

PROSPECTOR'S STATEMENT

RE EXPLORATION LICENCE NO. 00336

AR 94-033

Date First Issued June 19 19 79

PROPERTY LOCATION RENFREW COUNTY HAUTE

Have you filed a prospector's Statement regarding this property before?

No Yes - Provide dates (month/year): _____

(N.B. Only new information is acceptable for work credits)

CLAIMS	TRACT	CLAIM REF. MAP	CLAIMS	TRACT	CLAIM REF. MAP
SH JK	7	11E4.A			

NATURAL RESOURCES

MAY 12 1981

5/19/81

1. Did you search the property for outcrop float or both ? NO

2. Was your search carried out:
 a) along roads and/or streams? No Yes - Identify such features on your map.
 b) on control or traverse lines? No Yes - Indicate if blazed ,
 flagged or unmarked and how established (compass, chain, pace etc.)
N/A and show the approximate location of the lines on your map.

3. Are your compass bearings magnetic or true astronomic N/A?

4. Did you carry out any trenching/pitting? No Yes
 stripping? No Yes
 drilling? No Yes

- if so, show the location of these workings on your map and indicate their dimensions
 - briefly state your reason for locating these workings where you did
As per attached report & EXCAVATION
Permit No. E-38

5. Did you locate any previously existing shafts or adits? No Yes,
 drillhole sites? No Yes

- if so, indicate these on your map.

6. Record the types of the rocks you observed
 a) in outcrop: see attached report.

b) in float: N/A

7. Did you measure the strike/trend and dip of:
 a) the rocks in place? No Yes
 b) of any observed veins No Yes
 - if YES to either, plot these observations on your map(s).
8. Did you observe any mineralization on the property? No Yes
 - if YES indicate
 a) locations and type on your map(s) with symbols (Py, Au etc.)
 b) the character and width of observed veins, e.g.: "quartz (Q)/3.3 ft. (or 1.0M).
9. Did you sample any:
 a) overburden (soil or till)? No Yes b) outcrop or float? No Yes
 b) panning concentrate? No Yes d) dumps/tailings? No Yes
 c) mine workings? No Yes e) drill core/cuttings? No Yes
10. Did you have any samples analyzed? No Yes
 - if YES, indicate the nature (grab or chip etc.) and width (ft. or m) of the sample, plot the result on your map and attach original assay sheet(s) from the laboratory.

- of NO, explain why not BULK SAMPLES MILLED AT HORNE'S
STAMP MILL

11. Record any other observations that you consider significant (here or upon your map):
see attached map.

The NAMES and ADDRESSES of the persons who performed the said work and the DATES upon which each person worked in its performance are as follows:

NAME	ADDRESS	MONTH	DATES
EDGAR HORNE	ENFIELD	AUG 30, 31	Sept 1-Oct 5
TERRY HORNE	ENFIELD	AUG 30, 31	Sept 1-Oct 5

THE TOTAL COST OF THE WORK REPORTED BY THIS STATEMENT IS \$ 5,000-00
 (ref. Statement of Expenditure filed separately)

I HEREBY CERTIFY THAT THE INFORMATION RECORDED ABOVE AND ON THE ATTACHED MAP(S) IS, TO THE BEST OF MY KNOWLEDGE, TRUE AND CORRECT

Dated at HALIFAX
 this 15th day of JUNE 19 94

Edgar Horne
 Signature of Licensee

FOR DEPARTMENT USE			
Received		Conf. to	
Accepted		Filed	
Rejected		Exp. Mon	
Returned		D/Base	
Recorded			

AR 94-033

REPORT ON UNDERGROUND EXPLORATION

DOUBLE NUGGET LEAD

RENFREW GOLD DISTRICT

HANTS COUNTY, NOVA SCOTIA

NTS 11E4A

January 16, 1993

by

D. Forgeron, B.Sc. FGAC

Prepared for Edgar Horne - Recipient of Prospectors Assistance Grant No. PAP 0480

DUPLICATE AVAILABLE

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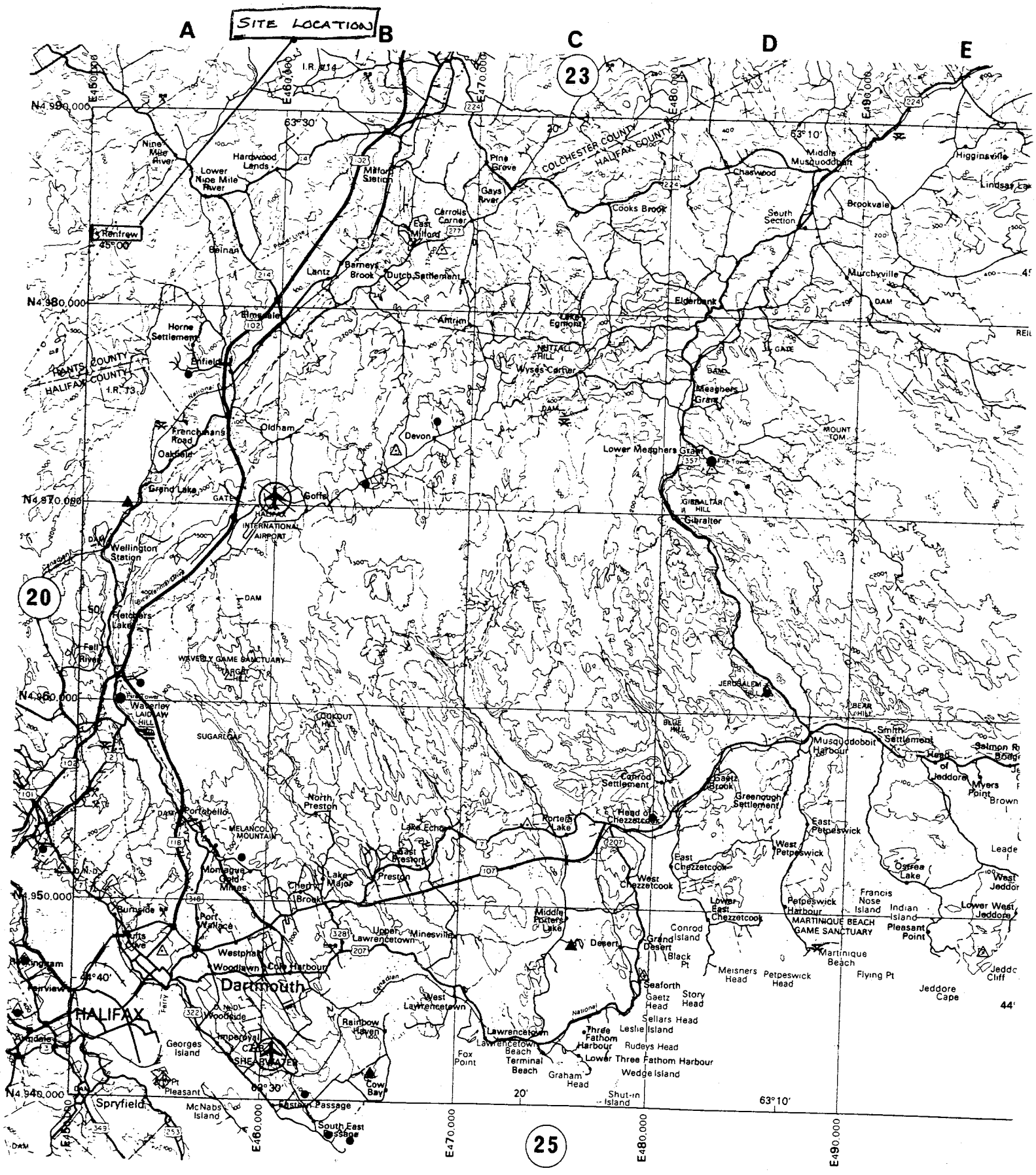
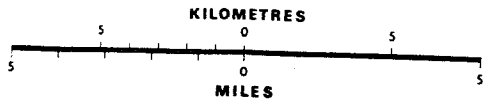


FIGURE 1
LOCATION MAP



SCALE 1:250,000
1 INCH = 3.95 MILES

INTRODUCTION

At the request of Edgar Horne, the author prepared the following report on underground exploration and bulk sampling at Renfrew in Hants County, Nova Scotia.

The purpose of the work was to test by underground drifting the grade of gold in the "Double Nugget Lead".

Partial assistance for this work was provided through the Prospectors Assistance Program initiated by the Department of Natural Resources in September, 1993. This funding covered a portion of operating costs during the period August 30 - October 8, 1993.

LOCATION AND ACCESS

The property is located approximately 35 kilometres north of Halifax (Figure 1). The area is readily accessible by following route 102 and taking the Enfield exit. Good quality secondary roads allow access to the immediate area under investigation.

PROPERTY OWNERSHIP

Surface and mineral rights are held by Edgar Horne of Enfield. Figure 2 shows claims held by Horne at Renfrew.

Exploration Licence No. 00336, the claims group subject of this work is described as follows:

Map Ref.	Tract	Claims	Date Staked
11E4A	7	ABGH JKPO	June 19, 1993

LOCAL GEOLOGY AND MINERALIZATION

The property is underlain by greywacke and slates of the Ordovician-aged Meguma Group. Structural deformation has folded these rocks into a domed anticlinal feature at Renfrew (Figure 3). As with the majority of Meguma hosted gold deposits, stratabound quartz veins carry coarse particulate gold in distorted sections of such domes. Quartz veins 5-160 cm. in thickness occur in the slates and where affected by secondary flexures, cross-fissuring and quartz "angulars" are enriched with gold, forming ore shoots.

The Renfrew Gold District was one of the most productive in Nova Scotia. 50,908 ounces

1974/3 ~~XXXXXXXXXX~~ **DOUBLE NUGGET VEIN BULK SAMPLE**

RENFREW, N.S.

TRACT 7

CLAIM P I

Q

K

J

G

H

B

A

To Nine Mile River

BULK SAMPLE LOCATION

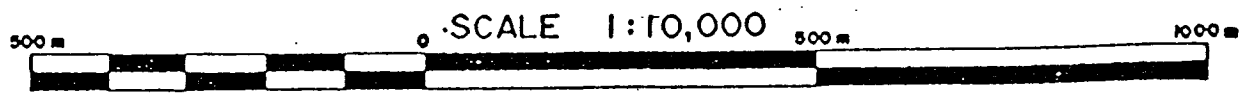
To Erfield

EXPL LICENSE NO. 00336

45°00'

00336

Reference Map IIE/Q4A IID/13D



of gold were recovered from 65,121 tons of ore milled. Millheads probably approached 1 ounce per ton. Henderson (1933) reports that 133 shafts averaging 92' in depth were sunk at Renfrew. The deepest shafts (400') was put down on the Ophir and Foundation leads. The Ophir belt of veins produced over 60 per cent of the district's gold but received little or no development after 1871.

Very rich shoots were mined from the Jubilee-Thompson belts where a tightly folded undulation on the southwestern flank of the Renfrew dome occurs. The intense folding and faulting in this area presented difficulties in following the ore shoots.

Quartz veins are both massive and laminated with partly replaced inclusions of slate (crack-seal textures). Variable quantities of arsenopyrite, pyrite, chalcopyrite and galena are found locally. Drusy cavities are sometimes lined with pyrite crystals and stained by hematite. Gold frequently occurs adjacent such cavities.

PREVIOUS INVESTIGATIONS

Gold was first discovered at Renfrew in 1862 by William Thompson.

Most production was achieved during the period 1866-1871 when 23,638 ounces of gold were reported from 32,475 tons of ore. Most of this production came from numerous small workings on the Ophir, McLure, Brook, McLeod and Phillips leads.

The richest ore milled at Renfrew was from the Jubilee-Thompson belts during the period 1900-1903. 10,901 ounces of gold were recovered from 2794 tons of ore averaging 3.9 ounces/ton.

Between 1903-1913 production from the Jubilee, Thompson, Preeper, McLeod and Foundation leads resulted in 3,929 ounces from 10,859 tons. Sporadic mining during the periods 1927-1939 and 1942-1958 produced 1,917 ounces from 2,840 tons mined.

Small production in recent years was achieved from several lodes at Renfrew by Edgar Horne, the current licence holder. Horne operates the only fully functional 5 stamp mill in

the province.

Diamond drilling and prospecting programs have been undertaken during the periods 1947, 1982-1984 and 1986-1987. The most extensive exploration effort was completed by Acadia Mineral Ventures Ltd. in 1986 when almost 4,000 metres of diamond drilling was completed in 30 holes.

The Double Nugget vein was discovered by Edgar Horne in the fall of 1992 during a trenching program. The coarse gold recovered by Horne encouraged him to continue operations by blasting and excavating to depths of 3-5 metres. A shaft was put down along the vein to a depth of 12 metres. The quartz/slate was stripped from the shaft wall and milled in Horne's 5 stamp mill. Approximately 106 grams of gold were obtained from 1,400-1,500 kg. of ore. In August 1993 Horne continued operations with the help of several experienced miners and drifting to the east and west of the shaft was initiated.

WORK PROGRAM - DOUBLE NUGGET VEIN (AUGUST 30-OCTOBER 8, 1993)

Funding provided under the Prospectors Assistance Program covered a portion of operating costs between August 30 and October 8, 1993.

The total cost of the exploration program which was carried out between August 5 and December 12, 1993 was in excess of \$20,000.00.

A daily log of work completed during the period of PAP funding is attached.

There are no engineering or geological plans available for the program but Horne has a collection of photographs on file taken during various stages of surface excavation and underground exploration. Two of these photos are attached.

The Double Nugget lead lies between the Paper Collar and Brander leads. Although no historical records are known for work on this vein, Horne's initial prospecting revealed minor surficial excavations.

The vein occurs along the hanging wall of a 8-30 cm. wide slate bed. The quartz is 1.5-8.0 cm. thick. Near the centre of the shaft the vein splits eastward. Visible gold occurs 3-4 metres east along the second lead but diminishes in grade further along this direction.

Drifting was conducted 3-4 metres east and west of the shaft carrying the back 3-3.5 metres high.

Two bulk samples were milled from the workings. The first test of 1,500 kg. was from quartz/slate extracted during shaft sinking. 106 grams of gold were recovered. The second sample was taken from the vein explored in the drifts. 1,100 kilograms of ore returned 62 grams of gold.

Assisting Edgar Horne at various stages of the program were John O'Brien, John Renaud, Nathan Horne, Terry Horne and Barry Boyd.

Equipment used was supplied, for the most part, by Edgar Horne.

CONCLUSIONS AND RECOMMENDATIONS

Although the author has not seen the underground workings on the Double Nugget lead, the gold recovered as a result of relatively minor exploration is encouraging. Edgar Horne indicates the vein shows better grades in the East Drift. Further drifting after surface excavation and sampling may prove rewarding.

D. Forgeron

D. Forgeron, B.Sc. FGAC

January 16, 1993

DAILY LOG

(to be attached to Form No. 11 when submitted)

DAY	DATE	NO. DAYS	WORK PERFORMED
1	AUGUST 30	1	MILLED ORE 2 1/2 HOURS
	31	1	DRILLED 12 HOLES EAST DRIFT. BLASTED WASTE
	SEPTEMBER 1	1	MUCKED WASTE ROCK. SCALED BACK, REPLACED DECK
	2	1	PUMPED SHAFT - REMOVED 12 DRUMS WASTE
	3	1	PUMPED SHAFT - REMOVED 12 DRUMS WASTE, 2 DRUMS ORE. VISIBLE GOLD IN ORE
	6	1	PUMPED SHAFT. MUCKE 2 DRUMS WASTE. DRILLED 12 4 FOOT HOLES IN WEST DRIFT
	7	1	PUMPED SHAFT. MUCKED AND SCALED DOWN ORE. HAULED ORE TO MILL
	8	1	PICKED UP EXPLOSIVES
	9	1	PUMPED SHAFT, DRILLED / BLASTED 4 FOOT ROUND EAST DRIFT. MUCKED ONE DRUM OF WASTE
	10	1	PUMPED SHAFT. MUCKED WASTE, SCALED ORE FROM HANGINGWALL WITH AIR CHISEL
	13	1	PUMPED SHAFT. DRILLED EAST DRIFT
	14	1	PUMPED SHAFT, MUCKED WASTE - SCALED ORE FROM EAST DRIFT. TRUCKED ORE TO MILL
	15	1	PICKED UP SUPPLIES
	16	1	PUMPED SHAFT. MUCKED WASTE AND SCALED ORE FROM HANGING WALL
	17	1	PUMPED SHAFT. DRILLING 4 x 4 FOOT HOLES IN EAST DRIFT. BLASTED AND MUCKED WASTE. REMOVED ORE - TIMBERED BACK OF DRIFT
	SEPTEMBER 21	1	CLEARED AREA NORTH OF SHAFT WITH DOZER AND EXCAVATOR

I hereby certify that the above information is true and correct and that it has not before been submitted for assessment work credit.

Date Submitted _____

Prospector's Signature _____

06/24/93



PHOTOS - DOUBLE NUGGET SHAFT

