

AR 96-016

WINE HARBOUR

Lic # 01653

BY

SCOTT GRANT

AR 96-016

REPORT ON PROSPECTING

WINE HARBOUR CLAIM GROUP

11 F/4 B

GUYSBOROUGH COUNTY NOVA SCOTIA

LICENSE #016 53

Ted MacNaughton  
17 February 1996

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NATURAL  
RESOURCES  
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Fig. 1 ✓ In pocket

NO2

Summary:

The work performed on these claims of the northern part of Wine Harbour gold district, includes reviewing reports and maps in the library, traversing along shore to find apex of northern anticline, panning along apex and channel sampling two (2) quartz veins found exposed along shore . (Fig. 1 for location). No gold was found when assayed. (appendage 1) Visible gold was found however, when panning gravel and sands in vicinity of anticline.

Approximately 600 boxes of core were found stored off Rude Hill Road on claims. These were checked for tag number and identification marks and reported to N.S.D.N.R. (John McMullin) in late August 1995.

While traversing on claims heavy overgrowth and old grid lines which should be redone in near future before lost were observed.

Introduction:

The work program was done to familiarize and check reports of work previously done on claim for gold. This showed encouraging results with panning of gold along apex of anticline along shore. Although two quartz veins exposed along shore, channel sampled and assayed did not show gold values, other veins which have been found exposed at low tide should be sampled and assayed. These claims which are in the northern part of Wine Harbour gold district have not had as much work done over previous years as the claims to the south. This was probably because of the heavy overburden along this northern anticline and the good results gotten in the southern claims of the district which has less overburden and more exposure.

Location:

The work program on license #01653 is in the northern part of Wine Harbour gold district. Access is quite easy from all directions, the claims cross the intersection of Sonora Road and Wine Harbour Road in the west on claim Q tract 67, 11F4B, and run to the shore of Indian Harbour to the east. An old road called Rude Road runs from Wine Harbour Road to North Line of claims A,B, on tract 77 11F4B and claims border on License 01461 to the south owned by Ted MacNaughton.

License Tabulation:

License #01653 (1st year) issued to Ted MacNaughton Feb 17 1995.

Map 11F4B - Tract 67 Claim K,P,Q  
              Tract 68 Claim N,O,P,Q  
              Tract 69 Claim N,O  
              Tract 76 Claim D  
              Tract 77 Claim A,B

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Work Performed:

NATURAL  
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Ted MacNaughton and Scott Grant were in Halifax on Feb 14, 1995 and applications for claims and library work were performed.

Ian Campell and Ted MacNaughton on March 26 1995 went along shore to north anticline finding numerous veins and one angular vein of quartz exposed along shore. Look for anticline exposed along strike found heavy overburden there were no trenches or outcrop found.

Ted & Eileen MacNaughton on Aug. 13th 1995 panned area of anticline exposed on shore. Some visible gold was found in pan. (Fig. 1).

Ted MacNaughton, Scott Grant and Ron Mills from N.S.D.N.R. travelled south on Rude Hill Road from Wine Harbour Road. When they hit north boundary they went west looking for out crop and old trenches. None were found. (Spent part of day checking tag numbers and core boxes (approx. 600 boxes) stored along road on claim).

Jerry Mazerole spent on day panning and traversing on anticline from shore west. Gold found in sand along shore (Fig. 1).

Scott Grant spent one day at library looking for drilling possibly done on claims. Found a report by Jacques Whitford 1988 which says that two holes were drilled close to claims border in AGM 5, AGM 6 tract 67 claim Q. Three holes by Albatrus Gold Mines AGM 5 and AGM 6 along south claim line of claim Q tract 67 and 1 hole AGM 4 drilled approximately in claim N Tract 68 Previously to 1987.

Ted MacNaughton and Scott Grant channel sampled two angular quartz veins running true north at Rocky Pt., along the beach at about high tide line. These quartz veins were lightly stained with small blebs of arsenopyrite.

Scott Grant spent one day doing reports and maps.



Conclusion and Recommendations:

Bedrock was only observed along shore. Heavy overburden covers the remainder of claims to the west. Quartz veins were found along shore on and near apex of anticline imbedded in small belts of Argillite. Two of these quartz veins were channel sampled and assayed for gold (results were nil). Other quartz veins were observed at low tide and should be assayed. Panning in gravel and sand in area along shore produced visible gold.

The 600 boxes of core found should be moved to the core library. These should be checked to see if any of these boxes are from Albatross Gold Mines holes AGM 4-5-6 which were drilled on these claims (refer to N.S.D.N.R. map M1310-1 Jacques Whitford 1987). If these drill cores are present they should be checked for traces of Argillite carrying high Arsinopyrite, which has been found carrying high value in gold in recent years in other gold districts of Nova Scotia.

Old cut grids done by previous mining companies are becoming overgrown and should be redone before they are lost. The lines run north and south and the base line is in the claim to south also held by Ted MacNaughton.

These claims are going into their second year and should be joined with claims to the south, also owned by Ted MacNaughton which are presently in the second year, to make one claim block and one license.

Bibliography:

Name: Scott Grant,  
P.O. Box 295  
Pictou, Nova Scotia  
BOK 1H0

I have prospected in the Province and held claims since 1970.  
I have been active on a semi-full time basis since 1986.  
I have optioned properties to Companies both in and out of  
the Province.  
I have completed the Department of Natural Resource Prospecting  
Course.

Yours truly,

A handwritten signature in cursive script, appearing to read "Scott Grant", with a long horizontal flourish extending to the right.

**Royal Oak Mines Inc.**  
**Hope Brook Mine**  
**Assay Lab**  
**Analytical Technique--Au**

**Sample Preparation**

- 1) Sample is taken from bag and placed in clean aluminum pan for drying. Muck, chip or drill samples are usually dry in 2-3 hours.
- 2) The entire contents are put through a jaw crusher, followed by a cone crusher to ~ 3-5 mm material.
- 3) The entire contents are then split (halved) several times through a riffle until <250 g of material is contained in the split. This is the maximum grinding capacity for the pulverizers to achieve an 80% -400 mesh grind.
- 4) Remaining sample is then placed in ring pulverizer for 60 seconds, dumped on a rolling cloth and placed in metal top paper bags. The sample is then ready for fire assay.

**Fire Assay**

- 1) 30 g of material is weighed out ( $\pm 0.05$  g) and placed in a 40 g crucible with ~120 g lead flux, and appropriate amounts of flour or nitre -- depending on the rough sulphide content of the sample. Once the sample is stirred, it is then inquarted with ~2 mg of silver.
- 2) When 22 samples have been weighed (the 23rd is a duplicate and the 24th is a blank) 6 rows of 4 crucibles are placed in the fusion oven at 2000 °F for ~45 minutes until the sample is molten and homogeneous.
- 3) The molten sample is then poured into a cone shaped mold until the molten lead (+ precious metals) sinks to the bottom with the impurity-filled slag hardening and cracking at the top of the mold.
- 4) The lead buttons are then removed individually (in order). They should weigh ~28 g. They are then hammered into cubes. This rids the buttons of slag and makes them easier to handle with tongs.
- 5) The lead buttons are then placed in pre-heated (~1750-1800 °F) 6A cupels. When the lead becomes molten the vents are opened so the lead metal can oxidize. Some is expelled through the vent while some is absorbed into the porous cupel.
- 6) After cupellation is complete (~1 minute per gram of lead) the precious metals are left as a tiny bead on the surface of the cupel.



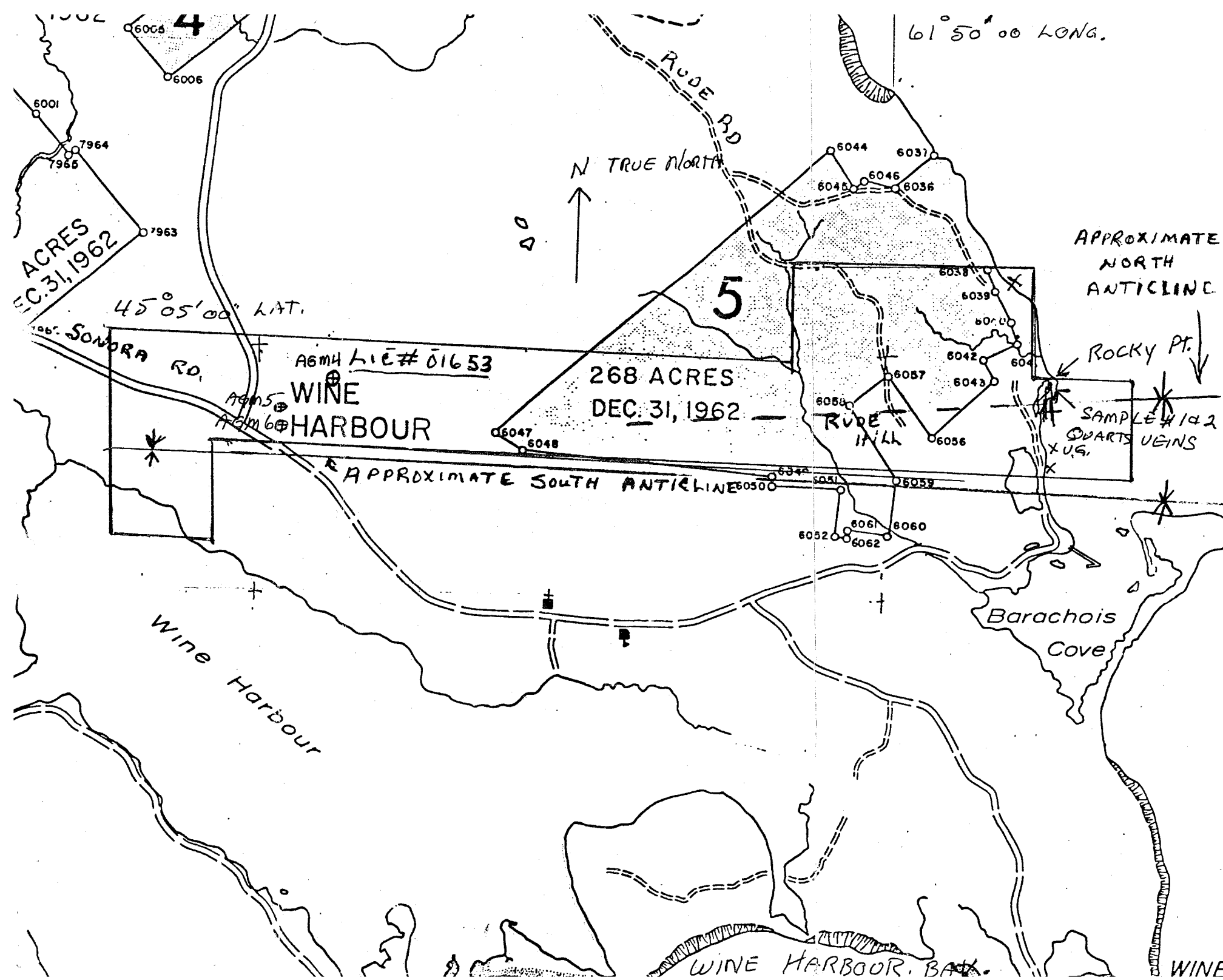
Work:

<u>Name</u>	<u>Date</u>	<u>Work Credit</u>
Scott Grant	Feb 14/95	150.00
Ted MacNaughton		150.00
Ted MacNaughton	Mar 16/95	150.00
Ian Campbell		50.00
Ted MacNaughton	Aug 13/95	150.00
Eileen MacNaughton		50.00
Scott Grant	Dec 7/95	150.00
Ted MacNaughton		150.00
Jerry Mazzerole		360.00
Scott Grant (Library)	Jan 18/96	150.00
Scott Grant (Writing report)	Feb 17/96	<u>150.00</u>
		\$1,660.00
Office supplies and costs:		<u>166.00</u>
		\$1,826.00
		=====



LEGEND

FIGURE I



- N ↑ NORTH
- \* ANTICLINE
- ⊕ DRILL HOLE
- X AREA PANNED
- X U.G. VISIBLE Gold
- WOOD ROAD
- QUARTS VEIN
- + CHANNEL SAMPLE TAKEN

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SCALE 1" = 1584'

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