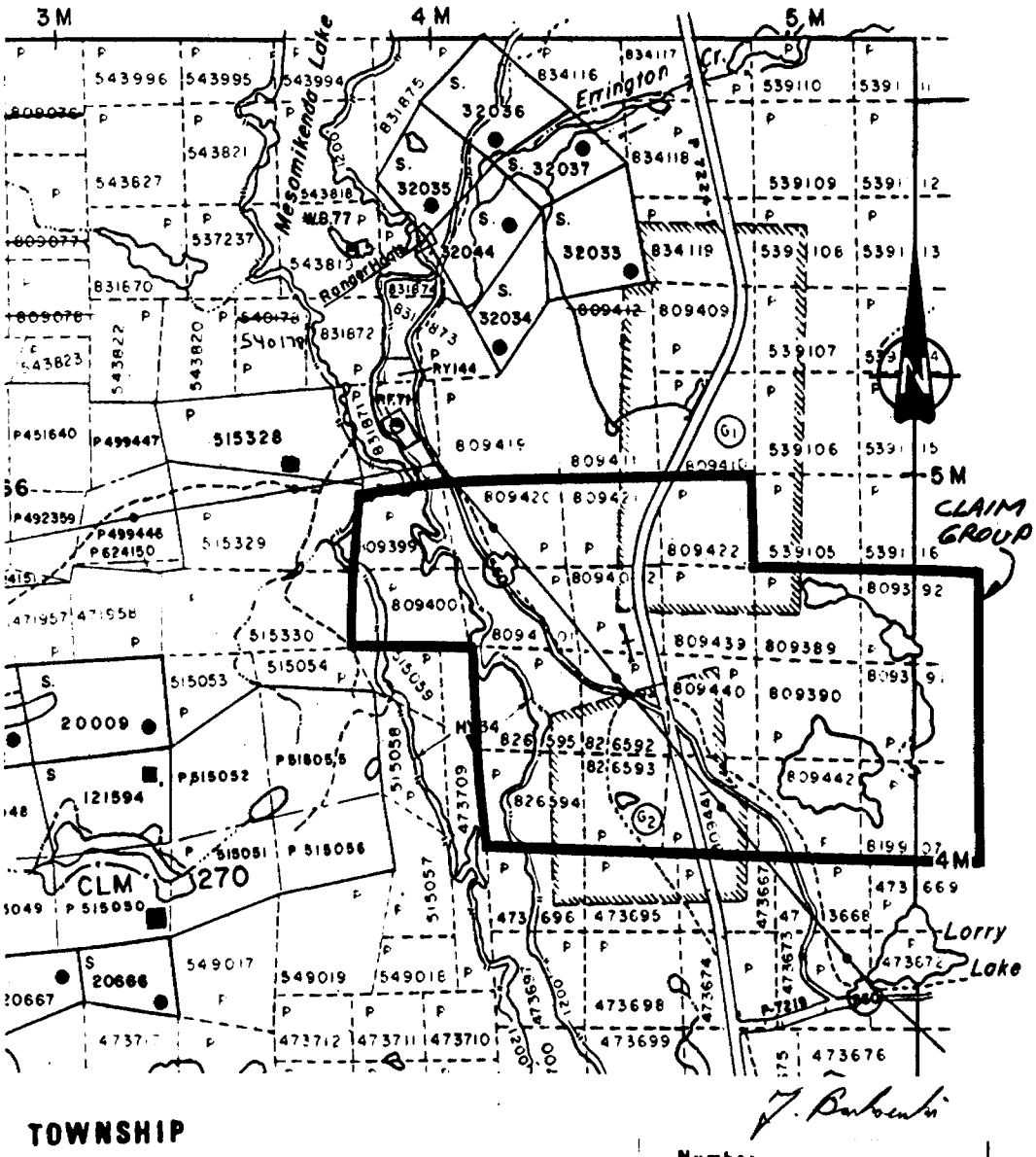
As such, access to the claims is excellent by road and the recently completed grid permits access to areas away from the roads. Personel traveled to the worksite daily by truck.

PREVIOUS WORK

A ground VLF-magnetometer survey was carried out over the claims in 1980 by Shield Geophysics for William Simms and an airborn VLF-magnetometer survey was conducted over the claims and adjoining areas in 1985 by Terraquest for Gordon Leliever.

Limited sampling of the 3 known gold occurrences on the property

FIGURE 1 - CLAIM LOCATION MAP



PREVIOUS WORK (CON'T.)

as well as interesting mineralization and structures exposed along #144 and #560 on the property were taken by the author in 1986. Grab samples taken from the showings gave values up to 0.752 oz. Au/T.

GEOLOGY

The claims are entirely underlain by an early Archean felsic intrusive complex and by migmatite which is interpreted to be older and both are in turn cut by diabase dykes and lamprophyre dykes.

The northern half of the property is underlain by trondhjemite, granodiorite, quartz monzonite and alaskite phases with inclusions (xenoliths) of mafic volcanics forming an early Archean felsic intrusive complex. This complex is dominantly trondhjemitic in composition and tends to be very leucocratic (light-colored) in the core of the complex with relatively few mafic inclusions grading to darker coloured rock overall with a relatively high proportion of mafic inclusions toward the volcanic contact to the north.

The southern half of the property is underlain by older Archean massive hornblende diorite and hornblende gabbro which are interpreted to represent metamorphosed equivalents of former basalt (Siragusa, G.M., 1981) and have been classified as migmatite based on the content of paleosome. Rock with 50% or greater content of paleosome (mafic volcanics) was mapped by Siragusa as migmatite while rock with a paleosome of less than 50% (ie. with a leucocratic, trondhjemitic neosome of greater than 50%) was assigned to the felsic intrusive complex described above.

Diabase dykes generally occupy faults trending at about 120° (340°) parallel and subordinate to the Mesomikenda Lake Fault and cut all rock-types. Siragusa has mapped a diabase dike trending N-S along this trend in the center of the property with a splay at the center of the property trending in a NW-SE direction. Two small lamprophyre dykes are also mapped by Siragusa along #144 in the north portion of the property.

The Mesomikenda Lake Fault bisects the extreme western portion of the property (Fig. 2 & 3) at a bearing of about 160° az. parallel and within the lake. The claims to the east of the fault are underlain

GEOLOGY (CON'T.)

by rock which has been displaced about $\frac{1}{4}$ mile north relative to the rock underlying the claims west of the fault. As a result, the north boundary of the property east of the fault, is about $\frac{1}{2}$ mile south of the volcanic contact while the north boundary of the property west of the fault is about $\frac{1}{4}$ mile south of the volcanic contact. The bulk of the property east of the fault is at generally the same position within the intrusive complex with respect to the volcanic contact as is the Murgold-Chesbar #3 vein system upon which a ramp has been constructed and upon which a positive production decision is shortly expected. About $4 million will reportedly be spent on exploration by Murgold and Chesbar in the immediate area during 1988.

A total of 3 occurrences of gold mineralization are known on the property and are referred to as the "Hydro, South and East" Showings. Grab samples to 0.752, 0.054 and 0.252 oz. Au/T respectively were obtained by the author in 1986 from these occurrences. Previous assays of 0.50 oz. over 3.3 feet and 1.39 oz. over 2.3 feet are reported from the "Hydro" and "East" Showings respectively.

In general, the property is relatively unexplored and appears to offer excellent potential for the discovery of gold mineralization.

VLF-EM SURVEY

A total of 24 VLF conductors were outlined by the survey (Fig.2) and have been designated as conductor "A" to "X" in decending order of magnitude based on intensity and strike-length. In addition to these conductors, it should here be noted that the current survey was conducted N-S and as such gave conductors in a E-W orientation while the airborn survey by Terraquest in 1985 was conducted E-W and gives conductors in a N-S plane.

The current survey has outlined conductors which may represent mineralized shear-zones while the Terraquest survey outlined the conductors related to faulting parallel to the Mesomikenda Lake Fault. Incorporation of the data from both surveys would appear to be indicated since all of the gold occurrences in the area appear to be structurally controlled and related spatially to the intersection of faults (shears) trending at about 120° az. with faults trending at about 160°az. parallel to the Mesomikenda Lake Fault.

The conductors outlined and their description is as follows;

VLF-EM SURVEY (CON'T.)

CONDUCTOR	LOCATION	DESCRIPTION
"A"	L4E-7N to L20E-3N	- max. +20 & -60%, moderate to strong - strike length 1600' @ about 120° az. - occupies low, wet ground
"B"	L40E-11+60S to L48E-12+60S	- max. +21 & -45%, moderate intensity - strike length of 800' @ about 105° - occupies low, wet ground
"C"	L52E-BL to L56E-1+60S	- max. +30 & -65%, moderate to strong - strike length 400' @ about 114° az. - occupies low, wet ground
"D"	L16E-8N to L28E-9+50N	- max. +14 & -28%, weak to moderate - strike length 1200' @ about 90° - occupies dry ground
"E"	L16E-19+40S	- max. +8 & -47%, moderate intensity - single station - occupies dry ground
"F"	L20E-21+50S to L24E-32S	- max. +22 & -38%, moderate inten. - strike 400' @ about 110° az. - occupies dry ground @ L20E & wet @ L24E
"G"	L20E-15+40N to L24E-15+50N	- wet @ L20E, dry @ L24E - max. +8 & -10, weak intensity - 400' strike @ about 95°
"H"	L52E -6+60S	- max. +22 & -19%, moderate - single station conductor - occupies dry ground
"I"	L28E-40+50S	- +10 & -28% max., weak to moderate - single station & dry
"J"	L12E-15+40N	- max. +10 & -10%, weak, single station & wet
"K"	L24E-13+30N	- max. +16 & -18%, weak to moderate - single station & wet
"L"	L36E-3+50S	- max. +6 & -15%, weak, single & wet
"M"	L32E-12+80S to L40E-14+40S	- max. +5 & -10%, very weak, mostly dry, strike of 800' @ about 105° az.
"N"	L32E-37+40S	- max. +20 & -5%, weak, single & wet
"O"	L56E-38+80S	- max. +6 & -3%, very weak, single station & dry
"P"	L60E-28+80S	- max. +5 & -4%, very weak, wet & single station
"Q"	L16E-40+60S	- +8 & -4%, very weak, single & wet
"R"	L16E-27S	- +2 & -10%, very weak, single & dry
"S"	L16E-2S	- +5 & -2%, very weak, single, dry

VLF-EM SURVEY (CON'T.)

CONDUCTOR	LOCATION	DESCRIPTION
"T"	L4E-9+30N	- +11 & -10%, weak, single & wet
"U"	L12E-12N	- +8 & -5%, very weak, single & wet
"V"	L0-10S	- +22 & -?%, crossover at edge of lake, moderate, single station
"W"	L4E-17+60S	- +40 & -?%, crossover in lake moderate to strong, single
"X"	L60E-22+60S	- +8 & -5%, very weak, single & dry

As can be seen from the descriptions, the 3 strongest conductors namely "A, B & C", are all located in low swampy ground and ground investigation to determine their cause will not be possible. These conductors run more or less parallel to the regional strike of about 100-120° az. which is also the general strike of the shear-zones which commonly host the gold mineralization in the area. Also, the conductors occur in what Siragusa has mapped as felsic intrusive which would rule out formational conductors such as iron-formation.

It is felt that ground effects from organic sources are not the cause of these conductors based their intensity but it should be noted that an active hydro-line passes in the general vicinity and may cause false conductors. The 3 conductors mentioned however appear to strike away from the hydro-line at the regional strike and in the case of conductor B & C are quite far from the hydro line and are felt to be valid conductors. Diamond drilling appears to be the only way to establish the cause of these conductors.

Conductor "D" is of moderate intensity but is located on dry ground. This conductor trends at about 90° az. which is similar to the Kidd #1 zone of Canadian Gold Resources to the west. This conductor should be investigated on the ground to establish the possibility of stripping and exposing the rock at this location. Hwy. #144 passes through this conductor and may expose the conductor.

Conductors "E" to "I" are also moderate in intensity and occur at least in part on dry ground and their cause should try to be established by ground investigation.

The remaining conductors are relatively weak and short and no further work is recommended on these at the present with the exception of those spatially related to geochemical anomalies and furth-

VLF-EM SURVEY (CON'T.)

er described in the next sections.

GEOCHEMICAL SURVEY

A total of 624 soil samples from the B-horizon were taken every 100' along the lines during the survey and sent to Bell-White Laboratories of Haileybury, Ont. for analyses of Au and Ag (Fig. 3).

Background values for Au average about 6 ppb Au while Ag values were not detected in most samples and where detected seem to average about 0.2 to 0.3 ppm.

The maximum values obtained from the survey were 169 ppb Au and 4.8 ppm Ag.

A total of 38 anomalies over 10 ppb Au were defined and range from single station anomalies to broad areas up to 1600 long and several hundred feet wide.

Substantial areas of the property could not be sampled due to wet ground with thick organic cover. Areas that were sampled had to be relatively dry and therefore any anomalies indicated are ammenable to ground investigation. Based on this fact, highly anomalous areas and anomalous areas with spatial relationships to VLF-EM conductors are considered to be the prime targets and should be investigated on the ground.

The most attractive targets for follow-up work were designated as "T-1" to "T-9" on Figure 3 in highest to lowest priority and are as follows;

TARGET	LOCATION	DESCRIPTION
"T-1"	L32E-9S	- single station anomaly of 169 ppb Au, Ag not detected - very strong
"T-2"	L20E-9N	- single station anomaly of 28 ppb - coincides with VLF conductor "D"
"T-3"	L8W-8&9N	- 36 & 25 ppb Au respectively - 2 station anomaly on same line
"T-4"	L64E-17S	- single station anomaly of 42 ppb
"T-5"	L16E-42S to L20E-40 to 43S	- max. of 20 ppb Au with close spatial relationship to VLF conductor "Q", 4.8 ppm Ag @ L16E-43S

GEOCHEMICAL SURVEY (CON'T.)

TARGET	LOCATION	DESCRIPTION
"T-6"	L20E-32S to L24E-31S	- 16 & 18 ppb Au respectively - coincides with VLF conductor "F"
"T-7"	L32E-3S to L36E-2S	- 30 & 12 ppb Au respectively - close spatial relationship to VLF conductor "L"
"T-8"	L8E-19 & 20S to L24E-18S	- max. of 16 ppb Au with strike of 1600' & about 90° az. - close spatial relationship to VLF conductor "E"
"T-9"	L28E-13S to L32E-14S	- 16 & 12 ppb Au respectively - close spatial relationship to VLF conductor "M"

All of the remaining anomalies are of 20 ppb Au or less and are relatively small. No further follow-up work is recommended on these at present.

CONCLUSIONS AND RECOMMENDATIONS

A total of 24 VLF-EM conductors were outlined from the survey. The strongest 3 conductors occur in swampy ground and only diamond-drilling would resolve their cause. The remaining conductors are relatively short and of moderate or lower intensity but the best of these, namely conductor "D" to "I" should be examined on the ground in an attempt to resolve their cause.

An active hydro-line bisects the property at about 140° az. which resulted in off-scale readings for about 3-400 feet on either side of the hydro-line. As a result, readings could not be taken over a substantial portion of the property and any VLF conductors in these areas were effectively masked limiting the usefullness of the survey.

A total of 38 soil anomalies were outlined with maximum values to 169 ppb Au and 4.8 ppm (approx. 0.15 oz. Ag/T). The 5 strongest values for Au were all from single stations and no strong geochemical trends were identified. Several anomalies up to 1600' in length were outlined in the central and southern portions of the property but these were all of 20 ppb Au or less.

Anomalies with the highest values and especially where spatially related to a VLF conductor are considered to be the most attracive targets for follow-up work. Accordingly, 9 targets designated "T-1" to "T-9" in descending priority are shown on Figure 3 and these areas should be examined on the ground.

CONCLUSIONS AND RECOMMENDATIONS (CON'T.)

The VLF conductors and the geochemical anomalies upon which ground examination is recommended should be examined in a systematic way which should be part of a geological mapping survey. The targets could be examined during the mapping to see if conductor or anomaly causes can be determined or failing that, to determine if the overburden is thin enough to permit mechanical or hydraulic stripping.

RESPECTFULLY SUBMITTED;

J. Bankowski

J. Bankowski, B.Sc. (Geol.)
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.

J. Bankowski

Dated: Febuary, 1988

REFERENCES

Siragusa, G.M.

1981: Precambrian Geology of Chester and Yeo Tps., and parts of Neville and Potier 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.
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Certificate of Analysis

Page 1 of 9

NO. 0170 **DATE:** January 8, 1988

SAMPLE(S) OF: Soils (624) **RECEIVED:** December 1987

SAMPLE(S) FROM: Mr. J. Bankowski, CALGARY, Alberta

Sample Identification	Au ppb	Ag ppm	Sample Identification	Au ppb	Ag ppm
B-00	12	ND	L4E-14S	6	ND
LO-1N	2	0.2	L4E-15S	4	ND
LO-3N	6	ND	L4E-16S	10	ND
LO-9N	2	ND	L4E-16+50S	4	0.2
LO-10N	12	ND	L4W-0N	4	0.6
LO-11N	6	0.6	L4W-1N	6	0.4
B-0-00	4	0.2	L4W-2N	4	0.2
LO-1S	6	ND	L4W-3N	10	ND
LO-2S	8	***	L4W-4N	6	0.4
LO-3S	10	ND	L4W-6N	2	0.2
LO-4S	4	ND	L4W-7N	2	***
LO-5S	6	0.2	L4W-12N	4	0.2
LO-6S	2	0.4	L4W-13N	2	0.2
LO-7S	4	0.6	L4W-14N	6	0.2
LO-9S	4	0.2	L4W-15N	8	0.4
LO-10S	4	ND	L4W-16N	6	0.4
L4E-4N	2	ND	L4W-1S	4	0.2
L4E-5N	2	0.2	L4W-2S	6	ND
L4E-8N	10	ND	L8E-0N	4	ND
L4E-13N	4	0.6	L8E-1N	4	0.4
L4E-15N	2	0.2	L8E-3N	6	0.6
L4E-16N	2	0.2	L8E-4N	2	0.2
L4E-16+45N	4	0.2	L8E-5N	2	ND
L4E-0S	2	***	L8E-7N	8	ND
L4E-2S	2	ND	L8E-8N	6	0.4
L4E-3S	2	ND	L8E-9N	14	0.2
L4E-4S	2	0.2	L8E-10N	6	ND
L4E-5S	6	ND	L8E-13N	6	ND
L4E-6S	6	0.2	L8E-14N	2	ND
L4E-8S	4	ND	L8E-15N	4	ND
L4E-9S	14	0.4	L8E-17N	6	ND
L4E-10S	4	0.2	L8E-17+50N	4	ND
L4E-11S	6	0.2	L8E-2S	8	0.2
L4E-12S	4	0.4	L8E-3S	8	ND
L4E-13S	16	0.4	L8E-4S	8	0.2

NOTE: *** insufficient sample for accurate analysis.
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.

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NO. 0170 **DATE:** January 11, 1988

SAMPLE(S) OF: Soils (624) **RECEIVED:** December 1987

SAMPLE(S) FROM: Mr. J. Bankowski, CALGARY, Alberta

Sample Identification	Au ppb	Ag ppm	Sample Identification	Au ppb	Ag ppm
L8E-5S	10	0.2	L12E-11S	8	ND
L8E-6S	2	ND	L12E-14S	10	0.2
L8E-7S	8	ND	L12E-15S	10	ND
L8E-8S	6	ND	L12E-16S	6	ND
L8E-10S	6	ND	L12E-17S	8	ND
L8E-11S	10	ND	L12E-18S	6	0.2
L8E-14S	4	***	L12E-19S	12	ND
L8E-15S	6	***	L12E-20S	6	0.2
L8E-16S	6	0.2	L12E-21S	8	ND
L8E-17S	10	ND	L12E-22S	4	ND
L8E-18S	6	0.2	L12E-23S	6	ND
L8E-19S	14	ND	L12E-25S	8	ND
L8E-20S	12	0.2	L12E-26S	10	ND
B8W-0N	4	0.2	L12E-27S	4	ND
L8W-1N	4	ND	L12E-28S	2	ND
L8W-2N	10	0.2	L12E-29S	4	ND
L8W-3N	10	ND	L12E-30S	4	ND
L8W-4N	6	0.2	L12E-31S	4	ND
L8W-5N	4	ND	L12E-32S	8	ND
L8W-6N	4	0.4	L12E-33S	6	0.2
L8W-7N	10	ND	L12E-34S	2	ND
L8W-8N	36**	ND	L12E-35S	14	ND
L8W-9N	25	***	L12E-36S	4	ND
L8W-10N	10	0.2	L12E-37S	4	ND
L8W-11N	8	ND	L12E-38S	10	0.2
L8W-12N	6	ND	L12E-39S	6	ND
L8W-13N	6	0.2	L12E-40S	12	ND
L8W-14N	6	***	L12E-41S	4	ND
L8W-15N	4	0.2	L12E-43S	8	ND
L8W-15+60N	8	ND	L12W-10N	6	ND
B+12E+0	6	ND	L12W-11N	4	ND
L12E-1S	6	ND	L12W-12N	8	ND
L12E-2S	6	ND	L12W-13N	8	0.2
L12E-4S	16	0.6	L12W-14N	6	ND
L12E-10S	8	ND	L12E-1N	4	0.2

NOTE: ND denotes not detected.
*** insufficient sample for accurate analysis
** Checked

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NO. 0170 DATE: January 11, 1988

SAMPLE(S) OF: Soils (624) RECEIVED: December 1987

SAMPLE(S) FROM: Mr. J. Bankowski, CALGARY, Alberta

ample Identification	Au ppb	Ag ppm
L12E-2N	8	ND
L12E-3N	8	ND
L12E-10N	6	ND
L12E-11N	6	0.2
L12E-12N	4	ND
L12E-13N	6	0.2
L12E-14N	6	0.8
L12E-16N	8	ND
L12E-170+60N	8	ND
L16E-B	6	ND
L16E-1N	4	ND
L16E-2N	10	ND
L16E-3N	6	0.4
L16E-6N	6	0.2
L16E-7N	6	0.4
L16E-8N	8	ND
L16E-13N	12	ND
L16E-14N	4	ND
B+16E	8	ND
L16E-1S	8	0.6
L16E-2S	6	ND
L16E-3S	8	0.4
L16E-4S	6	ND
L16E-5S	12	0.2
L16E-6S	14	0.2
L16E-7S	2	ND
L16E-8S	4	ND
L16E-9S	4	0.4
L16E-10S	12	ND
L16E-11S	6	ND
L16E-12S	8	ND
L16E-13S	6	ND
L16E-14S	4	ND
L16E-15S	4	ND
L16E-16S	2	ND

Sample Identification	Au ppb	Ag ppm
L16E-17S	10	ND
L16E-18S	10	ND
L16E-19S	12	ND
L16E-21S	4	ND
L16E-22S	6	ND
L16E-23S	16	ND
L16E-24S	6	ND
L16E-25S	8	ND
L16E-26S	4	ND
L16E-27S	2	ND
L16E-28S	8	ND
L16E-29S	8	ND
L16E-30S	4	ND
L16E-31S	6	ND
L16E-32S	6	ND
L16E-33S	2	ND
L16E-34S	2	ND
L16E-35S	4	ND
L16E-36S	8	ND
L16E-37S	6	ND
L16E-38S	2	ND
L16E-39S	2	0.2
L16E-40S	4	0.6
L16E-41S	6	ND
L16E-42S	18	ND
L16E-43S	10	4.8
L16E-44S	6	0.2
L16E-45S	10	ND
L16E-46S	6	ND
L16E-48S	8	ND
L16E-48S+82	12	ND
B+20E	14	0.2
L20E-1N	4	ND
L20E-2N	6	ND
L20E-5N	10	0.2

NOTE: ND denotes not detected.

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NO. 0170 **DATE:** January 11, 1988

SAMPLE(S) OF: Soils (624) **RECEIVED:** December 1987

SAMPLE(S) FROM: Mr. J. Bankowski, CALGARY, Alberta

Sample Identification	Au ppb	Ag ppm	Sample Identification	Au ppb	Ag ppm
L20E-7N	4	0.2	L20E-25S	4	ND
L20E-8N	6	ND	L20E-26S	4	0.4
L20E-9N	28	ND	L20E-27S	4	ND
L20E-10N	6	ND	L20E-28S	6	ND
L20E-11N	6	ND	L20E-29S	4	ND
L20E-12N	6	ND	L20E-30S	8	ND
L20E-13N	2	ND	L20E-31S	8	0.2
L20E-14N	4	ND	L20E-32S	18	ND
L20E-16N	2	0.2	L20E-33S	3	0.4
L20E-17N	4	ND	L20E-34S	12	ND
L20E-18N	6	ND	L20E-35S	10	0.2
L20E-1800+93N	6	ND	L20E-36S	18	ND
L20E-1S	2	ND	L20E-37S	14	ND
L20E-2S	4	ND	L20E-38S	10	0.2
L20E-3S	4	ND	L20E-39S	10	ND
L20E-4S	6	ND	L20E-40S	16	0.4
L20E-5S	4	0.4	L20E-41S	12	0.2
L20E-7S	4	0.2	L20E-42S	20	0.2
L20E-8S	3	0.6	L20E-43S	12	ND
L20E-9S	6	ND	L20E-44S	10	0.6
L20E-10S	6	ND	L20E-44+16S	6	0.4
L20E-11S	10	0.4	L24E-1N	6	ND
L20E-12S	6	ND	L24E-2N	6	0.4
L20E-13S	4	ND	L24E-3N	8	ND
L20E-14S	2	ND	L24E-4N	12	0.6
L20E-15S	6	0.4	L24E-5N	6	ND
L20E-16S	8	***	L24E-11N	6	0.2
L20E-17S	16	ND	L24E-12N	10	0.4
L20E-18S	10	ND	L24E-14N	6	ND
L20E-19S	4	ND	L24E-15N	8	0.2
L20E-20S	4	ND	L24E-16N	10	ND
L20E-21S	10	0.4	L24E-17N	10	ND
L20E-22S	4	ND	L24E-20N	14	0.8
L20E-23S	6	ND	B24E+0S	8	0.2
L20E-24S	4	ND	L24E-1S	14	ND

NOTE: ND denotes not detected.
*** Insufficient sample for accurate analysis.

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Certificate of Analysis

Page 5 of 9

NO. 0170 DATE: January 11, 1988

SAMPLE(S) OF: Soils (624) RECEIVED: December 1987

SAMPLE(S) FROM: Mr. J. Bankowski, CALGARY, Alberta

Sample Identification	Au ppb	Ag ppm	Sample Identification	Au ppb	Ag ppm
L24E-2S	16	ND	L24E-42S	8	0.6
L24E-3S	6	0.2	L24E-43S	8	ND
L24E-4S	4	ND	L24E-43+70S	6	ND
L24E-7S	6	ND	L28E-2N	6	0.2
L24E-8S	6	ND	L28E-3N	4	0.2
L24E-9S	14	ND	L28E-4N	2	ND
L24E-12S	6	ND	L28E-5N	2	0.4
L24E-13S	8	0.2	L28E-6N	6	0.2
L24E-14S	8	ND	L28E-7N	4	0.2
L24E-15S	6	ND	L28E-8N	6	ND
L24E-16S	10	ND	L28E-9N	4	ND
L24E-17S	10	ND	L28E-10N	10	ND
L24E-18S	12	ND	L28E-11N	4	0.2
L24E-19S	6	0.8	L28E-12N	2	0.2
L24E-20S	4	0.2	L28E-13N	4	ND
L24E-21S	4	0.2	L28E-14N	4	ND
L24E-22S	6	0.2	L28E-15N	4	0.2
L24E-23S	4	ND	L28E-16N	2	ND
L24E-24S	6	ND	L28E-17N	4	ND
L24E-25S	6	0.4	L28E-18N	2	0.2
L24E-26S	16	ND	L28E-0S	8	0.2
L24E-27S	8	0.2	L28E-1S	6	ND
L24E-28S	10	0.2	L28E-2S	8	0.4
L24E-29S	12	0.4	L28E-3S	6	ND
L24E-30S	8	0.4	L28E-4S	8	0.4
L24E-31S	16	ND	L28E-5S	6	0.2
L24E-33S	6	ND	L28E-6S	4	0.4
L24E-34S	10	ND	L28E-7S	6	0.2
L24E-35S	14	0.4	L28E-8S	4	ND
L24E-36S	6	0.2	L28E-9S	6	0.2
L24E-37S	4	0.2	L28E-10S	8	ND
L24E-38S	8	0.6	L28E-11S	4	ND
L24E-39S	4	ND	L28E-12S	6	0.2
L24E-40S	3	ND	L28E-13S	16	0.6
L24E-41S	6	0.2	L28E-14S	8	ND

NOTE: ND denotes not detected.

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Certificate of Analysis

Page 6 of 9

NO. 0170 **DATE:** January 11, 1988

SAMPLE(S) OF: Soils (624) **RECEIVED:** December 1987

SAMPLE(S) FROM: Mr. J. Bankowski, CALGARY, Alberta

Sample Identification	Au ppb	Ag ppm	Sample Identification	Au ppb	Ag ppm
L28E-15S	6	ND	L32E-11N	6	0.2
L28E-16S	4	***	L32E-12N	6	0.4
L28E-17S	6	ND	L32E-13N	8	ND
L28E-18S	2	ND	L32E-14N	10	0.2
L28E-19S	2	0.2	L32E-15N	6	ND
L28E-20S	2	ND	L32E-16N	6	ND
L28E-23S	4	ND	L32E-0S	10	ND
L28E-26S	4	ND	L32E-1S	4	ND
L28E-27S	4	0.2	L32E-2S	8	ND
L28E-28S	8	ND	L32E-3S	30	ND
L28E-29S	2	0.2	L32E-4S	4	ND
L28E-30S	4	ND	L32E-5S	8	ND
L28E-31S	4	ND	L32E-6S	4	0.2
L28E-32S	6	ND	L32E-7S	8	0.4
L28E-33S	8	ND	L32E-8S	4	0.4
L28E-34S	6	ND	L32E-9S	169**	ND
L28E-35S	6	ND	L32E-10S	10	ND
L28E-36S	6	ND	L32E-11S	6	ND
L28E-39S	6	0.2	L32E-12S	8	***
L28E-40S	6	ND	L32E-13S	6	ND
L28E-41S	6	ND	L32E-14S	12	ND
L28E-42S	4	***	L32E-17S	6	ND
L28E-43S	8	ND	L32E-18S	2	ND
L28E-44S	6	ND	L32E-19S	20	ND
L28E-45S	4	0.2	L32E-20S	6	ND
L32E-1N	8	0.2	L32E-22S	2	ND
L32E-2N	10	0.2	L32E-26S	6	***
L32E-3N	4	ND	L32E-29S	8	ND
L32E-4N	6	ND	L32E-30S	8	ND
L32E-5N	2	0.2	L32E-31S	4	ND
L32E-6N	4	ND	L32E-32S	6	ND
L32E-7N	10	ND	L32E-33S	6	ND
L32E-8N	2	ND	L32E-34S	2	***
L32E-9N	4	ND	L32E-39S	12	ND
L32E-10N	4	0.4	L32E-41S	10	0.2

NOTE: ND denotes not detected.
*** Insufficient sample for accurate analysis.
** Checked

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P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

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NO. 0170 **DATE:** January 11, 1988

SAMPLE(S) OF: Soils (624) **RECEIVED:** December 1987

SAMPLE(S) FROM: Mr. J. Bankowski, CALGARY, Alberta

Sample Identification	Au ppb	Ag ppm
L32E-42S	3	ND
L32E-43S	8	0.2
L32E-43+07S	2	0.2
B-36E	10	ND
L36E-1S	8	0.4
L36E-2S	12	0.2
L36E-5S	8	0.8
L36E-6S	6	0.6
L36E-8S	6	0.2
L36E-9S	3	ND
L36E-10S	6	0.2
L36E-11S	2	0.6
L36E-12S	6	1.2
L36E-13S	6	0.4
L36E-14S	6	0.4
L36E-15S	4	0.2
L36E-16S	4	0.2
L36E-18S	6	0.2
L36E-19S	8	0.4
L36E-22S	9	ND
L36E-23S	7	0.4
L36E-24S	2	0.2
L36E-25S	6	0.4
L36E-27S	10	0.2
L36E-29S	8	0.2
L36E-30S	6	0.4
L36E-31S	6	0.4
L36E-32S	6	ND
L36E-37S	8	0.2
L36E-38S	6	0.4
L36E-39S	6	0.4
L36E-41S	6	0.4
L36E-41+76S	4	ND
L40E-1S	2	0.8
L40E-2S	4	ND
L40E-3S	4	0.2
L40E-5S	4	0.2
L40E-6S	10	***
L40E-7S	4	ND
L40E-8S	4	ND
L40E-9S	8	ND
L40E-10S	4	***
L40E-13S	4	0.4
L40E-14S	6	0.6
L40E-16S	4	0.2
L40E-17S	6	ND
L40E-18S	12	0.4
L40E-20S	4	0.2
L40E-21S	4	0.4
L40E-22S	8	0.6
L40E-23S	8	0.4
L40E-24S	20	ND
L40E-25S	6	ND
L40E-27S	4	1.0
L40E-28S	8	ND
L40E-29S	6	ND
L40E-30S	6	0.4
L40E-31S	6	ND
L40E-32S	8	ND
L40E-38S	8	ND
L40E-39S	12	ND
L40E-40S	4	ND
L40E-41S	4	0.2
L40E-42S	2	ND
L44E-3S	10	0.2
L44E-4S	6	0.2
L44E-5S	8	0.4
L44E-6S	4	0.2
L44E-7S	5	0.2
L44E-8S	6	ND

NOTE: ND denotes not detected.
*** insufficient sample for accurate analysis.

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Certificate of Analysis

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NO. 0170 **DATE:** January 11, 1988

SAMPLE(S) OF: Soils (624) **RECEIVED:** December 1987

SAMPLE(S) FROM: Mr. J. Bankowski, CALAGARY, Alberta

ample Identification	Au ppb	Ag ppm	Sample Identification	Au ppb	Ag ppm
L44E-9S	4	ND	L48E-30S	8	ND
L44E-10S	8	0.2	L48E-34S	4	ND
L44E-14S	6	ND	L48E-35S	10	0.6
L44E-15S	8	0.6	L48E-36S	12	0.2
L44E-16S	6	0.4	L48E-38S	8	ND
L44E-17S	10	0.2	L48E-40S	6	0.4
L44E-18S	6	ND	L52E-6S	10	ND
L44E-19S	2	0.4	L52E-7S	6	ND
L44E-20S	8	ND	L52E-8S	8	0.4
L44E-21S	4	ND	L52E-9S	4	0.2
L44E-22S	8	0.2	L52E-10S	4	ND
L44E-23S	4	ND	L52E-11S	4	0.4
L44E-25S	6	ND	L52E-12S	6	0.2
L44E-31S	12	0.2	L52E-13S	6	ND
L44E-32S	8	0.2	L52E-14S	8	0.4
L44E-36S	4	ND	L52E-15S	6	ND
L44E-38S	4	0.4	L52E-16S	6	ND
L44E-39S	6	0.2	L52E-17S	4	0.4
L44E-40S	4	ND	L52E-18S	6	0.2
L44E-40+60S	8	ND	L52E-31S	6	ND
L48E-2S	4	0.6	L52E-32S	6	0.2
L48E-3S	6	0.6	L52E-33S	6	ND
L48E-4S	6	0.8	L52E-34S	8	ND
L48E-5S	8	ND	L52E-35S	6	ND
L48E-6S	6	ND	L52E-37S	8	0.4
L48E-7S	10	ND	L52E-38S	10	0.6
L48E-8S	2	0.6	L56E-11S	8	0.2
L48E-9S	6	0.4	L56E-12S	6	0.6
L48E-10S	4	ND	L56E-13S	4	0.2
L48E-14S	8	ND	L56E-14S	2	ND
L48E-15S	6	0.4	L56E-15S	4	ND
L48E-17S	10	0.2	L56E-16S	6	0.4
L48E-19S	4	0.4	L56E-17S	6	0.2
L48E-23S	8	0.2	L56E-18S	4	0.2
L48E-24S	12	ND	L56E-19S	8	0.2

NOTE: ND denotes not detected.

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Certificate of Analysis

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NO. 0170 DATE: January 11, 1988

SAMPLE(S) OF: Soils (624) RECEIVED: December 1987

SAMPLE(S) FROM: Mr. J. Bankowski, CALGARY, Alberta

Sample Identification	Au ppb	Ag ppm
L56E-31S	8	0.2
L56E-32S	12	ND
L56E-33S	8	ND
L56E-35S	16	ND
L56E-36S	6	0.6
L56E-37S	6	ND
L56E-38+45S	6	ND
B60E	4	0.8
L60E-2S	6	ND
L60E-3S	8	ND
L60E-4S	12	0.2
L60E-10S	6	0.2
L60E-11S	6	0.4
L60E-12S	6	0.4
L60E-13S	4	0.2
L60E-14S	2	ND
L60E-15S	4	0.2
L60E-16S	4	ND
L60E-17S	12	0.2
L60E-18S	10	ND
L60E-20S	2	ND
L60E-21S	12	0.2
L60E-22S	6	0.2
L60E-23S	6	0.2
L60E-24S	9	0.4
L60E-25S	8	0.2
L60E-26S	4	0.2
L60E-27S	10	ND
L64E-0S	6	0.2
L64E-1S	6	0.2
L64E-2S	6	0.2
L64E-3S	6	ND
L64E-4S	8	0.2
L64E-5S	10	0.2
L64E-8S	12	ND
L64E-9S	4	ND
L64E-10S	4	ND
L64E-14S	4	ND
L64E-15S	6	0.2
L64E-16S	6	ND
L64E-17S	42	ND
L64E-18S	6	0.2
L64E-20S	14	0.2
L64E-22S	9	0.2
L64E-23S	8	0.4
L64E-24S	6	0.2
L64E-25S	8	ND
L64E-26S	4	0.4
L64E-27S	6	ND
L64E-29S	4	0.2
L64E-30S	6	ND
L64E-31S	4	ND
L64E-32S	8	0.2
L64E-33S	10	ND
B+8W	6	ND
B+8W	2	0.2
B+12W	6	0.2
B+16W	8	0.4
B+20W	4	0.2
B+24W	14	0.2
B+28W	4	0.2
B+36W	6	0.6
B+44W	2	0.4
B+48W	6	ND

NOTE: ND denotes not detected.

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

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER

FROM:M.R. PORCUPINE MIN.DIV. TO:416 922 4108

Ontario Ministry of Natural Resources

Report of Work (Geophysical, Geological, Geochemical and Expenditures)

Apr. 25/88 J. Bankowski

41P12SW0039 2.10982 CHESTER

900

W8806-127

The Mining Act

In the "Expend. Days Cr." columns, do not use shaded areas below.

Type of Survey(s): Grid, VLF-EM & Geochemistry (soils)	Township or Area: Chester Twp.
Claim Holder(s): Consolidated Silver Butte Mines Ltd.	Prospector's Licence No.: T-1977
Address: Bank of Canada Bldg., #901-900 West Hastings St., Vancouver, B.C.	
Survey Company: J. Bankowski	Date of Survey (from & to): 03 07 87 (Day Mo. Yr.) 15 08 87 (Day Mo. Yr.)
Total Miles of line Cut: 20 miles	
Name and Address of Author (of Geo-Technical report): J. Bankowski, 88 Edgedale Dr. N.W., Calgary, Alberta, T3A 2R4	

Credits Requested per Each Claim in Columns at right

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

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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.

Date: Apr. 25/88

Recorded Holder or Agent (Signature): J. Bankowski

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
P	809389	
	809390	
	809391	
	809392	
	809399	
	809400	
	809401	
	809402	
	809420	
	809421	
	809422	
	809439	
	809440	
	809441	
	809442	
	819907	
	826592	
	826593	
	826594	
	826595	

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
	20 days already submitted Mar 29/88	

RECORDED APR 28 1988

Total number of mining claims covered by this report of work: 20

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
400	April 28/88	
	Date Approved as Recorded	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.

Ontario Ministry of Natural Resources

Report of Work
(Geophysical, Geological, Geochemical and Expenditures)

2.10982

The Mining Act

DOCUMENT NO. W8806.079

Instructions: – Please type or print.
– If number of mining claims traversed exceeds space on this form, attach a list.
Note: – Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns.
– Do not use sheded areas below.

Type of Survey(s): Grid, VLF-EM & Geochemistry (soils)

Township or Area: CHESTER 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): 03 07 87 (Day Mo. Yr.) | 15 08 87 (Day Mo. Yr.)

Total Miles of line Cut: 20 mi.

Name and Address of Author (of Geo-Technical report): J. Bankowski, 88 Edgedale Dr. N.W. Calgary, Alta, T3A 2R4

Credits Requested per Each Claim in Columns at right

Special Provisions		Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	Geophysical - Electromagnetic	40
	Geophysical - Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	Geophysical - Radiometric	
	Geophysical - Other	
	Geophysical	
	Geochemical	20

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

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

RECEIVED MAR 29 1988 PORCUPINE

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
P	809389	
	809390	
	809391	
	809392	
	809399	
	809400	
	809401	
	809402	
	809420	
	809421	
	809422	
	809439	
	809440	
	809441	
	809442	
	819907	
	826592	
	826593	
	826594	
	826595	

Maximum 80 days Geophysical has already been claimed under Section 77-9

RECORDED MAR 29 1988

Total number of mining claims covered by this report of work: 20

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.

Date: Mar. 23/88

Recorded Holder or Agent (Signature): J. Bankowski

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Total Days Cr. Recorded: 400

Date Recorded: March 29, 1988

Date Approved as Recorded:

Mining Recorder / 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

Ministry of Northern Development and Mines

Ontario

Geophysical-Geological-Geochemical Technical Data Statement

File _____

TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT
FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT
TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Type of Survey(s) VLF-EM & SOILS GEOCHEM.
Township or Area CHESTER TWP.
Claim Holder(s) CONSOLIDATED SILVER BUTTE MINES LTD.
Survey Company J. BANKOWSKI
Author of Report J. BANKOWSKI
Address of Author 88 EDGEDALE DR. N.W., CALGARY
Covering Dates of Survey _____ (linecutting to office)
Total Miles of Line Cut 20

SPECIAL PROVISIONS CREDITS REQUESTED

ENTER 40 days (includes line cutting) for first survey.

ENTER 20 days for each additional survey using same grid.

	DAYS per claim
Geophysical	
--Electromagnetic	40
--Magnetometer	
--Radiometric	
--Other	
Geological	
Geochemical	20

AIRBORNE CREDITS (Special provision credits do not apply to airborne surveys)

Magnetometer _____ Electromagnetic _____ Radiometric _____ (enter days per claim)

DATE: Mar. 28/88 SIGNATURE: J. Bankowski Author of Report or Agent

Res. Geol. _____ Qualifications _____

Previous Surveys

File No.	Type	Date	Claim Holder

MINING CLAIMS TRAVERSED
List numerically

(prefix)	(number)
P-	809389
	809390
	809391
	809392
	809399
	809400
	809401
	809402
	809420
	809421
	809422
	809439
	809440
	809441
	809442
	819907
	826592
	826593
	826594
	826595

TOTAL CLAIMS 20

If space insufficient, attach list

OFFICE USE ONLY

837 (85/12)

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

Technical Assessment Work Credits

File: 2.10982

Date: October 16, 1989

Mining Recorder's Report of Work No.: W8806-127

Recorded Holder: CONSOLIDATED SILVER BUTTE MINES LTD.

Township or Area: CHESTER TOWNSHIP.

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	
Electromagnetic _____ days	P 809389-90 809401-02 809420 to 22 incl. 809439 to 42 incl. 862592 to 95 incl.
Magnetometer _____ days	
Radiometric _____ days	
Induced polarization _____ days	
Other _____ days	
Section 77 (19) See "Mining Claims Assessed" column	
Geological _____ days	
Geochemical 20 days	
Man days ☐ Airborne ☐	
Special provision ☒ Ground ☒	
☐ Credits have been reduced because of partial coverage of claims.	
☐ 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

15 days Geochemical P 809391, 819907

10 days Geochemical P 809399

5 days Geochemical P 809392, 809400

No credits have been allowed for the following mining claims

☐ not sufficiently covered by the survey ☐ insufficient technical data filed

* This report of work is an ammendment to Report of Work W8806-079. Linecutting credits relate to the above mentioned report of work.

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; Geologocal - 40; Geochemical - 40; Section 77(19) - 60.

Ontario

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

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

Telephone: (416) 965-4888

November 24, 1989

Your File: W8906-127
Our File: 2.10982

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

Dear Sir:

Re: Notice of Intent dated October 16, 1989 for Geochemical Survey submitted on Mining Claims P 809389 et al in Chester Township.

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:eb
Enclosure

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

Resident Geologist
Timmins, Ontario

Consolidated Silver Butte Mines Ltd.
Bank of Canada Bldg
901-900 West Hastings Street
Vancouver, B.C.
V6C 1E5

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
(R)	SEC. 36/80		19/2/80	S R O	171509

SAND AND GRAVEL

(G) QUARRY PERMIT

(G1) M T C PIT No 1349

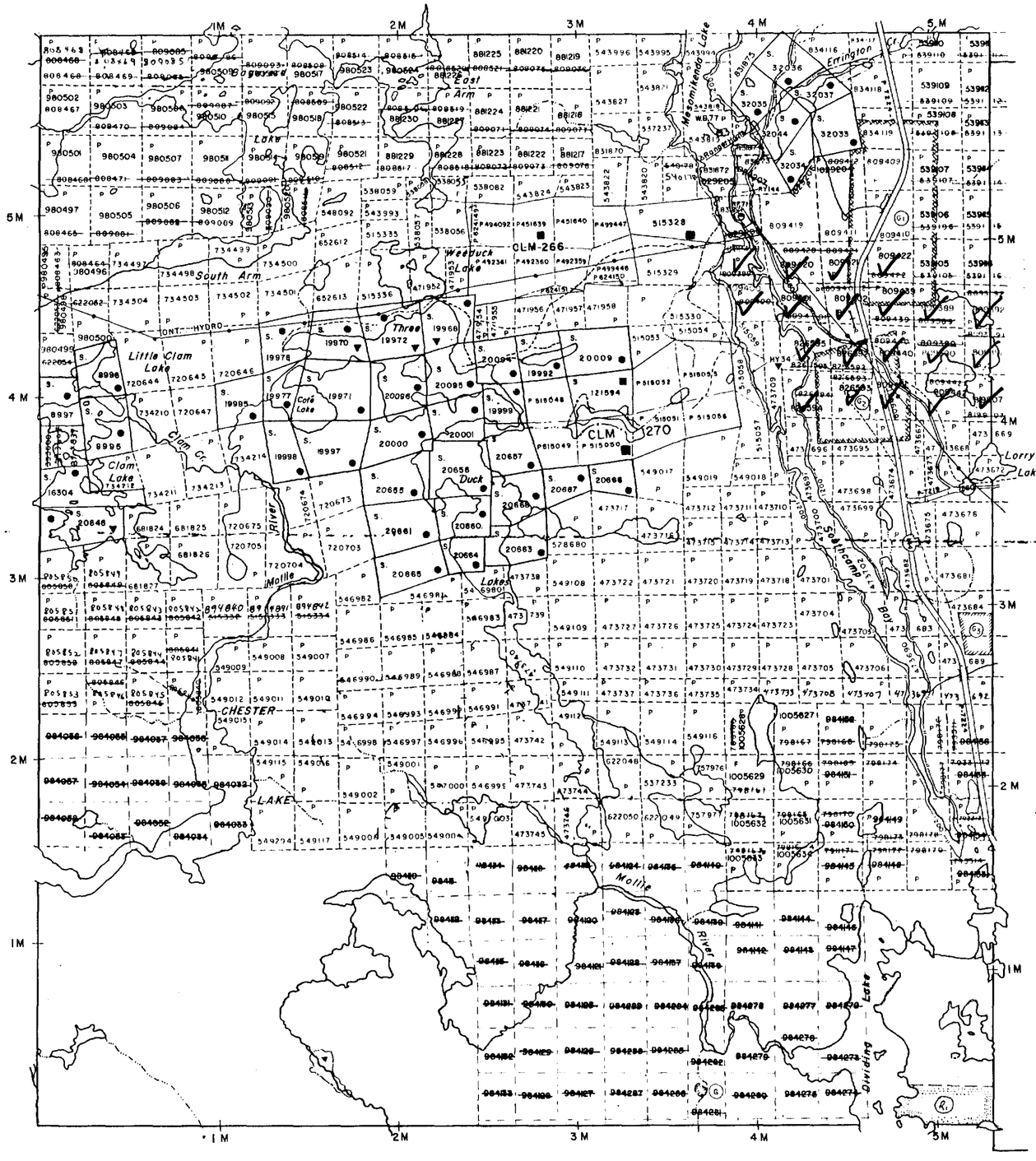
(G2) M.T.C. GRAVEL PIT No 1649

(G3) M T C GRAVEL PIT No 1385

NOTES

FLOODING RIGHTS TO CONTOUR 1200' RESERVED TO ONT. HYDRO, LOC HY 36, L.O. 7543, FILE 10621

NEVILLE TP.



YEO TP.

BENNEWEIS TP.

INVERGARRY TP.

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	(R)
~~CANCELLED~~	⊖
SAND & GRAVEL	(S)

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 8, 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

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 (1 KM) 2000 (2 KM)

TOWNSHIP

CHESTER

M.N.R. ADMINISTRATIVE DISTRICT

GOGAMA

MINING DIVISION

PORCUPINE

LAND TITLES / REGISTRY DIVISION

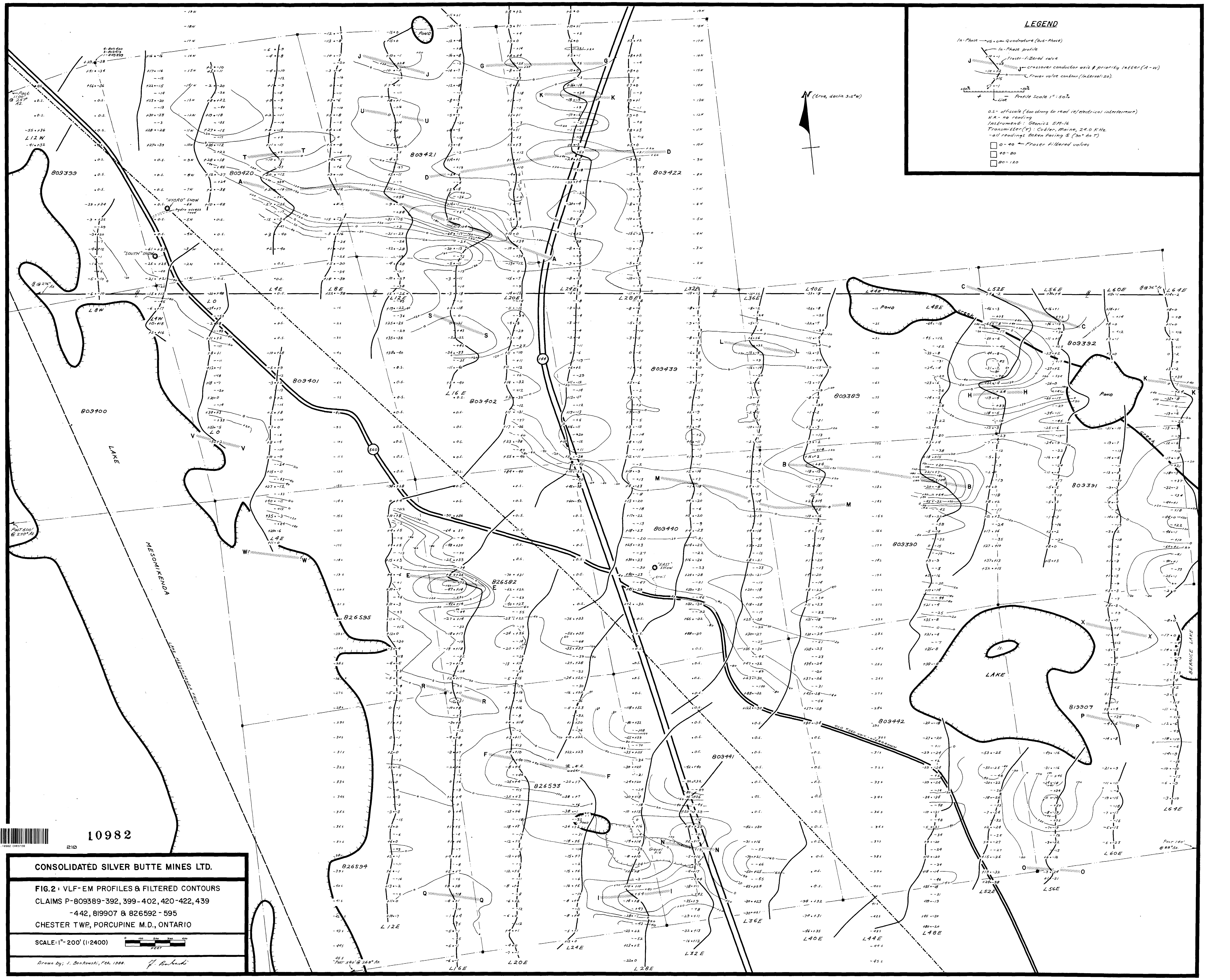
SUDBURY

Ministry of Natural Resources — Land Management Branch

Ontario

Date MARCH, 1985

Number G-3223



10982

210

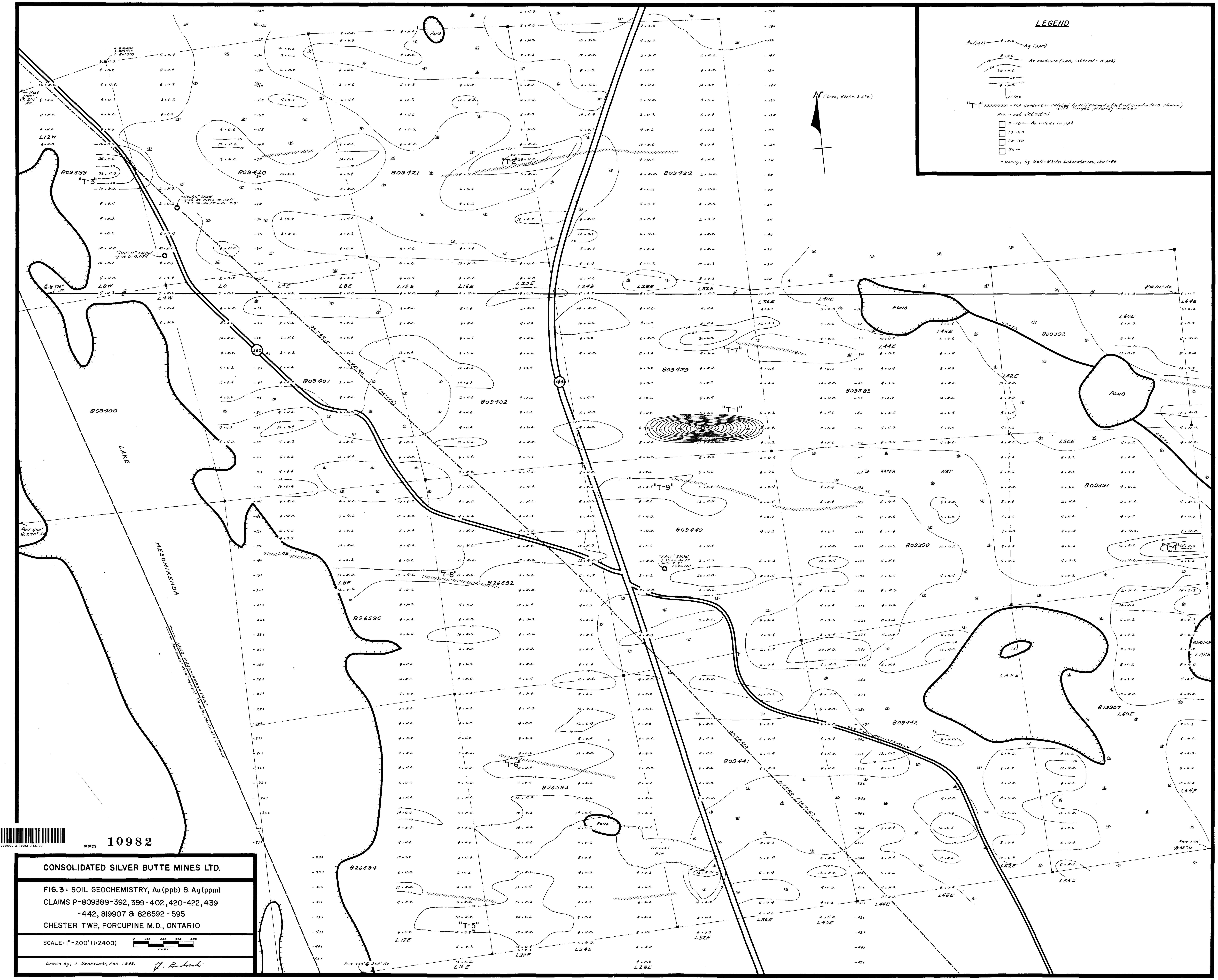
CONSOLIDATED SILVER BUTTE MINES LTD.

FIG.2: VLF-EM PROFILES & FILTERED CONTOURS
CLAIMS P-809389-392, 399-402, 420-422, 439
-442, 819907 & 826592-595
CHESTER TWP, PORCUPINE M.D., ONTARIO

SCALE: 1" = 200' (1:2400)

FEET

Drawn by: J. Benkowski, Feb. 1988.


LEGEND
Au(ppb) 4 • N.D. Ag (ppm)
Au contours (ppb, interval = 10 ppb)
Line
"T-1" VLF conductor related to soil anomaly (not all conductors shown) with target priority number
N.D. - not detected
0-10 Au values in ppb
10-20
20-30
30
- assays by Bell-White Laboratories, 1987-88
N (true, declin 3.5° W)
"T-1"
"T-2"
"T-3"
"T-4"
"T-5"
"T-6"
"T-7"
"T-8"
"T-9"
"HYDRO" SHOW
"SOUTH" SHOW
"EAST" SHOW
POND
LAKE
MESOMIKENDA
BERNICE LAKE
CREEK
WATER
WET
Gravel Pit
ONTARIO HYDRO (ACTIVE)
LAKE MESOMIKENDA FAULT
809399
809400
809401
809402
809420
809421
809422
809439
809440
809441
809442
809389
809390
809391
809392
813907
826592
826593
826594
826595
220 10982
CONSOLIDATED SILVER BUTTE MINES LTD.
FIG. 3: SOIL GEOCHEMISTRY, Au(ppb) & Ag(ppm)
CLAIMS P-809389-392, 399-402, 420-422, 439
-442, 819907 & 826592-595
CHESTER TWP, PORCUPINE M.D., ONTARIO
SCALE: 1"=200' (1:2400)
FEET
Drawn by: J. Bankowski, Feb. 1988.