

AR2005-099

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**Caribou Mines
(Black Duck Lake)**

Report of 2005 Explorations

Conducted at

Caribou Mines; Halifax Co. Nova Scotia

By

Henry Schenkels

DNRMP NOV14'05 11:47

Dated the 25 Day of October 2005

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Summary

Caribou Gold Deposit is one of many gold deposits discovered in the Maguma Terrain of Nova Scotia during the latter part of the 1800's. Caribou Gold Deposit is reported to have been discovered in 1869 and produced 91,335 ounces of gold prior to 1947. The gold was obtained mainly from quartz veins that were accessed through open cuts, shafts and underground workings.

Since 1947 exploration work including prospecting , mapping, sampling, geophysics, diamond drilling, shaft rehabilitation, underground drifting and sampling has been conducted by various identities over the Caribou Gold Deposit.

Much of the reported work conducted at Caribou Gold Deposit is on file at the NSDNR Library located on the third floor of Founders Square, 1701 Hollis, St. Halifax, NS. Assessment report 88-175, prepared for Seabright Exploration Inc., is perhaps the most significant report detailing a significant amount of work that has been conducted at the Caribou Gold Deposit.

Prior to conducting assessment work, the present day licensee to claim C tract 58 Map 11E2B, conducted an incomplete review of various reports and maps relating to the Caribou Gold Deposit but made no attempt to do a complete compilation of all the work that was reported . Assessment work was directed toward due diligence , verifying old workings and a reported gold soil anomaly, prior to conducting any additional exploration work on the property.

In the 2005 field season the licensee conducted a verification soil sampling program over approximately 1 km of lineal grid lines (3 lines) consisting of 21 "B" Horizon soil samples. Samples were taken over a reported (Seabright Resources) soil anomaly, 7 of 21 samples returning anomalies (< 0.050 cut off) gold values ranging from 0.075 ppm to 0.500 ppm.

The work conducted in 2005 was adequate to verify the existence of the reported soil anomaly but did not identify the extent of its boundaries.

Introduction

The licensee recognizing the importance of the Caribou Gold Deposit staked claim C Tract 58 Map 11E2B after noticing it had been open for staking for several weeks. After obtaining an exploration license the licensee conducted an incomplete review of assessment reports and various maps to better familiarize himself with the area. Several visits were made to the claim to verify old workings , Diamond Drill holes, property lines and to determine claim boundaries (claim boundaries moved slightly due to new claim maps introduced by N.S.D.N.R.)

A short verification Diamond Drill hole was planned but prior to drilling, new more accurate claim maps were introduced by N. S.D.N.R., resulting in a small shift in the location of claim boundaries resulting in the planned Diamond Drill hole being located off the claim, and therefore the planned hole was abandoned.

From previous reported work it was determined that a large gold soil anomaly may exist within the boundaries of the claim and the focus of exploration would be directed towards due diligence verifying the existence of this soil anomaly prior to conducting any advanced exploration.

A work program consisting of a soil sampling was successful in verifying the existence of a soils gold anomaly but did not verify the full extent of the anomaly on the claim.

Location and Access

Caribou Mines is located in the Halifax Regional Municipality north east of the city of Halifax and south of the area known as the Musquodoboit Valley.

North American Datum (1983) readings for Caribou Mines are easterly ~ 504080
northerly ~ 4989150

To access the claim take route 224 to its junction with route 336 in the village of Upper Musquodoboit. From this junction proceed west on route 224 for ~ 1.8 kilometers. Turn left into the Caribou Mines road. Proceed on the Caribou Mines road for approximately 9 km (not measured) until the southerly routing sharply turns to the west (this is Caribou Mines). From this sharp turn proceed west for .5 km this will locate you on the road that passes through the claim near some old open cuts which appear as a deep ditch on the north side of the road.

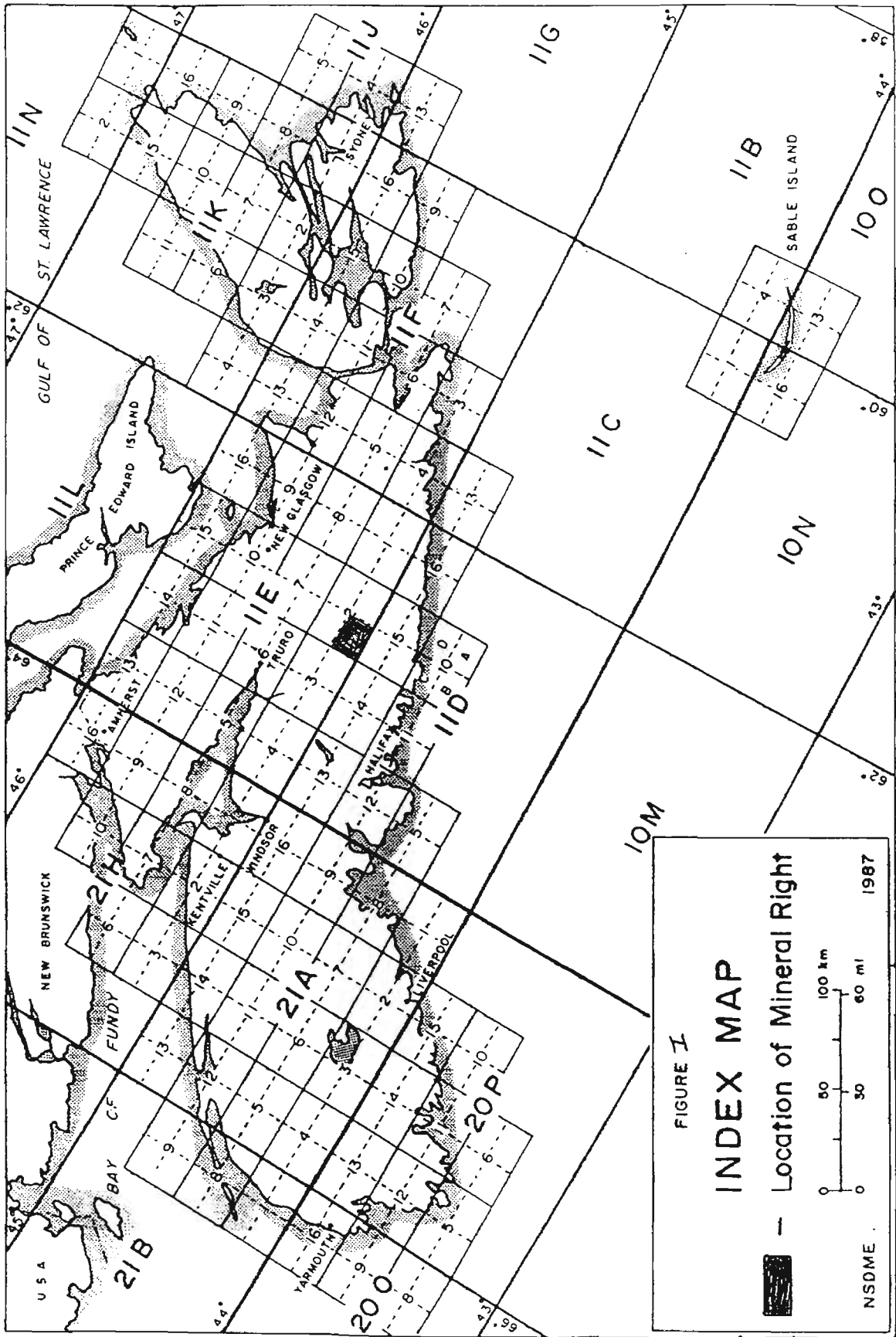
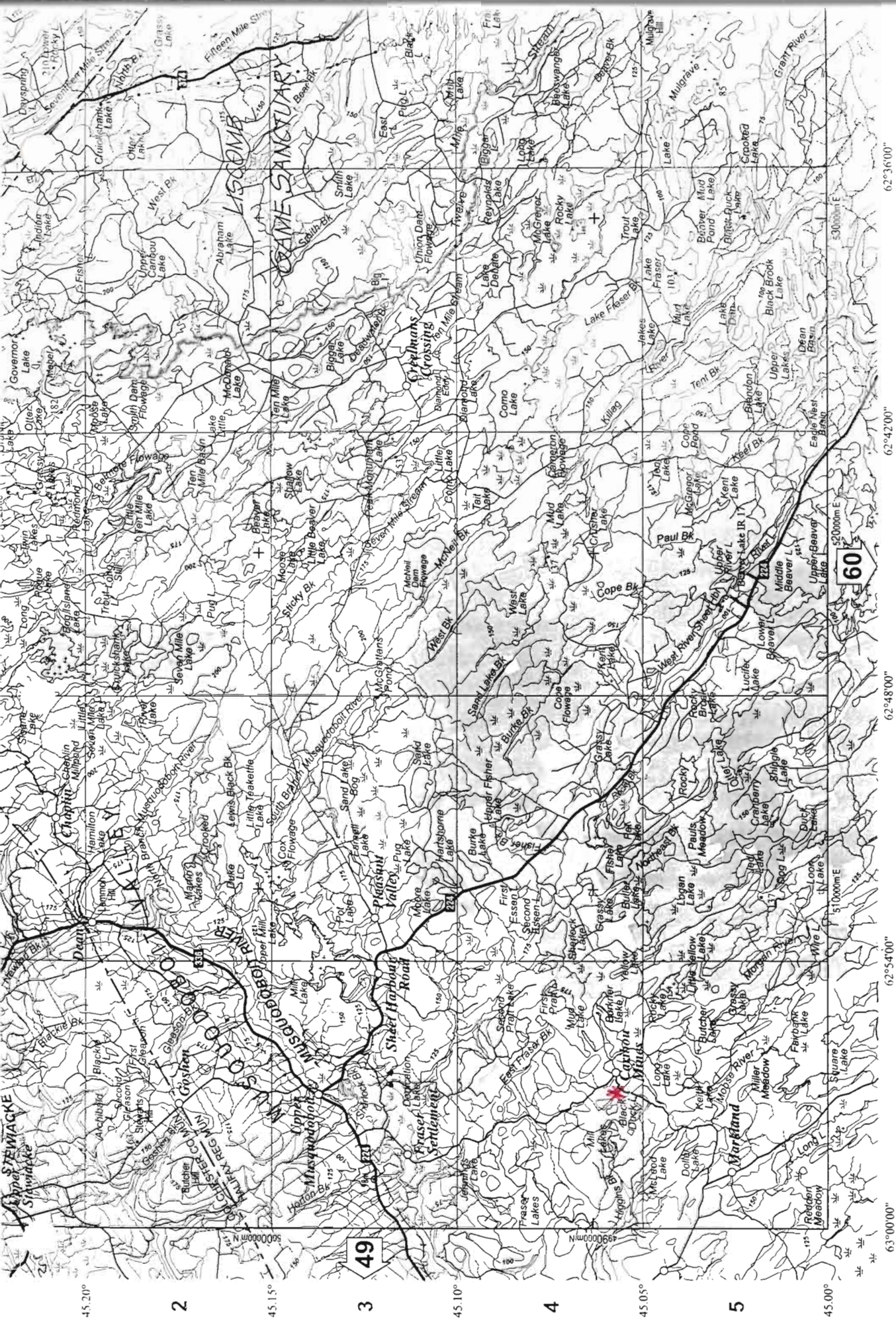
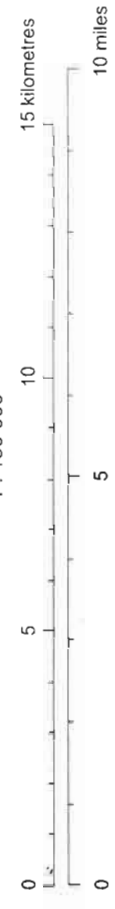


Figure 1



UPPER MUSQUODOBOIT

1 : 150 000



2001
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Projector

Figure II

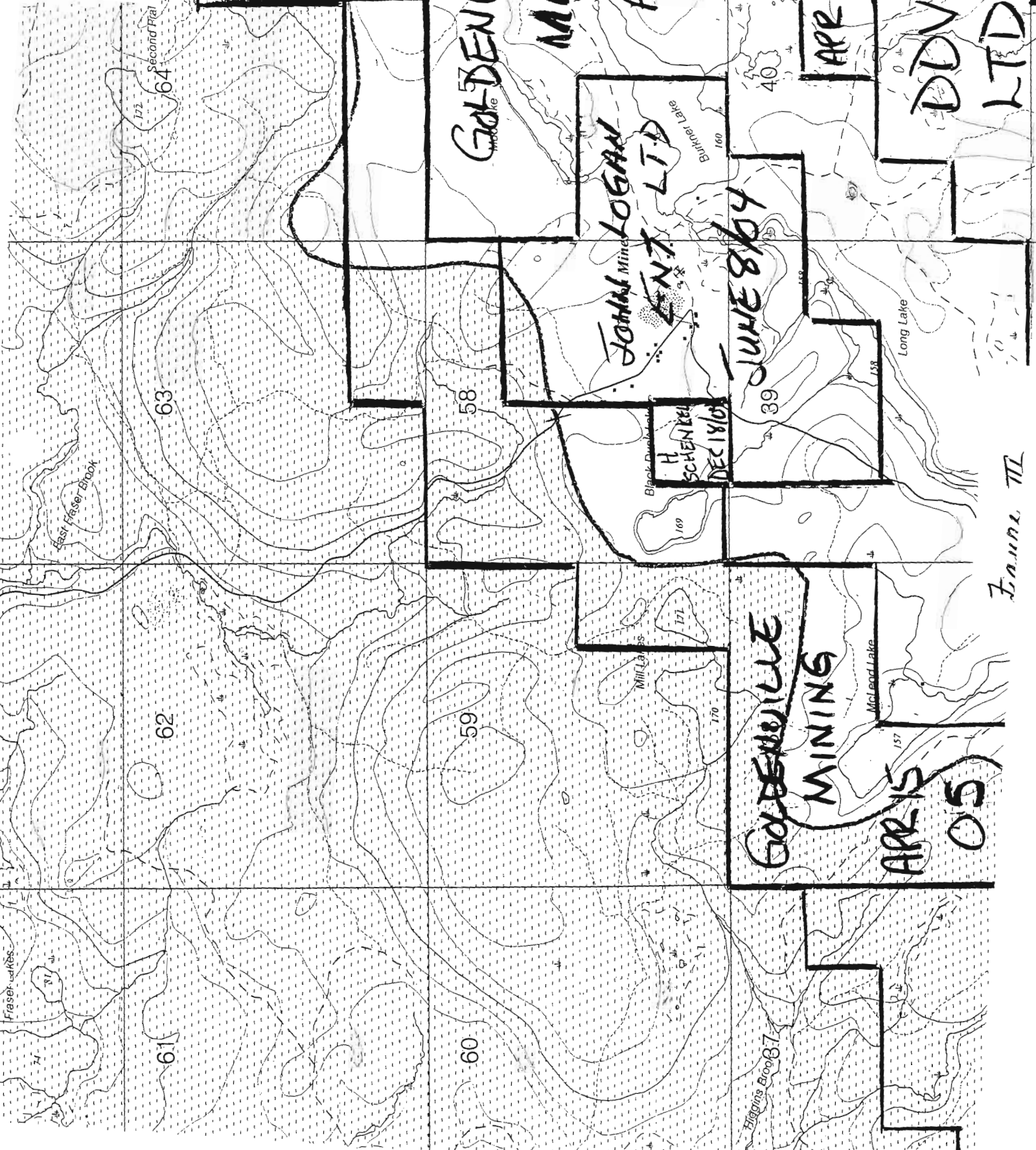
11E02

License Tabulation

The writer of this report, Henry Schenkels, holds the mineral rights to one claim making up exploration license 05854 (formerly 5518) issued the 18th day of December 2003 as a first year issuing.

NTS Map Sheet	Tract	Claim
11E2B	58	C

11E2B
Sheet Number



GOLDENVILLE
MINING CO
APR 9/05

John & MILDRED LOGAN
ENT. LTD.

JUNE 8/04

GOLDENVILLE
MINING
APR 15/05

DDV GOLD
LTD

H
SCHENKEL
DEC 18/04

GOLDENVILLE
MINING
APR 15
05

Fauna III

Caribou Mines – Work Performed

In late December 2004 the licensee made a visit to the claim to ascertain the conditions that a work program would have to be conducted under (type of woods, streams, bog, soil hazards, property lines, roads, etc.),

In April 2005 after reviewing various files and maps at the NSDNR library, additional visits were made to locate old workings, diamond drill holes, and to become familiar with where structures and anomalies were located on the claim. This was followed up by spotting a proposed short diamond drill hole very near the claim boundary and flagging a route into it's location.

In the spring of 2005 new claims maps were introduced by the N.S.D.N.R. Though claims remained basically the same , some boundaries were moved a matter of meters. These new claims maps also provide more clarity as to where the boundaries are located. After a review of the new claims maps it was determined that the proposed drill hole was not located on the claim and a revision of work proposed was necessary.

Soil sampling by Seabright Resources in the 1980's indicate a fairly large gold soil anomaly a short distance north west of the old workings (mainly open cut) that parallel the road that passes through the claim. A small soil sampling program was planned to verify the results that Seabright Resources reported.

A Crown lands property line (north east) basically crosses over the indicated soils gold anomaly though cornered (location of sample CM-40) south east before reaching the south western portion of the claim. For the purpose of the soil sampling program the crown property line was used as the base line with the south west end being extended a short distance by using compass and sight. Soil sampling stations were measured 50 meters apart along the base line and the stations to the north west and south east of the base line were established by pacing 50 meters at right angles from stations established along the base line.

Two samples (CM-40 and CM-50) were obtained using a home made sampler consisting of black iron pipe and reducers , this device didn't work well due to the rocky nature of the ground. These two samples consisted of 5 combined samples , one taken on center of station and one sample each taken ~ 16 meters from center , north , south, east, and west. The remainder of the samples were taken using a shovel to remove the humus material and then digging up enough till for a sample. Only the station site was used to obtain these samples. At station CM-61, CM-71 and CM-60 swamp was encountered and soil was not reached, though samples of humus material was sent in for assay they failed to return gold values. At some sample locations it was difficult to obtain a good sample due to rocky conditions. For example, at station CM-72 one could not dig with a shovel but had to use bare hands to remove rocks and scrape what little soil there was. A few other stations didn't fair much better.

All samples were prepared for shipment in plastic bags and identified by their sample

station. The samples were delivered to the Mineral Engineering Center , Dalhousie Sexton Campus to assay for Au and As by aqua regia leach and MIBK extraction, AAS finish. Several samples returned elevated gold values, verifying the reported anomalies reported by Seabright Resources (AR 88-275).

Interpretation of Results

Soil samples from 21 samples returned 7 anomalous readings with a cut off at 0.050 ppm. The anomalous values ranged from 0.075 ppm to 0.500 ppm. Sample CM-62-5 has the highest value returned for both gold and arsenic, this value is suspect due to its nearness to old workings.

With a third of the samples returning values > 0.0500 ppm on a very wide spacing it would appear that the anomalous soil conditions as reported by Seabright Resources is valid.

Conclusions and Recommendations

As result of the work conducted by the licensee a verification of a substantial soil anomaly on claim C has been made.

Follow up soil sampling at no more than 15 meter intervals should be conducted to determine the north – north west extent of the anomaly, where ground conditions permit. Once the north – west extent of the anomaly is determined, a trenching or drilling program, working south - south east may be warranted to investigate the soil gold anomaly.

Bibliography

(1898) Geological Survey of Canada – Geological mine surface plan sections ; map 643 scale 1:3000

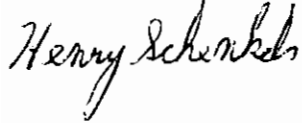
1988- gold, Caribou, Halifax County, Nova Scotia. Report on Exploration and Mining Histories, Prospecting and Geological Mapping, Soil and Till Geochemical Surveys, Magnetic, VLF-EM and IP Surveys, Drilling and Drill Core Assays, by Cullen, MP; Webster, PC; Mac Innis, R; Seabright Explorations Incorporated; Eastern Geophysics Limited, Assessment Report ME 1988-275, 1988,1000 pages, 78 maps.

1994 October 13, 1994- Nova Scotia Department of Natural Resources notice (opening of closures) Caribou, Halifax County, contact PK Smith.

Author's Qualifications

I registered as a prospector in Nova Scotia April 12, 1994; and hold Prospector's Identification No. 323. I participated in a basic prospecting course recognized by the Nova Scotia Department of Natural Resources, in the fall of 1997. My experience is self motivated involvement in the industry as a recreational prospector.

Henry Schenkels

A handwritten signature in cursive script that reads "Henry Schenkels". The signature is written in black ink and is positioned below the printed name.

Appendix A

Geochemistry

- 1) Sample Assay Results
- 2) Sample Location Map



Gold & Arsenic Analysis by Aqua Regia Method

After multiple stage crushing (minus 4.0 mm) with jaw crushers, samples are riffle split and pulverized with ring and puck (Spex Industries Inc. Shatterbox) to 100% passing 0.15 mm. Equipment is cleaned with jets of air and silica sand between samples. Soils are screened at 80 mesh.

A 10 g (or 20 g) sample is weighed into 400 mL beaker. The gold and silver is extracted with 120 mL of aqua regia (3 parts HCl and 1 part HNO₃) by heating on hot plate. The samples are evaporated down to approximately 40 mL. After adding 25 mL water, the samples are filtered into 100 mL flasks. Arsenic is read directly by atomic absorption and gold is concentrated and separated from any interfering elements by extraction with M.I.B.K. By extracting into an organic phase (MIBK) not only are interfering elements removed and the sample concentrated but the sensitivity in the M.I.B.K. phase is much greater than in aqueous medium. The total sample is transferred to a 125 mL separatory funnel and 10 mL of methyl isobutyl ketane is added. The funnel is shaken for about 2 minutes and the layers allowed to separate. The aqueous layer is run off and discarded. 35 mL of 10% HCl is added and the funnel shaken again for two minutes and the aqueous layer discarded. The M.I.B.K. layer is washed in a similar manner 3 to 5 times. The gold is determined by atomic absorption. For gold the Minerals Engineering Centre use Smith-Hieftje background correction method.

Standards are prepared in 25% HCl and extracted into an equal volume of M.I.B.K. Range of standards include 0.0, 0.25, 0.50, 1.0, 2.0, 3.0, 4.0, 5.0 and 10.0 mg/L gold.

For ore samples containing high levels of sulphides or carbonates. The residue from aqua regia extraction is re-leached with aqua regia and analyzed for gold, as above. Total gold in the sample is the sum of the two leaches.

Detection Limits (lowest value reported).

Gold 3 ppb
Arsenic 1 ppm



23-Jun-05

Tel: 902.494.3955
Fax: 902.425.1037
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Henry Schenkels
RR#2
Goshen, NS
B0H 1M0

Re: Results of analysis on submitted samples. Arsenic using partial extraction with nitric and hydrochloric acid on -80 mesh soil samples. Gold extraction using aqua regia leach and MIBK extraction, AAS finish.

Sample	ppm							
	Au	As	Cu	Pb	Zn	Ni	Co	Ag
WCC-05-101	0.013		7	17	32	18	4	<0.1
CM-30-S	0.135	2						
CM-31-S	0.035	7						
CM-40-S	0.125	23						
CM-41-S	0.035	14						
CM-41-S-A	0.008	15						
CM-42-S	0.020	33						
CM-50-S	0.003	16						
CM-51-S	<0.003	17						
CM-52-S	0.005	13						
CM-60-S	<0.003	41						
CM-61-S	<0.003	12						
CM-62-S	0.500	6199						
CM-70-S	0.035	152						
CM-71-S	0.008	48						
CM-72-S	0.005	381						
CM-80-S	0.013	25						
CM-81-S	0.075	17						
CM-82-S	0.180	44						
CM-90-S	0.085	96						
CM-91-S	0.085	42						
CM-101-S	0.035	315						

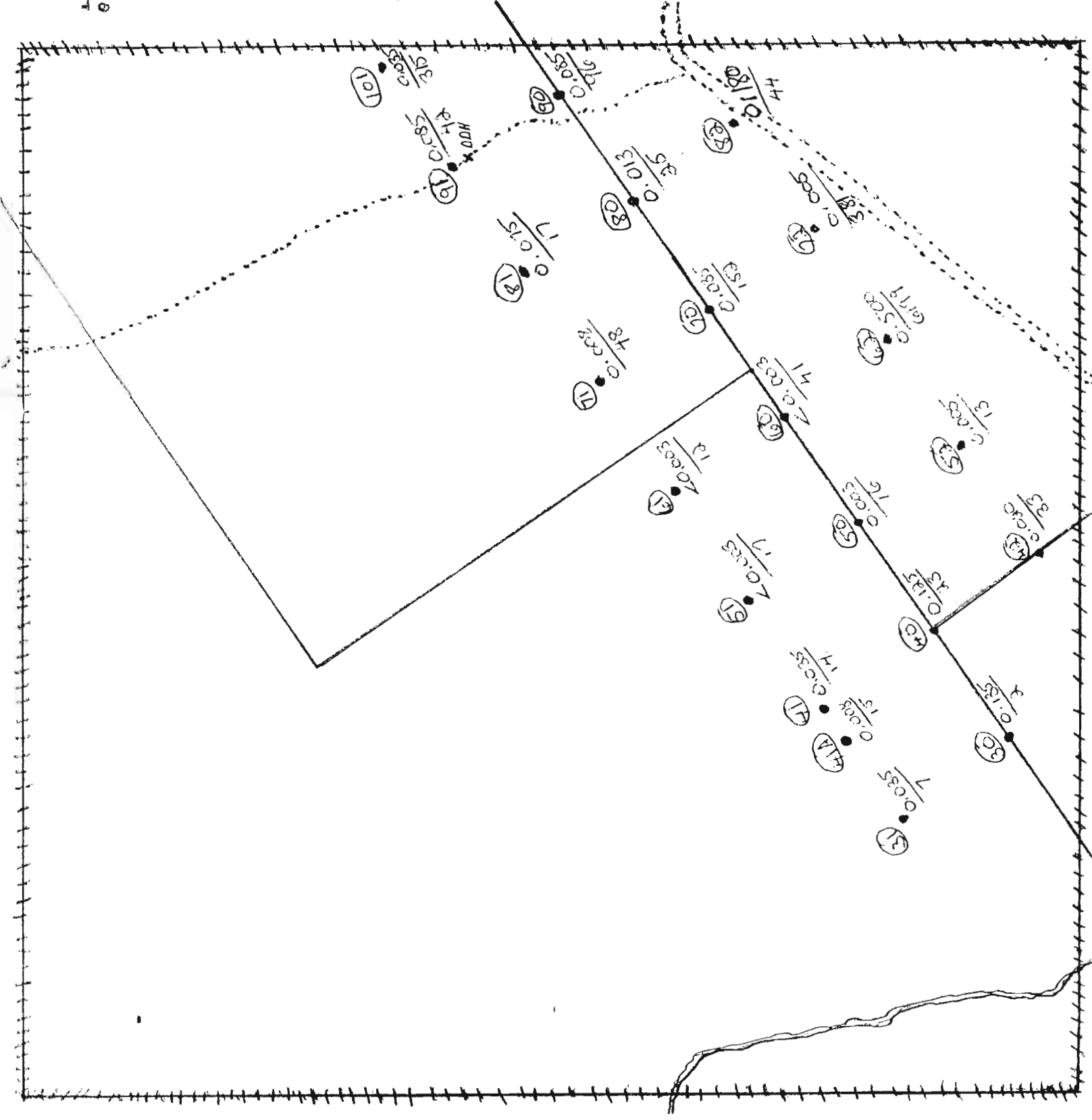
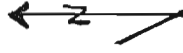
Daniel Chevalier
Daniel Chevalier

LOCATION MAP

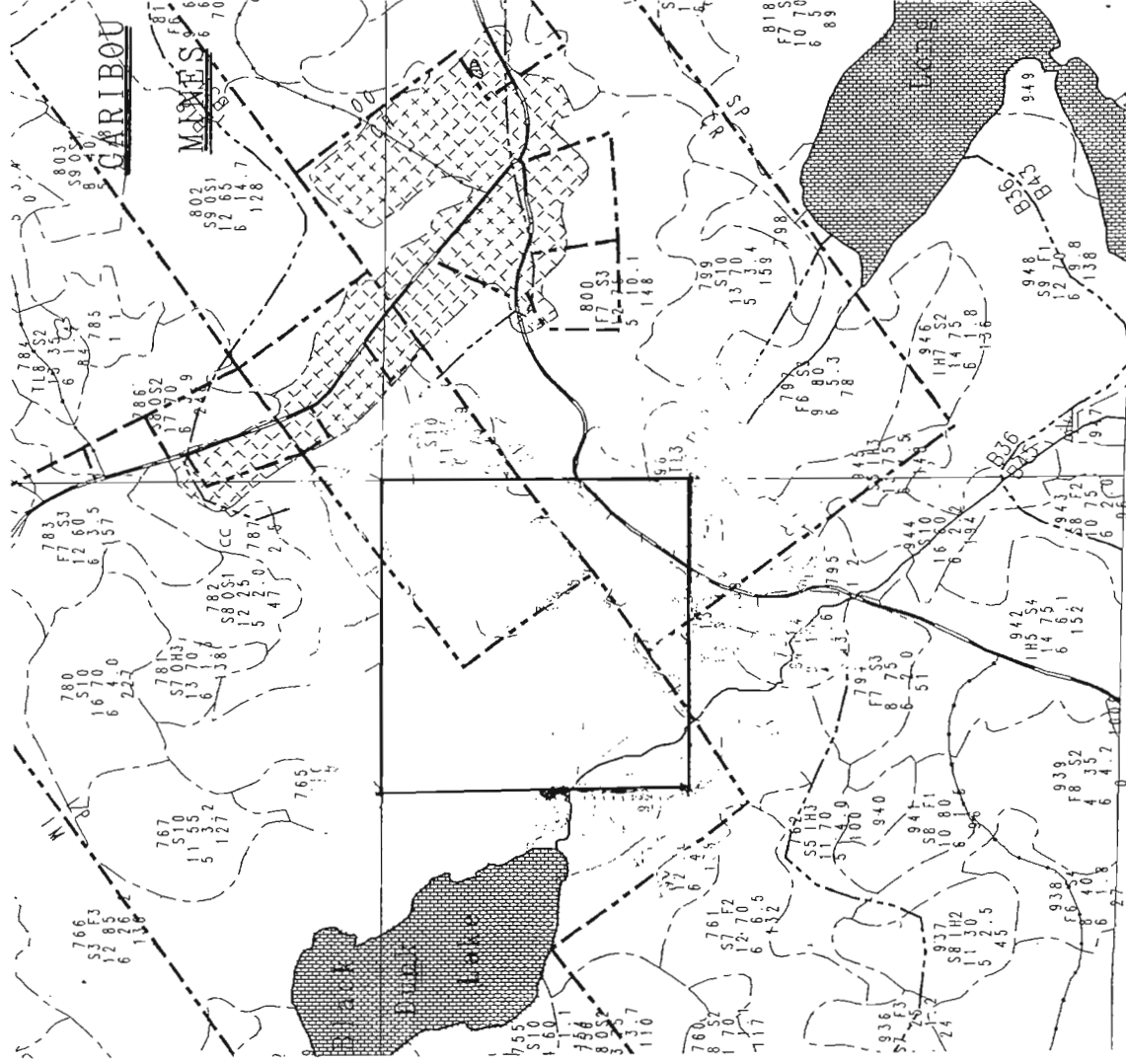
Claim C Tract 58 Map Ref. 11E2B



Meters



LEGEND
- Property
- Boundary
- Claim
- Boundary
- Stream
- Sample Location
- Gravel Road
- Trail
XDDM - Diamond
Dc. H. Hole
Sample number
0.075 - A ₁ PPM
0.17 - A ₂ PPM
GEOCHEMISTRY
H. F. Schenkels
Gold, Caribou Mines
Reference Map 11E2B
License Number 058554
Date Oct 25, 2005



METRES



SCALE 1:10 000

Form 10 - Statement of Assessment Work Expenditure
(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)

Re: Licence No. 05854 Date of issue 18 December, 2004
Formerly # 05518 // second year lease

Type of Work			Amount Spent
1.	Prospecting <u>2 Prospecting + 1 Research.</u>	<u>3</u> days	<u>525^{xx}</u>
2.	Geological mapping	_____ days	
3.	Trenching/stripping/refilling	_____ m ² / _____ m ³	
4.	Assaying & whole rock analysis	_____ #	
5.	Other laboratory	_____ #	
6.	Grid: (a) Line cutting (b) Picket setting (c) Flagging	_____ km _____ km <u>1</u> km	<u>175^{xx}</u>
7.	Geophysical surveys Airborne: (a) EM/VLF (b) Mag or Grad (c) Radiometric (d) Combination (e) Other	N/A	
8.	Geophysical surveys Ground: (a) EM/VLF (b) Seismic soundings (c) Magnetic/telluric (d) IP/resistivity (e) Gravity (f) Other	N/A	<u>DNRMPT NOV 14 05 11:48</u>
9.	Geochemical surveys (a) Lake, stream, spring (i) Water (ii) Sediments (b) (i) Rock (ii) Core (iii) Chips (c) (i) Soil (ii) Overburden (d) Gas (e) Biogeochemistry (f) Sample collection (g) Other	_____ samples _____ samples _____ samples _____ samples <u>31</u> samples _____ samples _____ samples _____ samples <u>2</u> days	<u>199^{xx}</u> <u>350^{xx}</u>
10.	Drilling: (a) Diamond (# holes/m) (b) Percussion (# holes/m) (c) Rotary (# holes/m) (d) Auger (# holes/m) (e) Reverse circulation (# holes/m) (f) Logging, supervision, etc. (g) Sealing (# holes)	N/A	
11.	Other (describe) <u>Preparation & delivery of samples to Lab</u> <u>Multiple total</u>	<u>2051 km x 36 days</u>	<u>175^{xx}</u> <u>738^{xx}</u> <u>2162^{xx}</u>
Subtotal			
Overhead costs			
12.	Secretarial services <u>Wife Typing etc.</u>		<u>150^{xx}</u>
13.	Drafting services <u>Drawing Maps</u>		<u>125^{xx}</u>
14.	Office expenses (rent, heat, light, etc.)		<u>50^{xx}</u>
15.	Field supplies <u>Pipe 46.45 / Sawtoys 15 / Bags 210</u>		<u>61⁴⁵</u>
16.	Compensation paid to landowners	N/A	
17.	Legal fees	N/A	
18.	Other (describe)		
Subtotal			<u>386⁴⁵</u>
Grand total			<u>2,549³¹</u>

Please reimburse Payment in lieu of work 2004

Handwritten signature

