

**NAVIGATOR**

EXPLORATION CORP.

May 31, 2001

Rita Becker  
Licensing Administrator  
Nunavut Water Board  
P.O. Box 119  
Gjoa Haven, Nunavut  
X0E 1J0

INTERNAL	
PC	<i>[initials]</i>
LA	<i>[initials]</i>
OM	<i>[initials]</i>
TA	<i>[initials]</i>
BS	<i>[initials]</i>
ED	
CEO	
BRD	

Re: NWB Permit NWB2NOW9901

Dear Ms Becker,

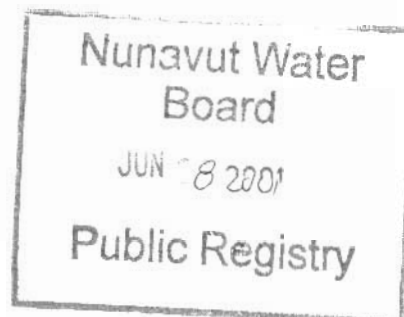
Please find enclosed three copies of a brief report summarizing exploration activities conducted by Navigator Exploration Corporation in the Nowyak Lake area of the Kivalliq Region. This work was conducted under the authority of the above noted NWB permit, which expired March 1, 2001.

I apologize for the late submittal of this report. The person who managed the exploration program for Navigator is no longer with the company so I have done my best to summarize the exploration activities. If the Water Board requires more information, please let me know and I will do my best to provide it.

Yours truly,

Ken Armstrong  
Navigator Exploration Corp.

Attach...      Final Land Use Report (3 copies)



**Navigator Exploration Corporation  
NL Claims, Nowyak Lake Area, Kivalliq Region, NU**

**Final Land Use Report**

NWB Permit No. NWB2NOW9901

DIAND Land Use Permit N1999C0005

Summary

During the spring and summer of 1999 and spring 2000, Navigator Exploration Corp. conducted exploration activities on mineral claims located in the Nowyak Lake area, approximately 225km west of the Hamlet of Arviat in the Kivalliq Region of Nunavut. Exploration activities included diamond drilling 12 holes on two targets, ground geophysical surveys over three grids as well as limited general prospecting of the entire property. The bulk of the exploration work was conducted on the Bonanza and Century gold showings and is outlined in more detail below.

Both of the above listed land use permits have expired. This report is to serve as a Final Report for the purposes of outlining the land use activities authorized under the permits. An application for storage is to be submitted to DIAND to cover the camp materials remaining at site.

Camp on Nowyak Lake

A temporary exploration camp was set up on the north end of Nowyak Lake at approximately 61° 55' N / 98° 26' W. The camp was constructed in April 1999, and occupied in April-June, 1999, July-August 1999, October, 1999, and April 2000. The 12 person camp consisted of 6 tents (3 sleep tents, 1 kitchen, 1 office, and 1 dry).

At present the following items remain at the site:

- Six 14' x 16' tents, including wood floors frames as well as coverings
- One diesel Generator
- 10 empty 100lb propane cylinders
- approximately 10 full to partial 205l drums of heating fuel for tents
- approximately 10 empty 205l fuel drums
- drill core from twelve diamond drill holes, labeled (see below)
- other assorted camp gear (i.e. kitchen utensils, core logging equipment etc.) stored securely in the tents

An application for storage is to be submitted to DIAND to cover the remaining camp materials so that they may be stored at the Nowyak site over the near term.

1999 Exploration

Exploration in the Nowyak area focussed on four main showings: Bonanza, Esso, Bully and Century. Three ground grids were constructed to cover these showings. The Esso grid (6.3 line kilometres) covered the Esso showing, the Komatik grid (~40.0 line kilometres) covered the Bonanza showing area, and the Northern grid (~29.6 line kilometres) covered the Bully and Century showings. Work conducted over the grids included mapping and soil geochemical surveys as well as magnetic, electromagnetic and induced polarization geophysical surveys. Also nine drill holes (623 total metres drilled) on the Komatik grid tested the Bonanza showing area. All of the drilling was land based. Following is a list of each of the exploration drill holes that tested the Bonanza gold showing during the 1999 field season:

Drill Hole	Northing	Easting	Date Started	Date Completed
NL-99-1	0+60 N	0+48 E	April 10/99	April 12/99
NL-99-2	0+60 N	0+63 E	April 12/99	April 13/99
NL-99-3	0+60 N	0+00 E	July 1/99	July 2/99
NL-99-4	0+20 N	0+20 W	July 2/99	July 3/99
NL-99-5	0+80 N	0+10 E	July 3/99	July 4/99
NL-99-6	1+20 N	0+20 E	July 4/99	July 5/99
NL-99-7	7+20 N	4+60 W	July 5/99	July 6/99
NL-99-8	4+20 N	5+20 W	July 6/99	July 7/99
NL-99-9	0+80 N	0+20 W	July 7/99	July 8/99

All drill core was logged at the Nowyak Lake camp, where it is currently stored.

#### 2000 Exploration

The 2000 exploration program consisted of drilling three short exploration drill holes (177 total metres) testing the Century showing on the Northern grid. All of the drilling was land based. Following is a list of each of the exploration boreholes drilled during the 2000 field season:

Drill Hole	Northing	Easting	Date Started	Date Completed
NL-00-1	Grid 21+60 N	Grid 1+70 W	April 22/00	April 24/00
NL-00-2	Grid 21+26 N	Grid 2+08 W	April 24/00	April 25/00
NL-00-3	Grid 21+66 N	Grid 1+08 W	April 25/00	April 26/00

All drill core was logged at the Nowyak Lake camp, where it is currently stored.

#### Future Plans

Initial prospecting indicated the potential for significant gold and silver mineralisation in the Nowyak area. However drilling results to date have been disappointing and the project is currently being reviewed in the context of other exploration priorities. Most of the camp materials remain at site and a storage permit is to be applied for so they may remain there for the near term. This will save the costs associated with remobilizing a full exploration camp making near term further exploration a more likely possibility.

Attached Figures:

Nowyak Project Area (1:20,000)  
Sketch of camp site (1:500)



# LEGEND

## Archean (A)/Proterozoic (P)

### Late- to Post-tectonic Plutonic Rocks

Yellow Granite: massive to schistose, medium-grained monzogranite, up to 75% replaced by pyrite.  
Yellow Granite: massive to schistose, medium-grained monzogranite, up to 75% replaced by pyrite.  
(ca. 2.89 Ga, Davis, unpublished data)

### Hangingwall, Lower Tectonostratigraphic Assemblage

Mafic Volcanic Rocks: Greenish to amphibolite facies, massive and pillowed mafic volcanic flows. Rocks are moderately to strongly foliated and pillows typically have aspect ratios of > 3:1 on the horizontal surface. Minor felsic rocks interbedded with mafic flows. Above the hornblende megacryst, assemblages include hornblende + plagioclase + garnet, hornblende + plagioclase + actinolite. Retrograde chlorite is common.

Felsic Volcanic Rocks: Fine-grained, massive to bedded tuff or epiclastic sediments, locally contains up to 15% quartz. Bedded felsic tuffs or volcaniclastic sandstones are locally associated with bedded iron formation. (ca. 2.89 Ga, Davis, unpublished data)

Camecknick Itanawa Suite: medium-grained, weathy to moderately foliated biotite tonalite to granodiorite, locally cross cut by massive to weakly foliated hornblende gabbro to quartz diorite, also contains massive, cherty weathering, trugabbroic anorthosite with an unknown relationship to tonalite and gabbroic phases. (ca. 2.89 Ga, Davis, unpublished data)



NL3  
F66223

CENTURY  
SHOWING  
(2000 Drill  
Program)

BULLY  
SHOWING

NORTHERN  
GRID

NL1  
F50710

BONANZA  
SHOWING  
(1999 Drill  
Program)

KOMATIK  
GRID

NL2  
F50709

ESSO  
GRID

NL4  
F66224

ESSO  
SHOWING

Nowyak Lake Project  
Grids and Showings

Date: May 2001

Author: JP

Drawing: NW005

Scale: 1:20000



**NAVIGATOR**  
EXPLORATION CORP.

0 200 400 600 800  
meters

Projection: UTM (NAD27 for Canada) Zone 15



NAVIGATOR EXPLORATION CORP.  
NOWYAK LAKE PROJECT  
CAMP LOCATION

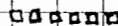


98° 25'  
+ 61° 55'

FUEL DRUM STORAGE



GARBAGE PIT



SLEEPING TENTS (3)

KITCHEN TENT

DRY  
OFFICE

KOMATIC  
LAKE

NOWYAK LAKE

0 100m

1cm = 50m