

GEOCHEMICAL REPORT  
on the  
**SEAGULL PROPERTY**

Consisting of Seagull 1 - 20 Claims  
Mapsheet 105B4  
Longitude 131° 39' W Latitude 61° 12' 30" N

Watson Lake Mining District, Yukon Territory

Dorsey Lake Area, Yukon Territory

for

**Brett Resources Inc.**  
Suite 611 – 675 West Hastings Street  
Vancouver, B.C.  
V6B 1N2

Work performed July 17, 18, 23, 2006

Report Prepared by:

Rein Turna, P. Geo



Plate No. 1 Gem Lake. View toward south. Areas of historic showings are in stream cut in left foreground and part ways up slope right of lake. Scree beyond lake is highly anomalous in tin, as are soils on slope in foreground.

## 1.0 SUMMARY

The Seagull property is located in the Dorsey Lake area of NTS Mapsheet 105B4 in the Watson Lake Mining District in Yukon Territory. The property consists of 20 claim units.

Limestone, quartzite and volcanics are intruded by granite of the Seagull Batholith. Mineralization consists of sulphides with enhanced tin values in quartz veins occurring in fracture zones in the granite.

In 2006 rock and soil sampling was done to verify historic geochemical results. The rock samples were collected at outcrops which had yielded significant tin assays in historical work. Soil sampling lines were done over the area of an historic tin soil anomaly.

Rock samples were collected north and southwest of Gem Lake where historic work had anomalous tin in outcrops. Both these showings were quartz veins in granite. North of the lake rock sampling in 2006 returned no significant tin values. Southwest of the lake quartz veins returned a highest value of 0.91% tin in a grab sample.

A soil sampling grid north of Gem Lake confirmed a historic soil anomaly which was open to the north and west; this anomaly remains open. Almost all of the 2006 year soils in this grid were over 20 ppm Sn, considered the anomalous threshold in the historic work. Almost half the 2006 soils over the grid were over 100 ppm Sn, three were over 500 ppm Sn. 27 soil samples were collected south and southwest of Gem Lake; all of them were 'anomalous', 8 were over 500 ppm Sn.

The size and intensity of the tin soil anomaly over the Seagull property warrants extensive follow up by geochemical and geophysical methods. The extent and cause of the soil anomaly needs to be determined. Intensive geological mapping and prospecting should be done north of Gem Lake which has had little more than soil sampling done to date.

## TABLE OF CONTENTS

	Page
1.0 SUMMARY .....	i
2.0 INTRODUCTION .....	1
3.0 PROPERTY DESCRIPTION and LOCATION .....	1
4.0 MINERAL CLAIMS .....	2
5.0 PHYSIOGRAPHY and ACCESSIBILITY.....	2
6.0 HISTORY .....	3
7.0 EXPLORATION PROGRAM - 2006 .....	4
7.1 Economic Targets and Work Done .....	4
7.2 Sampling Method and Approach .....	4
7.3 Laboratory Method in Sample Preparation and Analyses .....	4
8.0 GEOLOGY .....	5
8.1 Regional Geology .....	5
8.2 Local Geology .....	5
9.0 SURVEY RESULTS .....	5
9.1 Rock Sampling Results .....	5
9.2 Soil Sampling Results .....	5
10.0 CONCLUSIONS .....	6
11.0 RECOMMENDATIONS .....	6

### LIST of PLATES

	Before Page No.
Plate No. 1 Gem Lake .....	i

### LIST of TABLES

	Page
Table No. 1 Mineral Claim Details .....	2

### LIST of FIGURES

	After Page No.
Figure No. 1 Yukon Mining Districts .....	1
Figure No. 2 Project Location .....	1
Figure No. 3 Claims .....	1

Figure No. 4	Schematic Sections - Steep versus Moderate Dipping Strata .....	4
Figure No. 5	Sample Locations .....	4
Figure No. 6	Tin Geochemistry & Geology .....	4

#### LIST of APPENDICES

Appendix A	Rock Sample Descriptions
Appendix B	Analytical Methods
Appendix C	Analytical Data
Appendix D	Minfile No. 105B 085 - Capsule History and Geology
Appendix E	References
Appendix F	Statement of Expenditures
Appendix G	Statement of Qualifications

## 2.0 INTRODUCTION

Work was performed on the Seagull property July 17 - 23, 2006. This report describes the rock and soil sampling done on the property. The work was done to confirm the presence of tin-bearing greisen mineralization in granites and strong tin soil anomalies described in historic assessment reports.

## 3.0 PROPERTY DESCRIPTION and LOCATION

The Seagull Property consists of contiguous claims listed in Table No. 1 – Mineral Claim Details. Mineral claims comprising the property are 100% owned by Brett Resources Inc. of Vancouver, B.C.

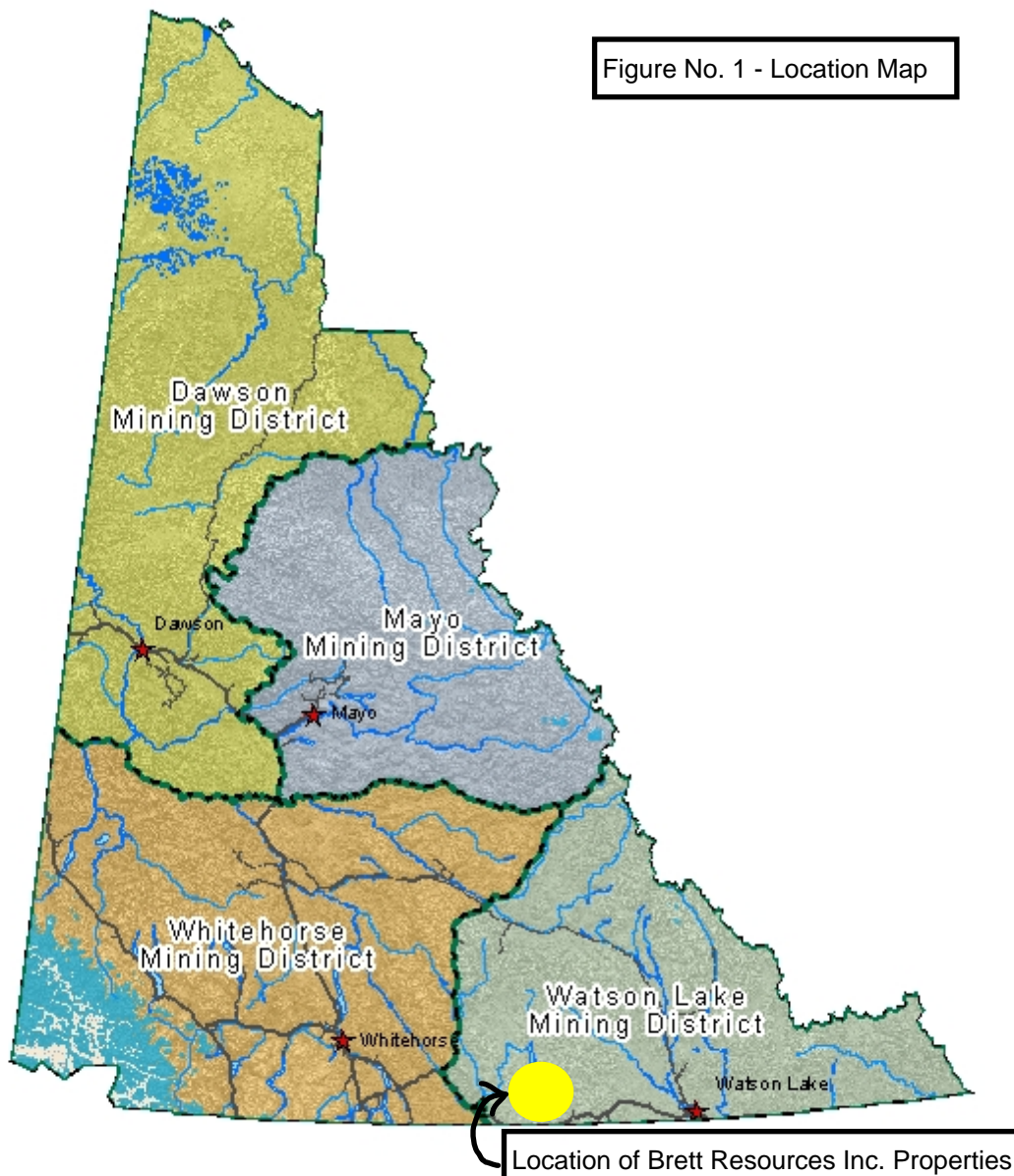
The Seagull property is located in the Dorsey Range of the Cassiar Mountains. It is located 35 km northwest of Swift River on the Alaska Highway and approximately 5 km north of Dorsey Lake on NTS map sheet 105B04.

The coordinates of the property are:

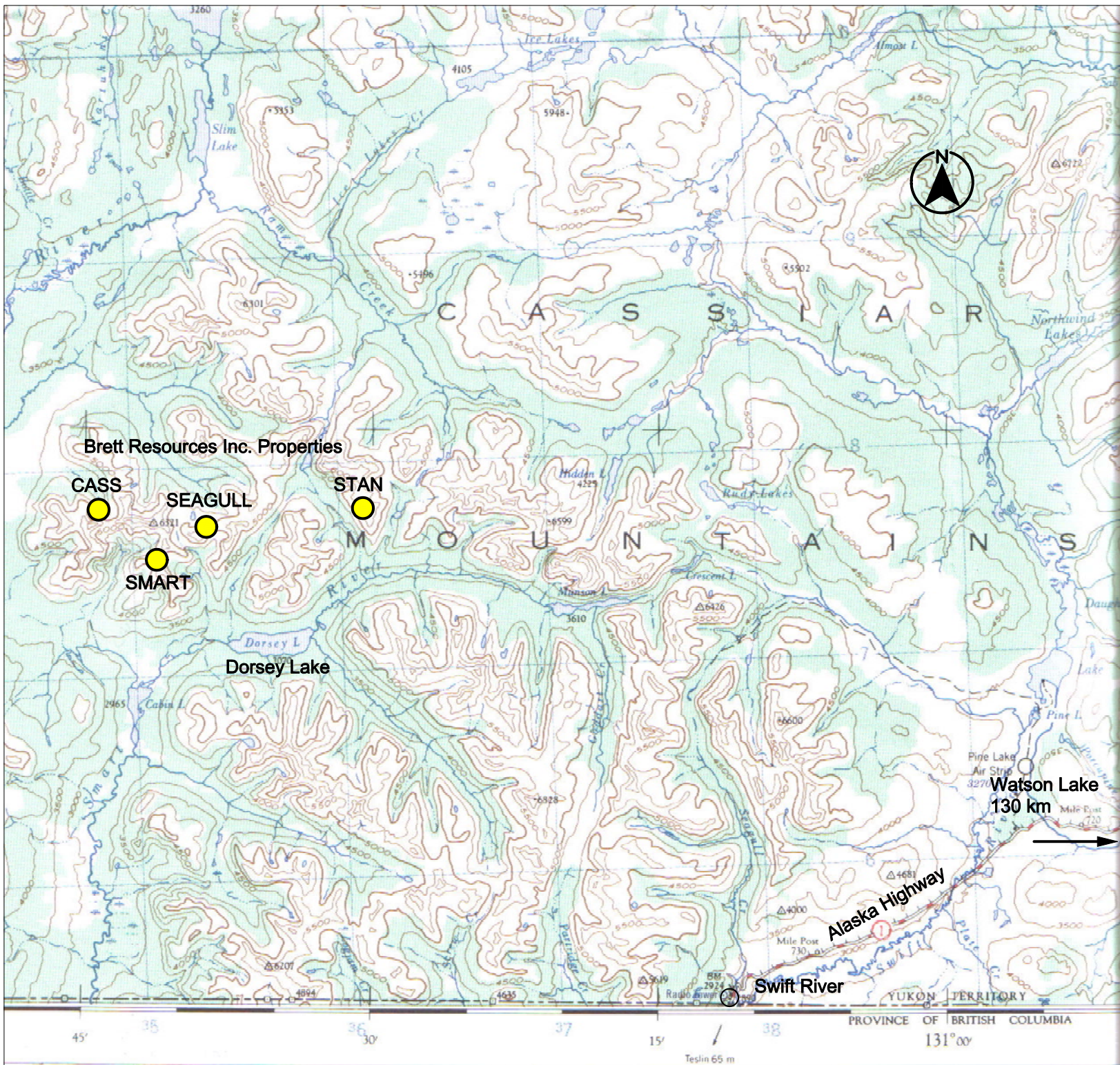
<u>Property Name</u>	<u>Longitude</u>	<u>Latitude</u>	<u>UTM Zone 9, Datum NAD83</u>	
			<u>Easting</u>	<u>Northing</u>
SEAGULL	131° 39' W	61° 12' 30" N	353500	6677500

The city of Whitehorse is located 190 km west northwest of the property. Many of the businesses that provide services to the mining industry are headquartered in this city. The town of Watson Lake is located 160 km east of the property.

Figure No. 1 - Location Map



Location of Brett Resources Inc. Properties

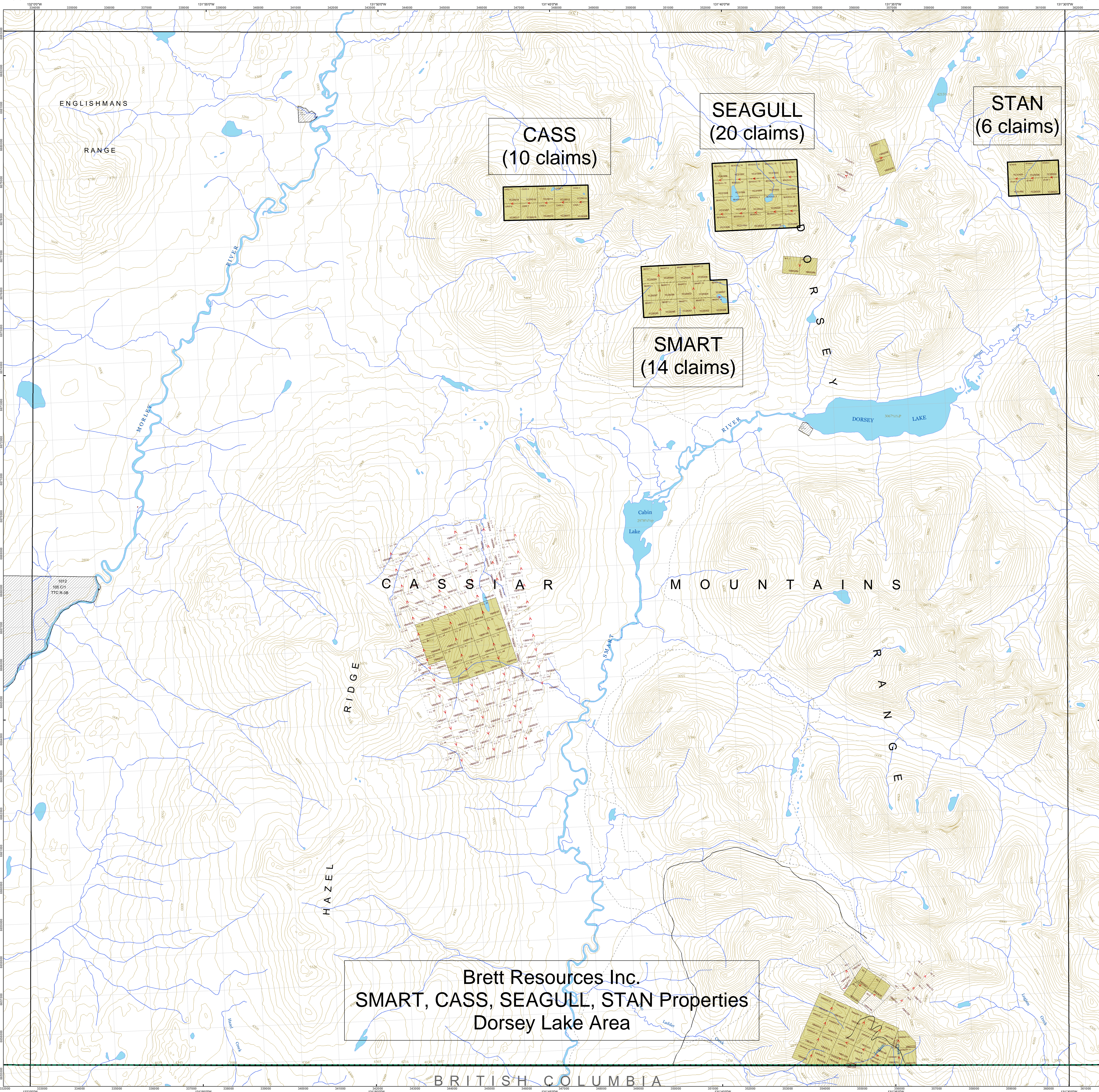


**Figure No. 2  
Project Location**

Universal Transverse Mercator Projection,  
Interim corrections 1979  
© 1979, Her Majesty the Queen in Right of Canada,  
Department of Energy, Mines and Resources.

NTS 105B mapsheet  
**WOLF LAKE**  
YUKON TERRITORY  
Approximate  
Scale 1:250,000  
1 Inch to 4 Miles Approximately





Brett Resources Inc.  
 SMART, CASS, SEAGULL, STAN Properties  
 Dorsey Lake Area

**Disclaimer:**  
 This map is a compilation of data obtained from many sources. As such, the Mining Lands Branch accepts no responsibility for errors, inaccuracies, or omissions. Where the map differs from the actual positions on the ground, the ground location has precedence.

**Category A Land - Contact First Nation for staking**  
 For mining claim information, please contact the Mining Recorder's Office for the appropriate mining district:  
 Whitehorse District Office  
 Rm 102 - 300 Main St  
 Whitehorse, YT Y1A 2B5  
 Ph: (867) 667-3190 Fax: (867) 667-5150  
 email: whitehorsemining@gov.yk.ca

**Category B Land - Contact Mining Recorder's Office for staking**  
 Dawson District Office  
 Box 249  
 Dawson City, YT Y0B 1G0  
 Ph: (867) 993-5343 Fax: (867) 993-6747  
 email: dawsonmining@gov.yk.ca

**Whitehorse District Office:**  
 Box 269  
 Watson Lake, YT Y0A 1G0  
 Ph: (867) 536-7266 Fax: (867) 536-7542  
 email: watsonmining@gov.yk.ca

**Mayo District Office:**  
 Box 10  
 Mayo, YT Y0B 1M0  
 Ph: (867) 696-2296 Fax: (867) 696-2617  
 email: mayo.mining@gov.yk.ca

**Sources:**  
 Mining claim locations obtained from staking sketches except for Global Positioning System (GPS) located claims.  
 1:50000 scale digital topography obtained from Natural Resources Canada National Topographic System data.  
 Survey data obtained from Natural Resources Canada Legal Surveys Division. For more information, please contact:  
 Natural Resources Canada Legal Surveys Division, Whitehorse  
 Rm 225 - 300 Main St  
 Whitehorse, YT Y1A 2B5  
 Ph: (867) 667-3950 Fax: (867) 393-6707  
 email: land.disposition@gov.yk.ca

**Lands Information obtained from Energy, Mines and Resources Lands Branch. For more information, please contact:**  
 Energy, Mines and Resources Lands Branch  
 Rm 320-300 Main St  
 Whitehorse, YT Y1A 2B5  
 Ph: (867) 667-5215 Fax: (867) 393-6285  
 email: land.disposition@gov.yk.ca

**Agricultural Information obtained from Energy, Mines and Resources Agriculture Branch. For more information, please contact:**  
 Energy, Mines and Resources Agriculture Branch  
 Rm 320 - 300 Main St  
 Whitehorse, YT Y1A 2B5  
 Ph: (867) 667-5838 Fax: (867) 393-6222

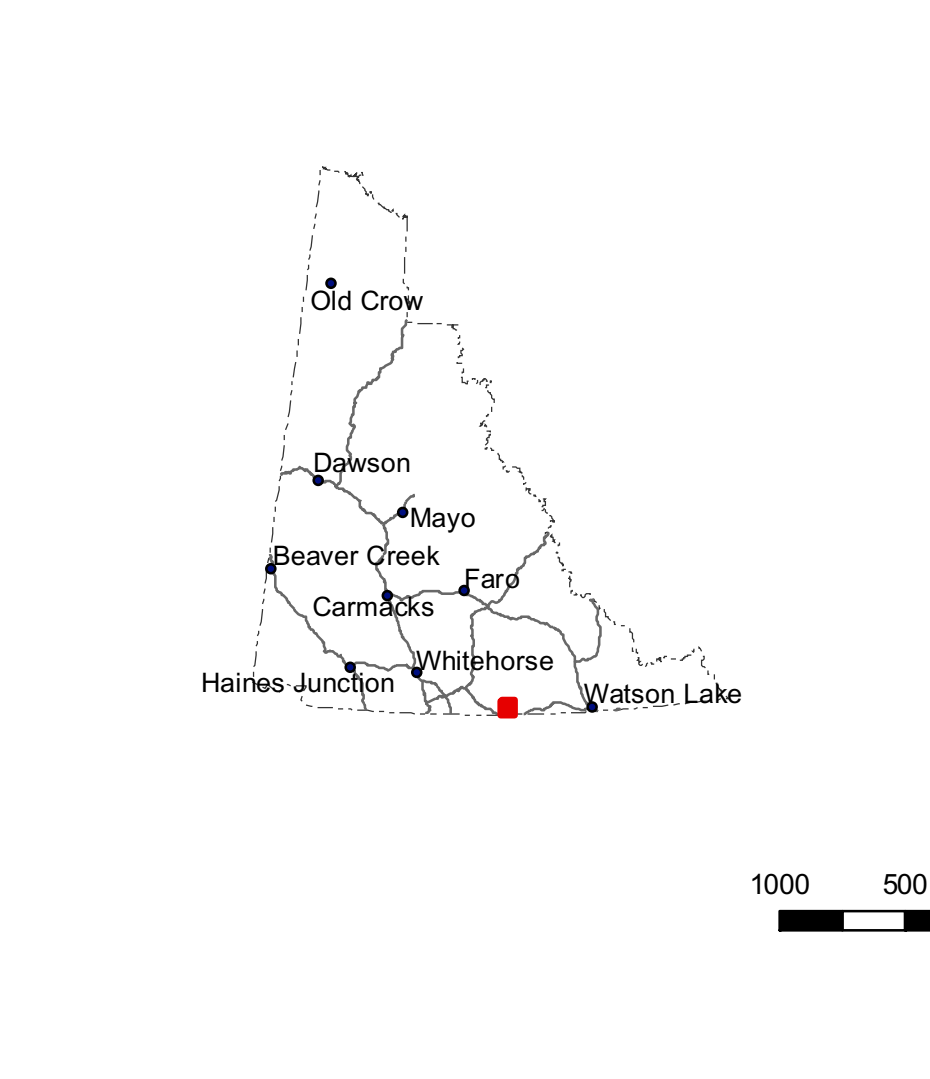
**Interim Protected Land Claims Information obtained from Indian and Northern Affairs Canada, Claims and Indian Government Mapping. For more information, please contact:**  
 Claims and Indian Government  
 Rm 420 - 300 Main St  
 Whitehorse, YT Y1A 2B5  
 Ph: (867) 667-3814 Fax: (867) 667-3372

**Other Resources:**  
 For access to airphotos, Mining Assessment Reports, and geology publications:  
 Yukon Energy, Mines and Resources Library  
 Rm 335 - 300 Main St  
 Whitehorse, YT Y1A 2B5  
 Ph: (867) 667-3111 Fax: (867) 456-3888  
 email: whitehorse@gov.yk.ca

**Yukon Geological Survey:**  
 Rm 102 - 300 Main St  
 Whitehorse, YT Y1A 2B5  
 Ph: (867) 456-3828 Fax: (867) 667-3198  
 or:  
 2009 2nd Ave  
 Whitehorse, YT Y1A 2C6  
 Ph: (867) 667-8598 Fax: (867) 393-6232

**Yukon Geological Survey Maps and Publications are available by emailing:**  
 map\_sales@gov.yk.ca  
 or can be downloaded from:  
 www.geology.gov.yk.ca

**Online Resources:**  
 Mining claims maps are also available online at the Yukon Mining Recorder Website:  
 www.yukonminingrecorder.ca  
 Yukon Geological Survey Maps, Profiles, and Publications are also available at the Yukon Geological Survey Website:  
 www.geology.gov.yk.ca



# 105B04

## MINING CLAIMS

UTM Zone: UTM Zone 9  
 Datum: NAD 83  
 Mining District: Watson  
 Map Creation Date: Jun 08, 2006

105C08	105B05	105B06
105C01	105B04	105B03
104N16	104O13	104O14

**Mining**

- Blowing Direction
- Placer Baselines
- Mining District Boundaries

**Claim Status**

- Active Quartz Claim
- Active Placer Claim
- Expired Claim

**Coal**

- Coal Exploitation Licence
- Coal Mining Lease
- Expired Licence or Lease

**Areas Withdrawn from Staking**

- First Nation Interim Protected Lands
- Parks and Special Management Areas

**Areas Not Withdrawn from Staking**

- Parks and Special Management Areas

**First Nation Settlement Land**

**Category**

- A
- B
- FS

**First Nations Surveyed Lands**

**Category**

- A
- B
- FS

**NRCan Legal Survey Cadastral**

- First Nations Community Lots
- Special Access Rights through FN Lands
- Mineral Claims
- Community Land Transfers (Order in Council)
- Land Dispositions (Lots)
- Easements

**EMR Lands**

- Land Disposition
- Land Application
- Agricultural Disposition
- Agricultural Application
- Phy Council Orders
- Notations

**Mapsheet Index**

- 1:10000 Mineral Index
- 1:50000 Mineral Index

**Base Map Features**

**Hydrographic**

- Waterbody
- Intermittent waterbody
- Underwater sand
- Dry river bed

**Topography**

- Contours
- Transportation Routes
- Highway
- Main
- Secondary
- Street
- Limited user road
- Tail
- Railway
- Bridge
- Foot Bridge
- Ferry route
- Ford

**Yukon**  
 Energy, Mines and Resources  
 Mineral Resources Branch

#### 4.0 MINERAL CLAIMS

Table No. 1 Mineral Claims Details

Note: 'Expiry Dates' are before acceptance of work described in this report.

<u>Claim Name</u>	<u>Grant No.</u>	<u>Expiry Date:</u>	<u>Area (hectares)</u>	<u>Registered Owner:</u>
SEAGULL Property			417.7	
SEAGULL 1	YC29319	Sept 22, 2006		Brett Resources Inc.
SEAGULL 2	YC29320	Sept 22, 2006		Brett Resources Inc.
SEAGULL 3	YC29321	Sept 22, 2006		Brett Resources Inc.
SEAGULL 4	YC29322	Sept 22, 2006		Brett Resources Inc.
SEAGULL 5	YC31494	May 31, 2007		Brett Resources Inc.
SEAGULL 6	YC31495	May 31, 2007		Brett Resources Inc.
SEAGULL 7	YC31496	May 31, 2007		Brett Resources Inc.
SEAGULL 8	YC31497	May 31, 2007		Brett Resources Inc.
SEAGULL 9	YC31498	May 31, 2007		Brett Resources Inc.
SEAGULL 10	YC31499	May 31, 2007		Brett Resources Inc.
SEAGULL 11	YC31500	May 31, 2007		Brett Resources Inc.
SEAGULL 12	YC31501	May 31, 2007		Brett Resources Inc.
SEAGULL 13	YC31502	May 31, 2007		Brett Resources Inc.
SEAGULL 14	YC31503	May 31, 2007		Brett Resources Inc.
SEAGULL 15	YC31504	May 31, 2007		Brett Resources Inc.
SEAGULL 16	YC31505	May 31, 2007		Brett Resources Inc.
SEAGULL 17	YC31506	May 31, 2007		Brett Resources Inc.
SEAGULL 18	YC31507	May 31, 2007		Brett Resources Inc.
SEAGULL 19	YC31508	May 31, 2007		Brett Resources Inc.
SEAGULL 20	YC31509	May 31, 2007		Brett Resources Inc.

#### 5.0 PHYSIOGRAPHY and ACCESSIBILITY

The overall area has long cold winters and short moderate summers. Snow restricts the work season to June to September.

Topography is fairly rugged. Elevations on Seagull property range from approximately 1,370 metres (4,500 feet) to 1,770 metres (5,800 feet). The general area of the property has been glaciated with U-shaped valleys and cirques in the headwalls of valleys. The lower areas are treed by conifers. Ground birch and sedges grow in sub-alpine and alpine areas. Streams and ponds for camp or drilling purposes exist.

A helicopter was used to access the property.

## 6.0 HISTORY

1978: DC Syndicate (Dome Mines Ltd. & Cominco Ltd.) staked the ZINC 1 - 16 claims to cover areas of anomalous tin values in stream sediments collected in 1976 and 1977. Prospecting in 1977 had also discovered several small sphalerite showings. Work in 1978 included soil sampling done over a grid, rock sampling and geological mapping around Zinc Lake. 229 soil and talus samples were collected. On the north side of the SEAGULL claims a 500 m x 500 m area of >20 ppm Sn in soils was outlined. A larger surrounding area of >10 ppm Sn was at least 1000 m x 1500 m. Soil sampling returned anomalous Zn (up to 500 ppm) and Sn (up to 250 ppm).

The DU 1 - 160 claims were staked for Duval International Corp. and Du Pont of Canada Exploration Ltd. (Joint Venture) to cover areas of anomalous streams and soils. Prospecting and reconnaissance soil sampling traverses were done. Numerous soils were anomalous in tin. Most of the samples were analyzed in the field by X-ray fluorescence (XRF) 'assay' method. The Joint Venture continued to use this method in their work until 1981 when it was concluded that the XRF technique was often providing falsely high 'assays' due to inherent limitations in this method.

1979: The Duval-Dupont Joint Venture undertook geological mapping and detailed soil and rock sampling was done mostly on the east and northeast side of the present SEAGULL Property. Many soils were highly anomalous in tin. Most tin values were determined by XRF. Over DU Plateau grid area, on the east side of the SEAGULL claims, numerous parallel east-west quartz veins and many rock samples highly anomalous in tin. A quartz vein 20 to 40 cm wide over 100 m had 5.40% Sn in a grab and 0.61% Sn over 0.7 m. Other veins had 1.52% Sn over 0.9 m and 1.40% Sn over 1.2m. These were conventional assays done by Min-En Lab.

1980: DC Syndicate performed a ground magnetic survey over 5 widely spaced lines. Two short soil lines extended the tin anomaly eastward. 44 rock samples were collected and geological mapping was also reported. Several rock samples had >1000 ppm Sn occur over 1.5 ft, 3 ft & 6 ft.

Minfile 105B 086 states that the Duval-Dupont Joint Venture drilled three holes (600 m) in 1980, but these have not been reported in any assessment report.

1981: The Duval-Dupont Joint Venture drilled two diamond drill holes (336.3 m) approximately 1 to 2 km east and northeast of Zinc Lake. The samples were analyzed both by XRF and conventional geochem methods. At this point it was determined that the XRF method was not

reliable. Unfortunately, pulps of previous years' sampling were not available for re-analysis by conventional methods. The price of tin was dropping at the time and the project was terminated.

2005: The present SEAGULL claims were staked for Brett Resources Inc. The claims were enlarged in 2006.

## **7.0 EXPLORATION PROGRAM - 2006**

### **7.1 Economic Targets and Work Done**

Rock and soil sampling was done on the property. The economic target of the 2006 survey was greisen hosted tin in granitic rocks. 15 rock, 101 soil, and 10 stream sediment samples were collected.

### **7.2 Sampling Method and Approach**

Sites where rock samples were collected were described and a few structural measurements were made. No detailed geological mapping was done. Rock samples were bagged and tied prior to shipment. Rock samples were representative grabs or chips over a certain distance as described for each sample in Appendix A – Rock Sample Descriptions. A compass and hipchain were used for orientation and distance measurement for the soil survey lines. A GPS instrument was used to determine the UTM coordinates of sample locations and the ends of soil sampling lines.

### **7.3 Laboratory Method in Sample Preparation and Analyses**

All samples were sent to ACME Analytical Laboratories Ltd. of Vancouver, B.C. Their laboratory methods are described in Appendix B – Analytical Methods. Rock samples were analyzed using ACME lab's Analysis Group 7PF. Determination is by Inductively Coupled Plasma (ICP) emission spectrometry. Sodium peroxide fusion is used on refractory elements (including tin and tungsten). 10 elements were analyzed for in the rock samples. Soil and stream sediment samples were analyzed using ACME lab's Analysis Group 4B. This analysis package comprises two separate analyses. Rare earth and refractory elements are determined by ICP mass spectrometry following a lithium metaborate / tetraborate fusion and nitric digestion. A separate split is digested in aqua regia and analyzed by ICP mass spectrometry. 45 elements were analyzed for.

All lab results are in Appendix C – Analytical Data. Concentrations are reported in percent, parts per million (ppm) or parts per billion (ppb).

## **8.0 GEOLOGY**

### **8.1 Regional Geology:**

The area of the Cass property is within the Ominica Crystalline Belt of the northern Cordillera. In the general area of the property occur sedimentary rocks of the of lower Carboniferous age and older Swift River Group belonging to the Yukon - Tanana Terrane. These are unconformably overlain by sediments and volcanic fragmental rocks of Carboniferous to Permian age Klinkit Group of the Overlap Assemblages. These stratigraphic groups are intruded by granites and monzonites of mid - Cretaceous age Seagull Batholith.

### **8.2 Local Geology:**

At the SEAGULL property, intermediate to felsic volcanics, argillite, quartzite and limestone are intruded by granites of the Seagull Batholith. Mineralization consists of quartz, tourmaline and various sulphides with enhanced tin values in east - west trending, south dipping fracture zones. The area north of Gem Lake is mainly underlain by granites according to historical geologic mapping . The area south of Gem Lake is underlain by felsic volcanics overlying granites (Assessment Report 090457 - Map I). Both areas are strongly anomalous in tin (see Soil Sampling Results - below).

## **9.0 SURVEY RESULTS**

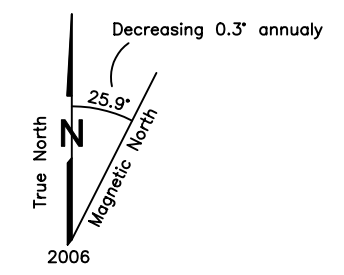
### **9.1 Rock Sampling Results**

Rock samples were collected north and southwest of Gem Lake where historic work had anomalous tin in outcrops. Both these showings were quartz veins in granite. North of the lake rock sampling in 2006 returned no significant tin values. None of the historic mineralized structures were positively identified as there was no evident trenching. More extensive prospecting and rock sampling would be necessary to rediscover the historic showings.

Southwest of the lake quartz veins returned a highest value of 0.91% tin in a grab sample. This was in the area of a historic showing.

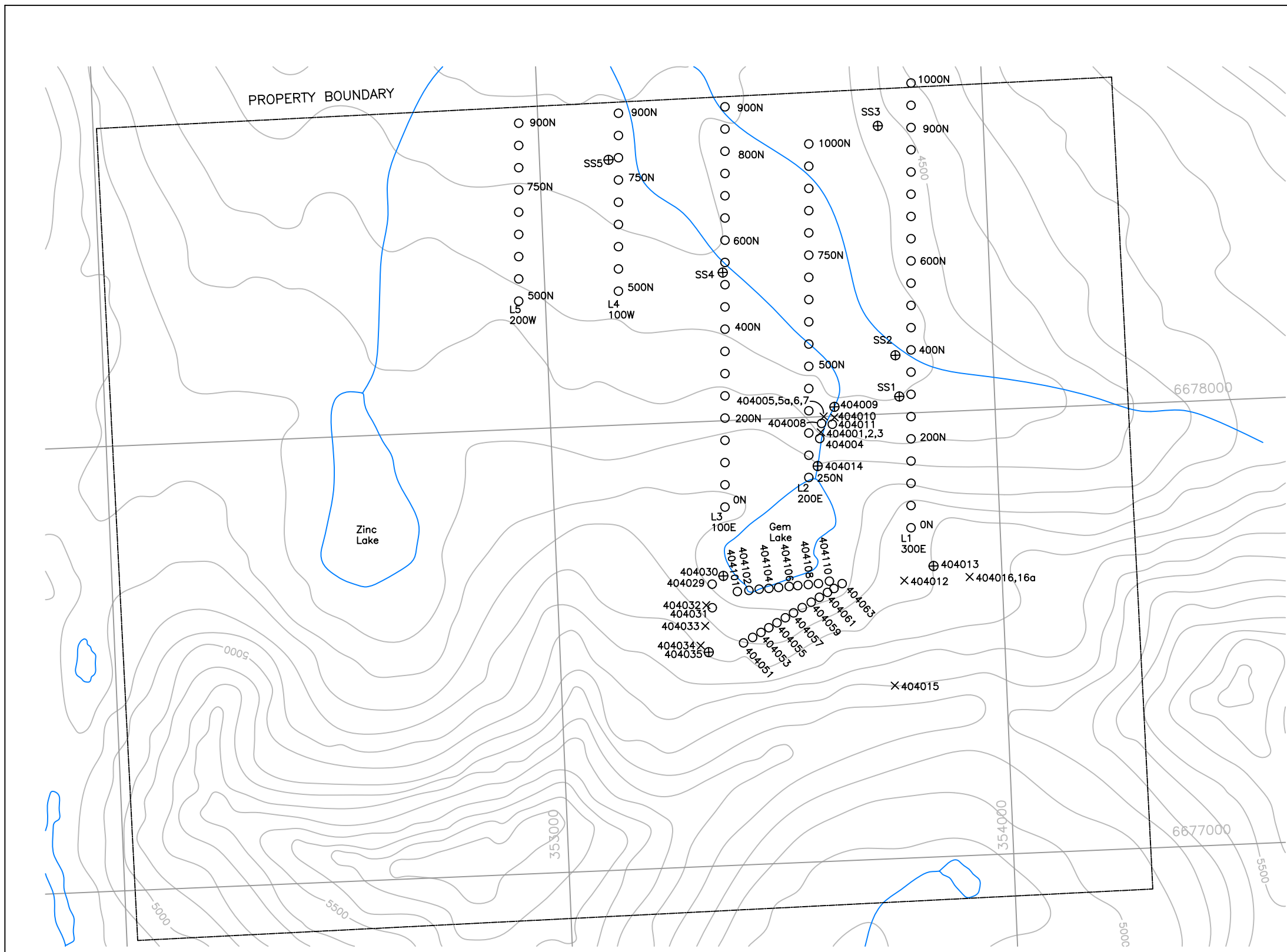
### **9.2 Soil Sampling Results**

A historic tin soil anomaly discovered by DC Syndicate in 1978 north of Gem Lake, defined then by the 20 ppm Sn threshold was confirmed by soil sampling in 2006. The anomaly in 2006 is approximately 900 m x 900 m in size and remains open in all directions. Almost all of the soil samples collected in 2006 were over 20 ppm Sn.



**LEGEND**

- TOPOGRAPHIC CONTOUR & ELEVATION  
CONTOUR INTERVAL 100 FEET
- CREEK & POND
- sample# ROCK SAMPLE
- sample# SOIL SAMPLE
- sample# STREAM SEDIMENT SAMPLE

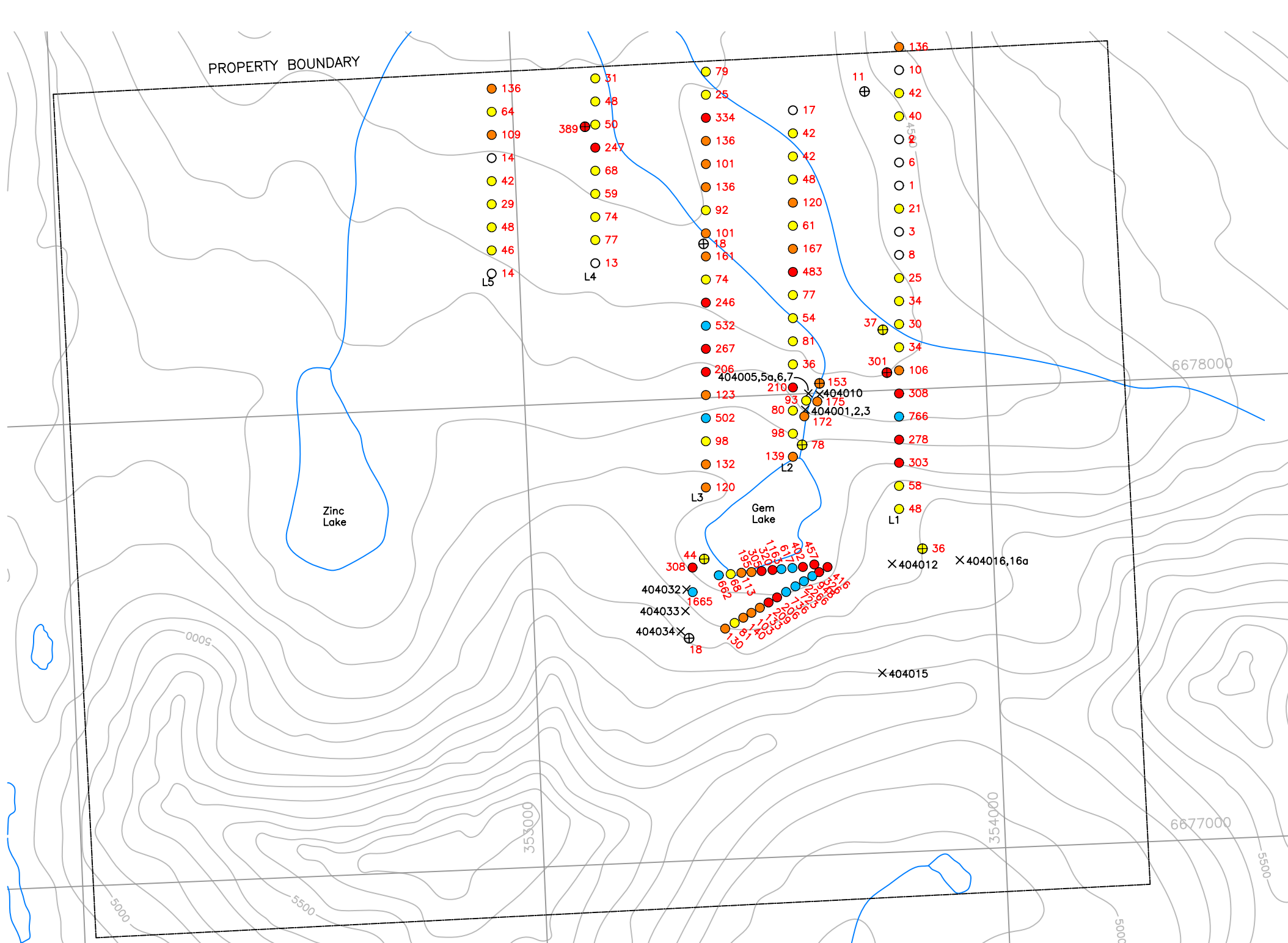


UTM Coordinate System  
Map Datum: NAD 83  
Zone: 9

**BRETT RESOURCES INC.**  
**SEAGULL PROPERTY**  
**Sample Locations**

Watson Lake Mining District, Yukon Territory

NTS Mapsheet: 105B4	Date: Sept 25, 2006
Drawn by: RT, BH	Fig.No. 4



**LEGEND**

- TOPOGRAPHIC CONTOUR & ELEVATION CONTOUR INTERVAL 100 FEET
- CREEK & POND
- ROCK SAMPLE
- SOIL SAMPLE (Sn ppm)
- STREAM SEDIMENT SAMPLE (Sn ppm)

**Rock Assay Results**

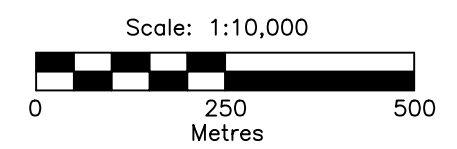
Sample No.	Sn (%)	Width (m)
404001	<0.01	0.35
404002	<0.01	0.25
404003	<0.01	1.0
404005	<0.01	2.0
404005a	<0.01	grab
404006	<0.01	2.0
404007	0.01	2.3
404010	<0.01	grab
404012	0.01	grab
404015	<0.01	grab
404016	<0.01	grab
404016a	0.17	grab
404032	0.01	grab
404033	0.91	grab
404034	0.07	grab

UTM Coordinate System  
Map Datum: NAD 83  
Zone: 9

Note:  
1. See Appendix A for Rock Sample Descriptions and UTM coordinates.  
2. See Appendix C for all assay and geochem results.

Colour code for Sn values (ppm)

>500
200-499
100-199
20-99



**BRETT RESOURCES INC.**  
**SEAGULL PROPERTY**  
**Tin Geochemistry**

Watson Lake Mining District, Yukon Territory

NTS Mapsheet: 105B4	Date: Sept 25, 2006
Drawn by: RT, BH	Fig.No. 5

Soils collected south of Gem Lake were mostly over 100 ppm Sn with 8 samples over 500 ppm Sn. The samples were collected over a steep scree slope, thus considerable mixing from local and upslope sources likely occurred. Evidence of old diamond drilling exists upslope south and southeast of here.

It is considered that the laboratory analysis method of 2006 did not produce false anomalies as did the 'field XRF' method used by the Duval-Dupont Joint Venture in the 1970's on their property south and east of Gem Lake (see History - page 3). In any case Duval-Dupont did no work in the area of the soil anomaly north of Gem Lake.

## **10.0 CONCLUSIONS**

1. A historic tin soil anomaly north of Gem Lake has been confirmed. Its present extent is approximately 900 m x 900 m as defined by the 20 ppm Sn threshold. Almost half the samples in the 2006 grid are over 100 ppm Sn. This anomaly is open in all directions.
2. Limited prospecting confirmed the presence of tin mineralization in quartz veins in granites southeast of Gem Lake. Rock sampling at a historic showing north of Gem Lake returned low tin assays. The mineralized structure was apparently missed in 2006.
3. Diamond drilling by Duval-Dupont in 1981 tested targets in volcanics southeast of Gem Lake. The area north of Gem Lake in granites has not been tested or surveyed beyond soil sampling.

## **11.0 RECOMMENDATIONS**

1. Claims should be added to the north side of the Seagull property to cover the expected northern extension of the tin soil anomaly.
2. An extensive soil survey should be done over the Seagull property to define the boundaries of the anomaly and to determine what should be considered the anomalous threshold.
3. Intensive geologic mapping and prospecting and ground magnetometer and VLF-electromagnetic work to define geologic structures should be done over the area of the soil anomaly north of Gem Lake to determine the causes of the anomaly and to define drill targets.

**APPENDIX A**  
**ROCK SAMPLE DESCRIPTIONS**

Samples are grabs of float unless stated otherwise.

Sample No.	Location (NAD83 Coordinates)		Elevation (metres)
	Easting	Northing	
404001	353617	6677953	1377 m ?
Grab from 35cm shear zone on left bank of stream. Shear orientation is 95/80° N. Chloritized slickensides. Quartz-biotite porphyritic granite. Slightly limonitic. No mineralization. Some random tiny quartz veinlets. Soil sample 404004 taken here.			
404002	353617	6677953	1351 m ?
Grab from 25cm shear on right bank of stream. Quartz-biotite porphyritic granite. Massive, monotonous. No mineralization.			
404003	353617	6677953	1377 m ?
1.0 m chip of typical coarse grained granite here for character determination. Sample is on north side of 404001.			
404005	353611	6677990	
2.0 m chip of coarse grained quartz-biotite porphyritic granite. Consists of 5% quartz veins, generally oriented 115/80° N. Biggest two veins are 8 cm and 5 cm wide, with narrow rusty bands in central area. This location corresponds with a 'showing' here in historic work. Left bank of stream.			
404005a	353611	6677990	
Composite grab taken from quartz vein material only. Mainly the 8 cm and 5 cm veins here. Left bank.			
404006	353611	6677990	
2.0 m chip of slightly rusty granite with 0.5% quartz veining. Veins are up to 3 mm wide. Left bank.			
404007	353611	6677990	
2.3 m chip of slightly rusty granite with 0.5% quartz veining. A few 1 mm quartz veinlets are parallel. Left bank. Soil sample 404008 taken 2 m up the bank from here. Stream sediment sample taken here.			
404010	353611	6677990	
Composite grab from quartz boulders on right bank of stream. Rusty fractures. Soil sample 404011 taken here.			
404012	353780	6677624	1454 m
Grab of float. Quartz vein up to 5 cm wide attached to silicified siltstone. No rust.			
404015	353749	6677389	
Grab of typical coarse grained granite here for character determination. Weakly rusty on fractures.			
404016	353928	6677625	
Grab of float. Quartz attached to meta sandstone. Source appears to be at head of this stream.			

404016a      353928      6677625  
Diopside skarn in quartzite. Dark rock. MnO<sub>2</sub>. Rusty. Same area as sample 404016.

404032      353346      6677581      1446 m  
Grab from 30 cm wide basalt dike for character determination. Dike orientation is 22/0°. Left bank of stream. Soil sample 404031 taken here.

404033  
30-40m further up creek from sample 404032. Composite grab of several small quartz veins. A few scattered 1 cm vuggy veins on left bank. These veins are small and far apart, insignificant. Black metal particles in vein centres may be cassiterite? This location corresponds with a 'showing' here in historic work.

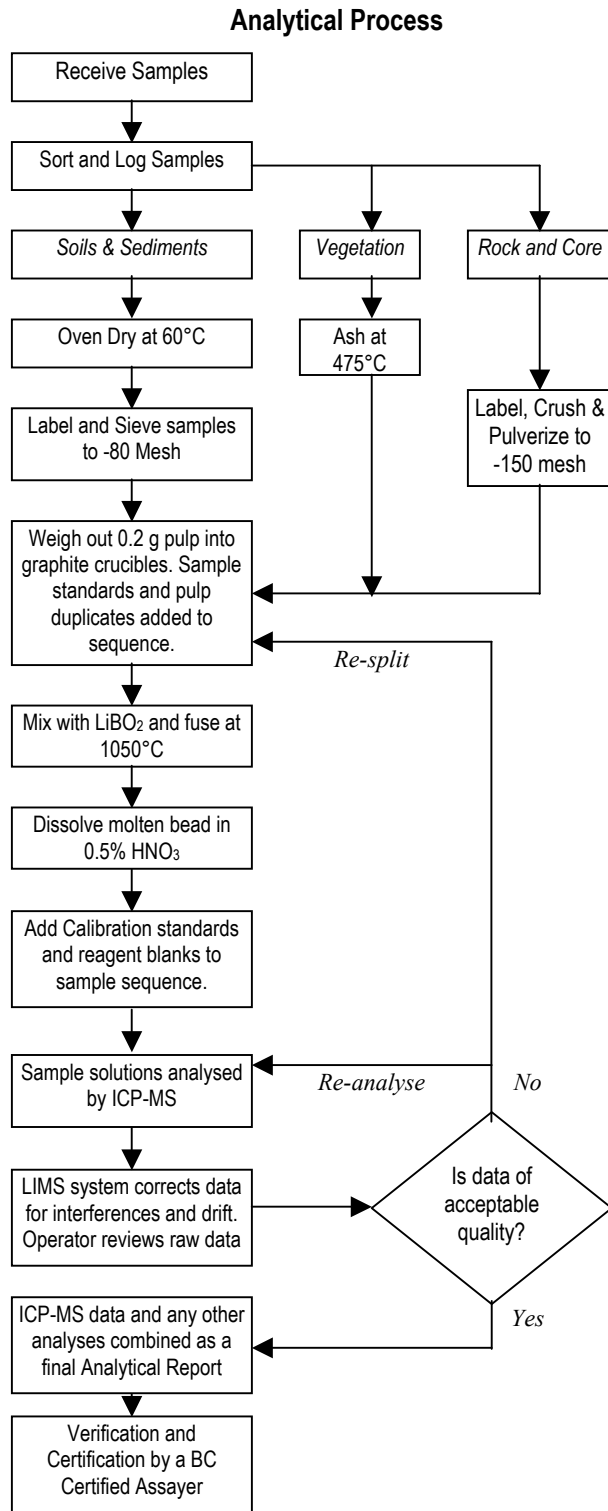
404034  
Grab of typical granite for character determination. Stream sediment sample 404035 taken here may be contaminated by local soil.

**APPENDIX B**  
**ANALYTICAL METHODS**

---



## METHODS AND SPECIFICATIONS FOR ANALYTICAL PACKAGE GROUP 4B - WHOLE ROCK TRACE ELEMENTS BY ICP-MS



### Comments

#### Sample Preparation

All samples are dried at 60°C. Soil and sediment are sieved to -80 mesh (-177 µm). Moss-mats are disaggregated then sieved to yield -80 mesh sediment. Vegetation is pulverized or ashed (475°C). Rock and drill core is jaw crushed to 70% passing 10 mesh (2 mm), a 250 g riffle split is then pulverized to 95% passing 150 mesh (100 µm) in a mild-steel ring-and-puck mill.

#### Sample Digestion

A 0.2 g samples aliquot is weighed into a graphite crucible and mixed with 1.5 g of LiBO<sub>2</sub> flux. The flux/sample charge is heated in a muffle furnace for 15 minutes at 1050°C. The molten mixture is removed and immediately poured into 100 mL of 5% HNO<sub>3</sub> (ACS grade nitric acid in de-mineralised water). The solution is shaken for 2 hours then an aliquot is poured into a polypropylene test tube. Calibration standards, verification standards and reagent blanks are added to the sample sequence.

#### Sample Analysis

Sample solutions are aspirated into an ICP mass spectrometer (Perkin-Elmer Elan 6000 or 9000) for the determination of the basic package consisting of the following 34 elements: Ba, Co, Cs, Ga, Hf, Nb, Rb, Sn, Sr, Ta, Th, Ti, U, V, W, Y, Zr, La, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb and Lu. A second sample split of 0.5 g is digested in Aqua Regia and analysed by ICP-MS (see Group 1DX) to determine: Au, Ag, As, Bi, Cd, Cu, Hg, Mo, Ni, Pb, Sb, Se, Tl and Zn.

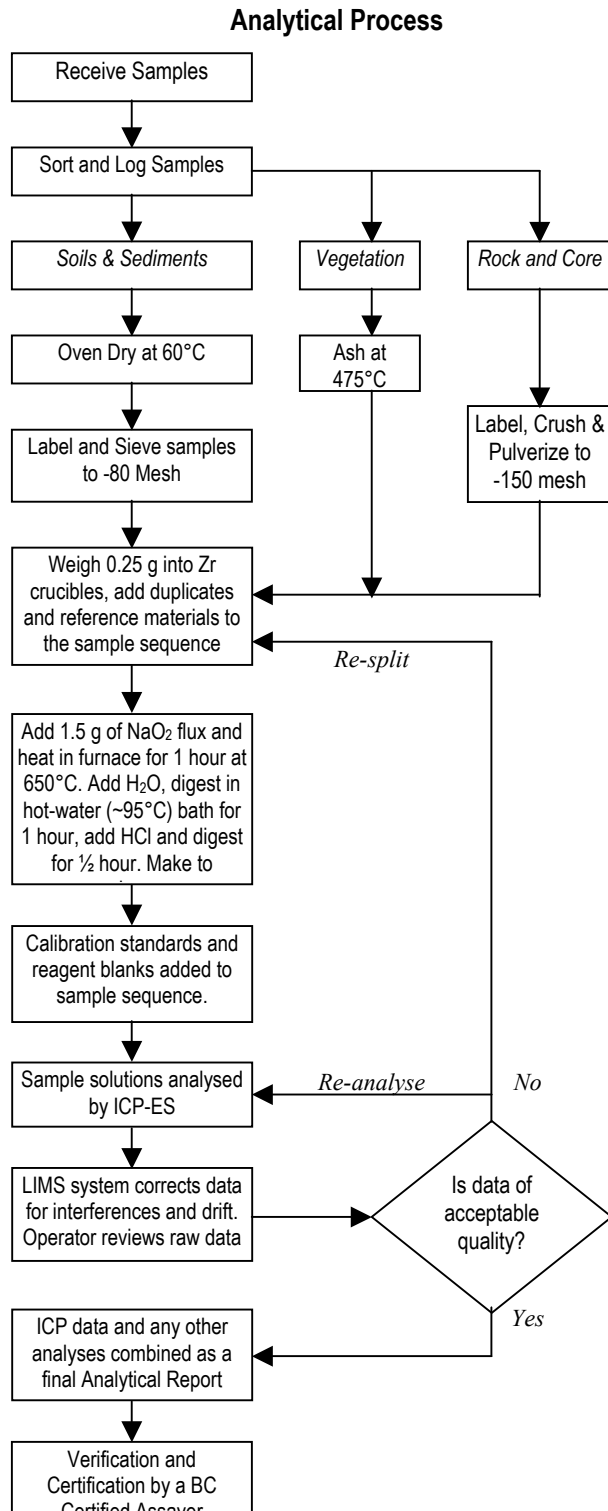
#### Quality Control and Data Verification

An Analytical Batch (1 page) comprises 34 samples. QA/QC protocol incorporates a sample-prep blank (SI or G-1) carried through all stages of preparation and analysis as the first sample, a pulp duplicate to monitor analytical precision, a -10 mesh rejects duplicate to monitor sub-sampling variation (drill core only), two reagent blanks to measure background and aliquots of in-house Standard Reference Materials like STD SO-18 to monitor accuracy. STD SO-18 was certified in-house against Certified Reference Materials including CANMET SY-4 and USGS AGV-2, G-2, BCR-2 and W-2.

Raw and final data undergo a final verification by a British Columbia Certified Assayer who signs the Analytical Report before it is released to the client. Chief Assayer is Clarence Leong, other certified assayers are Leo Arciaga Marcus Lau, Jacky Wang and Ken Kwok.



## METHODS AND SPECIFICATIONS FOR ANALYTICAL PACKAGE GROUP 7PF – MULTI-ELEMENT ASSAY BY ICP-ES • NaO<sub>2</sub> FUSION DIGESTION



### Comments

#### Sample Preparation

All samples are dried at 60°C. Soil and sediment are sieved to -80 mesh (-177 µm). Moss-mats are disaggregated then sieved to yield -80 mesh sediment. Vegetation is pulverized or ashed (475°C). Rock and drill core is jaw crushed to 70% passing 10 mesh (2 mm), a 250 g riffle split is then pulverized to 95% passing 150 mesh (100 µm) in a mild-steel ring-and-puck mill. Pulp splits of 0.25 g are weighed into zirconium crucibles.

#### Sample Digestion

Sodium peroxide flux (1.5 g) is stirred into the sample and the mix is fused at 650°C for 1 hour. After cooling, 50 mL of Type 1 water is added and heated for 1 hour in a boiling-water bath (~95°C). A 10 mL aliquot of concentrated HCl is added and the solution is digested for an additional ½ hour at 95°C. The solution is cooled and made up to volume in a plastic graduated cylinder using Type 1 water. Solutions (10 mL aliquots) are transferred to plastic test tubes prior to analysis.

#### Sample Analysis

Solutions aspirated into a Jarrel Ash Atomcomp model 800 or 975 ICP atomic-emission spectrometer are analysed for a 5 element package comprising: B, Cr, Fe, Sn and W.

#### Quality Control and Data Verification

An Analytical Batch (1 page) comprises 30 samples. QA/QC protocol incorporates a sample-prep blank (SI or G-1) carried through all stages of preparation and analysis as the first sample, a pulp duplicate to monitor analytical precision, a -10 mesh rejects duplicate to monitor sub-sampling variation (drill core only) and aliquots of reference materials including in-house standards LiB-10, W-4 and Cr-1 also CANMET certified reference material MP-1a to monitor accuracy.

Raw and final data undergo a final verification by a British Columbia Certified Assayer who signs the Analytical Report before it is released to the client. Chief Assayer is Clarence Leong, other certified assayers are Leo Arciaga, Ken Kwok, Marcus Lau, Dean Toye and Jacky Wang.

**APPENDIX C**  
**ANALYTICAL DATA**

---

**SEAGULL ROCK SAMPLING - 2006**

Certificate Number	Sample Name	UTM (NAD 83)		Width (metres)	Sn %	W %	B %	Cr %	Cu %	Fe %	Nb %	Ni %	Ta %	Zn %
		Easting	Northing											
<b>SMART Property Samples</b>														
A605250.csv	404001	353617	6677953	0.35	<.01	<.01	<.01	0.01	0.01	3.52	<.01	<.01	<.01	0.08
A605250.csv	404002	353617	6677953	0.25	<.01	<.01	<.01	0.01	<.01	1.72	<.01	<.01	<.01	0.02
A605250.csv	404003	353617	6677953	1	<.01	<.01	<.01	0.01	<.01	1.13	<.01	<.01	<.01	0.01
A605250.csv	404005	353611	6677990	2	<.01	<.01	<.01	0.02	0.01	0.53	<.01	<.01	<.01	<.01
A605250.csv	404005a	353611	6677990	grab	<.01	<.01	<.01	0.01	<.01	0.58	<.01	<.01	<.01	<.01
A605250.csv	404006	353611	6677990	2	<.01	0.01	<.01	0.01	<.01	0.82	<.01	<.01	<.01	0.01
A605250.csv	404007	353611	6677990	2.3	0.01	<.01	0.01	0.01	<.01	0.85	<.01	<.01	<.01	<.01
A605250.csv	404010	353611	6677990	grab	<.01	<.01	<.01	0.01	<.01	0.5	<.01	<.01	<.01	<.01
A605250.csv	404012	353780	6677624	grab	0.01	<.01	0.01	0.02	<.01	1.49	<.01	<.01	<.01	<.01
A605250.csv	404015	353749	6677389	grab	<.01	0.01	<.01	0.01	<.01	1.24	<.01	<.01	<.01	0.05
A605250.csv	404016	353928	6677625	grab	<.01	<.01	0.02	0.01	0.01	1.3	<.01	<.01	<.01	0.01
A605250.csv	404016a	353928	6677625	grab	0.17	0.01	<.01	0.01	<.01	3.97	<.01	<.01	<.01	0.14
A605250.csv	404032	353346	6677581	grab	0.01	<.01	<.01	0.02	<.01	6.99	<.01	<.01	<.01	0.16
A605250.csv	404033			grab	0.91	0.01	<.01	0.01	<.01	1.04	<.01	<.01	<.01	0.53
A605250.csv	404034			grab	0.07	<.01	0.01	0.01	<.01	1.27	<.01	<.01	<.01	<.01

Note:

Sn values    Zn values

0.5 - 0.99%    0.5 - 0.99%

0.1 - 0.49%



SEAGULL STREAM and SOIL SAMPLING 2006

Certificate Number	Sample Name	UTM (NAD 83)		Sn	W	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	Hg	Tl	Se	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sr	Ta	Th	U	V	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu
		Easting	Northing	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
A605248.csv	100E 550N			101	6.9	1.3	1.6	20	98	1.3	1.6	0.7	0.2	6.6	0.1	2.5	0.01	0.3	<.5	352	21	2.1	10.1	28.1	16.2	72.6	304	95.5	9.4	35.3	13.1	30	446	40.4	95.9	206	20.9	68.5	11	0.3	7.98	1.56	8.01	1.37	4.52	0.69	4.83	0.76
A605248.csv	100E 600N			92	7.1	0.8	1.9	16.1	52	1.1	1.4	0.3	0.3	4.5	0.1	0.7	0.02	0.2	<.5	218	11	0.7	6.7	26.7	15	53.8	268	43.4	5.2	30.4	8.9	31	389	31.6	70.7	157	16	49.9	8.1	0.22	5.73	1.12	5.38	1.01	3.65	0.57	4.09	0.62
A605248.csv	100E 650N			136	7.1	0.9	3.6	8.7	84	1.6	4	0.1	0.5	3.5	0.1	1	0.01	0.2	<.5	248	16	1.8	8.2	33.2	13.7	61.9	310	39.9	5.6	33.5	8.9	51	403	32.8	74.6	166	17.1	53.3	8.2	0.21	5.69	1.22	6.56	1.18	3.81	0.62	4.29	0.64
A605248.csv	100E 700N			101	7.4	0.7	2.4	11.8	29	1.1	1.1	0.1	0.4	2.3	0.2	0.9	0.01	0.2	<.5	407	10	1.9	6.5	26.4	24.7	65.6	213	88.5	6.1	39.7	11.5	59	652	40.3	81.5	183	18.7	57.9	9.4	0.43	6.73	1.26	7.04	1.28	4.6	0.73	5.02	0.87
A605248.csv	100E 750N			136	7.8	0.8	1.8	11.4	19	0.8	1.1	<.1	0.5	4.5	<.1	<.5	0.01	0.2	<.5	358	7	1.3	5.1	30.3	16.4	60.6	226	59.5	5.9	45	8.9	50	445	31.8	82.7	179	18.6	58.4	8.4	0.4	5.79	1.04	5.22	1.08	3.59	0.53	3.65	0.6
A605248.csv	100E 800N			334	8.3	1.3	1.2	4.6	20	0.6	1.8	0.1	0.3	1	0.1	0.7	0.01	0.2	<.5	249	11	1.1	6.5	28.9	20.4	71.9	275	50.9	8	49.5	11.4	34	543	37.5	104	225	22.9	69.3	12.2	0.23	7.93	1.38	6.66	1.26	4.36	0.61	5.1	0.78
A605248.csv	100E 850N			25	5	1.4	7.4	21.8	43	5	4.8	<.1	0.7	3.5	0.1	6.5	0.01	0.2	<.5	533	3	3.3	6	25.9	10.6	40.7	111	94.2	3.8	14.6	5.1	138	336	23.4	38.5	87.8	9.08	30.4	4.9	0.4	3.9	0.77	4.04	0.74	2.4	0.38	2.51	0.41
A605248.csv	100E 900N			79	7.2	3.3	10.5	65.9	338	7.2	8.9	0.7	0.4	8.2	0.3	24.2	0.02	0.4	<.5	345	11	4.5	11.8	27.8	11.9	60.1	301	61.9	5.8	60.4	15.6	45	334	47.8	85.8	186	20.2	61.4	11.3	0.29	9.85	1.84	9.6	1.63	5.44	0.83	5.76	0.83
A605248.csv	100W 500N	353 165	6 678 301	13	2.4	0.8	4.5	12.6	37	3.8	2.4	0.1	0.4	1	0.2	<.5	0.03	0.2	<.5	675	2	4.6	6.7	17.6	4.5	18.1	88.2	374	1.6	16.1	7.6	53	170	22.5	29.8	65.2	6.84	23	4.1	0.5	3.68	0.69	3.82	0.68	2.1	0.31	1.56	0.32
A605248.csv	100W 550N			77	3.3	1.2	3.6	7.4	16	5.3	<.5	<.1	0.4	0.8	<.1	0.5	0.01	0.1	<.5	501	2	5.4	2.4	17.7	8.6	46.8	56.4	225	3.3	8	3.4	111	378	19.8	29.3	61.7	6.48	22.5	3.5	0.84	2.75	0.57	3.1	0.61	1.98	0.35	2.25	0.36
A605248.csv	100W 600N			74	3.7	0.8	3.6	13	24	2.1	3.5	<.1	0.6	1.8	0.2	<.5	0.01	0.1	<.5	669	2	3.2	3.9	21	8.4	31.7	90.8	219	2.3	13.4	3.8	79	308	17.9	26.7	57.9	6.03	20.1	3.8	0.54	3.09	0.61	2.66	0.58	1.89	0.3	2.13	0.36
A605248.csv	100W 650N			59	11.1	5.2	22.3	51.9	257	21.4	28.2	0.4	1	4.6	1.3	2.5	0.12	0.5	0.7	432	10	13.5	14.6	22.7	4.8	36.1	125	103	3.1	92.7	34.4	103	163	118	74.4	187	21.8	81.8	18.9	0.71	18.5	3.9	20.1	4.03	11.5	1.75	11	1.42
A605248.csv	100W 700N			68	5.7	4.1	23.6	28.9	274	22.3	23.5	0.4	0.9	3.5	1.6	2	0.17	0.5	1	401	11	10.2	11.6	18	5.6	33.6	130	123	2.8	95.8	44.6	71	177	125	73.8	187	22.4	82.6	20.1	0.86	21.1	4.55	23.6	4.33	13	1.96	11.8	1.51
A605248.csv	100W 750N			247	12.5	3.2	20.1	70.7	329	23.1	22.6	0.4	0.9	6.4	0.7	2.1	0.07	0.8	<.5	473	11	12.7	14.2	21.7	11.7	55.8	188	100	5.5	102	31.8	107	333	108	82.1	218	22.3	88.9	20	0.65	16.4	3.69	19.6	3.61	10.5	1.57	9.17	1.21
A605248.csv	100W 800N			50	4.6	0.5	23.5	53	280	14.7	3.6	1.6	0.7	4.6	2	3.3	0.21	0.6	0.5	384	5	4.5	11.3	21.9	4.7	47.2	147	79.8	4.9	117	30.9	44	121	99.1	64.2	107	19.4	81.9	19.7	0.48	19	3.56	19.8	3.38	9.68	1.41	8.45	1.04
A605248.csv	100W 850N			48	3.5	1.6	10.6	35.5	175	13.8	5.6	0.4	0.5	3.2	0.2	0.6	0.03	0.3	<.5	580	8	8.4	10.4	19.4	7.7	39.6	187	139	3.5	32	9.6	82	233	40.3	43.7	99.2	10.7	41	7.7	0.51	6.04	1.16	6.93	1.31	4.26	0.65	4.18	0.47
A605248.csv	100W 900N			31	2.6	0.7	17.9	13.4	99	21.2	4.8	0.3	0.5	0.8	<.1	1	0.02	0.1	<.5	791	3	12.1	3.9	14.7	6.6	22.1	101	222	1.8	13.8	4.3	106	196	31.8	29.8	68.9	8.01	30.5	6.6	0.74	5.11	1	5.67	1.1	3.28	0.47	3.16	0.47
A605248.csv	200W 500N	352 940	6 678 288	14	4.8	1.2	16	16.3	84	10.7	25.4	0.6	1	1.4	0.1	0.7	0.02	0.2	<.5	727	2	7.7	8.4	15.7	6.3	25.6	105	209	1.8	10.1	3.6	111	210	27.9	24.6	61.6	6.44	27.7	5.3	0.76	4.15	0.73	4.33	0.82	2.88	0.43	2.74	0.35
A605248.csv	200W 550N			46	10.4	1.1	12	20.9	85	12	38.4	0.2	0.7	2.2	<.1	<.5	0.01	0.3	<.5	583	5	7.7	12.7	21.6	9.1	43.3	156	139	3.8	19.1	5.4	107	279	31.7	31.7	82.4	7.63	28.1	5.5	0.71	3.97	0.73	4.79	0.95	3.18	0.5	3.01	0.43
A605248.csv	200W 600N			48	5.8	0.6	2.2	18.4	10	1.3	2.5	<.1	0.7	3.6	<.1	0.5	0.01	0.2	<.5	582	4	2.6	6.3	21.5	12.4	37.9	143	129	3.4	17.2	4.9	66	355	28.7	27.4	66.8	6.64	24.3	4.4	0.48	3.58	0.69	5	0.92	3.07	4.7	3.41	0.51
A605248.csv	200W 650N			29	3.1	1.2	10.8	21.8	46	10.2	10.1	0.1	0.9	2.2	0.1	<.5	0.03	0.2	<.5	646	2	6.3	7.5	17.4	5.2	23.5	75.1	106	1.7	10.6	2.9	134	185	21.9	20.7	50.4	5.55	20.2	3.9	0.54	3.08	0.63	3.63	0.73	2.02	0.34	2.12	0.29
A605248.csv	200W 700N			42	4.8	1.1	3.3	27.1	18	2.2	1.7	<.1	0.9	2.9	<.1	0.5	0.01	0.1	<.5	623	4	2.9	5.6	19.8	8.5	39.8	89.7	124	3.1	9.6	3.5	94	316	22	24.5	56.7	5.88	23.1	4.1	0.53	2.97	0.58	3.2	0.68	2.23	0.36	2.33	0.34
A605248.csv	200W 750N			14	4.9	2.5	21.8	27.5	160	21.5	57.8	0.7	0.7	2	0.7	0.7	0.04	0.3	0.9	537	3	11.6	8.1	14	3.6	15.6	60.8	264	1.2	11.2	28.3	95	134	43.5	39.9	52.7	11	45.4	9.7	0.94	7.96	1.34	7.43	1.32	3.63	0.55	2.9	0.45
A605248.csv	200W 800N			109	4.9	1.5	21.7	25.5	189	21.9	21	0.3	1	3.8	<.1	1.2	0.02	0.5	<.5	465	9	10.6	12.9	24.1	8.1	44.6	208	78.4	4.2	30.8	8.3	102	223	35	38.8	106	8.96	34	6.5	0.53	5.11	0.99	6.2	1.19	3.9	0.62	3.96	0.53
A605248.csv	200W 850N			64	22.4	1	7.5	21.1	53	7.8	5.6	0.2	0.6	2.7	0.1	0.9	0.03	0.2	<.5	549	5	3.5	7	20	8.4	36.1	153	97.7	3.1	16	4.7	73	269	21.4	30.3	68.7	7.07	26.5	4.7	0.31	3.51	0.58	3.89	0.69	2.44	0.39	2.36	0.34
A605248.csv	200W 900N			136	5.6	0.8	0.7	8.6	6	0.4	0.8	<.1	0.3	1.8	<.1	5.9	<.01	0.1	<.5	365	5	1.4	4.3	18.2	13.3	39.3	199	92.8	3.7	14.7	5.1	35	340	22.4	40.4	92.1	9.1	30.1	4.9	0.4	3.36	0.62	4.01	0.71	2.63	0.44	2.86	0.44
A605248.csv	404101	353 404	6 677 615	662	11.9	1.7	52.1	48.7	723	37.5	44.6	1.8	1.2	25.9	0.5	3.2	0.04	0.5	0.5	575	15	31	22.3	22.2	4.9	31.4	106	178	2.3	35.5	17	187	156	68.9	52.9	187	13.7	54.2	11.4	0.95	9.34	1.73	12.1	2.24	6.77	1.02	6.16	0.84
A605248.csv	404102			68	5	3.3	8.4	34.1	122	4.5	17.7	0.9	1	4.1	0.1	1.9	0.03	0.2	0.5	436	10	3.5	10.6	19.9	8.7	44.4	151	144	4.2	29.9	15.3	71	242	48.9	41.3	91.3	9.7	34.2	6.9	0.42								

## APPENDIX D

Minfile No. 105B 086

### Capsule History & Geology for Seagull Property (current name)

from Yukon Minfile, Yukon Geological Survey

---

**MINFILE:** 105B 086  
**UPDATED:** 2005/02/09  
**YUKON MINFILE, YUKON GEOLOGICAL SURVEY, WHITEHORSE**  
**MINFILE:** 105B 086 NTS  
**MAP SHEET:** 105B\4  
**NAME:** CUSP  
**LATITUDE:** 60° 12' 46" N      **LONGITUDE:** 131° 39' 7" W  
**STATUS:** DRILLED PROSPECT  
**TECTONIC ELEMENT:** YUKON-TANANA TERRANE  
**DEPOSIT TYPE:** SN VEINS AND GREISENS  
**OTHER NAME(S):**  
**MAJOR COMMODITIES:** TIN  
**MINOR COMMODITIES:** ZINC, TUNGSTEN  
**TRACE COMMODITIES:** GEMSTONES, BERYL  
**CLAIMS (PREVIOUS):** DU, M.C., ZINC

#### WORK HISTORY

Staked as part of a large block of DU claims (1-239, YA28903) between June and Jul/78 by the Klinkit Joint Venture (DuPont of Canada Exploration Limited & Duval International Corporation), which explored with detailed geological mapping and geochemical sampling in 1978 and 1979 and hand trenching in 1979. In 1980 the joint venture drilled 3 diamond drill holes (600 m) followed by 2 diamond drill holes (314 m) in 1981.

The DC Syndicate (Dome Mines Limited & Cominco Limited) tied on Zinc cl 1-16 (YA33021) to the west in Jun/78 and performed geological mapping and geochemical sampling later in the year. The DuPont interest was transferred to CSA Minerals Inc in 1984 and to Goldsearch Inc in 1985.

I. Elash and Tanana Exploration Inc staked M.C. cl 1-2 (YB93288) in Jul/2001, 1.5 km southeast of the "A" occurrence. Elash and Tanana Exploration carried out hand trenching later in the month. The claims were optioned to Strategic Metals Ltd in Aug/2002 which carried out a small hand trenching and prospecting program later in the month. Strategic dropped the option in Nov/2003 and returned the claims to Elash and Tanana Exploration Inc.

#### GEOLOGY

The area is located in the northeast corner of topographic map sheet 105B 04 and has been remapped by the Ancient Pacific Margin NATMAP Project (Roots et al., 2004). Cassiterite occurs in a quartz fracture stockwork cutting a flat aplite dyke near the ceiling of the Early Cretaceous Seagull batholith and in a small hornfelsed roof pendant of Permian and older clastic rocks (unit CPf) belonging to the Klinkit Group. The Klinkit rocks lie within the Yukon Tanana Terrane but overlie several of the pericratonic metasediments and metavolcanic assemblages (specifically the Big Salmon Complex and the Swift River Group/Dorsey Complex) and are thus considered by Roots to be a post-amalgamation overlap succession.

The 1980 drilling tested a large zone of greisen alteration from which specimens have assayed about 0.5% Sn. Drilling intersected arsenopyrite, galena, pyrite, magnetite, cassiterite, fluorite and tourmaline in three zones. The best intersections were two 1 m intervals assaying 0.4 and 0.2% Sn.

Talus containing sphalerite, galena, chalcopyrite, fluorite and axinite was found near the southeast boundary of the Zinc claims. Prospecting traced the mineralization to small calc silicate zones associated with a limestone unit at the margin of the Early Cretaceous Seagull Batholith. The talus appeared to originate from the same calc silicate zones tested by the Klinkit Joint Venture's 1980 drilling program.

Hand trenching conducted by Elash and Tanana Exploration in 2001 exposed a 20 m section of strongly clay and epidote altered granite containing a partially exposed lens of aggregate intergrown beryl crystals in a saddle between two ridges. Strategic Metals extended the original trench and effectively excavated the beryl lens which measures approximately 80 by 50 by 40 cm in size. An additional lens was exposed 5 m to the south.

The beryl mineralization appears to be associated with multiple acute fault structures that also contain clear quartz flooding and veining. Most of the beryl extracted consists of clear, milky white or pale blue crystal aggregates. Some crystals are up to 7 cm long and 3 cm in diameter, however very few could be segregated without severe damage.

Strategic dug two additional trenches, one on either side of the main trench. The westerly trench encountered beryl float in the upper part of the talus profile but this is believed to be float dispersed down hill from the main showing. Prospecting further along strike to the west discovered a small amount of beryl float which is also believed to originate from the main showing. No mineralization was found in the easterly trench. South of the main trench prospecting uncovered quartz vein float and float trains which measure up to 25 cm wide and contain 2 to 15 cm vugs and cavities hosting perfectly terminated clear to white quartz crystals and rarer green and purple crystalline fluorite.

Strategic Metals felt that since the beryl was hosted within the granite and not on the outer edge where beryllium rich fluids can react with metasedimentary and metavolcanic wall rocks and scavenge sufficient chromium or vanadium, the claims held little potential for emerald mineralization.

## **REFERENCES**

DC SYNDICATE, May/78. Assessment Report #090457 by J.C. Stephen.

DC SYNDICATE, Apr/81. Assessment Report #090778 by J.C. Stephen.

DU PONT OF CANADA EXPLORATION LTD, May/80. Assessment Report #090557 by F.M. Smith.

DU PONT OF CANADA EXPLORATION LTD, Jan/81. Assessment Report #090714 by F.M. Smith.

DU PONT OF CANADA EXPLORATION LTD, Feb/82. Assessment Report #090971 by Unknown.

GEOLOGICAL SURVEY OF CANADA, Paper 79-1A, p. 264-266.

KLINKIT JOINT VENTURE, Jun/79. Assessment Report #090470 by F.M. Smith.

MINERAL INDUSTRY REPORT, 1978, p. 58-59.

ROOTS, C.F., DE KEIJZER, M. AND NELSON, J.L., 2000. Wolf Lake project: Revision mapping of Dorsey Terrane assemblages in the upper Swift River area, southern Yukon and northern B.C. In: Yukon Exploration and Geology 1999, D.S. Emond and L.H. Weston (eds.), Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, p. 115-125.

ROOTS, C., NELSON, J., MIHALYNUK, M., HARMS, T., DE KEIJZER, M. AND SIMARD, R-L. 2004: Bedrock Geology Dorsey Lake, Yukon Territory: Yukon Geological Survey, Open File 2004-2, scale 1:50 000.

STRATEGIC METALS LTD, Dec/2002. Assessment Report #094348 by W.A. Wengzynowski.

YUKON EXPLORATION AND GEOLOGY 1981, p. 99.

YUKON GEOLOGY AND EXPLORATION 1979-80, p. 151, 158.

**APPENDIX E**  
**REFERENCES**

---

**Ass. Rpt. # 090457**

Geological, Geochemical Report on the ZINC 1-16 Mineral Claims by JC Stephen.  
Owner = DC Syndicate. Operator = JC Stephen Exploration.  
Work = Mapping, rock and soil sampling (229 soils & talus). Work done June-August 1978.

**Ass. Rpt. # 090557**

Klinkit Joint Venture, 1979 Field Program by FM Smith.  
Owners = Duval Mining and Du Pont of Canada  
Relevant portions of this report are:  
Report of Geological and Geochemical Surveys on DU Project by G Ditson and G Mato.  
Work on DU = Mapping, petrographic, rock sampling.  
Report of Geological and Geochemical Surveys on SLIP Project by G Ditson, G Mato and FM Smith.  
Work on SLIP = Mapping, petrographic, rock sampling.

**Ass. Rpt. # 090778**

Survey and Sampling Work on the Zinc 1-16 Mineral Claims by JC Stephen.  
Owner = DC Syndicate. Operator = JC Stephen Exploration.  
Work = Mapping, rock and soil sampling, ground magnetometer. Work done August, 1980.

Roots, J. Nelson, M. Mihalynuk, T. Harms, M. de Keijzer and R.-L. Simard  
Bedrock Geology, Dorsey Lake (NTS 105B/4), southern Yukon (1:50,000 scale), Geological Survey of Canada Open File 4630 and Yukon Geological Survey Open File 2004-2

Yukon MINFILE - 105B - Wolf Lake, 2005 - R. Deklerk and S. Traynor (compilers),  
Scale: 1:250,000 map, Yukon Minfile 105B 086

**APPENDIX F**  
**SEAGULL PROPERTY**  
**STATEMENT OF EXPENDITURES**

---

**Personnel:**

Rein Turna, P.Geo. July 17, 18, 23 3 days @ \$450 / day	1350.00
Blake Henwood, senior assistant July 17, 18, 23, 3 days @ \$225 / day	675.00
Ryan Turna, assistant July 17, 18, 23 3 days @ \$150 / day	450.00
Chris Erdman, assistant July 18, 23, 2 days @ \$150 / day	300.00
Tom Stridslund, assistant July 18, 23, 2 days @ \$150 / day	300.00

**Travel:**

<b>Hotel</b>	347.86
<b>Meals</b>	178.47
<b>Taxi</b>	41.40

**Aircraft:**

Trans North Helicopters, Watson Lake, Yukon	16,807.47
---------------------------------------------	-----------

**Field Equipment:**

249.91

**Communication:**

Radios & Satellite phone (Alltypes Headset Services Co., North Vancouver, BC)	206.36
----------------------------------------------------------------------------------	--------

**Shipping:**

100.00

**Analytical Costs:**

<b>ACME Analytical Lab., Vancouver, B.C.</b>	
15 rocks @ 26.65 each (10 elements)	399.75
111 soils/streams @ 33.25 each (45 elements)	3,690.75

**Report Compilation:**

Labour (Authoring/Drafting)	2,700.00
-----------------------------	----------

**TOTAL: 27,797.36**

**APPENDIX G**  
**STATEMENT OF QUALIFICATIONS**

---

I, Rein Turna, of the City of West Vancouver, British Columbia, hereby certify that:

1. I am a graduate of the University of British Columbia with a B.Sc. in Geological Sciences granted in 1975.
2. I am a registered member of the Professional Engineers and Geoscientists of British Columbia.
3. I have worked as a geologist in western and northern Canada since 1975.
4. I carried out or supervised the work described in this report.

R. Turna, P.Geol.

September 25, 2006