

083735

**GEOCHEMICAL
ASSESSMENT REPORT**

on the

BENACHEE RESOURCES INC/ SNOWPIPE RESOURCES LTD

ROZ PROPERTY

March 18, 1995- March 17, 1996

**HOOD RIVER AREA
NTS 76L/11, /12, /13, /14 86I/9, /16**

**66° 45' N, 111° 45' W
DISTRICT OF MACKENZIE,
NORTHWEST TERRITORIES**

by

Barry Edward Jones B.Sc., M.Sc.

CANAMERA GEOLOGICAL LTD.

650- 220 Cambie Street
Vancouver, B.C.

October 8, 1996
Volume 1 of 1

DEPARTMENT OF INDIAN AND
NORTHERN AFFAIRS
OCT 11 1996
MINING RECORDER
YELLOWKNIFE, N.W.T.

THIS REPORT HAS BEEN EXAMINED AND
APPROVED AS TO TECHNICAL WORTH UNDER
SECTIONS 6 & 7 OF SCHEDULE II OF THE
CANADA MINING REGULATIONS AND
VALUED IN THE AMOUNT OF \$ 112,500.00

ENGINEER OF MINES FOR
CHIEF, NORTH, NON-RENEW
RESOURCES BRANCH

DATE: Jan. 13/97

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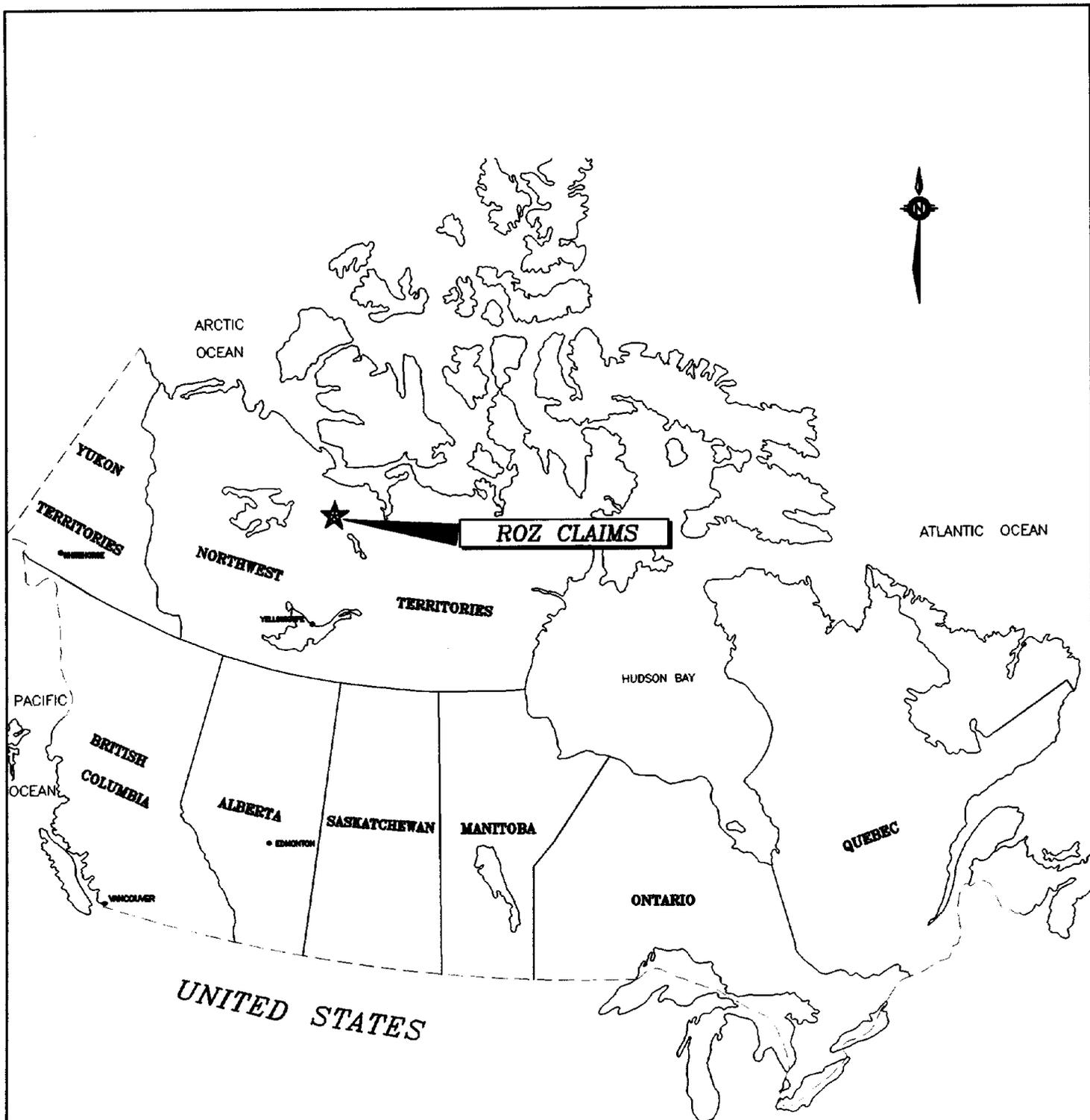
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SUMMARY

The ROZ, property is located within the northern portion of the Slave Structural Province, Northwest Territories, approximately 500 km north of Yellowknife. The property consists of 113 mineral claims, encompasses approximately 275,483.9 acres and has been the focus of diamond exploration since early 1993. During the period March 18, 1993 to March 17, 1995, The area enclosing the ROZ claims was covered by an airborne geophysics (mag, EM) survey, and 624 glacial till samples were collected and processed (1993 - 1995 Assessment Report on the RBYM Property, DIAND #083492)). This report present the results of an additional 100 samples taken and processed during the period March 18, 1995 to March 17, 1996.

The results of the 1993 - 1995 resulted in the identification of three partially defined kimberlitic mineral indicator trains on the ROZ property. The 1995 - 1996 sampling was designed to fill in gaps in the earlier sampling, and to follow up the 1993 - 1995 results.



BENACHEE RESOURCES INC.		
SNOWPIPE RESOURCES LTD.		
ROZ CLAIMS LOCATION MAP		
SCALE:	DATE: SEPT. 1996	FIGURE NO.1
APPROVED BY: B.JONES	FILE : ROZ-FIG1.DWG	
CANAMERA GEOLOGICAL LTD		

TO ACCOMPANY 1996 ROZ PROPERTY ASSESSMENT REPORT BY B.JONES

INTRODUCTION

The Slave Structural Province of the Northwest Territories is an Archean segment of the North American Craton. It is underlain by metasedimentary and metavolcanic rocks of the Yellowknife Supergroup and by Archean granites and gneisses. The discovery of diamonds in the Lac de Gras region through the geochemical tracking of kimberlitic indicator minerals provided the impetus for a rush of exploration activity. Many junior companies staked out large land positions and carried out detailed geochemical and geophysical exploration programs. New Indigo Resources Inc and Snowpipe Resources staked out a large land position north of latitude 66° N to Coronation Gulf, encompassing approximately 9 million acres. The ROZ property is part of this land holding (Figures 1, 2).

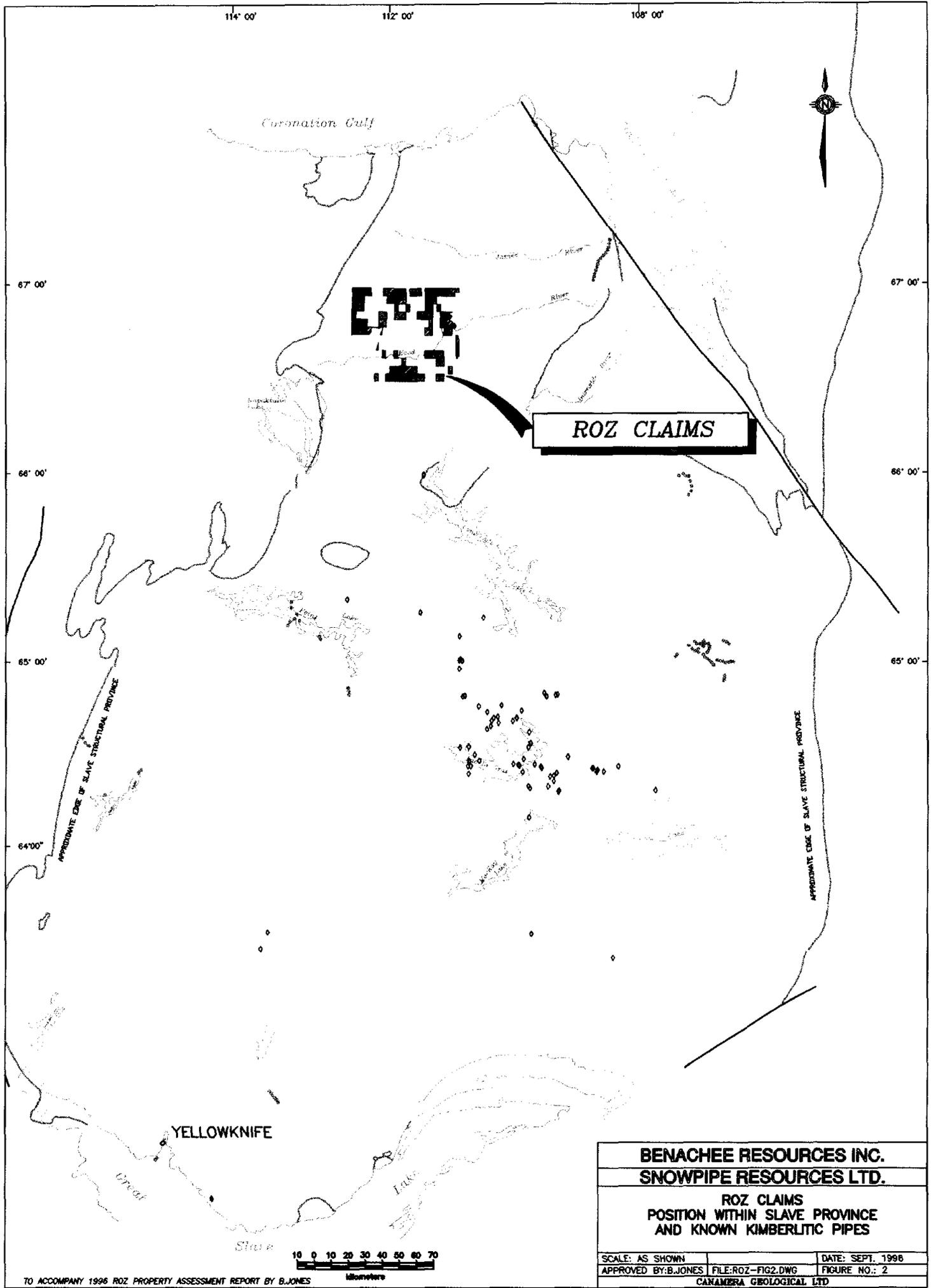
LOCATION AND ACCESS

The ROZ property is located in the Mackenzie District of the Northwest Territories (Figure 1), approximately 500 km north of Yellowknife. The ROZ claims are centred at latitude 66° 45' North; longitude 141° 15' West, and may be located on NTS Sheets 76L/11, /12, /13, /14; 86I/9, /16. Access to the property is currently restricted to air transport only. In the winter, the area is accessible by ski-equipped aircraft, while in the summer, lakes suitable for landing float-equipped aircraft are available nearby. Larger aircraft can land on the 6,000 foot gravel runway at Echo Bay's Lupin Mine approximately 100 kilometres to the south.

During the months of January to March, a winter ice road extends from Yellowknife to the Lupin minesite and passes within 100 km of the property's southern boundary. The winter road is also operated by Echo Bay Mines Ltd.

TOPOGRAPHY AND CLIMATE

The property is located within the treeless tundra of the Barrenlands. The topography is characterized by rolling, rocky ridges separated by low-lying muskeg and numerous shallow lakes. The Hood River crosses from west to east through the southern half of the property. The local relief varies between 250 and 500 metres above sea level. Climatic conditions in the Barrenlands are extreme. Winter temperatures range down to -45 degrees Celsius, while high winds create extreme wind chill factors. Average annual snowfall approaches



**BENACHEE RESOURCES INC.
SNOWPIPE RESOURCES LTD.**

**ROZ CLAIMS
POSITION WITHIN SLAVE PROVINCE
AND KNOWN KIMBERLITIC PIPES**

SCALE: AS SHOWN	FILE:ROZ-FIG2.DWG	DATE: SEPT. 1998
APPROVED BY: B.JONES	FIGURE NO.: 2	CANAMERA GEOLOGICAL LTD

GEOLOGY OF THE SLAVE STRUCTURAL PROVINCE

A tectonically oriented geological map of the Slave craton drafted in AutoCAD

LITHOLOGIES

PROTEROZOIC-PALEOZOIC

cover rocks

ARCHEAN (supracrustal rocks are metamorphosed)

Younger Assemblage

polymict conglomerate, felspathic arenite
granitoid rocks

Yellowknife Assemblage

migmatite and gneiss (may include older rocks)

supracrustal rocks identified

plutonic and undifferentiated rocks

metagreywacke-mudstone; minor conglomerate (c),
calc-arenite, carbonate, and iron formation

intermediate-felsic volcanic rocks

mafic-intermediate and undifferentiated volcanic
rocks

gabbro-diorite and gneissic granitoid rocks,
partly syenitic

Older Assemblage

quartz arenite and felsic volcanic rocks, zircons
older than 2.8 Ga; commonly associated with iron-
formation and ultramafic rocks

gneiss and granite, partly with zircon ages >2.8 Ga;
includes undifferentiated younger rocks

Boundary of Slave Structural Province

Geological contacts approximate, granational

Structural trends

folds

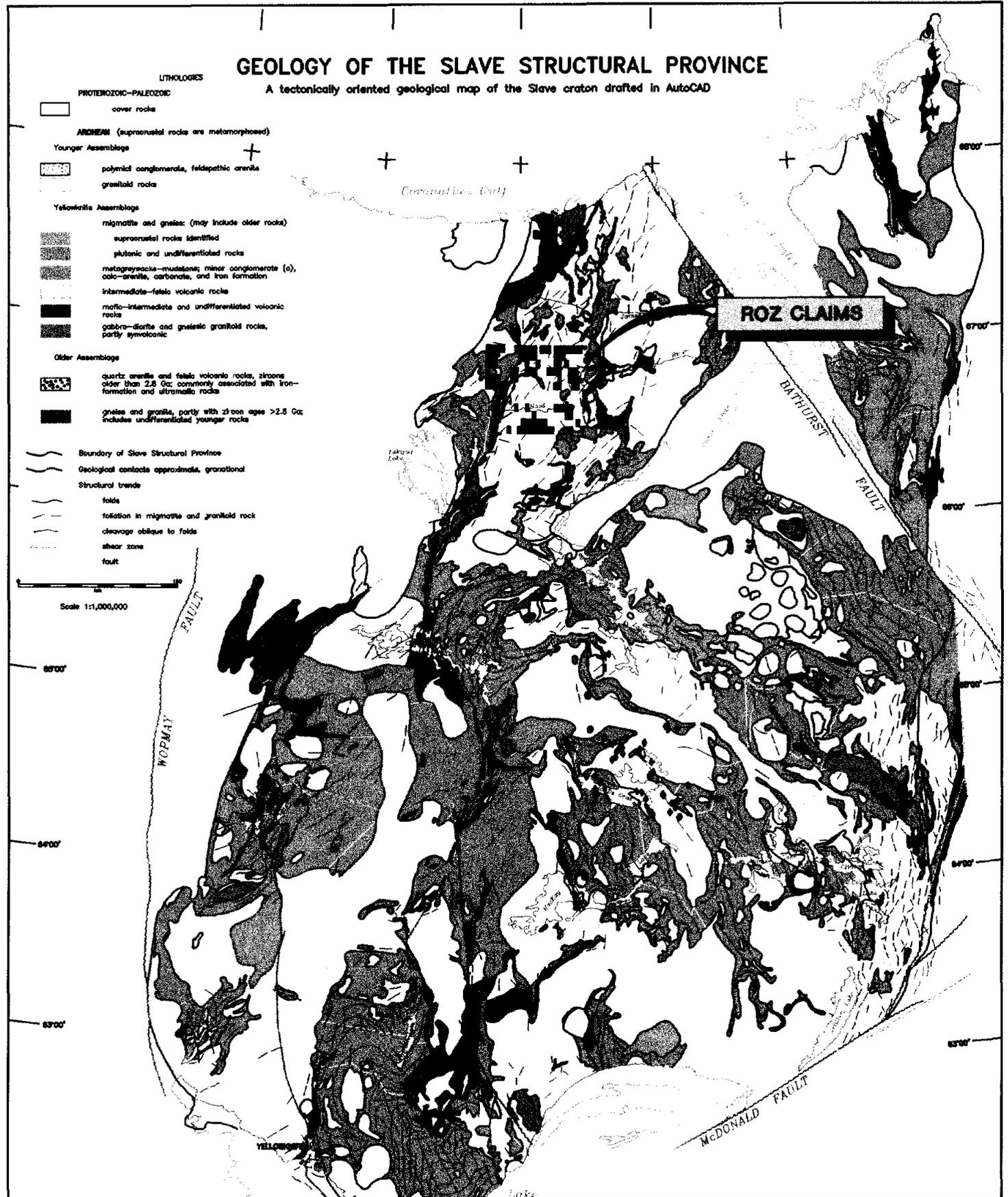
foliation in migmatite and granitoid rock

cleavage oblique to folds

shear zone

fault

Scale 1:1,000,000



BENACHEE REOURCES INC.
SNOWPIPE RESOURCES LTD.

ROZ CLAIMS

REGIONAL GEOLOGY

MODIFIED FROM FYSON & PADGHAM 1993-8

SCALE: AS SHOWN

NTS:

DATE: SEPT.1996

APPROVED BY: B.JONES

FILE: FYSONX.DWG

FIGURE: 3

CANAMERA GEOLOGICAL LIMITED

Archean rocks in the region comprise three major lithologic components (Relf, 1992). The Anton terrane is structurally overlain by supracrustal rocks of the Yellowknife Supergroup, which underlie an arcuate area through the central portion of the region. Approximately two-thirds of the area is underlain by granitic rocks that were emplaced during two separate magmatic events.

Volcanic belts, sedimentary domains, and structures form irregular patterns that reflect deformation of rocks of contrasting rheology (Figure 3). Contrasts at margins of basement rocks kilometres across may have controlled orientation of structures in cover rocks. Additionally, syndeformational metamorphism to greenschist and amphibolite grades and accompanying intrusion of granite plutons altered physical properties thereby affecting the character and orientation of structures (Padgham and Fyson, 1992). The domainal aspect of structural trends is illustrated by the alignment of volcanic belts or belt segments, most of which are steep homoclines and by the alignment of pluton margins. Lineaments formed by the volcanic belts and granite margins change in trend from predominantly northwestward in the east to between north-northwest and northeast north of latitude 66° N. Sharp contrasts in trend are displayed in the southwestern part of the province: volcanic belts and intrusion margins trending approximately northwest, northeast, and north are juxtaposed and outline an angular pattern. This angular pattern of volcanic belts suggests control of volcanism and structure by an underlying system of crustal-scale fractures (Padgham and Fyson, 1992).

Pleistocene Geology

Reconnaissance mapping of surficial deposits and ice direction indicators was carried out over the property in 1993 - 1995. M.J. Millard of Saskatchewan Research Council was commissioned to provide reconnaissance airphoto interpretation and field investigation of surficial geology over the area of the ROZ property (1993 - 1995 Assessment Report - RBYM Property).

Till is the most extensive surficial sediment. Two genetically different types of till deposits have been recognized: basal (subglacial) till and ablation (englacial) till. Subglacial till is deposited primarily from active ice and generally contains more local material than does englacial till. Thus, it is regarded as the best sample medium when conducting drift prospecting programs. Englacial till, deposited during ablation processes by stagnant ice, is often associated with other ice disintegration features such as esker systems.

In the region of the ROZ claims, the principal direction of ice travel affecting media to be sampled for kimberlitic indicator minerals was determined to be southeast to northwest.

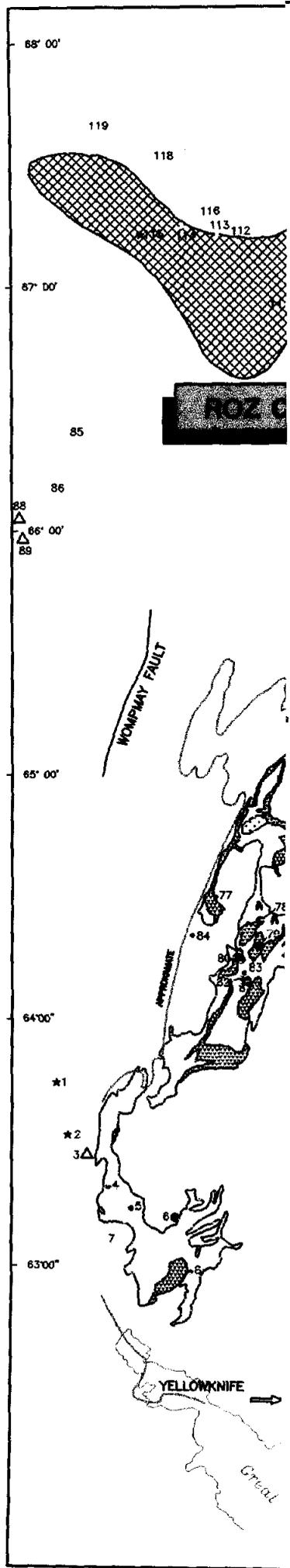
Economic Geology

The Slave Province displays zonations that distinguish it from the other Archean cratons. Based upon the distribution of gold deposits and showings, the Slave Province can be divided into five zones, four trending northeasterly across the province (Padgham and Fyson, 1992). The ROZ property falls within Zone 4 which is characterized by gold occurrences hosted by quartz veins within intrusions.

The ULU occurrence is located to the east of the ROZ claim group, and is host to precious metal vein mineralization. Polymetallic quartz veins consist of pyrite, pyrrhotite and minor sphalerite and arsenopyrite as well as quartz veins with acicular argenopyrite. Both occur within archean volcanics. The best values to date are: 54.94 g/t Au over 0.95 metres which included visible gold within pyrite-filled fractures. This intersection occurs at the sediment / volcanic contact.

The Pistol Lake occurrence is hosted within BIF associated with quartz-biotite-schists of the Yellowknife Supergroup sediments. The sulphide iron formation contains greater than 10% sulphides which are usually concentrated near the contacts of crosscutting qtz veins. Gold mineralization is similar to Lupin with auriferous zones related to arsenopyrite mineralization in qtz veins and in iron formation where crosscutting veins intersect the sulphide horizons.

The only producing mine in the region is Echo Bay Mines Ltd's Lupin mine at Contwoyto Lake approximately 100 km from the southern boundary. The ore body at Lupin comprises a tightly folded, gold-bearing pyrrhotite-grunerite iron formation. Iron formations occur throughout the metaturbidites of the Contwoyto Formation. Many of these iron formations have been the subject of exploration programs, but only Lupin has so far proven economic.



LEGEND

- | | |
|--|--|
| <p>BASE METALS (Cu,Pb,Zn)</p> <ul style="list-style-type: none"> > 10 MT 4 MT - 10 MT < 4 MT <p>PRECIOUS METALS (Au,Ag,Pt)</p> <ul style="list-style-type: none"> > 2,000,000 oz. 200,000 - 2,000,000 oz. < 200,000 oz. <ul style="list-style-type: none"> ★ RARE EARTH DEPOSITS (U,Ba,LL,etc.) ◊ KNOWN KIMBERLITE PIPES | <ul style="list-style-type: none"> ▨ ARCHEAN VOLCANICS ▤ ARCHEAN SEDIMENTS ▩ HIGH URANIUM POTENTIAL ▧ INTRUSIVE ROCKS ▲ PRODUCING MINES △ EX-PRODUCING MINES |
|--|--|

MODIFIED FROM E.G.S. 1994-05 BY P.L.BEALES

**BENACHEE RESOURCES INC.
SNOWPIPE RESOURCES LTD.**

**MINERAL OCCURENCES
IN THE
SLAVE PROVINCE**

SCALE: AS SHOWN	DATE: SEPT. 1996	FIGURE 4
APPROVED BY: B.JONES	FILE: ROZ-FIG4.DWG	

Stratiform massive sulphide zinc-copper-lead-silver mineralization occurs within quartzo-feldspathic gneisses at Izok lake, to the southwest. The deposit is hosted by highly metamorphosed mafic to felsic volcanic rocks of the Point Lake Formation (Northwest Territories Exploration Overview, 1992). The Izok Lake deposit is currently held by Metall Mining Inc. .

The Slave Province has only recently been recognized as a favourable environment for the emplacement of kimberlite pipes. Many diamond exploration programs are currently being undertaken in the area, such as the BHP-Dia Met joint venture in the Lac de Gras-Exeter Lake area.

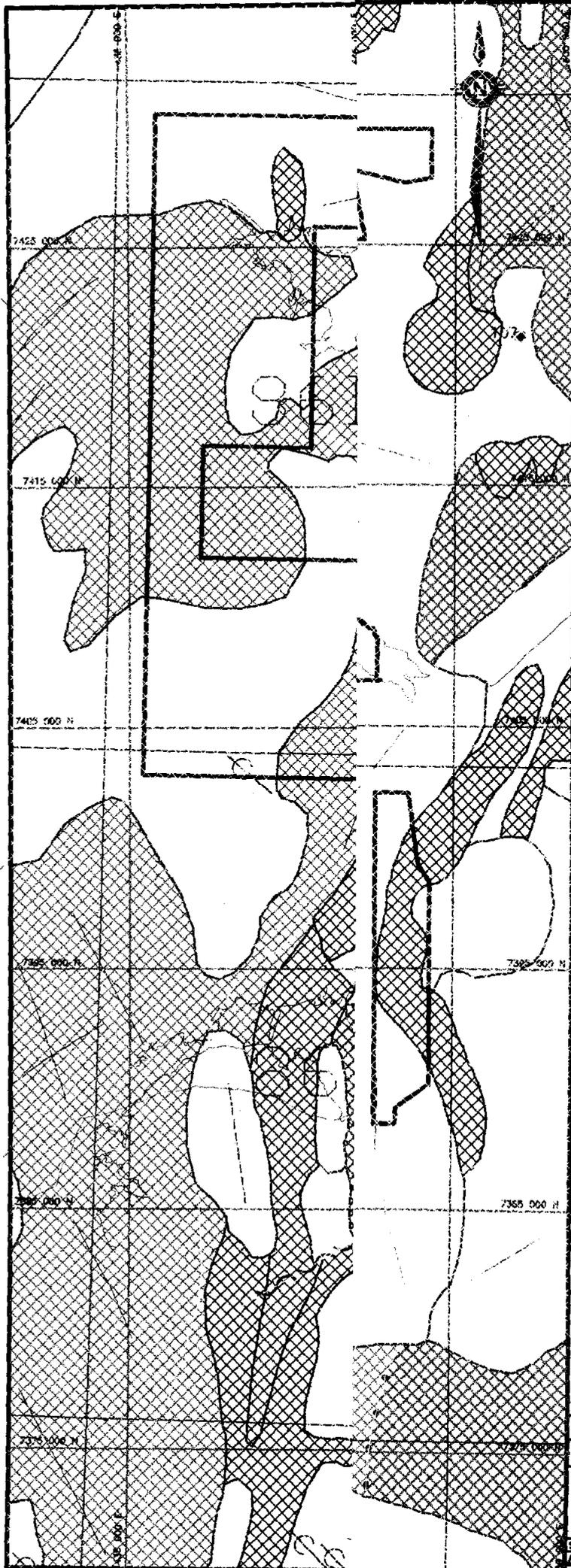
PROPERTY GEOLOGY

No property scale geological mapping was carried out on the ROZ property during the period of the current exploration program. An overview of litho-stratigraphic units for the property, gleaned from regional geological compilations is presented in Figure 1.

The claims are underlain entirely by Archean age rocks of the Slave Structural Province. The claims area is characterized by thin belts of Pre-Yellowknife Supergroup gneisses, and Yellowknife Supergroup mafic volcanic rocks and metasedimentary gneisses, engulfed in a sea of younger granitoid intrusive rocks.

PREVIOUS EXPLORATION

Prior to early 1993, no previous exploration for diamonds or diamond indicator minerals is known on the property. Over the period 1993 - 1995, Benachee Resources Ltd. and Snowpipe Resources Inc. carried out regional airborne geophysical surveys (mag, EM) and reconnaissance till sampling over the region containing the ROZ claims. The 1993 - 1995 sampling returned twenty seven anomalous samples, most of which (15 samples) were from scattered, isolated sites. The remaining samples were interpreted to represent two or three weakly defined trains (1993 - 1995 Assessment Report for the RBYM Property, DIAND # 083429). It was recognized that a number of inadequately sampled areas remained on the MIT claims, and additional sampling was recommended.



LEGEND

LITHOLOGIES

PROTEROZOIC-PALEOZOIC

cover rocks

ARCHAIC (supracrustal rocks are metamorphosed)

Younger Assemblage

polymict conglomerate, feldspathic arenite
granitoid rocks

Yellowknife Assemblage

migmatite and gneiss (may include older rocks)
supracrustal rocks identified
plutonic and undifferentiated rocks
metagreywacke-mudstone; minor conglomerate (a), calc-arenite, carbonate, and iron formation
intermediate-felsic volcanic rocks
mafic-intermediate and undifferentiated volcanic rocks
gabbro-diorite and gneissic granitoid rocks, partly syenitic

Older Assemblage

quartz arenite and felsic volcanic rocks, zircon older than 2.8 Ga; commonly associated with iron-formation and ultramafic rocks
gneiss and granite, partly with zircon ages >2.8 Ga; includes undifferentiated younger rocks

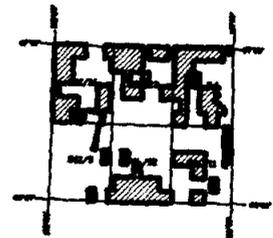
Boundary of Slave Structural Province
Geological contacts approximate, gradational
Structural trends
folds
foliation in migmatite and granitoid rock
cleavage oblique to folds
shear zone
fault
kimberlite pipe

107 Ulu / Crown Deposits

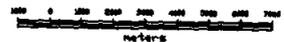
PROPERTY BOUNDARY

Modified from Fyson & Padgham 1993-08

083735



BASMAP CREATED USING NORTH AMERICAN DATUM (NAD) 1987. SAMPLE LOCATIONS PLOTTED FROM INDIVIDUAL GPS READINGS & TOPOGRAPHIC FEATURES.



BENACHEE RESOURCES INC.
SNOWPIPE RESOURCES LTD.

ROZ CLAIMS
PROPERTY GEOLOGY
WITH MINERAL OCCURRENCES

SCALE: [N82W/111.131(45W/16)] DATE: SEPT. 1999
APPROVED BY: JONES [P. 1] 802-796-0192 [PAGE NO. 8]
COURTESY: GEMCOM/ENR 100

CURRENT EXPLORATION (1995-1996)

Geochemistry

Overview

The focus of initial ground exploration efforts (1993 - 1995) on the ROZ property was reconnaissance level till sampling to quickly discover widespread glacially transported indicator mineral trains derived from kimberlitic pipes with a minimal number of samples. This work led to the discovery of indicator minerals in a number of samples, and indicated the presence of two or three indicator mineral trains (1993 - 1995 Assessment Report on RBYM Property). It was also recognized that there were a number of significant gaps in the sampling. During the 1995 - 1996 season, total of 113 additional samples were collected and processed.

Introduction

All samples on the ROZ property were collected by Canamera Geological Ltd. Samples were processed for kimberlitic indicator minerals such as pyrope, eclogitic garnet, chrome diopside, picro-ilmenite, chromite, and olivine in Canamera's North Vancouver lab facilities. Sampling crews were mobilized from Yellowknife via fixed wing Twin Otter aircraft. Helicopter support was Bell Jet Ranger 206 B and A-Star. Fuel and supplies were transported daily from Yellowknife and samples back-hauled.

Field Collection

Each sampler is dropped off by helicopter at the beginning of each traverse. Sample sites are located approximately 1 km apart so the sampler traverses between each sample site. Each sample site is located close to water since most of the known kimberlite pipes are located in lakes and the screening/washing process (summer) requires water. The target material for sampling is preferably frost-boils. Here the glacial till has been reworked by fluid movement to produce a site more concentrated in sand-sized particles from the underlying till layer. Frost boils are quite frequent and easy to locate in the field. The next best sampling material is glacial till.

Once a site has been located, sample material is passed through a 6 or 10 mesh wire screen (3.36 to 1.70 mm) into a collection basin. The oversize is examined for kimberlite fragments, and if none are found this material is discarded. The material collected in the basin is submerged in water and agitated to liberate the majority of the fine clay and silt particles, which are then decanted off to leave only granular particles. This screening and washing process is continued until approximately 15 kg of screened and washed material has been collected. This material is transferred to a labeled 15 litre plastic bucket with sealable lids for transport.

Sample Processing

Till samples collected from the ROZ property were processed in the Canamera Geological Ltd. lab facilities located in North Vancouver. Gravity concentration methods and procedures were used in initial stages of mineral processing.

Winter samples are subjected to a prescreening and washing stage to remove the oversize and the clay/silt fraction. All other aspects of processing are identical between winter and summer samples.

Producing a heavy mineral concentrate

Stage 1: Screening of sample material into 4 size fractions using a vibratory Sweco unit.

Size categories are: 1) 10 mesh - 1.7 mm
2) 20 mesh - 0.85 mm
3) 40 mesh - 0.425 mm
4) 60 mesh - 0.250 mm

Stage 2: Simple gravity separation of the -20 to +40 fraction using Wilfley tables to produce two products: low density material and high density material. Only the high density product is processed further.

Stage 3: Heavy density product is magnetically separated at two settings to produce three distinct products; an ilmenite rich magnetic concentrate and a garnet-chrome diopside rich concentrate. The remaining material is the non-magnetic fraction.

Stage 4: Both the ilmenite and garnet-chrome diopside concentrates are further refined using a Magstream dense magnetic media separation.

Stage 5: Trained mineral sorters examine each final concentrate for kimberlitic pyrope garnet, chrome diopside, eclogitic garnet, ilmenite, chromite and olivine grains using binocular microscopes. Questionable grains are examined by the senior mineralogist and / or sent out for microprobe analysis.

At each stage of screening, separation, and concentration a record of weights is maintained for all fractions. All sample splits are repackaged separately and kept in archives.

Results and Interpretation

Initial reconnaissance sampling and the airborne geophysical survey (1993 - 1995 Assessment Report - RBYM Property) provided both geochemical and geophysical anomalies for follow-up on the ROZ property. The 1993 - 1995 till sampling discovered three poorly defined glacial dispersion trains containing kimberlitic indicator minerals. These mineral trains trend in a northwest direction parallel to the paleo-ice movement. All of these appear to originate south of the property. Interpretation of sampling results over much of the property is hampered due to poor sampling media such as fluvial outwash, eskers, and kame morphology. The additional 100 samples collected in 1995 - 1996 returned only two single grain anomalies, and did not change this interpretation.

CONCLUSIONS AND RECOMMENDATIONS

Despite the poor sampling results to date, the ROZ property is considered to possess promising kimberlite potential, based on its locality. Indicator mineral trains have been identified along the eastern claim boundary (in the Nunavut Concession), along the southwestern claim boundary (JAQ Claims), and to the west and northwest (OK Claims). Continuation of the reconnaissance till sampling is recommended.

Report by


Barry Edward Jones B.Sc., M.Sc.

October 8, 1996

APPENDIX 1

STATEMENT OF COSTS

ROZ PROPERTY
EXPLORATION EXPENDITURES
FOR PERIOD: March 18, 1995 - March 17, 1996

<u>SAMPLE COLLECTION</u>	<u>TOTAL</u>
<u>PROJECT PREPARATION</u>	\$1,809
<u>PERSONNEL</u>	
Camp Geologist, Assistant, Cook and 8 samplers (11 man camps)	\$8,574
<u>CAMP BUILDING AND MOBILIZATION</u>	\$3,918
<u>DEMOBILIZATION AND CLEANUP</u>	\$1,098
<u>FIELD SUPPLIES</u>	\$1,055
<u>PERSONNEL BOARD</u>	\$1,672
<u>PERSONNEL ROOM</u>	\$3,135
<u>COMMUNICATIONS</u>	\$343
<u>SAMPLING EQUIP. RENTAL</u>	\$1,672
<u>SAMPLING SUPPLIES</u>	\$448
Fuel Caching	\$860
Twin Otter	\$12,894
Helicopter (DRY)	\$30,491
<u>FUEL CONSUMPTION</u>	
HELICOPTER Fuel	
Jet B	\$5,023
CAMP Fuel	
p-50 stove	\$855
p-40 diesel	\$163
CAMP Fuel	
Propane	\$378
<u>SAFETY EQUIPMENT</u>	\$597
<u>SAMPLE SHIPPING</u>	\$5,016
 <u>TOTAL FIELD COLLECTION EXPENDITURES</u>	 <u><u>\$80,000</u></u>

SAMPLE PROCESSING EXPENDITURES

100 samples @ \$300/ sample
(including screening, tabling, magnetic separation,
Magstream, and mineral sorting) **\$30,000**

TOTAL SAMPLE COLLECTION AND PROCESSING COSTS

Samples collected 100
Average cost per sample \$1,100 **\$30,000**

REPORT PREPARATION **\$2,500**

TOTAL EXPLORATION EXPENDITURES **\$112,500**

APPENDIX 2

APPLICATION OF EXPENDITURES

APPLICATION OF EXPENDITURES

EXPENDITURES

Total Exploration Expenditures for the ROZ Claims = \$ 112,500.00

(Appendix 1)

Consisting of:

Detailed till sampling collection

Sample processing

ACREAGE

Total ROZ acreage to be retained = 64,562.50 acres

(ROZ 9, 11, 12, 28, 44, 47, 48, 118, 119, 120, 123, 124, 232, 245, 246, 251, 256,
257, 263, 266, 267, 288)

(Appendix 3)

APPLIED WORK

25 claims; totaling 64,562.50 acres

1years of work credit @ \$2/acre/year

using applied new work of \$112,500.00

SHORTFALL

\$ 16,625.00

APPENDIX 3

**CLAIM DATA
(Form 9 Attachment)**



ROZ PROPERTY - FORM 9 ATTACHMENT

10-Oct-96

CLAIM NUMBER	CLAIM NAME	OWNER(S)	NTS SHEET(S)	AREA (ACRES)	NEW WORK	EXISTING EXCESS USED:	NEW EXCESS CREDIT	YEARS APPLIED	RECORDED	NEW ANNIVERSARY
F40549	ROZ 9	BENACHEE RESOURCES INC. / SNOWPIPE RESOURCES LTD.	086-I-16 / - / - / -	2582.5	4,500.00	0.00	0.00	0	7/30/1993	7/30/1996
F40551	ROZ 11	BENACHEE RESOURCES INC. / SNOWPIPE RESOURCES LTD.	086-I-16 / - / - / -	2582.5	4,500.00	0.00	0.00	0	7/30/1993	7/30/1996
F40552	ROZ 12	BENACHEE RESOURCES INC. / SNOWPIPE RESOURCES LTD.	086-I-16 / - / - / -	2582.5	4,500.00	0.00	0.00	0	7/30/1993	7/30/1996
F40568	ROZ 28	BENACHEE RESOURCES INC. / SNOWPIPE RESOURCES LTD.	086-I-16 / - / - / -	2582.5	4,500.00	0.00	0.00	0	7/30/1993	7/30/1996
Z01054	ROZ 44	SNOWPIPE RESOURCES LTD. / BENACHEE RESOURCES INC.	086-I-16 / - / - / -	2582.5	4,500.00	0.00	0.00	0	3/17/1993	3/17/1996
Z01057	ROZ 47	SNOWPIPE RESOURCES LTD. / BENACHEE RESOURCES INC.	086-I-09 / 086-I-16 /	2582.5	4,500.00	0.00	0.00	0	3/17/1993	3/17/1996
Z01058	ROZ 48	SNOWPIPE RESOURCES LTD. / BENACHEE RESOURCES INC.	086-I-09 / 086-I-16 /	2582.5	4,500.00	0.00	0.00	0	3/17/1993	3/17/1996
Z01128	ROZ 118	SNOWPIPE RESOURCES LTD. / BENACHEE RESOURCES INC.	076-L-05 / 076-L-12	2582.5	4,500.00	0.00	0.00	0	3/22/1993	3/22/1996
Z01129	ROZ 119	SNOWPIPE RESOURCES LTD. / BENACHEE RESOURCES INC.	076-L-05 / 076-L-12	2582.5	4,500.00	0.00	0.00	0	3/22/1993	3/22/1996
Z01130	ROZ 120	SNOWPIPE RESOURCES LTD. / BENACHEE RESOURCES INC.	076-L-05 / 076-L-12	2582.5	4,500.00	0.00	0.00	0	3/22/1993	3/22/1996
Z01133	ROZ 123	SNOWPIPE RESOURCES LTD. / BENACHEE RESOURCES INC.	076-L-12 / - / - / -	2582.5	4,500.00	0.00	0.00	0	3/22/1993	3/22/1996
Z01134	ROZ 124	SNOWPIPE RESOURCES LTD. / BENACHEE RESOURCES INC.	076-L-12 / - / - / -	2582.5	4,500.00	0.00	0.00	0	3/22/1993	3/22/1996
Z01210	ROZ 200	SNOWPIPE RESOURCES LTD. / BENACHEE RESOURCES INC.	076-L-13 / - / - / -	2582.5	4,500.00	0.00	0.00	0	3/22/1993	3/22/1996
Z01232	ROZ 222	BENACHEE RESOURCES INC. / SNOWPIPE RESOURCES LTD.	076-L-13 / - / - / -	2582.5	4,500.00	0.00	0.00	0	3/17/1993	3/17/1996
Z01234	ROZ 224	BENACHEE RESOURCES INC. / SNOWPIPE RESOURCES LTD.	076-L-13 / - / - / -	2582.5	4,500.00	0.00	0.00	0	3/17/1993	3/17/1996
Z01242	ROZ 232	BENACHEE RESOURCES INC. / SNOWPIPE RESOURCES LTD.	076-L-14 / - / - / -	2582.5	4,500.00	0.00	0.00	0	3/17/1993	3/17/1996
Z01255	ROZ 245	BENACHEE RESOURCES INC. / SNOWPIPE RESOURCES LTD.	076-L-14 / - / - / -	2582.5	4,500.00	0.00	0.00	0	3/17/1993	3/17/1996
Z01256	ROZ 246	BENACHEE RESOURCES INC. / SNOWPIPE RESOURCES LTD.	076-L-14 / - / - / -	2582.5	4,500.00	0.00	0.00	0	3/17/1993	3/17/1996
Z01261	ROZ 251	BENACHEE RESOURCES INC. / SNOWPIPE RESOURCES LTD.	076-L-14 / - / - / -	2582.5	4,500.00	0.00	0.00	0	3/17/1993	3/17/1996
Z01266	ROZ 256	BENACHEE RESOURCES INC. / SNOWPIPE RESOURCES LTD.	076-L-14 / - / - / -	2582.5	4,500.00	0.00	0.00	0	3/17/1993	3/17/1996
Z01267	ROZ 257	BENACHEE RESOURCES INC. / SNOWPIPE RESOURCES LTD.	076-L-14 / - / - / -	2582.5	4,500.00	0.00	0.00	0	3/17/1993	3/17/1996
Z01273	ROZ 263	BENACHEE RESOURCES INC. / SNOWPIPE RESOURCES LTD.	076-L-14 / - / - / -	2582.5	4,500.00	0.00	0.00	0	3/17/1993	3/17/1996
Z01276	ROZ 266	BENACHEE RESOURCES INC. / SNOWPIPE RESOURCES LTD.	076-L-14 / - / - / -	2582.5	4,500.00	0.00	0.00	0	3/17/1993	3/17/1996
Z01277	ROZ 267	BENACHEE RESOURCES INC. / SNOWPIPE RESOURCES LTD.	076-L-14 / - / - / -	2582.5	4,500.00	0.00	0.00	0	3/17/1993	3/17/1996
Z01298	ROZ 288	BENACHEE RESOURCES INC. / SNOWPIPE RESOURCES LTD.	076-L-11 / - / - / -	2582.5	4,500.00	0.00	0.00	0	3/22/1993	3/22/1996

total # of acres = **64,562.50**

total amount of new work = **\$112,500.00**

total # of claims = **25**

total existing excess credit used = **\$0.00**

total amount of new excess credit = **\$0.00**

APPENDIX 4

GEOCHEMICAL DATA

CANAMERA GEOLOGICAL LTD.

Sample Processing Summary For The ROZ Claims to 3/17/1996

10/7/96

COLLECTION			CONCENTRATION		SORTING									
Sample #:	NTS:	Claim:	Tabling Wt/gm	Conc. Wt/gm	Sort Wt/gm	Result Class	Status:	PY	Indicator Recovery Totals:					
									EG	CD	ILM	CR	QL	
046867	8614	PU 40	5000	340	98	ANOMALOUS	I	0	0	0	0	1	0	
050835	8615	PU 118	5300	1156	130	ANOMALOUS	C	1	0	4	0	0	0	
050837	8615	PU 118	5200	830	69	ANOMALOUS	C	0	0	1	0	0	0	
3 ANOMALOUS Samples														
046866	8614	PU 40	2900	182	60	BARREN	C	0	0	0	0	0	0	
046868	8614	PU 40	5000	570	110	BARREN	I	0	0	0	0	0	0	
046891	8614	PU 40	5000	298	83	BARREN	I	0	0	0	0	0	0	
046892	8614	PU 118	5000	520	128	BARREN	I	0	0	0	0	0	0	
046893	8614	PU 40	5000	462	73	BARREN	I	0	0	0	0	0	0	
046928	8614	PU 53	4400	496	101	BARREN	C	0	0	0	0	0	0	
046951	8614	PU 39	4600	320	87	BARREN	C	0	0	0	0	0	0	
046952	8614	PU 39	5500	930	181	BARREN	C	0	0	0	0	0	0	
046953	8614	PU 39	4600	226	69	BARREN	C	0	0	0	0	0	0	
046954	8614	PU 39	4600	556	105	BARREN	C	0	0	0	0	0	0	
050751	8614	PU 39	4700	322	78	BARREN	C	0	0	0	0	0	0	
050836	8615	PU 118	3800	486	19	BARREN	C	0	0	0	0	0	0	
12 BARREN Samples														

15

Status Legend: I=initial sort, H=half sort, Q=quarter sort, F=final result, C=complete

CANAMERA GEOLOGICAL LTD.

Sample Processing Summary For The ROZ Claims to 7/6/1996

9/30/96

COLLECTION			CONCENTRATION		SORTING							Indicator Recovery Totals:				
Sample #:	NTS:	Claim:	Tabling W/gm:	Conc. W/gm:	Sort W/gm	Result Class:	Status:	PY	EG	CD	ILM	CR	OL			
045633	76L11	ROZ 288	5400	588	33	ANOMALOUS	C	0	0	0	0	1	0			
050413	76L14	ROZ 263	5200	446	49	ANOMALOUS	C	0	0	1	0	0	0			
2 ANOMALOUS Samples																
030263	76E15	ROZ 253	2900	76	18	BARREN	C	0	0	0	0	0	0			
030364	76L14	ROZ 239	2500	152	44	BARREN	C	0	0	0	0	0	0			
037236	76L14	ROZ 257	4000	193	42	BARREN	C	0	0	0	0	0	0			
037237	76L14	ROZ 257	8500	583	116	BARREN	C	0	0	0	0	0	0			
044668	76L14	ROZ 239	1500	96	22	BARREN	C	0	0	0	0	0	0			
044669	76L14	ROZ 239	100	4	4	BARREN	C	0	0	0	0	0	0			
044713	76L14	ROZ 239	900	214	28	BARREN	C	0	0	0	0	0	0			
045101	76L14	ROZ 239	1900	130	48	BARREN	C	0	0	0	0	0	0			
045566	76L12	ROZ 119	4000	272	17	BARREN	C	0	0	0	0	0	0			
045567	76L12	ROZ 119	4400	444	31	BARREN	C	0	0	0	0	0	0			
045569	76L12	ROZ 123	5000	260	17	BARREN	I	0	0	0	0	0	0			
045670	76L12	ROZ 123	5000	288	19	BARREN	C	0	0	0	0	0	0			
045671	76L12	ROZ 123	3500	204	17	BARREN	C	0	0	0	0	0	0			
045634	76L11	ROZ 288	5000	662	71	BARREN	I	0	0	0	0	0	0			
045635	76L11	ROZ 288	5000	432	38	BARREN	I	0	0	0	0	0	0			
045636	76L12	ROZ 120	5000	286	21	BARREN	I	0	0	0	0	0	0			
045637	76L12	ROZ 120	5000	164	15	BARREN	I	0	0	0	0	0	0			
045638	76L11	ROZ 120	5500	296	26	BARREN	C	0	0	0	0	0	0			
045639	76L12	ROZ 120	5000	286	25	BARREN	I	0	0	0	0	0	0			
049141	76L12	ROZ 126	3900	740	46	BARREN	C	0	0	0	0	0	0			
049142	76L12	ROZ 126	5500	246	18	BARREN	C	0	0	0	0	0	0			
049143	76L12	ROZ 125	5000	182	20	BARREN	C	0	0	0	0	0	0			
049144	76L12	ROZ 125	5300	652	46	BARREN	C	0	0	0	0	0	0			
049145	76L12	ROZ 125	4000	400	35	BARREN	C	0	0	0	0	0	0			
049146	76L12	ROZ 124	4500	244	22	BARREN	C	0	0	0	0	0	0			
049147	76L12	ROZ 124	5000	130	18	BARREN	I	0	0	0	0	0	0			
049762	76L12	ROZ 148	4900	206	15	BARREN	C	0	0	0	0	0	0			
050188	86H16	ROZ 42	5000	156	20	BARREN	I	0	0	0	0	0	0			
050189	86H16	ROZ 42	5200	474	41	BARREN	C	0	0	0	0	0	0			
050190	86H16	ROZ 42	5000	208	26	BARREN	I	0	0	0	0	0	0			
050191	86H16	ROZ 44	4500	702	98	BARREN	C	0	0	0	0	0	0			
050207	86H16	ROZ 7	4300	178	68	BARREN	C	0	0	0	0	0	0			
050208	86H16	ROZ 6	5300	356	35	BARREN	C	0	0	0	0	0	0			
050209	86H16	ROZ 8	2900	70	9	BARREN	C	0	0	0	0	0	0			
050213	86H16	ROZ	5000	256	54	BARREN	I	0	0	0	0	0	0			
050234	76M14	ROZ 251	4300	358	35	BARREN	C	0	0	0	0	0	0			

Status Legend: I=initial sort, H=half sort, Q=quarter sort, F=final result, C=complete

COLLECTION			CONCENTRATION		SORTING				Indicator Recovery Totals:					
Sample #:	NTS:	Claim:	Tabling W/gm:	Conc. W/gm:	Sort W/gm	Result Class:	Status:	PY	EG	CD	ILM	CR	OL	
050235	76M14	ROZ 251	5000	80	20	BARREN	I	0	0	0	0	0	0	
050236	76M14	ROZ 251	5300	226	14	BARREN	C	0	0	0	0	0	0	
050237	76M14	ROZ 251	5000	448	41	BARREN	I	0	0	0	0	0	0	
050238	76M14	ROZ 257	5300	302	30	BARREN	C	0	0	0	0	0	0	
050239	76M14	ROZ 257	3000	98	7	BARREN	C	0	0	0	0	0	0	
050240	76M14	ROZ 257	5000	510	43	BARREN	I	0	0	0	0	0	0	
050241	76M14	ROZ 257	5000	384	58	BARREN	C	0	0	0	0	0	0	
050242	76M14	ROZ 257	4000	682	62	BARREN	C	0	0	0	0	0	0	
050243	76M14	ROZ 257	5400	368	47	BARREN	C	0	0	0	0	0	0	
050260	86I16	ROZ 1	5000	252	40	BARREN	I	0	0	0	0	0	0	
050298	76M13	ROZ 223	5200	488	62	BARREN	C	0	0	0	0	0	0	
050299	76M13	ROZ 223	5500	560	55	BARREN	C	0	0	0	0	0	0	
050303	86I16	ROZ 9	5000	490	73	BARREN	I	0	0	0	0	0	0	
050305	86I16	ROZ 9	5500	558	79	BARREN	C	0	0	0	0	0	0	
050313	76L13	ROZ 227	5000	310	49	BARREN	I	0	0	0	0	0	0	
050314	76L13	ROZ 226	5500	362	64	BARREN	C	0	0	0	0	0	0	
050409	76L14	ROZ 263	4200	330	49	BARREN	C	0	0	0	0	0	0	
050410	76L14	ROZ 263	4500	622	54	BARREN	C	0	0	0	0	0	0	
050411	76L14	ROZ 263	5000	298	38	BARREN	I	0	0	0	0	0	0	
050412	76L14	ROZ 263	4900	214	22	BARREN	C	0	0	0	0	0	0	
050435	76L11	ROZ 267	5100	188	27	BARREN	C	0	0	0	0	0	0	
050436	76L11	ROZ 287	5000	384	39	BARREN	I	0	0	0	0	0	0	
050440	76L13	ROZ 193	4400	354	21	BARREN	C	0	0	0	0	0	0	
050441	76L13	ROZ 194	2100	82	7	BARREN	C	0	0	0	0	0	0	
050443	76L13	ROZ 211	4300	302	37	BARREN	C	0	0	0	0	0	0	
050481	76L13	ROZ 200	4200	244	40	BARREN	C	0	0	0	0	0	0	
050482	76L13	ROZ 200	4500	220	42	BARREN	C	0	0	0	0	0	0	
050483	76L13	ROZ 200	2800	158	36	BARREN	C	0	0	0	0	0	0	
050484	76L13	ROZ 200	3500	274	41	BARREN	C	0	0	0	0	0	0	
050485	76L13	ROZ 200	4000	494	61	BARREN	C	0	0	0	0	0	0	
050486	76L13	ROZ 261	5000	216	38	BARREN	I	0	0	0	0	0	0	
050487	76L13	ROZ 248	5400	544	69	BARREN	C	0	0	0	0	0	0	
050488	76L13	ROZ 248	4900	778	74	BARREN	C	0	0	0	0	0	0	
050489	76L13	ROZ 249	5000	580	92	BARREN	I	0	0	0	0	0	0	
050492	76L13	ROZ 199	3900	396	44	BARREN	C	0	0	0	0	0	0	
050535	76L11	ROZ 273	5500	628	57	BARREN	C	0	0	0	0	0	0	
050544	76L14	ROZ 231	4900	692	63	BARREN	C	0	0	0	0	0	0	
050545	76L14	ROZ 231	3500	168	24	BARREN	C	0	0	0	0	0	0	
050546	76L14	ROZ 231	4900	222	32	BARREN	C	0	0	0	0	0	0	
050547	76L14	ROZ 232	5000	366	19	BARREN	I	0	0	0	0	0	0	
050560	76L14	ROZ 251	5000	370	52	BARREN	C	0	0	0	0	0	0	
050561	76L14	ROZ 251	4700	542	51	BARREN	C	0	0	0	0	0	0	
050564	76L14	ROZ 249	3000	200	29	BARREN	C	0	0	0	0	0	0	
050565	76L14	ROZ 249	3200	462	37	BARREN	C	0	0	0	0	0	0	
050566	76L13	ROZ 230	5500	542	46	BARREN	C	0	0	0	0	0	0	
050567	76L13	ROZ 230	5000	120	17	BARREN	I	0	0	0	0	0	0	
050568	76L13	ROZ 229	5000	596	90	BARREN	I	0	0	0	0	0	0	
050569	76L13	ROZ 229	5000	378	50	BARREN	I	0	0	0	0	0	0	

Status Legend: I=initial sort, H=half sort, Q=quarter sort, F=final result, C=complete

COLLECTION			CONCENTRATION		SORTING			Indicator Recovery Totals:					
Sample #:	NTS:	Claim:	Tabling W/Am:	Conc. W/Am:	Sort W/Am	Result Class:	Status:	FY	EG	CD	ILM	CR	OL
060670	76L13	ROZ 212	5000	442	38	BARREN	I	0	0	0	0	0	0
060683	76L14	ROZ 256	4700	240	38	BARREN	C	0	0	0	0	0	0
060684	76L14	ROZ 256	4900	344	47	BARREN	C	0	0	0	0	0	0
060685	76L14	ROZ 256	2400	220	17	BARREN	C	0	0	0	0	0	0
060600	76L13	ROZ 215	4800	322	38	BARREN	C	0	0	0	0	0	0
060618	76L14	ROZ 267	400	132	9	BARREN	C	0	0	0	0	0	0
060619	76L14	ROZ 263	4500	242	36	BARREN	C	0	0	0	0	0	0
060620	76L14	ROZ 263	4700	270	37	BARREN	C	0	0	0	0	0	0
060943	86I16	ROZ 10	5000	246	33	BARREN	C	0	0	0	0	0	0
060944	86I16	ROZ 10	3100	194	31	BARREN	C	0	0	0	0	0	0
060945	86I16	ROZ 11	4900	224	66	BARREN	C	0	0	0	0	0	0
060946	86I16	ROZ 25	5200	520	172	BARREN	C	0	0	0	0	0	0
061965	86I16	ROZ 35	5500	442	106	BARREN	C	0	0	0	0	0	0
061966	86I16	ROZ 35	5500	434	96	BARREN	C	0	0	0	0	0	0

98 BARREN Samples

APPENDIX 5

REFERENCES AND BIBLIOGRAPHY

REFERENCES AND BIBLIOGRAPHY

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**APPENDIX 6
PREVIOUS ASSESSMENT REPORT**

Previous Assessment Report

DIAND # 083429

**GEOCHEMICAL AND GEOPHYSICAL
ASSESSMENT REPORT**

on the

BENACHEE RESOURCES INC/ SNOWPIPE RESOURCES LTD

RBYM PROPERTY

March 18, 1993- March 17, 1995

HOOD RIVER AREA

NTS 76L /1, /8, /9, /11, /12, /13, /14, /15, /16

76K /3, /4, /5, /6, /11, /12, /13, /14

86I /8, /9, /16

66° 40' N, 110° 15' W

**DISTRICT OF MACKENZIE,
NORTHWEST TERRITORIES**

by

Ken Hicks, P. Geol.

CANAMERA GEOLOGICAL LTD.

540 - 220 Cambie Street

Vancouver, B.C.

June 12, 1995

APPENDIX 7

LIST OF PERSONNEL

APPENDIX 7

LIST OF PERSONNEL
ROZ CLAIMS

March 18, 1995 - March 17, 1996

Mary Whelen-Grey	458 East 19th Avenue, Vancouver, BC, V5V 1J7
Sandy Smeeton	406 - 2085 Bellevue Avenue, West Vancouver, BC, V5V 1C1
Barry Edward Jones	1003 - 1920 Alberni Street, Vancouver, BC, V6G 1B8
Brian Lahiffe	2026 - West 63rd Avenue, Vancouver, BC, V6P 2J3
Clark Niven	11708 - 135A Street, Edmonton, AB, T5M 1L5
Tim Lyzun	182 Beach Drive, Victoria, BC, V8S 2L7
Jeff Ramstadt	Box 204, Bashaw, AB, T0B 0H0
Alain Poloni	8209 9th Avenue, Montreal, PQ, H1Z 2Z2
Brent Connor	Box 4575, Ponoka, AB, T4J 1S4
Daniel Potvin	5606 - 56A Street, Beaumont, AB, T4X 1A7
Paul Stevensen	56 St Tropez Circle, Kirkland, PQ,
Shawn Engele	Box 88, Carmel, SK, S0K 0X0
Brian Corbin	307 - 3738 Norfolk Street, Burnaby, BC, V4G 1E4
D. Blunt	c/o Canamera Geological Ltd., 650 - 220 Cambie Street, Vancouver, BC, V6B 2M9
Dave Carten	3022 3rd Street, Calgary AB, T2S 1V1
Gradon Card	7109 Nancy Green street, Whistler, BC, V0N 1B0
J. Lyzun	182 Beach Drive, Victoria, BC, V8S 2L7
J. Roy	c/o Canamera Geological Ltd., 650 - 220 Cambie Street, Vancouver, BC, V6B 2M9
Jeff Tindale	470 Seymour River Place, North Vancouver, BC, V7H 1S8
Ken Brophy	808 - 1150 Jarvis Street, Vancouver, BC, V6E 2C8
Neil LaBreche	RR#1, Site 10C - Comp 24, Merritt, BC, V0K 2B0
Paul deFoiard	301 - 242 East 14th Avenue, Vancouver, BC, V5T 2M6
Phillip Kettles	7 Granville Place, St Albert Place, AB, T8N 0T2
P. Winters	c/o Canamera Geological Ltd., 650 - 220 Cambie Street, Vancouver, BC, V6B 2M9
Shawn Engele	Box 88, Carmel, SK, S0K 0X0
Tom Atkinson	Canamera Geological Ltd., 650 - 220 Cambie Street, Vancouver, BC, V6B 2M9
Thomas Hill	Monksgrange, Rathmure County, Wexford, Ireland

APPENDIX 8

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

Barry Edward Jones

I, Barry Edward Jones, resident at 1003 - 1920 Alberni Street, Vancouver, British Columbia, hereby certify that:

I am employed full time as a geologist by Canamera Geological Ltd., 650 - 220 Cambie Street, Vancouver, B.C.

I received a Bachelor of Science degree in Geology and a Master of Science Degree in Structural Geology from Acadia University, Wolfville, N.S. in 1966 and 1975 respectively..

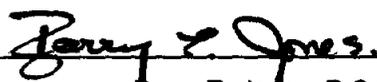
I have worked full time in the mineral exploration and mining industry since 1966.

I am familiar with the current state of exploration of the ROZ claims.

I have no direct or indirect interest in the ROZ claims or in the shares of Benachee Resources Inc., Snowpipe Resources Ltd. nor do I expect any.

Permission is hereby granted for the use of this report, or excerpts thereof, for any legal purposes normal to the business of Benachee Resources Inc. and Snowpipe Resources Ltd. . The author reserves the right to approve any summaries or alterations.

Dated at Vancouver, British Columbia, this 8th day of October, 1996


Barry E. Jones B.Sc. M.Sc.