

**YEIP  
2000-  
013  
2000**

**GEOLOGICAL AND GEOCHEMICAL REPORT  
ON THE  
SWAN LAKE**

**INTRUSION-RELATED GOLD TARGET  
EAST CENTRAL YUKON TERRITORY  
Designation Number: 00-013**

**MAYO MINING DISTRICT**

**NTS:  
105N/10,11**

**Latitude: 63° 35' North  
Longitude: 132° 52' West**

**CLAIMS**

**Got It  
Gotcha  
Big Time**

**Work Conducted: 12-16 August 2000**

**For:**

**Greg White c/o  
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**By:**

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**December 2000**

## **SUMMARY**

Prospector International's Swan Lake field program during August 12-16, 2000 was conducted by a field crew complement of four and consisted of predominantly silt sampling and reconnaissance soil sampling, as well as, limited geological mapping. Work was conducted on four separate claim blocks: North Got It, South Got It, North Gotcha and South Gotcha. The number of samples collected on these claim blocks totaled 184. The aim of the Swan Lake program was to conduct initial stage exploration in order to identify gold targets that warrant further work.

The property is located in the Mayo Mining District, Yukon Territory, on N.T.S. map sheets 105N/10,11. The center of the property is located at latitude 63 35' N and longitude 132 52' W. Access to the property can be gained by floatplane based out of Faro, Yukon, 160 km to the south. Alternatively, helicopters are available in Mayo or Ross River, Yukon.

Results from the field program include weak gold in silt anomalies on the South Gotcha claims and a weak silver, zinc, copper and molybdenum soil anomaly on the South Got It claims. Rock samples did not yield anomalous values. Due to the low magnitude of the anomalies, no further work on the Swan Lake property is recommended at this time.

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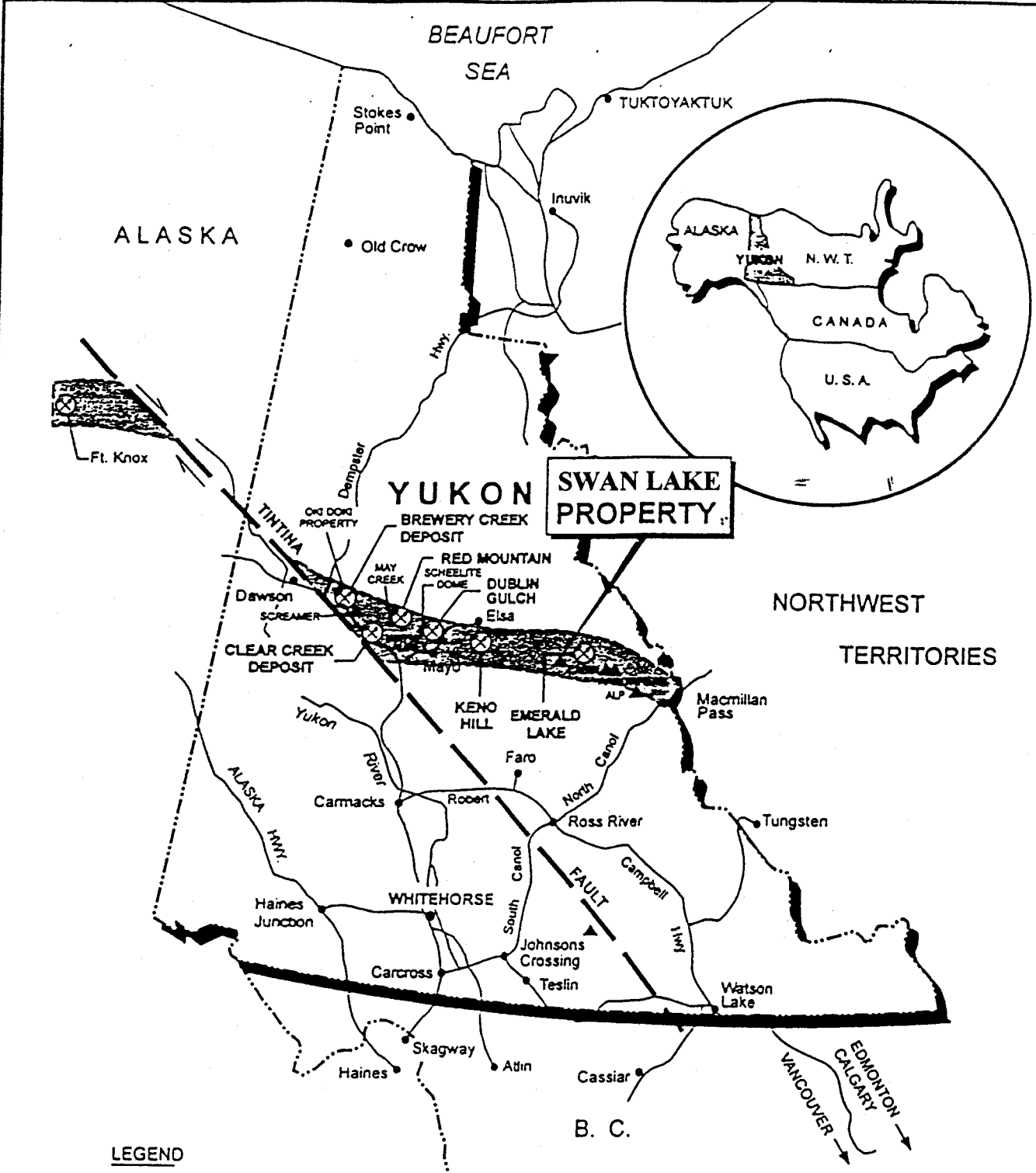
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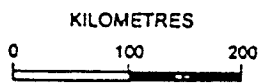
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**LEGEND**

-  TOMBSTONE SUITE PLUTONIC BELT
-  MINING OR DEVELOPMENT PROJECTS
-  PRECIOUS METAL EXPLORATION PROJECTS



<b>SWAN LAKE PROPERTY</b>		
YUKON TERRITORY		
<b>LOCATION MAP</b>		
DATE: NOVEMBER 2000	SCALE: AS SHOWN	FIGURE NO. 1

## **AUTHOR'S NOTE**

The following report is a summary of a five-day field program conducted by Prospector International from August 12-16, 2000 on the Swan Lake property, East central Yukon Territory. The authors of this report were present at the property during the entire duration of the field program. Weather conditions did not inhibit proper field inspection and/or sample collection during the program.

Pertinent historic and background information regarding the Swan Lake property summarized in this report, was referenced primarily from a report titled "Summary Report on the Norex Syndicate Claims, Mayo Mining District, Yukon Territory", by Brain D. Game (March 1998).

## **INTRODUCTION**

The Swan Lake property is located approximately 145 kilometres east of Mayo, Yukon Territory in the Mayo Mining District. It is accessible by floatplane and helicopter only.

The 4284.5-hectare property is situated within the Selwyn Basin, which forms part of ancestral North America. Lithologies within the Selwyn Basin are late Proterozoic to Mississippian in age. Stratigraphy within the Swan Lake project area consists of primarily of Devonian-Mississippian Earn Group and to a lesser extent the Gull Lake Formation, Road River Group, Keno Hill Quartzite, TsiChu Group and Mount Christie and Jones Lake formations.

Sedimentary lithologies of the Selwyn Basin are intruded by granitoid dykes, sills, plugs and stocks of the Tombstone Plutonic Suite. This series of intrusions extends from Tungsten in the Northwest Territories to Fairbanks in Alaska. Intrusions of the Tombstone Suite are noted for their potential to host intrusion related gold deposits such as Fort Knox, Dublin Gulch and Brewery Creek.

Exploration work carried out in the project area during 1991 and 1992 consisted of prospecting, geological mapping and geochemical sampling for the purpose of locating intrusion-related gold mineralization and massive sulphide deposits. Although initial results were encouraging, no further documented work was conducted until 1997 when Viceroy Resources staked the Lightning and Tempest claims to partially cover areas of interest generated by earlier work. Several target areas remained open around Viceroy's property. The Norex Syndicate project claims were staked in March 1998 to cover these areas. NovaGold Resources optioned Viceroy's claims in early 1999. The Lightning and Tempest claims were let to lapse as of September 2, 2000.

## **INTRUSION-RELATED GOLD MINERALIZATION**

Intrusion-related gold mineralization is defined by its distinct association with reduced, I-type, calc-alkalic and/or alkalic intrusions (McCoy, Cordilleran Roundup Abstract,

1999). These intrusions are part of two subduction-related magmatic arcs: one that formed between 105-85 Ma in Interior Alaska and the Yukon, and the other between 73 and 67 Ma in southwest Alaska (McCoy Abstract, 1999). The types, sizes, and grades of gold deposits depends on the (1) proximity and size of the gold source, i.e. porphyritic granitoid bodies, (2) physio-chemical controls on hydrothermal fluids and cooling rock bodies (e.g. pressure and temperature gradients controlled by emplacement depth) and (3) local lithologies and structures (McCoy, Cordilleran Roundup, Abstract, 1999).

Gold deposited at high (>400°C) temperatures is only preserved or originally present in the more deeply emplaced gold deposits in Interior Alaska and the Yukon (McCoy, Cordilleran Abstract, 1999). This mineralization shows evidence of early, very low-sulfidation state with characteristic mineral assemblages containing pyrrhotite±pyrite, arsenopyrite-loellingite, native Bi, and low-S Bi-Te minerals.

### LOCATION, ACCESS, PHYSIOGRAPHY

The property is located in the Mayo Mining District, central Yukon Territory, approximately 145 km east of Mayo (Figure 1). The center of the property is located at 63 35' N and 132 52' W, on N.T.S. map sheets 105N/10,11. Access to the property can be gained by floatplane based out of Faro, Yukon, 160 km to the south. Alternatively, helicopters are available in Mayo or Ross River, Yukon.

The area of interest covers a range of rounded hills north of Swan Lake and Pleasant Lake in the Stewart Plateau. Elevations range from 2500 feet to about 5000 feet on ridge tops. The ridges and hills are flanked by moderate slopes with locally abundant felsenmeer cover and talus fines.

Recent Pleistocene glaciation scoured the area. As a result, outcrop exposure is generally good (~20%) except on forested valley bottoms.

### CLAIM STATUS

The Swan Lake property contains quartz claims in four separate claim blocks: North Got It, South Got It, North Gotcha and South Gotcha (see Figures 2a,b). These are summarized below:

Table 1a. Claim status of the North Got It claims.

Claim Name	Grant No.		Expiry Date	Registered Owner	% Owned	NTS #'s
Got It 151	YC00729	-	4/8/01	George Nicholson*	100	105-N-10,11
Got It 153	YC00731	-	4/8/01	George Nicholson*	100	105-N-10,11
Got It 155-166	YC00733	YC00744	4/8/01	George Nicholson*	100	105-N-10,11
Got It 169-174	YC00747	YC00752	4/8/01	George Nicholson*	100	105-N-10,11
Got It 207-214	YC00779	YC00786	4/8/01	George Nicholson*	100	105-N-10,11
Got It 219-226	YC00791	YC00798	4/8/01	George Nicholson*	100	105-N-10
Got It 231-238	YC00803	YC00810	4/8/01	George Nicholson*	100	105-N-10,11
Got It 243-246	YC00815	YC00818	4/8/01	George Nicholson*	100	105-N-10,11
Got It 248-250	YC0819	YC00821	4/8/01	George Nicholson*	100	105-N-10

Table 1b. Claim status of the south Got It claims.

Claim Name	Grant No.		Expiry Date	Registered Owner	% Owned	NTS #'s
Got It 1-12	YC00582	YC00593	4/8/01	George Nicholson*	100	105-N-10,11
Got It 17-28	YC00598	YC00609	4/8/01	George Nicholson*	100	105-N-10,11
Got It 33-38	YC00612	YC00617	4/8/01	George Nicholson*	100	105-N-10,11
Got It 39-40	YC00892	YC00893	4/21/01	George Nicholson*	100	105-N-10
Got It 41-44	YC00618	YC00621	4/8/01	George Nicholson*	100	105-N-10,11
Got It 49-60	YC00626	YC00637	4/8/01	George Nicholson*	100	105-N-10,11
Got It 65-76	YC00642	YC00653	4/8/01	George Nicholson*	100	105-N-10,11
Got It 81-92	YC00642	YC00669	4/8/01	George Nicholson*	100	105-N-10,11
Got It 97-108	YC00674	YC00685	4/8/01	George Nicholson*	100	105-N-10,11
Got It 114	YC00691	-	4/8/01	George Nicholson*	100	105-N-10,11
Got It 116	YC00693	-	4/8/01	George Nicholson*	100	105-N-10,11
Got It 118	YC00695	-	4/8/01	George Nicholson*	100	105-N-10,11
Got It 120	YC00697	-	4/8/01	George Nicholson*	100	105-N-10,11
Got It 122	YC00699	-	4/8/01	George Nicholson*	100	105-N-10,11
Got It 124	YC00701	-	4/8/01	George Nicholson*	100	105-N-10,11

Table 1c. Claim status of the north Gotcha claims.

Claim Name	Grant No.		Expiry Date	Registered Owner	% Owned	NTS #'s
Gotcha 80-99	YC00467	YC00485	4/8/01	George Nicholson*	100	105-N-10

Table 1d. Claim status of the south Gotcha claims.

Claim Name	Grant No.		Expiry Date	Registered Owner	% Owned	NTS #'s
Gotcha 5	YC00435	-	4/8/01	George Nicholson*	100	105-N-10
Gotcha 7	YC00436	-	4/8/01	George Nicholson*	100	105-N-10
Gotcha 9	YC00437	-	4/8/01	George Nicholson*	100	105-N-10
Gotcha 11	YC00438	-	4/8/01	George Nicholson*	100	105-N-10
Gotcha 29-37	YC00439	YC00447	4/8/01	George Nicholson*	100	105-N-10
Gotcha 39	YC00448	-	4/8/01	George Nicholson*	100	105-N-10
Gotcha 51	YC00449	-	4/8/01	George Nicholson*	100	105-N-10
Gotcha 53-58	YC00450	YC00455	4/8/01	George Nicholson*	100	105-N-10
Gotcha 60	YC00456	-	4/8/01	George Nicholson*	100	105-N-10
Gotcha 62	YC00457	-	4/8/01	George Nicholson*	100	105-N-10
Gotcha 64	YC00458	-	4/8/01	George Nicholson*	100	105-N-10
Gotcha 68-71	YC00459	YC00462	4/8/01	George Nicholson*	100	105-N-10
Gotcha 76-79	YC00463	YC00466	4/8/01	George Nicholson*	100	105-N-10
Big Time 15-16	YC00501	YC00502	4/8/01	George Nicholson*	100	105-N-10
Big Time 17-20	YC00874	YC00877	4/8/01	George Nicholson*	100	105-N-10
Big Time 35-40	YC00515	YC00520	4/8/01	George Nicholson*	100	105-N-10

\*NOREX SYNIDATE has yet to file for change of ownership as per signed Power of Attorney.

## EXPLORATION HISTORY

Noranda Exploration Company Limited staked the Pleasure 10-15 claims in July 1990 to cover the possible source of anomalous gold values in stream sediment results released

by the Geological Survey of Canada. The Caribou 1-4, Candy 1-4, Flower 1-4 and Can 1-2 claims were staked and explored by Ron Berdahl following the release of this regional stream sediment data.

Exploration work carried out in 1991 and 1992 on the above claims, collectively known as the D'Or Aztec Project, consisted of prospecting, geological mapping and geochemical sampling for the purpose of locating gold and massive sulphide deposits. The work was carried out by Mr. R. Berdahl and J. Duke with Noranda Exploration. A total of 93 samples were collected, many of which were anomalous in gold, silver, copper, antimony and mercury. Results from this program are shown in Figure 4.

No further work was recorded on the D'Or Aztec project after 1992 and the claims were allowed to lapse. In 1997, Viceroy Resources Corp. staked 212 claims to partially cover areas previously staked by Mr. Berdahl. Nova Gold Resources optioned the property from Viceroy Resources in early 1999.

In March 1998, Rigma White and Norex Syndicate contracted Nicholson & Associates to stake the Got It, Gotcha and Big Time claims, located contiguous to Viceroy's property. Prospector International optioned these claims in the fall of 1998. In April 1999, Prospector contracted Sander Geophysics to conduct an aeromagnetic survey of the entire property.

## **REGIONAL GEOLOGY**

The Lansing map area lies within the Selwyn Basin. The Selwyn Basin forms part of ancestral North America. The region is characterized by deep water offshore sedimentary strata that are transitional eastward and northward into shelf carbonate and clastic sedimentary rock of the Mackenzie Platform. To the southwest, the Selwyn Basin is separated from volcanic stratigraphy of the exotic Yukon Tanana Terrane by the Tintina Fault Zone (Green, 1972; Poulsen, 1997).

### **Stratigraphy**

Lithologies within the Selwyn Basin are late Proterozoic to Mississippian in age. Stratigraphy of the East Lansing map area is comprised, in order from oldest to youngest, of Hyland Group, Gull Lake Formation, Road River Group, Earn Group and Keno Hill Quartzite lithologies (Roots et. al., 1995).

#### **Hyland Group**

Proterozoic to middle Cambrian in age, gritty metaclastic rocks of the Hyland Group can be divided into the Yusezyu and Narchilla Formations. The Yusezyu Formation is a succession of variably deformed fine to coarse-grained rocks consisting of calcareous sandstone, quartz grit, graphitic shale, quartz-muscovite schist and chloritic schist. Rocks of the Narchilla Formation differ only in that they are interbedded with shale. Both formations are considered to be turbidite successions.

### Gull Lake Formation

Overlying and in discontinuity with the Hyland Group, the upper Cambrian to lower Ordovician Gull Lake Formation consists of four members; a basal mafic volcanic and volcanoclastic member, a silty limestone member, a nodular shale member and a laminated mudstone and siltstone member. This suggests basinal sedimentation characterized by localized rifting progressing into marginal platformal outgrowth.

### Road River Group

Overlying the Gull Lake Formation is the Silurian-Ordovician Road River Group. This group is further subdivided into the Elmer Creek and Steel Formations. The Elmer Creek Formation comprises white weathering, thick-bedded grey-green-blue chert and grey and brown shale. The Steel Formation consists of green siliceous agrillite, thin bedded dolostone, limestone and black calcareous shale. These rocks are generally massive and have distinctive orange weathering. Deposition of both formations was in a deep basinal environment.

### Earn Group

The Devonian-Mississippian Earn Group unconformably succeeds the Road River Group and is comprised mostly of dark grey to black shale with subordinate and variable amounts of chert, siltstone, sandstone, limestone, bedded barite, chlorite-muscovite phyllite and chert pebble conglomerate. Deposition was likely deep marine basin in nature.

### Keno Hill Quartzite

Overlying the Earn Group are massive to well foliated and lineated quartzite units of the Mississippian aged Keno Hill Quartzite.

### Younger Rocks

All of the above formations are locally unconformably overlain by early Carboniferous to Triassic shallow marine shelf clastic sediments of the Tsichu Group and Mount Christie and Jones Lake formations.

## **Intrusive Rocks**

During the Cretaceous, widespread locally large intrusive bodies of the felsic to intermediate Tombstone Intrusive Suite were emplaced (Murphy, 1997). In addition, volumetrically minor Tombstone aged biotite-quartz-feldspar porphyry rhyolite dykes and sills and other felsic dykes intruded stratigraphically in the East Lansing map area.

### Tombstone Suite

The Tombstone intrusions in this area consist predominantly of two compositional and textural types. One group is comprised of quartz poor, massive fine grained hornblende  $\pm$  biotite granodiorite and quartz diorite, whereas, the second group consists of white and rusty weathering, biotite-quartz-feldspar porphyry rhyolite dykes and sills. The intrusions are variably magnetic with aeromagnetic signatures extending into hornfelsed

contact aureoles. Tombstone intrusions occur at all stratigraphic levels in the area and were emplaced between 90-94 Ma.

### **Structure**

Rocks of the Selwyn Basin occur in three tectonic sheets. These are separated by the Dawson, Tombstone and Robert Service low angle thrust faults. Early Cretaceous NE-SW contraction resulted in upright folding of upper Paleozoic strata, and both high and low angle thrusts within Proterozoic and lower Paleozoic rocks. Slaty cleavage is pervasive in incompetent units such as the Narchilla and Gull Lake formations. Overturned strata and southwest verging fold in the Wilson Range (south of Murray Creek) suggest a fundamental structural break that connects the Tombstone Thrusting and the Hess Fault (Abbott and Turner, 1990). Late large scale northwest movement of the Robert Service Thrust sheet probably caused the northwesterly cleavage and recrystallization to footwall rocks in the southwestern corner of the Eastern Lansing map area (Roots et al, 1995).

### **PROPERTY GEOLOGY**

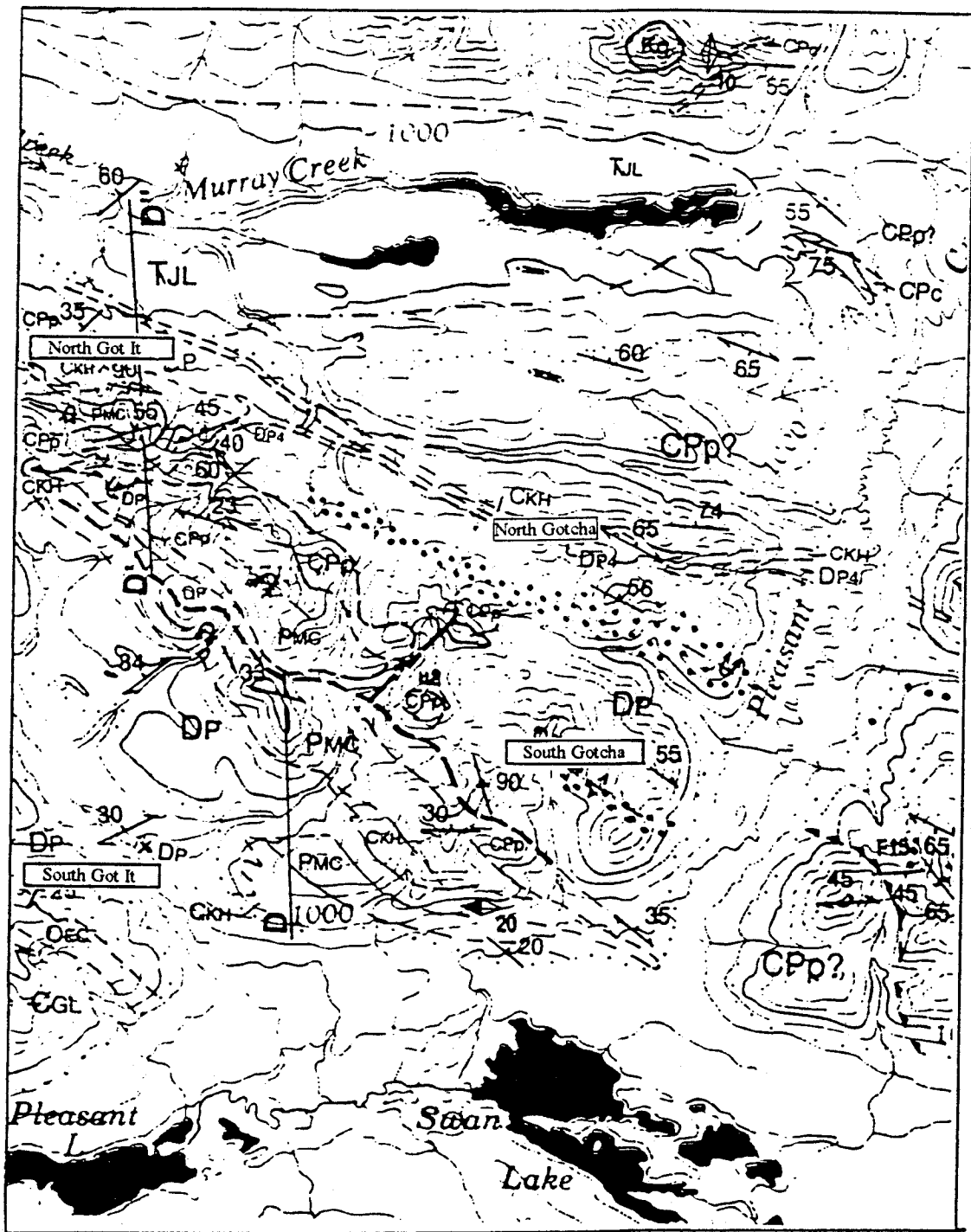
The most recent government mapping (Roots et al., 1995) shows the project area to be underlain by rock of the Road River Group, Earn Group, Keno Hill Quartzite, as well as, the Tsichu Group, Mount Christie Formation and Jones Lake Formation lithologies (Figure 3). Cretaceous porphyry rhyolite dykes intrude fine to coarse-grained sedimentary rocks.

Previous reconnaissance mapping on the property by Hulstein (1992) assigned most sedimentary lithologies on the property to the Road River Group (Figure 4).

### **GOVERNMENT SURVEYS**

In 1990, the Geological Survey of Canada released regional stream sediment and water geochemical data, GSC Open File 2363, for the Lansing map sheet (Friske et. al., 1990). Of the samples collected by the GSC, eight are from streams draining the project area, with six samples falling on the Swan Lake property.

The table below is based on the number of samples for selected elements, from the eight in the project area that fall within the 95<sup>th</sup> percentile in the regional survey.



133° 00'

63° 00'

**LEGEND**

- Limit of outcrop, isolated outcrop: .....
- Geological boundary (defined, approximate): .....
- Major contact projected beneath overburden: - - - - -
- Minor intrusions (felsic dykes); smaller than shown: - - - - -
- Bedding, too known (inclined, vertical, overturned): ————
- Bedding, too unknown (inclined, vertical): ..... ————
- Regional folds (anticline, syncline, overturned anticline, overturned syncline): ~~~~~
- Cleavage, (inclined, vertical): ————
- Schistosity, mylonite zone: ————
- Strain gradient (approximate limit of penetratively deformed rocks): ————
- Mineral lineation (inclined, roosting of quartz segregations): ————
- Fault (defined, assumed, extrapolated beneath overburden): ————
- solid circle indicates downthrown side
- Thrust fault (defined, assumed, extrapolated beneath overburden): ————
- teeth indicate upthrust side
- Fault, transcurrent (defined, assumed, extrapolated beneath overburden; arrows indicate relative movement): ————
- Line of cross-section: ————
- Displacement on transcurrent fault in cross-section ( + indicates displacement of block away from viewer; - indicates displacement of block towards viewer): ————
- Mineral occurrence (even deposits: Ag-Pb-Au, Cu-Pb; stratobound Ba, Ag-Pb lode): ————
- Fossil locality (numerical corresponds to table; dot shows precise location): ————
- Plutonic rock date in millions of years (U-Pb zircon geochronology): ————



Prospector International Resources Inc.

**PROPERTY GEOLOGY**

Swan Lake

Source: Roots et. al. (1995)

SCALE: AS SHOWN	DRAWN BY: Lorraine Drafting Ltd.	FILE: INTERLWIG
DATE: December 2000		PAGE: 3

LEGEND

<b>CRETACEOUS</b>	
<b>Kg</b>	Tombstone intrusive Suite: White-weathering, fine grained hornfels <del>in</del> <del>with</del> <del>basalt</del> <del>granodiorite</del> <del>quartz</del> <del>gneiss</del> White and rusty weathering, bottle-quartz/leucocr <del>common</del> <del>mylonite</del> dykes and sills.
<b>TRIASSIC</b>	
<b>TJL</b>	Jones Lake Formation: Brown and grey weathering, fine grained calcareous and micaceous <del>sandstone</del> and <del>siltstone</del> , nodule cross-laminated; interbedded orange-brown weathering, olive green <del>quartzite</del> <del>shale</del> and recessive grey <del>shale</del> . Thin bedded blue-grey platy <del>limestone</del> contains late Carman conodonts and <del>Minors</del> ammonites in adjacent 1050/12 map area (M. Cécile and M. Orchard, pers comm., 1993).
<b>PERMIAN</b>	
<b>PMC</b>	Mount Christie Formation: Orange brown, buff and pink weathering, green <del>amphibole</del> and <del>siliceous</del> <del>siltstone</del> , laminated and burrowed with trace fossils on unconformities of beds with locally abundant grey <del>barite</del> nodules. Ribboned black and grey chert contains late Permian radiolarians near Mt. Osageo.
<b>Pb</b>	Rust-brown weathering, black <del>siliceous</del> <del>siltstone</del> with deep orange weathering sandstone and dolomite; <del>barite</del> nodules and veins.
<b>CARBONIFEROUS to PERMIAN</b> Probably equivalent to Tsiachu Group (Cécile, in press; Tsiachu formation of Gorday and Anderson, 1993).	
<b>Cpp</b>	Orange-brown and dark grey weathering, weakly calcareous, oolitic and micaceous, <del>quartz</del> <del>siltstone</del> , fine grained brown <del>sandstone</del> , green shale and chert. Brown weathering, dark grey sandy limestone bed contains Early Carboniferous conodonts 3 km south of West Lake and cross-laminated <del>amy</del> <del>siltstone</del> contains early Permian conodonts 3 km west of Pata mineral occurrence.
<b>CPc</b>	White-weathering, grey and black <del>shale</del> and medium bedded <del>siliceous</del> <del>shale</del> . Contains Permian radiolarians 4 km south of West Lake.
<b>LOWER CARBONIFEROUS</b>	
<b>CKH</b>	Kano Hill quartzite: Grey-brown weathering, banded dark grey and black, fine-grained <del>quartzite</del> , thin interbeds of <del>black</del> <del>shale</del> and <del>siliceous</del> <del>shale</del> .
<b>DEVONIAN to LOWER CARBONIFEROUS</b> Eam Group (probably Portrait Lake Formation, Gorday and Anderson, 1983)	
<b>DP4</b>	Brown-weathering micaceous quartz <del>sandstone</del> , parallel and nodule cross-laminated; minor <del>siltstone</del> . Equivalent to 1st Member of Abbot and Turner (1990).
<b>DP3</b>	Silver- and blue-weathering, well-bedded <del>siliceous</del> <del>mudstone</del> , platy and granitic. South of Hess - River grades downward from black argillaceous chert with minor centimeter-thick black <del>limestone</del> beds, to more recessive black, fissile <del>siliceous</del> <del>shale</del> .
<b>DP1</b>	Cross-bedded, white and yellow weathering, thin to medium bedded, white, light grey and black <del>shale</del> . Described by Abbot (1986).
<b>DP2</b>	Dark blue-grey weathering, <del>siliceous</del> <del>carbonaceous</del> <del>siltstone</del> and <del>mudstone</del> ; thin bedded black chert, <del>conglomerates</del> and grit with chert clasts (o o o). Minor white weathering limestone (l) and amygdaloidal mafic flows (Dv) occur east of Fairweather Lake.
<b>DP1</b>	Blue-brown weathering, <del>siliceous</del> <del>shale</del> ; grades upward to thin- to medium-bedded, white, yellow weathering <del>siliceous</del> <del>shale</del> ; concretions and grey <del>barite</del> lenses common at Pata mineral occurrence. Monograptus found 3 km north of Pata occurrence.
<b>DP</b>	Eam Group undivided; includes some or all rock types described above.
<b>SILURIAN</b> Road River Group	
<b>Ss</b>	Steel Formation: Orange-brown weathering, green <del>siliceous</del> <del>shale</del> ; orange weathering, thin-bedded beige <del>siltstone</del> , tan weathering limestone and black calcareous shale.
<b>CROCOVICIAN (to LOWER DEVONIAN?)</b>	
<b>OEC</b>	White weathering, thick bedded grey, some green and blue <del>shale</del> ; grey and brown <del>shale</del> . Isolated beds of light grey weathering limestone contain Early to Late Crocovician conodonts and radiolarians are present in chert. Equivalent to Elmer Creek Formation (Cécile, in press).
<b>UPPER CAMBRIAN to LOWER CROCOVICIAN</b>	
<b>EGL</b>	Gull Lake Formation: Green, brown, and olive laminated <del>mudstone</del> and <del>siltstone</del> ; dark brown nodular <del>shale</del> ; minor fine grained sandstone and grit. White weathering, nodular <del>silty</del> <del>limestone</del> (Calt); block pattern contains crococonodonts 15 km south-east of West Lake, oolites on south slope of Mount Oriel. Local mafic flows and tuffs and volcanic sandstone (Cvi) near Rogue River.
<b>UPPER PROTEROZOIC to MIDDLE CAMBRIAN</b> Hyland Group (Gorday and Anderson, 1993)	
Marchula Formation	
<b>EN4</b>	Maroon, brown, black and green <del>amphibole</del> and <del>siltstone</del> . In 105N15 contains thick beds of grey weathering laminated quartz sandstone (silted). Equivalent to Arrowhead Lake Member, Marchula Formation (Cécile, in press).
<b>PCNS</b>	Light brown weathering <del>quartz</del> <del>siltstone</del> , thin-bedded sandstone interbedded with grey and brown shale in thinning-upward succession; road cuts common. In 105N15 maroon to black-red argillaceous 3-5 beds, about 10 m thick, separated by green sandstone. Equivalent to Sendaish Member, Marchula Formation (Cécile, in press).
<b>PAL</b>	Thin, well-bedded, buff <del>silty</del> <del>limestone</del> and white weathering, thick bedded grey-white <del>limestone</del> . Equivalent to Algae Lake Formation (Cécile, in press) and local limestone member of Yusezyu Formation (Gorday and Anderson, 1993).
<b>PY</b>	Yusezyu Formation: Brown weathering <del>micaceous</del> <del>sandstone</del> , quartz <del>grit</del> with interbedded dark grey shale and siltstone, locally graded. Includes thick bed of yellow-brown limestone (Pyl) = 1.
<b>PYb</b>	Dark brown weathering <del>argillaceous</del> <del>shale</del> , minor maroon shale and fine grained dark grey quartzite.
<b>PYS</b>	Straightened rocks equivalent of Py, PAL and Pz: <del>quartzite</del> <del>shale</del> with minor <del>chert</del> <del>schist</del> and quartz-leucocr gmy <del>schist</del> . Boudins and healed an <del>schist</del> <del>fractures</del> are common.
<b>PYc</b>	Pale weathering, fine grained <del>mudstone</del> <del>shale</del> with laminar quartz-leucocr segregations, localized metazoic <del>siltstone</del> .

Table 2. Number of G.S.C. samples with >95<sup>th</sup> percentile values on the property.

Element	No. of Samples (>95 <sup>th</sup> percentile)
Gold	5
Silver	6
Copper	4
Arsenic	6
Antimony	4
Mercury	7
Barite	7
Cadmium	5
Molybdenum	5

Copper and ytterbium values were the highest returned from the regional survey. The source of the extremely anomalous barite values has not been located to date. Barite was not analyzed by specific technique during the 1991 or 1992 programs.

Numerous color anomalies are found in the creek beds. Iron red-orange creeks, where measured by the GSC, have low pH's of 4 or <4. Creeks with white precipitate or aluminum compounds have pH's of 5 or >5. Due to the low pH's in many creeks, any metals, particularly lead and zinc, may be dissolved from the stream sediments and transported downstream. This could explain the anomalously low lead values obtained from most samples (<20 ppm).

## **AEROMAGNETIC SIGNATURE**

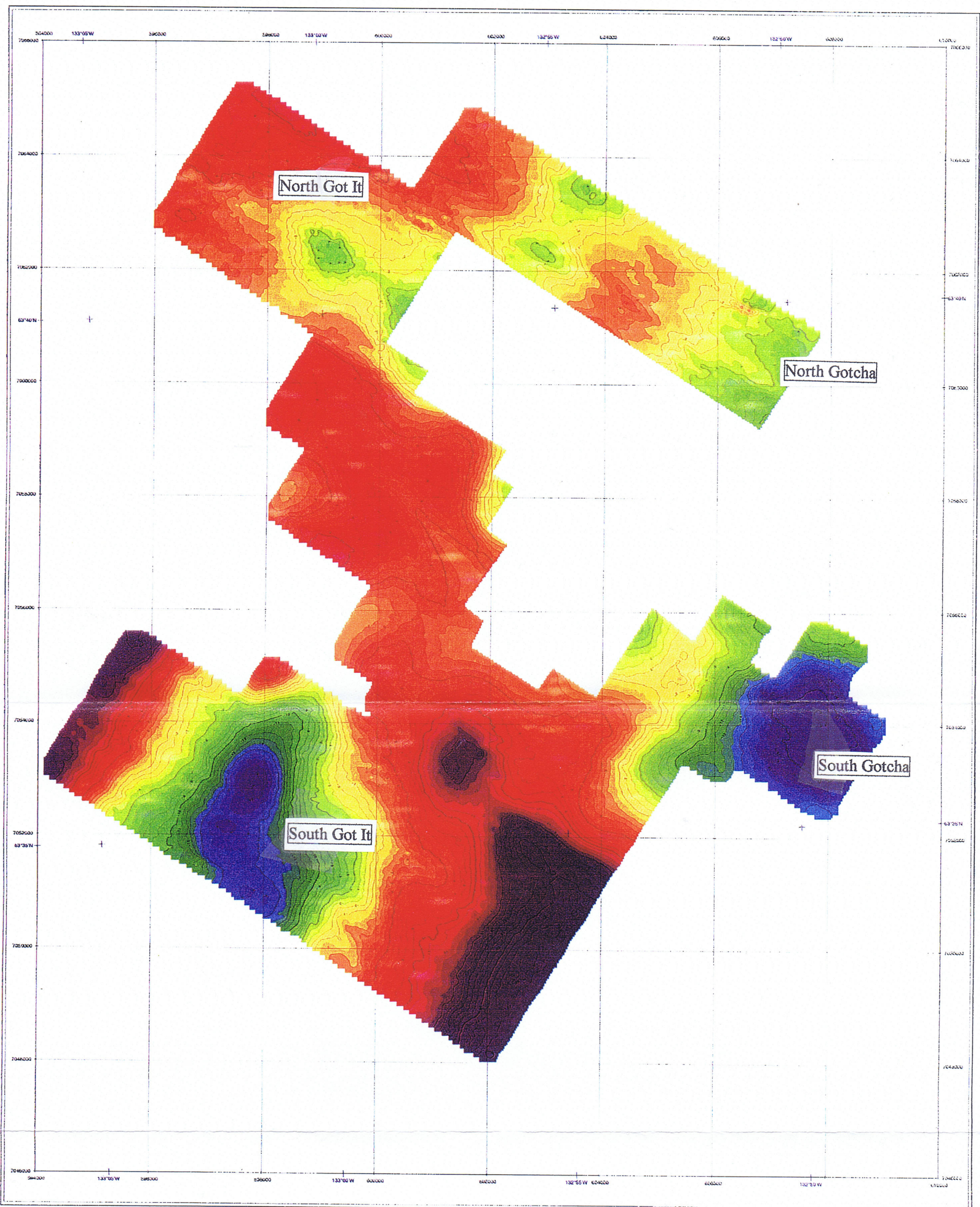
In April 1999, Prospector International contracted Sander Geophysics to conduct an aeromagnetic survey of the entire property. The results are shown in Figure 5 and summarized below.

- The South GOT IT claim block is underlain by a strong magnetic low located on the northwestern portion of the claims, and a strong magnetic high on the southeastern portion of the claims.
- The North GOT IT claim block contains a weak linear magnetic low approximately 2.25 kilometres long.
- The South GOTCHA claim block exhibits a round shaped extreme magnetic low in the center of the claim block.
- The North GOTCHA claims block exhibits only moderate magnetic low response.

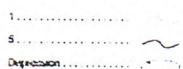
## **2000 EXPLORATION PROGRAM**

### **Scope of Program**

The 2000 Swan Lake exploration program, consisting of 20 mandays, was conducted by Bart Jaworski, G.I.T., Marco Vanwermeskerken, P.Geo., Michael Glynn and Kevin Sinnott under contract to Prospector International Resources from August 12<sup>th</sup> 2000 to August 16<sup>th</sup> 2000. This program involved stream sediment (silt) sampling of secondary

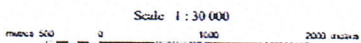


Total Magnetic Intensity (nT)



**Prospector International Resources Inc.**

High Resolution Aeromagnetic Survey  
**Stewart Range, Yukon Territory**  
 Over the Big Time, Got It and Gotcha Claims



Property Line Stationing	132.00
Property Line Orientation	48°
Coastal Low Stationing	1500.00
Coastal Low Orientation	133°
Survey Area	60° 00' 00" N
Magnetic Survey	Geospatial G-22A, 100m, 100m
Magnetic Survey	100m, 100m
Aircraft Positioning	Trimble 5600R, 100m, 100m
GPS Receiver	Trimble 5600R, 100m, 100m
Antenna	Trimble 5600R, 100m, 100m
Data Point	April 1 to April 2, 1999
IGRF Correction	IGRF 1996, 100m, 100m
Magn. Declination at 62° 14' N, 132° 00' W	75.1
Magn. Declination at 61° 14' N, 132° 00' W	25.4
Grid Gait New	100m, 100m
UTM Zone	18N



drainages, contour and ridgeline reconnaissance soil sampling, rock sampling of available outcrop and prospecting. The program was helicopter supported from the Rogue River outfitter camp on Swan Lake.

### Field Crew

The following are the names and addresses of the workers that conducted the Swan Lake program from August 12-16, 2000.

Table 3a. Names and addresses of field crew.

Name	Address
Bart J. Jaworski, G.I.T.	2754 West 20 <sup>th</sup> Avenue Vancouver, BC V6L 1H2
Marcus T. Vanwermeskerken, P.Geo.	128 Saltair Road Saltspring Island, B.C. V8K 1Y5
Micheal Glynn	Box 2745 Whitehorse, B.C. Y1A 5L5
Kevin Sinnott	206 Hubley's Road Hubley, Nova Scotia B3Z 1C1

Table 3b. Breakdown of mandays spent on the property.

	North Got It	South Got It	North Gotcha	South Gotcha
Bart Jaworski	1	1	1	2
Marco Vanwermeskerken	2	1	0	2
Mike Glynn*	2	1	0	1
Kevin Sinnott	2	1	0	2
<b>TOTAL MANDAYS</b>	<b>7</b>	<b>4</b>	<b>1</b>	<b>7</b>

\*One day spent staking ground near South Gotcha (new staking not registered).

### Sampling

Soil samples were collected in kraft bags at 100 to 200 metre spacing along ridgelines and topographic contours. Soil samples were typically collected from pits dug by shovel at least 30-60 centimetres deep in order to attain the 'C' soil horizon. Each soil sample was described using a fill-out form with topography, vegetation, soil characteristics, and rock fragment lithology categories.

Silt samples were collected in plastic bags in order to retain fine particle size fractions that may be in suspension. In-field sieving was not conducted.

Samples were labeled using the following system: e.g. '20XMV010' – whereby '20' is the year 2000, 'X' is soil ('S' is silt, 'R' is rock), 'MV' is the sampler's initials, and '010' is the tenth sample. Sample descriptions are listed in the Appendix.

## Survey Control

The accuracy of traverse locations and sample location sites was controlled by field use of 1:50,000 topographic maps, hip-chain for sample spacing, as well as, Garmin GPS 12XL units.

## Analytical Procedures

In total, 184 samples were collected during the program including 28 silt samples, 140 soil samples and 16 rock samples. This information is broken down in the following table:

Table 4. Breakdown of samples collected on the property.

	<b>Silts</b>	<b>Soils</b>	<b>Rocks</b>	<b>TOTAL</b>
<b>North Got It</b>	9	30	3	<b>42</b>
<b>South Got It</b>	12	22	-	<b>34</b>
<b>North Gotcha</b>	-	14	-	<b>14</b>
<b>South Gotcha</b>	7	74	13	<b>94</b>
<b>TOTAL</b>	<b>28</b>	<b>140</b>	<b>16</b>	<b>184</b>

Samples were shipped to ACME Analytical Laboratory located at 852 E. Hastings in Vancouver, BC. Soil samples were sieved to -80 mesh and silt samples were sieved to two fractions: -150 +230 mesh and -230 mesh. Rock samples were crushed to -10 mesh, split and then pulverized to -100 mesh. All samples were analyzed using Group 1F (30 grams) 36 element ICP-MS.

## Geochemical Evaluation

Of the 36 elements analyzed, 11 appeared sufficiently significant to be evaluated by the authors of this report. These elements are Au, As, Sb, Hg, Bi, Mo, Ag, Cu, Pb, Zn and Ni. Anomalous values of these elements are plotted in Figure 6.

Soil and silt sample results underwent statistical analysis. Thresholds were calculated using computer program EXCEL. All silt samples collected from the property during the 2000 field program were grouping into one population for the purposes of analysis. Silt samples sieved to -230 mesh were statistically analyzed and are summarized below.

Table 5a. Statistical Thresholds for silt sample results (-230 mesh).

Element	90th percentile
Au (ppb)	17.89
As (ppm)	36.99
Sb (ppm)	10.88
Hg (ppb)	806.4
Bi (ppm)	0.33
Mo (ppm)	13.56
Ag (ppb)	3241.4
Cu (ppm)	234.83
Pb (ppm)	20.50
Zn (ppm)	716.55
Ni (ppm)	159.5

Reconnaissance soil samples collected from the entire property were grouped into one population for the purposes of statistical analysis. Thresholds determined are summarized below:

Table 5b. Statistical Thresholds for reconnaissance soil sample results.

Element	90th percentile
Au (ppb)	16.31
As (ppm)	50.52
Sb (ppm)	22.50
Hg (ppb)	527.4
Bi (ppm)	0.44
Mo (ppm)	20.74
Ag (ppb)	4049.2
Cu (ppm)	150.81
Pb (ppm)	31.93
Zn (ppm)	185.08
Ni (ppm)	57.13

Rock values collected by the Company were evaluated using thresholds derived from qualitative inspection of the Company's data set.

## 2000 EXPLORATION RESULTS

### Geological Mapping

Limited geological mapping, as well as, float rock descriptions conducted by Prospector during the 2000 field program, characterized the Swan Lake property to be predominantly underlain by dark grey phyllites and shales crosscut by white unmineralized metamorphic quartz veins. Reconnaissance soil sampling at localities inferred to be underlain by rhyolite and quartz feldspar porphyry bodies encountered only metasedimentary rock float. Observed intrusive rock on the property was limited to diorite and felsic porphyry float in a creek (20SBJ062-064) draining the South Got It claim block (see Figure 6). The catchment area for this creek is within the property boundary.

## Geochemical Sampling

### South GOT IT Claims

Significant results from the south Got It claim block were limited to three silts with anomalous values of Zn, Ni, Mo and Hg (see Table 6a and Figure 6).

Table 6a. Silt samples (>90<sup>th</sup> percentile) from the south Got It claims.

	Zn (ppm)	Ni (ppm)	Mo (ppm)	Hg (ppb)
20SMV058	801.6	-	-	-
20SMG003	1010.0	165.1	13.89	890
20SMG004	1625.2	167.3	-	854

The headwaters of these creeks were not tested with soil sampling (see Figure 6). Limited soil sampling conducted over inferred rhyolite/quartz porphyry bodies elsewhere on the property yielded anomalous values of only Ag (see Table 6b).

Table 6b. Soil sample results (>90<sup>th</sup> percentile) from south Got It claims.

	Ag (ppb)
20XMV053	7929
20XMV054	5223
20XMV055	6689

### North GOT IT Claims

Significant results from the north Got It claim block consist of six silt samples variably anomalous in Ag, Cu, and Pb and locally Au, As, Sb, and Hg (see Table 7a and Figure 6).

Table 7a. Silt (-230 mesh) sample results (>90<sup>th</sup> percentile) from north Got It claims.

	Ag (ppb)	Cu (ppm)	Pb (ppm)	Au (ppb)	As (ppm)	Sb (ppm)	Hg (ppb)
20SBJ065	-	-	33.02	-	-	-	-
20SBJ066	22719	371.54	-	-	-	-	1808
20SBJ067	-	491.48	-	-	-	-	-
20SMG005	-	-	-	-	251.5	11.33	-
20SMV059	-	-	27.88	-	-	-	-
20SMV064	4206	-	22.19	19.5	-	-	-

Reconnaissance soil samples collected at the headwaters of the above silt samples, yielded elevated Cu, Zn, Ni and Co (see Table 7b).

Table 7b. Soil samples (> 90<sup>th</sup> percentile) from north Got It claims.

	Cu (ppm)	Zn (ppm)	Ni (ppm)
20XKS086	-	-	89.7
20XKS088	167.52	-	-
20XKS090	228.55	-	64.2
20XKS091	279.57	-	71.6
20XKS092	187.37	-	76.4
20XKS093	191.17	-	-
20XKS094	264.31	-	72.9
20XKS096	467.32	389.7	115.1

**North GOTCHA Claims**

The majority of the claim block was found to be covered by glaciofluvial material consisting of transported rounded and subrounded cobbles. One reconnaissance soil traverse was conducted on a topographical high feature with residual soils. Significant results were limited to 154.52 ppm Cu (20XBJ068) and 57.11 ppm Sb (20XBJ081) (see Figure 6).

**South GOTCHA Claims**

Significant silt sample results were limited to the following:

Table 8a. Silt samples results (> 90<sup>th</sup> percentile) from south Gotcha claims.

Silt Sample	Au (ppb)	As (ppm)	Bi (ppm)	Sb (ppm)	Ag (ppb)	Mo (ppm)
20SMG001	28.8	48.0	-	15.45	5230	22.07
20SBJ047	20.6	-	0.34	-	-	-
20SKS099	-	-	-	14.55	-	14.52

Reconnaissance soil sampling on the property yielded a relatively consistent Ag-Mo-Sb anomaly on the northeastern portion of the claim block, (see Table 8b and Figure 6). A few highly anomalous Ag and Sb values occur to the south of the main Ag-Mo-Sb anomaly.

Table 8b. Soil Sample results (>90<sup>th</sup> percentile) from south Gotcha claims (Ag-Mo-Sb anomaly).

Soil Samples	Ag (ppb)	Mo (ppm)	Sb (ppm)	Au (ppb)	Cu (ppm)
20XKS042	-	22.3	-	-	-
20XKS043	5618	23.79	-	-	-
20XKS044	-	23.9	25.75	-	-
20XKS045	8628	110.23	103.52	-	-
20XKS046	-	49.21	39.01	-	-
20XKS047	4401	25.45	29.26	-	-
20XKS049	-	23.8	-	-	-
20XKS051	4702	44.77	52.17	-	-
20XKS052	-	-	23.2	-	-
20XKS053	-	-	31.97	-	-
20XKS054	4105	-	27.48	-	-
20XKS056	-	-	36.27	-	-
20XKS057	-	43.22	60	-	-
20XKS058	10184	-	28.68	-	-
20XKS059	15764	25.98	-	-	-
20XBJ041	5408	-	-	27.2	-
20XBJ043	12973	34.5	24.19	-	-
20XBJ044	-	-	-	16.4	-
20XBJ050	-	-	-	-	161.35
20XBJ054	4968	-	-	-	-
20XBJ055	-	23.27	-	-	-
20XBJ059	-	46.61	44.09	-	-
20XBJ061	7982	-	-	-	-

A soil anomaly consisting of Au ± Cu is located in the center and the southwestern portion of the claim block (see Table 8c and Figure 6).

Table 8c. Soil Sample results (>90<sup>th</sup> percentile) from south Gotcha claims (Au-Cu anomaly).

	Au (ppb)	Mo (ppm)	Cu (ppm)
20XMV043	23.7	-	-
20XMV045	-	-	158.41
20XMV048	-	-	499.59
20XMV049	-	-	248.35
20XMV102	28.7	-	-
20XMV103	25.5	-	-
20XMV104	18.7	-	-
20XMV105	22.3	-	-
20XMV107	23.9	-	-
20XBJ091	25.7	-	-
20XBJ092	18.8	-	-
20XBJ093	26.3	29.44	-
20XBJ095	-	-	354.71
20XBJ096	17.1	-	583.36

## DISCUSSION AND RECOMMENDATIONS

The north Got It claim block is drained by creeks anomalous in Cu ± Au ± Hg ± Ag ± Pb. Contour soil sampling at the headwaters of these creeks yielded only moderately anomalous Cu values. If future work is conducted on this claim block, it should consist of contour soil sampling downslope of 2000 sampling in order to locate the source of the silt anomalies. However, due to the low magnitude of the silt and soil anomalies, it is recommended that the Company conduct no further work on the claim block at this time.

If future work is conducted on the south Got It claims, it should consist of reconnaissance soil sampling along the northern portion of the claim block in order to identify the source of anomalous Zn, Ni, Mo and Hg values in silts draining the area. However, due to the low magnitude of the geochemical anomalies in both the silt and soil samples collected during the Company's 2000 field program, no further work by the Company is recommended at this time.

The south Gotcha claim block exhibits a geochemical zonation defined by a northerly Ag-Mo-Sb soil anomaly and a southerly Au ± Cu soil anomaly. Due to the fact that the property is underlain by Road River and/or Earn Group sediments, elevated Ag-Mo-Sb may suggest potential for Nick style mineralization, which occurs in similar stratigraphy. A similar association of anomalous elements in soil is also observed on International Kodiak's shale-hosted Ag-V target on the Oki Doki property, which also occurs at the contact between Earn Group and Road River Formations. It should be noted however, that lithologies observed on the Gotcha claims were, in part, of higher metamorphic grade (i.e. phyllites) than lithologies at the Nick and the Oki Doki properties (mudstones and shales).

The north Gotcha claim block failed to return results that warrant further work.

## **CONCLUSIONS**

Numerous geochemical responses were identified during the Company's 2000 field program on the Swan Lake property. However, due to the low magnitude of the anomalies and the remote location of the property, no further work is recommended at this time.

## STATEMENT OF QUALIFICATIONS

I, **Bart J. Jaworski**, of Vancouver, British Columbia, hereby certify that:

1. I am a graduate of the University of British Columbia with a Bachelor of Science (Honors) Degree (1996) in Geology.
2. I have practiced my profession as a geologist in Canada, continually since graduation.
3. I am a Consulting Geologist with offices at 1006 Pacific Drive, Delta, British Columbia.
4. I am a registered member in good standing of the Association of Professional Engineers and Geoscientists of British Columbia and hold the title of 'Geoscientist-In-Training' (Reg #112628).
5. The information in this report is based on personal examination of the property during Prospector's 2000 field season, all results from the 2000 field season and an overview of published and unpublished internal reports and maps on the property and the surrounding area.
6. I have direct interest in Prospector International Resources Inc., through the ownership its securities.
7. Prospector International and its affiliates are hereby authorized to use this report in any prospectus, statement of material facts, or other public document.

**DATED in Vancouver, British Columbia, this 4<sup>th</sup> day of December 2000.**

  
\_\_\_\_\_  
**Bart J. Jaworski, G.I.T.**

## STATEMENT OF QUALIFICATIONS

I, **Marcus T. Vanwermeskerken**, of Saltspring Island, British Columbia, hereby certify that:

I am a graduate of the University of British Columbia with a Bachelor of Science Degree (1987) in Geology.

I have practised my profession as a geologist in Canada, Central and South America for 11 years since graduation.

I am a Consulting Geologist with offices at 128 Saltair Lane, Saltspring Island, British Columbia.

I am a registered member in good standing of the Association of Professional Engineers and Geoscientists of British Columbia (Reg. # 19385).

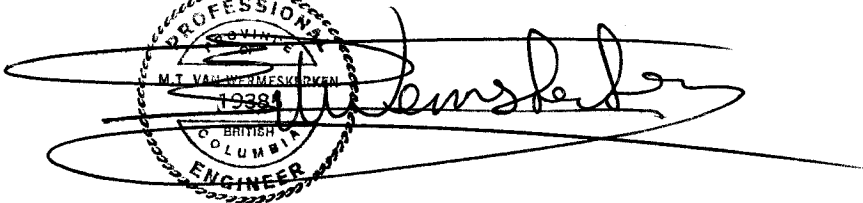
The information in this report is based on an overview of published and unpublished reports on the property and surrounding area.

I conducted geological fieldwork on the property during August, 2000.

I have no interest, direct or indirect, in the subject property, or any in the vicinity, nor do I expect to receive such interest.

I consent to, and authorize the use of this report in any prospectus, state of material facts, or other public document.

**DATED on Saltspring Island, British Columbia, this 29<sup>th</sup> day of November, 2000.**

A circular professional seal for the Association of Professional Engineers and Geoscientists of British Columbia. The seal contains the text "PROFESSIONAL ENGINEER", "M.T. VANWERMESKERKEN", and "19385". A handwritten signature, "Marcus T. Vanwermeskerken", is written across the seal.

**Marcus T. Vanwermeskerken, P. Geo.**

## REFERENCES

- Game, B.D., 1998: Summary Report on the Norex Syndicate Claims, Mayo Mining District, Yukon Territory. Pp. 1-19.
- Hulstein, R., 1992: Report on the 1992 Geological and Geochemical Assessment Work on the D'Or Aztec Project. Report for Mr. R. Berdahl. pp. 1-13.
- Roots, C.F., Abbott, J.G., Cacile, M.P. and Gordey, S.P. 1995: Bedrock Geology of Lansing Range Map Area (105N) East Half, Hess Mountains, Yukon. Geological Survey of Canada, Open File 3171, 1:250,000 scale.
- Vanwermeskerken, M.T., Jaworski, B.J., 2000: Geological, Geochemical and Geophysical Report on the Oki-Doki Project Claims, Dawson and Mayo Mining Districts, Yukon Territory. Report for International Kodiak Resources Inc., pp 1-57.

## **APPENDIX - SAMPLE DESCRIPTIONS**

### **ABBREVIATION KEY**

#### **Workers:**

BJ – Bart Jaworski (G.I.T.)  
MV – Marco Vanwermeskerken (P.Geo.)  
MG – Michael Glynn (Prospector)  
KS – Kevin Sinnott (Geology Student)

#### **Material Type**

Sa – sand  
Si – silt  
Ta – talus  
Tl – till  
Co – colluvium  
Lo – loess  
F - felsenmere

#### **Colors**

d – dark  
m - medium  
l – light  
b - brown  
g(y) – grey  
g(n) – green  
o – orange  
r – red  
wht – white

#### **Geology / Lithology**

aspy – arsenopyrite  
bar - barite  
bx - breccia  
cpy – chalcopyrite  
frac surf – fracture surface  
lim – limonite  
loc – local  
mst - mudstone  
porph – porphyry  
py – pyrite  
phy – phyllite  
qtzite – quartzite  
q.v. – quartz vein  
sh – shale  
stxx - stockwork  
w/ - with  
zst – siltstone

Worker's Initials	Date	Easting	Northing	Sample	Area	Valley Bottom	Direction/Angle of Slope	Hill Top	Level Ground	Spruce	Pine	Aspen	Alder	Subalpine Shrub	Permafrost	Swampy	Horizon Sampled	Width of Sampled Hz (cm)	Depth of sampled Hz (cm)	Colour	Horizon Dev (G/P)	Sorted (W/P)	Type (Sa, Si, Ta, Ti, Co, Lo)	Chip Geology
BJ	12-Aug-00	O608030	7054001	20XBJ041	S. Gotcha	S	10							X			C	15	10	GGN	P	P	Co	blk sh, mst, loc. Wht qz
BJ	12-Aug-00	O607956	7053981	20XBJ042	S. Gotcha	S	35							X			C	10	10	OB	P	P	Co	blk sh, rusty frac surf
BJ	12-Aug-00	see	map	20XBJ043	S. Gotcha	S	35							X			C	10	15	OB	P	P	Co/Ta	d.gry sh, wht loc rusty q.v. up to 5cm wide (q.v. deformed)
BJ	12-Aug-00	see	map	20XBJ044	S. Gotcha	S	33							X			C	15	10	LB	P	P	Co	d.gry sh
BJ	12-Aug-00	O607847	7053754	20RBJ045	S. Gotcha	S	35							X			C	10	0	LB	P	P	Ta	select float grab; yellow rusty q.v.
BJ	12-Aug-00	"	"	20XBJ046	S. Gotcha									X			C	10	0	LB	P	P	Ta	d.gry sh, yel rusty wht q.v.
BJ	12-Aug-00	see	map	20SBJ047	S. Gotcha									X			C	10	30	GGY	P	P	Co/Ta	it grn phyllite
BJ	12-Aug-00	see	map	20XBJ048	S. Gotcha	NE	36							X			C	10	30	GGY	P	P	Co/Ta	it grn phyllite
BJ	12-Aug-00	see	map	20XBJ049	S. Gotcha	SE	30			X				X			C	10	30	GGY	P	P	Co/Ta	it grn phyllite
BJ	12-Aug-00	see	map	20XBJ050	S. Gotcha	SE	30			X	X			X			C	10	30	GGY	P	P	Co/Ta	it grn phyllite, loc wht q.v.
BJ	12-Aug-00	O607621	7053400	20XBJ051	S. Gotcha	E	30			X	X			X			C	10	30	GGN	P	P	Co	d.gry sh, wht rusty q.v.
BJ	12-Aug-00	see	map	20XBJ052	S. Gotcha	S	32			X	X			X			C	5	15	LB	P	P	Co/Ta	d.gry sh, loc wht q.v.
BJ	12-Aug-00	O607477	7053275	20XBJ053	S. Gotcha	S	20							X			C	5	15	BG/LB	P	P	Co/Ta	d.gry sh, loc wht q.v.
BJ	12-Aug-00	O607475	7053192	20XBJ054	S. Gotcha	S	35							X			C	5	15	GB	P	P	Co/Ta	d.gry phy, loc wht q.v. (yel rusty) w/ loc goethite
BJ	12-Aug-00	see	map	20XBJ055	S. Gotcha	S	30							X			C	5	0	GB	P	P	Ta	d.gry sh/phyll, rusty wht q.v.
BJ	12-Aug-00	see	map	20XBJ056	S. Gotcha	S	30							X			C	5	10	GB	P	P	Ta	d.gry phy, rusted out d.gry sh/wht q.v. (rusty)
BJ	12-Aug-00	see	map	20XBJ057	S. Gotcha	S	30							X			C	5	10	GB	P	P	Ta	d.gry phy, rusted out d.gry sh/wht q.v. (rusty)
BJ	12-Aug-00	see	map	20RBJ058	S. Gotcha	S	35							X			C	5	0	GB	P	P	Ta	talus composite sample; lt.gry sh, rusty frac surf
BJ	12-Aug-00	O607014	7053162	20XBJ059	S. Gotcha	W	26							X			C	5	0	GB	P	P	Ta	duil gry marble c/c by stbx q.v. (wht, no min)
BJ	12-Aug-00	see	map	20RBJ060	S. Gotcha									X			C	5	0	GB	P	P	Ta	select float grab, rusty massive q.v. c/cing blk sh
BJ	12-Aug-00	see	map	20XBJ061	S. Gotcha	W	30							X			C	5	30	DB	P	P	Co/Ta	d.gry sh, q.v.
BJ	13-Aug-00	O600447	7051197	20SBJ062	S. Got It																			metamorphic q.v. (wht), phyll, some porph. Felsic int., diorite
BJ	13-Aug-00	see	map	20SBJ063	S. Got It																			slate, q.v., minor diorite
BJ	13-Aug-00	see	map	20SBJ064	S. Got It																			phyll, slate, q.v., diorite
BJ	14-Aug-00	O599182	7062875	20SBJ065	N. Got It																			poor silt; lt grn phy, q.v., brx of tan greywacke
BJ	14-Aug-00	O599062	7063408	20SBJ066	N. Got It																			poor silt; homogenous d.brn. Volcaniclastic
BJ	14-Aug-00	O598646	7063576	20SBJ067	N. Got It																			poor silt;
BJ	15-Aug-00	O606839	7060340	20XBJ068	N. Gotcha	S	47			X		X					C	5	0	RB	P	P	Co/Ta	rusty r-b Qtzite w/ abund. Wht tension gash q.v.
BJ	15-Aug-00	see	map	20XBJ069	N. Gotcha	S	24			X				X			B/C	5	50	LB/GN	P	P	Lo/Co	d.brn - gry zst
BJ	15-Aug-00	see	map	20XBJ070	N. Gotcha	W	15			X	X						C	5	40	GB	P	P	Co/Lo	d.gry Qtzite, rusty w/ dis py c/c by wht q.v.; brn gry zst
BJ	15-Aug-00	see	map	20XBJ071	N. Gotcha	SW	21			X	X						C	5	45	GB	P	P	Co/Lo	d.gry Qtzite, rusty w/ wht q.v.
BJ	15-Aug-00	O606586	7060634	20XBJ072	N. Gotcha	SW	10			X							C	5	40	GB	P	P	Co/Lo	red-brn zst c/c by q.v. blk phy, pyritic Qtzite
BJ	15-Aug-00	see	map	20XBJ073	N. Gotcha					X	X						C	5	45	DG	P	P	Co	d.gry phy; one q.v. obs
BJ	15-Aug-00	O606798	7060614	20XBJ074	N. Gotcha					X	X			X	X		B	5	25	LB	P	P	Lo/Co	d.gry phyllite
BJ	15-Aug-00	see	map	20XBJ075	N. Gotcha	N	20			X							C	5	60	DG	P	P	Co	d.gry phyllite; wht q.v.
BJ	15-Aug-00	O607008	7060484	20XBJ076	N. Gotcha	N	10			X							C	5	50	DB	P	P	Co	d.gry phyllite/Qtzite
BJ	15-Aug-00	see	map	20XBJ077	N. Gotcha	N	8			X							C	5	30	GB	P	P	Co	d.gry phyllite
BJ	15-Aug-00	O607211	7060372	20XBJ078	N. Gotcha			X		X							B/C	5	45	GB	P	P	Co	d.gry phyllite
BJ	15-Aug-00	see	map	20XBJ079	N. Gotcha	S	5			X							B/C	5	50	GB	P	P	Co/Lo	d.gry Qtzite (pyritic) w/ rusty frac surf
BJ	15-Aug-00	see	map	20XBJ080	N. Gotcha	W	30			X							C	5	15	GB	P	P	Co/Ta	d.gry pyritic Qtzite
BJ	15-Aug-00	O606931	7060358	20XBJ081	N. Gotcha	S	25			X		X					C	5	10	GB	P	P	Co/Ta	d.gry pyritic Qtzite
BJ	15-Aug-00			20XBJ082																				non-sample
BJ	16-Aug-00	O607108	7056477	20XBJ083	S. Gotcha	NE	27			X							C	5	5	DB	P	P	Ta	d.gry phy, rare wht q.v.
BJ	16-Aug-00	see	map	20XBJ084	S. Gotcha	E	30			X							C	5	10	GB	P	P	Ta	d.gry phy, rare wht q.v.
BJ	16-Aug-00	see	map	20XBJ085	S. Gotcha	NE	30			X							C	5	0	DG	P	P	Ta	d.gry phy, rare wht q.v.

Worker's Initials	Date	Easting	Northing	Sample	Area	Valley Bottom	Direction/Angle of Slope	Hill Top	Level Ground	Spruce	Pine	Aspen	Alder	Subalpine Shrub	Permafrost	Swampy	Horizon Sampled	Width of Sampled Hz (cm)	Depth of sampled Hz (cm)	Colour	Horizon Dev (G/P)	Sorted (W/P)	Type (Sa, Si, Ta, Ti, Co, Lo)	Chip Geology
BJ	16-Aug-00	see	map	20XBJ086	S.Gotcha	NE	30										C	5	0	DG	P	P	Ta	d.gry phy, appetite (?)
BJ	16-Aug-00	O607390	7056347	20XBJ087	S.Gotcha	N	20										C	5	20	GB	P	P	Ta	d.gry phy
BJ	16-Aug-00	O607316	7056238	20XBJ088	S.Gotcha	SE	15			X							C	5	30	DB	P	P	Ta	d.gry phy
BJ	16-Aug-00	O606006	7053657	20SBJ089	S.Gotcha																			
BJ	16-Aug-00	see	map	20XBJ090	S.Gotcha	W	10										B/C	5	45	GB	P	P	Co/Lo	d.gry phyllite
BJ	16-Aug-00	see	map	20XBJ091	S.Gotcha	N	10			X				X			C	5	40	GB	P	P	Co/Lo	d.gry phyllite
BJ	16-Aug-00	see	map	20XBJ092	S.Gotcha	E	10										C	5	20	YGY	P	P	Co/Ta	lt. Yellow-cream phy (oxidized), loc rounded cobbles
BJ	16-Aug-00	O606417	7053622	20XBJ093	S.Gotcha	E	30										C	5	0	YB	P	P	Co/Ta	py +/- aspy (oxidized) bearing gossan n saddle;
BJ	16-Aug-00	"	"	20RBJ094	S.Gotcha																			select float grab of above
BJ	16-Aug-00	see	map	20XBJ095	S.Gotcha	SE	30										C	5	0	YB	P	P	Co/Ta	rusty quartz veins
BJ	16-Aug-00	see	map	20XBJ096	S.Gotcha	SE	30										C	5	0	DG/B	P	P	Co/Ta	rusty q.v. / d.gry phy
BJ	16-Aug-00	O606647	7053557	20SBJ097	S.Gotcha																			phyllites and limonitic phyllite brnx
MV	12-Aug-00	O607753	7054401	20RMV041	S.Gotcha																			select grab of dk. Cherty sh/zst w/ q.v. and sil. Zones
MV	12-Aug-00	"	"	20XMV042	S.Gotcha																			w. v. abund. Lim
MV	12-Aug-00	O607472	7054096	20XMV043	S.Gotcha																			soil from ylw. Band parallel to bedng,
MV	12-Aug-00	"	"	20RMV044	S.Gotcha																			soil on ridge on 2nd gossan; lim wx of py bearing sh
MV	12-Aug-00	see	map	20XMV045	S.Gotcha																			w/ qtz-bar veins
MV	12-Aug-00	see	map	20RMV046	S.Gotcha																			select grab of qtz-barite veins and sh w/ q.v., 1-2% py
MV	12-Aug-00	O607370	7053910	20RMV047	S.Gotcha																			in blebs and diss.
MV	12-Aug-00	O607129	7054030	20XMV048	S.Gotcha																			soil from v.yel gossan (FeOx) abund q.v., barite pods,
MV	12-Aug-00	see	map	20XMV049	S.Gotcha																			bxd py;
MV	12-Aug-00	see	map	20RMV046	S.Gotcha																			float grab of qtz-bar vein w/ 15% bxd py in phyllite
MV	12-Aug-00	O607370	7053910	20RMV047	S.Gotcha																			gossan;
MV	12-Aug-00	O607129	7054030	20XMV048	S.Gotcha																			grab from sheeted q.v in phyllite
MV	12-Aug-00	see	map	20XMV049	S.Gotcha																			soil in orange gossan w/ abund q.v., vuggy, lim and
MV	12-Aug-00	O607323	7054145	20RMV050	S.Gotcha																			few phyll frags
MV	12-Aug-00	O607492	7054275	20RMV052	S.Gotcha																			subcorp grab of qtz bx w/ ang frags of sh/phyll, variably
MV	13-Aug-00	O599956	7052152	20XMV053	S.Got It	E	5							X			F	10	0	GRY	P	P	F	ox., q.v., chalcadony, stylolites;
MV	13-Aug-00	see	map	20XMV054	S.Got It	E	15							X			F	15	0	GY/B	P	P	F	v. fol sh w/ abund q.v.
MV	13-Aug-00	see	map	20XMV055	S.Got It	E	10							X			F	10	5	B	P	P	F	select grab of var. q.v. in talus,
MV	13-Aug-00	O599943	7051833	20XMV056	S.Got It	E	20			X				X			F	10	10	GY/B	P	P	Ta	Grey shale w/ minor q.v.
MV	13-Aug-00	O600953	7052289	20SMV057	S.Got It																			Grey shale w/ minor q.v.
MV	13-Aug-00	O600549	7052593	20SMV058	S.Got It																			Grey shale w/ minor q.v.
MV	14-Aug-00	O600488	7062371	20SMV059	N.Got It																			silt sample
MV	14-Aug-00	O600505	7062103	20RMV060	N.Got It																			silt sample
MV	14-Aug-00	O600138	7061993	20XMV061	N.Got It																			float grab of q.v. and bx in sh; completely sil, 1% diss
MV	14-Aug-00	O600102	7061954	20RMV062	N.Got It																			py;
MV	14-Aug-00	O599704	7062513	20RMV063	N.Got It																			soil w/ v. abund material as above;
MV	14-Aug-00	O599727	7062984	20SMV064	N.Got It																			comp grab of q.v. and sil zones in folded phyllite
MV	15-Aug-00	see	map	20SMV065-79	off Swan																			o/c in ck.bed of qtz flooded m.gry rock w/ >50% q.v.,
MV	15-Aug-00	O597719	7052048	20XMV080	S.Got It	SW	15		X								C	10	15	mB	G	W	Co	tr.cpy;
																								shale w/ q.v.

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MV	15-Aug-00	see	map	20XMV081	S.Got It	SW	5		X								C	10	15	mB	G	W	Co	sh w/ q.v. and phyllite
MV	15-Aug-00	see	map	20XMV082	S.Got It				X								C	10	15	mB	P	P	Co	sh w/ q.v. and phyllite
MV	15-Aug-00	see	map	20XMV083	S.Got It	SE	5		X					X			C	10	10	mB	G	G	Co	phyllite and q.v.
MV	15-Aug-00	see	map	20XMV084	S.Got It	SE	10		X								C	10	10	mB	P	P	Co	phyllite
MV	15-Aug-00	see	map	20XMV085	S.Got It	E	10		X								C	15	15	mB	P	P	Co	phyllite, shale, q.v.
MV	15-Aug-00	see	map	20XMV086	S.Got It	SE	15		X					X			C	10	20	mB	P	P	Co	sh
MV	15-Aug-00	see	map	20XMV087	S.Got It	E	40							X			C	10	15	dB	P	P	Co	sh and q.v.
MV	15-Aug-00	see	map	20XMV088	S.Got It	E	5							X			C	10	20	dGY	P	P	Ta	shale
MV	15-Aug-00	see	map	20XMV089	S.Got It	N	15							X			C	10	10	GY/B	P	P	Ta	shale and q.v.
MV	15-Aug-00	see	map	20XMV090	S.Got It	NE	5							X			C	10	10	GY/B	P	P	Co	shale and q.v.
MV	15-Aug-00	see	map	20XMV091	S.Got It	N	5							X			C	10	15	mB	P	P	Co	shale and q.v.
MV	15-Aug-00	O598060	7053169	20XMV092	S.Got It																			
MV	16-Aug-00	O606264	7054537	20XMV093	S.Gotcha	W	10							X			C	10	0	L.B	P	P	Ta	sh, q.v. (vuggy, 2 phases)
MV	16-Aug-00	see	map	20XMV094	S.Gotcha	NW	15							X			C	15	0	L.B	P	P	Ta	sh, q.v. (vuggy, 2 phases)
MV	16-Aug-00	see	map	20XMV095	S.Gotcha	NW	25							X			C	20	0	GY	P	P	Ta	shale
MV	16-Aug-00	see	map	20XMV096	S.Gotcha	NW	25							X			C	10	10	TAN	P	P	Ta	shale
MV	16-Aug-00	see	map	20XMV097	S.Gotcha	NW	35							X			C	20	0	TAN	P	P	Ta	phyllite, v. little sh
MV	16-Aug-00	see	map	20XMV098	S.Gotcha	NW	35							X			C	10	0	GY	P	P	Ta	phyllite, shale, q.v.
MV	16-Aug-00	see	map	20XMV099	S.Gotcha	NW	30							X			C	10	10	GY/B	P	P	Ta	phyllite, shale, q.v.
MV	16-Aug-00	O806795	9054876	20XMV100	S.Gotcha	NW	25			X				X			C	10	10	TAN	P	P	Ta	phyllite, shale, q.v.
MV	16-Aug-00	see	map	20XMV101	S.Gotcha	W																		comp. sample of dense q.v.ing and qtz bx in fault
MV	16-Aug-00	see	map	20XMV102	S.Gotcha	W	35											10	0	GY	P	P	Ta	shale, q.v.
MV	16-Aug-00	see	map	20XMV103	S.Gotcha	W	35											10	0	L.B	P	P	Ta	shale, q.v.
MV	16-Aug-00	see	map	20XMV104	S.Gotcha	W	35			X				X				10	0	GY/B	P	P	Ta	shale
MV	16-Aug-00	see	map	20XMV105	S.Gotcha	W	35			X				X				10	0	GY	P	P	Ta	shale
MV	16-Aug-00	see	map	20XMV106	S.Gotcha	W	35			X				X			C	10	10	GY/B	P	P	Ta	shale, q.v.
MV	16-Aug-00	see	map	20XMV107	S.Gotcha	NW	35											10	0	L.B	P	P	Ta	shale
MV	16-Aug-00	see	map	20XMV108	S.Gotcha	W	35			X				X			C	10	10	M.B	P	P	Ta	shale, q.v.
MV	16-Aug-00	see	map	20XMV109	S.Gotcha	W	30			X				X			C	10	10	OR.B	P	P	Ta	shale
MV	16-Aug-00	see	map	20XMV110	S.Gotcha	W	30			X				X			C	10	10	M.B	P	P	Ta	shale
MV	16-Aug-00	see	map	20XMV111	S.Gotcha	W	30			X				X			C	10	10	M.B	P	P	Ta	shale
MV	16-Aug-00	see	map	20XMV112	S.Gotcha	W	30			X							C	10	10	OR.B	P	P	Ta	shale
MV	16-Aug-00	see	map	20XMV113	S.Gotcha	W	30			X							C	10	10	OR.B	P	P	Ta	shale
MV	16-Aug-00	see	map	20XMV114	S.Gotcha	NW	30			X							C	10	10	OR.B	P	P	Ta	shale
MV	16-Aug-00	O807256	7055413	20XMV115	S.Gotcha	NW	30			X							C	10	10	GY/B	P	P	Ta	shale, q.v.
MG	12-Aug-00	see	map	20SMG001	S.Gotcha																			
MG	13-Aug-00	see	map	20SMG002	S.Got It																			
MG	13-Aug-00	see	map	20SMG003	S.Got It																			
MG	13-Aug-00	see	map	20SMG004	S.Got It																			
MG	14-Aug-00	see	map	20SMG005	N.Got It																			
MG	15-Aug-00	O598407	7062287	20XMG006	N.Got It	W	20							X			B	30	BRN	G	P	Co	phyllite	
MG	15-Aug-00	O598401	7062172	20XMG007	N.Got It	W	20							X			B	15	BRN	G	P	Co	phyllite + shale w/ q.v.	
MG	15-Aug-00	O598419	7062068	20XMG008	N.Got It	SW	20							X			B/C	30	BRN	P	P	Co	phyllite	
MG	15-Aug-00	O598462	7061969	20XMG009	N.Got It	SW	25							X			B/C	30	BRN	P	P	Co	phyllite	
MG	15-Aug-00	O598514	7067881	20XMG010	N.Got It	SW	25							X			B/C	35	BRN	W	P	Co	phyllite	
MG	15-Aug-00	O598587	7061803	20XMG011	N.Got It	SW	25							X			B/C	35	BRN	W	P	Co	phy + shale/slate	
MG	15-Aug-00	O598680	7061750	20XMG012	N.Got It	SW	25							X			B/C	30	BRN	W	P	Co	phy	
MG	15-Aug-00	O598786	7061736	20XMG013	N.Got It	SW	30							X			B/C	25	BRN	W	P	Co/Ta	phy + sha + slate	

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MG	15-Aug-00	0598890	7061753	20XMG014	N. Got It	S	30										B/C	25	25	BRN	W	P	Co/Ta		
MG	16-Aug-00			staking																					
KS	12-Aug-00	see	map	20XKS039	S. Gotcha	NE	45			X							C	15	25	B	M	P	Co	Sh, q.v.	
KS	12-Aug-00	see	map	20XKS040	S. Gotcha	NE	45			X							C	15	20	B	M	P	Co	Sh, q.v.	
KS	12-Aug-00	see	map	20XKS041	S. Gotcha	E	45			X				X			C	11	15	B	M	P	Co	Sh, q.v.	
KS	12-Aug-00	see	map	20XKS042	S. Gotcha	SE	45			X				X			C	20	25	B	M	P	Co	Sh, q.v.	
KS	12-Aug-00	see	map	20XKS043	S. Gotcha	SE	45			X				X			C	10	25	B	M	P	Co	Sh, q.v.	
KS	12-Aug-00	see	map	20XKS044	S. Gotcha	SE	45			X				X			C	15	20	B	M	P	Co	Sh, q.v.	
KS	12-Aug-00	0608288	7054559	20XKS045	S. Gotcha	SE	45			X				X			C	10	10	B	M	P	Co	Sh, q.v.	
KS	12-Aug-00	see	map	20XKS046	S. Gotcha	NE	45			X							C	5	25	B	M	P	Co	Sh	
KS	12-Aug-00	see	map	20XKS047	S. Gotcha	NE	45			X				X			C	5	30	B	M	P	Co	Sh	
KS	12-Aug-00	see	map	20XKS048	S. Gotcha	NE	45			X				X			C	10	30	B	M	P	Co	Sh, q.v.	
KS	12-Aug-00	see	map	20XKS049	S. Gotcha	E	45			X				X			C	5	20	B	M	P	Co	Sh, q.v.	
KS	12-Aug-00	0608225	7054973	20XKS050	S. Gotcha	SE	45			X				X			C	10	30	B	M	P	Co	Sh, q.v.	
KS	12-Aug-00	see	map	20XKS051	S. Gotcha	E	45			X				X			C	10	25	B	M	P	Co	Sh	
KS	12-Aug-00	see	map	20XKS052	S. Gotcha	E	45			X				X			C	10	25	B	M	P	Co	Sh, q.v.	
KS	12-Aug-00	see	map	20XKS053	S. Gotcha	E	45			X				X			C	10	30	B	M	P	Co	Sh	
KS	12-Aug-00	0608162	7055240	20XKS054	S. Gotcha	NW	35			X				X			C	5	25	B	M	P	Co	Sh	
KS	12-Aug-00	see	map	20XKS055	S. Gotcha	NW	45			X							C	5	25	B	P	P	Co	Sh	
KS	12-Aug-00	see	map	20XKS056	S. Gotcha	NW	45			X				X			C	5	20	B	P	P	Co	Sh	
KS	12-Aug-00	see	map	20XKS057	S. Gotcha	N	45			X				X			C	5	25	B	P	P	Co	Sh	
KS	12-Aug-00	0607725	7055181	20XKS058	S. Gotcha	NE	45			X							C	5	25	B	P	P	Co	Sh, q.v.	
KS	12-Aug-00	see	map	20XKS059	S. Gotcha	NE	45			X							C	10	20	B	M	P	Co	Sh, q.v.	
KS	12-Aug-00	see	map	20XKS060	S. Gotcha	N	25			X							C	10	20	B	M	P	Co	Sh, q.v.	
KS	12-Aug-00	see	map	20XKS061	S. Gotcha	N	25			X							C	10	20	B	M	P	Co	Sh, q.v.	
KS	12-Aug-00	0607562	7055011	20XKS062	S. Gotcha	W	10			X				X			C	10	15	B	M	P	Co	Sh, q.v.	
KS	13-Aug-00	see	map	20RKS063	S. Got It		0			X														quartz	
KS	13-Aug-00	see	map	20SKS064	S. Got It		0			X														sandstone/qtz	
KS	13-Aug-00	see	map	20XKS065	S. Got It		0			X														sh, quartz	
KS	13-Aug-00	0598578	7052679	20XKS066	S. Got It	E	30			X		X					C	5	40	B	P	P	Co	sh	
KS	13-Aug-00	see	map	20XKS067	S. Got It	E	25			X		X					C	10	45	B	M	P	Co	sh, quartz	
KS	13-Aug-00	see	map	20XKS068	S. Got It	E	26			X		X					C	10	35	B	M	P	Co	sh, quartz	
KS	13-Aug-00	see	map	20XKS069	S. Got It	E	26			X		X	X				C	10	45	B	M	P	Co	sh, quartz	
KS	13-Aug-00	see	map	20XKS070	S. Got It	E	45			X		X	X				C	5	30	B	M	P	Co	sh, quartz vein outcrop	
KS	13-Aug-00	0598820	7053031	20XKS071	S. Got It	E	15			X		X					C	15	40	B	M	P	Co	sh, quartz	
KS	13-Aug-00	0599031	7053101	20SKS072	S. Got It		0			X															
KS	13-Aug-00	0599507	7053475	20SKS073	S. Got It		0			X															
KS	14-Aug-00	0599696	7060105	20SKS074	N. Got It		0			X				X										mudstone, glacial rx, qtz	
KS	14-Aug-00	see	map	20SKS075	N. Got It		0			X				X										mudstone, glacial rx, qtz	
KS	14-Aug-00	see	map	20SKS076	N. Got It		0			X				X										sh, sed. conglom, qtz, glacial rx	
KS	15-Aug-00	see	map	20XKS077	N. Got It	NW	25			X				X			C	10	20	B	M	P	Co	sh, qtz	
KS	15-Aug-00	see	map	20XKS078	N. Got It	NW	25			X				X			C	15	25	B	M	P	Co	sh, qtz	
KS	15-Aug-00	see	map	20XKS079	N. Got It	NW	35			X				X			C	15	25	B	M	P	Co	sh, qtz	
KS	15-Aug-00	0598690	7062536	20XKS080	N. Got It	N	35			X				X			C	15	25	B	M	P	Co	sh, qtz	
KS	15-Aug-00	see	map	20XKS081	N. Got It	N	35			X				X			C	15	20	B	M	P	Co	sh, qtz	
KS	15-Aug-00	see	map	20XKS082	N. Got It	NE	30			X				X			C	15	20	B	M	P	Co	sh, qtz	
KS	15-Aug-00	see	map	20XKS083	N. Got It	NE	45			X							C	10	15	B	M	P	Co	sh, qtz	
KS	15-Aug-00	see	map	20XKS084	N. Got It	N	45			X							C	10	15	B	M	P	Co	sh, qtz, mafics, siliceous rox	

Worker's Initials	Date	Easting	Northing	Sample	Area	Valley Bottom	Direction/Angle of Slope	Hill Top	Level Ground	Spruce	Pine	Aspen	Alder	Subalpine Shrub	Permafrost	Swampy	Horizon Sampled	Width of Sampled Hz (cm)	Depth of sampled Hz (cm)	Colour	Horizon Dev (G/P)	Sorted (M/P)	Type (Sa, Si, Ta, Tl, Co, Lo)	Chip Geology
KS	15-Aug-00	see	map	20XKS085	N. Got It	NE	45			X							C	15	20	B	M	P	Co	sh, qtz, sandstone
KS	15-Aug-00	O599234	7062453	20XKS086	N. Got It	NE	45			X							C	5	10	B	M	P	Co	sandstone, qtz
KS	15-Aug-00	see	map	20XKS087	N. Got It	NE	45			X				X			C	10	15	B	M	P	Co	sh, qtz
KS	15-Aug-00	see	map	20XKS088	N. Got It	NE	45			X				X			C	10	15	B	M	P	Co	sh, qtz
KS	15-Aug-00	see	map	20XKS089	N. Got It	NE	45			X				X			C	10	15	B	M	P	Co	sh, qtz
KS	15-Aug-00	see	map	20XKS090	N. Got It	NE	45			X				X			C	10	15	B	M	P	Co	sh, qtz, sandstone, mat
KS	15-Aug-00	O599544	7062078	20XKS091	N. Got It	NE	45			X				X			C	10	15	B	M	P	Co	sh, qtz, mat
KS	15-Aug-00	see	map	20XKS092	N. Got It	NE	45			X				X			C	10	10	B	M	P	Co	sh, qtz, mat, ch
KS	15-Aug-00	see	map	20XKS093	N. Got It	N	45			X							C	10	10	B	M	P	Co	sh, qtz, mat
KS	15-Aug-00	see	map	20XKS094	N. Got It	N	45			X							C	10	15	B	M	P	Co	sh, qtz, mat
KS	15-Aug-00	see	map	20XKS095	N. Got It	N	45			X							C	10	10	B	M	P	Co	sh, qtz, mat
KS	15-Aug-00	O600014	7062136	20XKS096	N. Got It	NE	45			X							C	10	10	B	M	P	Co	sh, qtz
KS	16-Aug-00	O609344	7064520	20SKS097		0				X			X	X										qtz, sh, glacial rock
KS	16-Aug-00	O609150	7055036	20SKS098		0				X				X										qtz, sh
KS	16-Aug-00	O607879	7055794	20SKS099		0																		

Project: SWAN LAKE	Area: Gnd: SOUTH GORCHA	Collector: B. Jaworski	Date: 12 AUG '00
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Sample Location	Sample #	Notes	Topography			Vegetation					Soil Data			Geology							
			Valley Bottom	Direction/Angle of Slope	Hill Top	Level Ground	Spice	Pine	Aspen	Alder	Subalpine Shrub	Potential	Swampy		Horizon Sampled	Width of Sampled Hz	Depth to Sampled Hz	Colour	Horizon Dev (G.P)	Sorted (W.P)	Type (G.S.I. or T.C.G.)
Easting	Northing																			Chis Geology	
(82) 08V	0608030	7054001	20XBJ041	100m	10S															Co blk sh / m st; loc. wht q.v.	
(83) 08V	0607956	7053981	42	100m	13S															Co blk sh / rusty fine gr. sh	
			43	100m	13S															Co blk sh / wht. loc. rusty q.v. up to 10cm wide (q.v. below)	
			44	100m	13S															Co d. gm sh;	
24) 08V	0607997	7053954	20RBJ045	select float grab	13S															Yellow rusty qtz veins	
			20XBJ046																		d. gm sh; Vlt rusty, wht qtz veins
			20SBJ047	ORFEL SALT (~ 1/2 km. W. of here)																	
			20XBJ048		13W																lt. gm phyllite
			20XBJ049		13SE																" "
			20XBJ050		13SE																lt. gm phyllite / wht rusty sh veins
(85) 08V	0607621	7053400	20XBJ051	slope crest 100m creek @ 30m	13E																d. gm sh / wht rusty sh veins
			20XBJ052	slope crest 100m	13S																d. gm sh / wht rusty sh
(86) 08V	0607477	7053275	20XBJ053	on ridge line; "	12S																d. gm sh / local wht q.v.
(87) 08V	0607475	7053192	20XBJ054	on slope crests 100m (cross slope)	13S																d. gm phyllite / local wht q.v. (rusty)
			20XBJ055		13S																d. gm sh / phyll / rusty wht q.v.
			20XBJ056		13S																d. gm phyllite / note: out of prop sh block q.v. (rusty)
			20XBJ057		13S																" "
Rock			20RBJ058	Halus Composite rock	13S																lt. gm (dull) shale; rusty fine gr. sh
(88) 08V	0607014	7053162	20XBJ059		13W																dull grey marble etc by sawing fault line

▲ 20RBJ060 select float grab

20XBJ061 150m

30%

✓

C 5 30 DB P P

TA

rusty massive q.v.

rusty massive q.v.'s along like shale (see frags up in vein)

d. gm sh / q.v.

(101) 08V 0606439 7059936 HELI PAD

(100) 08V 0606439/ 7060358 208BJ 081 flank of talus train 25S 20W

C 5 10 GB P P Co d. gny phyllite quartz  
C 5 15 GB P P Co d. gny phyllite quartz

Project: PROSPECTOR	Area: SWAN LAKE	Collector: B. JAMESON	Date: 13 AUG '00 / 14 AUG '00 / 15 AUG '00
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Sample Location	Sample #	Notes	Topography		Vegetation		Soil Data				Geology							
			Valley Bottom	Direction/Angle of Slope	Level Ground	Shrub	Aspen	Alder	Subalpine Shrub	Foramulifer		Swampy	Horizon Sampled	Width of sampled Hz	Depth to sampled Hz	Colour	Horizon Dev (G.P.)	Sorted (W.P.)
Easting	Northing																	Chid Geology
08V 0606439	7051197	208BJ 062	SILT															metamorphic gneiss (quartzite) Some porphyritic int. (quartz)
08V 0606439	7051066	HELIX PAD																phyllite, slate, g.v. diorite
08V 0606439	7062875	208BJ 065	no good silts; silt/sand from creek bed															lt. gny phyllite / quartzite mass of tal. gneiss
08V 0606439	7063408	208BJ 066	no good silt; clay from talus															homogeneous hol. gny. phyllite
08V 0606439	7063576	208BJ 067	poor silt															
- 15 AUG 2000 - NE BLOCK - (N. GUSHA)																		
08V 0606839	7060340	208BJ 068	outcrop face bottom	14/S														mostly red-brown quartzite (quartzite) w. phyllite
		069	100m	14/S														lt. gny phyllite - g.v. zst
		070	100m	15/W														lt. gny phyllite; mostly in d. gny. phyllite
		071	100m	15/SW														lt. gny phyllite; mostly in d. gny. phyllite
08V 0606586	7060634	072	one rounded cobble no matrix in	10/SW														red-brown quartzite (quartzite) w. phyllite
		073	100m															lt. gny phyllite; fine g.v. obs.
08V 0606798	7060614	074	100m															lt. gny phyllite
		075	160m															lt. gny phyllite / quartzite
08V 0607008	7060484	076	100m subrounded cobble - matrix?	11/W														lt. gny phyllite / quartzite
		077	100m	18/N														lt. gny phyllite
08V 0607211	7060372	078	100m - subrounded cobbles - one subrounded cobble															lt. gny phyllite
		079	100m - subrounded cobbles															lt. gny phyllite

W check phyllite diorite

lt. gny phyllite / quartzite

mostly red-brown quartzite (quartzite) w. phyllite

lt. gny phyllite; mostly in d. gny. phyllite

red-brown quartzite (quartzite) w. phyllite

lt. gny phyllite

Project: PROSPECTOR Area: SWAN Collector: B. Jaworski Date: 16 AUG '00  
 Gnd: SOUTH GOTCHA

Sample Location		Sample #	Notes	Topography		Vegetation					Soil Data			Geology									
Easting	Northing			Valley Bottom	Direction/Angle of Slope	Hill Top	Level Ground	Shrub	Pine	Aspen	Alder	Subalpine Shrub	Potential	Swampy	Horizon Sampled	Width of sampled Hz	Depth to sampled Hz	Colour	Horizon Dev (G, P)	Sorted (W, P)	Type (Sn, Sl, Ta, Ll, Col, L)	Chip Geology	
08V (103)	0607108	7056477	20XB5083	100m	P/NE										C 5 5	DB	P	P	TA			d. grey phyllite / v. fine	
		084	100m		P/E										C 5 10	KB	P	P	TA				
		085	120m		P/NE										C 5 0	DB	P	P	TA				
		086	25m		P/E																		
08V	0607310	7056377	087	100m	P/N										C 5 0	DB	P	P	TA			d. grey phyllite / v. fine	
08V	0607316	7056238	088		P/S										C 5 10	DB	P	P	TA			d. grey phyllite	
NEW LOCATION																							
08V	0607364	7054285	205BJ089	SILT																			
08V	0606006	705365	20XB5090	thin subrounded cobbles	10/W																	lt. grn tan, d. grey shale & phyllites	
			20XB5091	100m	10/N										1/4	5 4 5	GB	P	P	Co	Co	d. grey phyllites	
			20XB5092	200m	10/E										C 5	10	GB	P	P	Co	Co	d. grey phyllites	
08V	0606417	7053622	20XB5093		10/E										C 5	120	17	GB	P	P	Co	TA	lt. yellow-green phyllite / calc. and ls. nodules
			20RB5094												C 5	10	17	GB	P	P	Co	TA	pyrit. aspy (ox. cd) nodules in zone - saddle
			20XB5095	110m NE along saddle	10/E																	select float grab of above	
			20XB5096	120m NE along saddle	10/E										C 5	10	17	GB	P	P	Co	TA	rusty grey veins
08V	0606477	7053587	205BJ097	SILT											C 5	10	17	GB	P	P	Co	TA	rusty grey vein / d. grey phyllite phyllites & limonitic phyllite

106/90

▲ 20RMV011 8 m COMPOSITE ACROSS C.C.

Q. RICH GRANULAR FELSITE (?) LOC QTZ PPy.  
 W QTZ & CHALCEDONY VEINS // CLUG < 3 mm.  
 FEW LEACHED OUT XTLS (Py?).

▲ 20RMV012 GRAB FROM SIL. BX. ~ 1 m WIDE  
 WITHIN FELSITE UNIT. CONTIG. W -011.

ANGULAR FRGMENTS OF WHITE, PRTLY LEACHED OUT  
 F.S. INTR (AS-04) < 5 cm WITHIN A DK GRAY  
 MX (APPEARS AS Q.F.PPY). ANGULAR FRGMENTS  
 OF QZ. & FSP. IN F.S. DK GRAY MX. DRUSY  
 Q-VNS < 3 mm ACROSS BX.

▲ 20RMV013 1.5 m CHIP ACROSS FLTD (166/80)  
 FELSITE AS -011 W 2-3% DISS. PPy. (FAULT?)  
 BETW. -10 AND -11 IN CAR. BOTTOM.

▲ 20RMV014 ~ 100 m @ ~ 150' FROM -013.

GRAB FROM V. SIL. GRANULAR (QTZ?) TALUS.  
 QTZ VNS < 5 cm. LIMTC WTHRS. SOME QTZ  
 VNS. VUGGY. ALMOST PURE SILICA.

EOL (● 20X MV019) @ 529706/7087096

ALSO: POST 2 YC 13373, 13374

POST 1 YC 13375, 13376 LOBO (?)

AUG 11 TEN MILE

(H) @ 556870/7037118 9:30 AM  
 DK GRN MED GRND INTMOI → MAFLC INTRUSIVE  
 PRTLY BLCND MICA BOOKS < 3 mm.  
 WK FLTN. @ 027/546

● 20X MV020 @ 556600/7037264

HELI PAD @ 575 m.

CLAIM POSTS 0554838/7037164

POST 1 YC 13211 13212 } ALREADY TAGGED  
 POST 2 YC 13209 13210 } NO NAME

SAME LOC 99X BM 028

25 m @ 045 FROM THIS PT.

● 20X MV040 @ 554649/7037172 POOR GPS COV

AUG 12 SWAN LAKE SE

(H) @ 807753/7054401 AT YEL. GOSSAN, COND

▲ 20RMV041 SELECT GRAB OF DK. GRAY SHALE / EST

W QTZ VNS & SIL ZONES W. V. ABOT. LIM.

1-2% PPy IN SIL. PODS. BDRG @ 132/41 MET

FLTD @ 046/36 NW. QTZ VNS MOSTLY // BDRG

ABOT. PY. BRUX IN SIL ZONES & Q.V.

● 20X MV042 SOIL FROM YEL. BAND // BDRG IN

SAME OC AS -041

SAME LOC: 8 CLAIM POSTS HARD TO READ.

INCL: POST 1 GOTCHA 35

1 GOTCHA 36

WP GOTCHA 60

-20RMV041 CONT'D.

BDS LOC. BENT AROUND CHEERY NODULES.

↳ W INCR. Q.V.

ALSO CHALCED. VNS & MULTIPHASED Q.V.

50 m S ALONG RIDGE, LARGE O/C AREA OF V

FISSURE SH. FLTN. @ 089/22 N

ST @ 173/75 E. VUGGY QTZ VNS & 20 cm WIDE // CLUG

@ 045/66 NW. LIM IN VNS.

N 70 BEARING 2nd GOSSAN  
+ Q.V.  
SHALE W STRONG FLTN @ 002/74 W ST. 081/86 S

● 20X MV043 607472/7054095 ON RIDGE  
SOIL ON RIDGE IN 2nd GOSSAN. LIMONITIC WITH  
OF PY BEARING SH W Q-BAR. UNS →

● 20R MV044 SELECT GRAB OF QTZ-BARITE, UN. MATL  
+ SHALE W Q.V. SW // FLTN. 1-2% PY <sup>AS</sup> HT BLOSS  
2 mm, DISSEM IN Q.V.

SAMPLES -043, -044 IN AREA OF SH. W STRONG FLTN

@ 088/36 NW ↓ JOINTS @ 102/65 S  
STRONG CLUG 170/70 W. ABBT QTZ ± Bx UNS // CLO

● 20X MV045 ~ 50 m @ 165° FROM -043, -044.  
SAME GOSSAN, BUT BELOW CLIFFS IN TALUS. CLIFFS  
V. YLW (FeOx). ABBT. Q.V. < 10 cm MOSTLY  
// FLTN. ALSO Bx<sup>AS</sup> POOS & IN VEINS SOME  
POOS W < 20% BXTD PY. →

● 20R MV046. FLOAT GRAB (SAME LOC AS -045) OF  
QTZ (+ Bx?) VN W 15% BXTD PY IN PHYLLITE  
GOSSAN ~ 25-30 m WIDE TRDG ~ 165°

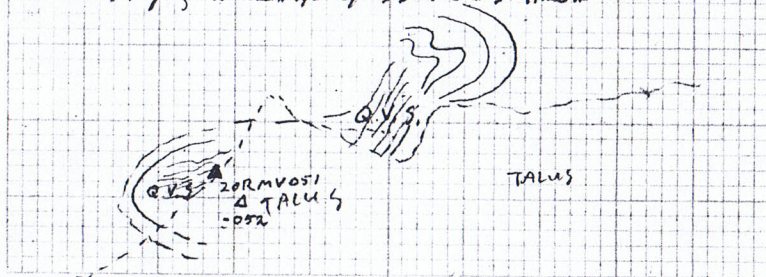
● 20R MV047 607770/7053910 PHYLLITE  
GRAB FROM SHEETED Q.V. SW IN ~~SHALE~~ SHALE. W  
LTH @ 110/15 N. Q.V. < 15 cm, LOC. VUSSY @ 060/40 W,  
OBLIQUE TO FLTN. COP (< 1%) IN VNS. ALSO Q.V. < 5 cm  
ALONG STS (025/68 E)

● 20X MV048 607129/7054030  
● 20X MV049 15 m NW OF -048.  
2 SOILS IN ORANGE GOSSAN W. V. ABBT. Q.V. MATL  
(FOLDS/MERGERS), VUSSY W LIM. & FEW PHYLLITE  
FRGMS. ALSO LIMONITIC STYLOLITES Q.V. < 15 cm WIDEN  
A.O.S. O/L. PHYLLITE. FLTD @ 172/20 W.  
STRONG CLUG W SHEETED Q.V. SW @ 000/75 E W  
Q.V. < 5 mm, 20/30 /m. LIMONITIC. NO CARB, NO MIN

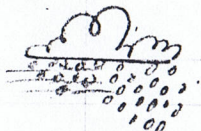
● 20R MV050 607323/7054145  
SUBC GRAB OF QZ Bx W ANGULAR FRGMS OF  
SHALE/PHYLL, VARIABLY OXIDIZED. BOTH CRACKLE  
& Mx. SUPPORTED Bx. MULTIPHASE QTZ VNS,  
BOTH VUSSY QTZ & CHALCEDONY. STYLOLITES &  
1-2% PY IN QTZ VNS & Mx.  
SAMPLE IN AREA OF FLTD (054/24 NW) SHALES (COP  
@ 000/30 E. CLUG @ 163/36 W. MANY SMALLER  
QTZ STR < 3 mm W V. ABBT S & Z FOLDS

● 20R MV051. V. FOLIATED SHALE W ABBT QTZ  
VNS. PREDOM. DRETS: 063/75 NW // CLUG &  
114/18 N. FLTN @ 175/27 E. ABBT JAR/MELANT.  
COATING. LOC ~ 20 m @ 086° FROM -052. 2.0m CHIP

● 20R MV052 607492/7054275  
SELECT GRAB OF VAR. QTZ. UN. MATL. IN TALUS  
(~ 10-15% Q.V.). ALSO QTZ. Bx. PTLY LEACHED.  
ABBT. LIM. BELOW AREA OF INTENSE VEINING  
& FOLDING, A LARGE GOSSANOUS AREA



Aug 13 SILTS AT SWAN LAKE SW



FELSPHERS

(H) @ 599956 / 7052152 2 PM

20X MV053 AREA OF GRAY SH, FLD. FEW Q.V.

20 m W OF 250 m ON SOIL LINE:

FLT'D (106/195) GRAPHITIC SH. QTZ VMS < 5 cm

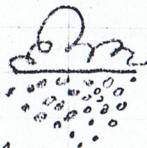
// FLT'D. FEW Bx ZONES & SH CLASTS. FEW LEACHED POOLS

20X MV056 599943 / 7051833

20SMV057 @ 600953 / 7052289

20SMV058 @ 600549 / 7052593

Aug 14 SWAN LAKE NW. SILTS



(H) @ 600395 / 7062847 10:30 AM

Loc 600488 / 7062371

O/C. AREA E SIDE OF CREEK. SHALE

FLT'D // B06 @ 120/23 N. JT @ 024/76 E

20SMV059 SILT @ SAME LOC.

ABDT WHITE PPT.

250 m UPSTREAM. SH. @ 075/9 N.

SILT Q.V. < 5 mm @ 038/62 SE

20 m UPSTREAM < 15 cm VMS.

20RMV060 @ 600505 / 7062103

FLAT GRAB. Q.V. SW. + Bx IN DK. GR. SH. COMPLY  
SILICIFIED. BANDED TXT. IN VMS. < 1% DISS. PY.

20X MV061 @ 600138 / 7061993

SOIL (T.F.) IN CHUTE W V. ABDT. MATL AS -060.  
2-3% Ox. PY (Bxw)

50 m N. LONG (UP-DOWN) O/C OF PHYLLITE.

FLT'D @ 085/13 N. JT @ 160/87 N.

20RMV062 600102 / 7061954

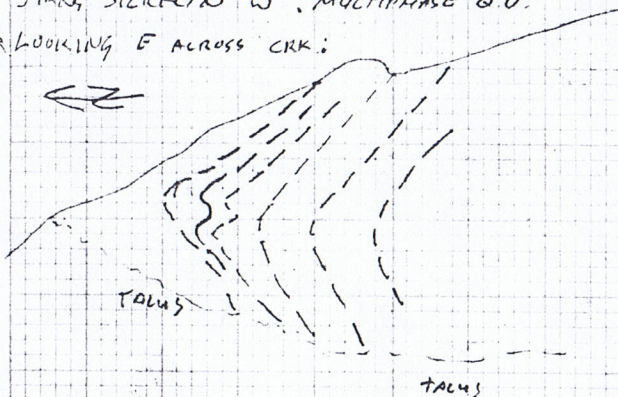
SOURCE OF -060 IN O/C. FOLDED PHYLLITE.

AP = FLT'D (085/13 N) FA = 10 → 271

AC POINT 160/87 N. V. ABDT AV. + SIL. ZONES

Q.V. + SIL. ZONES MOSTLY // FLT'D. COMPOSITE GRAB  
STRONG SILK FLT'D W. MULTIPHASE Q.V.

\* LOOKING E ACROSS CRK.



20RMV063 599704 / 7062513

O/C AREA IN CREEK BED OF QTZ FLOODED MED. GRND RCL

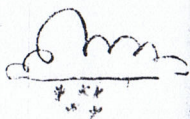
TEXTURE. FAVED BY SILICIFICATION. > 50% QTZ. V.M.

BXTD. WK. LAYERING (?) 160/35 E. FCC. CPY

CLV9 170/90 W QTZ. VMS.

20SMV064 599727 / 7062964 POOR GPS

Aug 15 Mt. Joy.



- 20RMV066<sup>5</sup> Gouge zone 5 m wide TRDG 136°  
 Loc 609954/7068881. CREAM-WHITE TO  
 PISTACHIO. INCL. QZ-CHALCED UN. MATL WC  
 10% PY. SCO. STAIN. (-066)
- 20RMV066 QZ-CHALCED SUBC. VEINS & 15 cm.  
 10-15% GUM. PY. SCORODITE STN. PTRY. LCHD  
 ALL V SIL FRGMENTS OF SED RX IN BX. ALSO AM. PY
- 20RMV067 WR TO -065 -066. F4. QZITE W  
 2% F DISS PY. BUG 004/44 W. SHEETED  
 QZ UN < 3 mm W ~ 50% PY @ 024/75 E.  
 U. ABOT. LIM.

- 20RMV068 610038/7068894  
 SOIL AT CONTACT W B10 Gd. (TRDG 005°)
- 20RMV069 SAME LOC. GRAB FROM PYRITIC  
 SED RX. (QZITE?)

CLUG THROUGH Gd @ 020/65 E.  
 CONTACT AT NXT RIDGE N @ 032

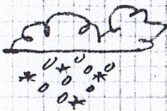
- 20RMV070 40 m @ 110° FROM -069  
 DENSE Q.V. SW < 3 mm @ 082/90 S IN Gd.  
 COMPOSITE GRAB. CLUG @ 174/80 W

- 20XMV071 609957/7068741 T.F. IN SEDS  
 72 40 m W OF -071  
 73 30 m W OF -072  
 74 609824/7068717  
 75 60 m W OF -074
- R 76 611020/7069000 Q.V. & BX  
 GRAB IN SED. RX. N/A CONTACT. VUGGY.
- X 77 70 m W OF -76 ALONG RIDGE.  
 ORANGE SOIL IN SED RX 20 m FROM CONTACT
- X 78 BETW 75 & 76. SOIL IN MATA OR  
 QZ UN IN SED. RX. VUGGY JOINS.
- 20SMV079 SILT @ 611990/7069628

AFTERNOON BACK TO SW BLOCK. LINE @ 020° S

- 20XMV080 @ 597719/7052048  
 10 m BEFORE -087:  
 PHYLLITE. FLTN @ 094/31 N  
 Q.V. < 20 cm // FLTN. LOC. VUGGY. SOME CHL ALONG  
 OF PHYLLITE → UK LIM STN.  
 O/C CONTINUES 100 MORG W @ 060°  
 2nd o/c 80 m EAST -087  
 3rd o/c 10-30 m EAST -089 TWDS W 80 m <sup>DIPSLATE</sup>
- 20XMV082 EOL COARSE TALUS N.S.  
 598060/7053169.

AUG 16 FINISH SWAN LAKE (SE)



(H) @ 606724/7054452 9:30 AM

- 20XMV093 @ 606264/7054537  
 AREA OF SHALES FLTD @ 107/30 N

NOON HELL MOVE BACK TO GOSSAN.  
 30 m @ 174° FROM -051 SLICKS LL  
 @ 13 → 198° MON 018/80 W MA-SEX FAULT  
 TRDG 178

587 m 44 43 1  
41 42 2

FOLDED SHALE F.A: 10 → 340 AC ST: 074/90

▲ 20X MV 101 50 m @ 182 FROM -051. COMPOSED  
OF V. DENSE QTZ. VUG (60% VOL) + QZ BK  
IN FAULT.

● 20X MV 102 607482/7054343  
T.F. AT EDGE OF MORRAINE

SH. O.C. AT 20X MV 103 FLTN: 140/32 NW  
20X MV 115 607257/7055413

AUG 17 OFFICE / SHIPMT / ERRANDS



Project: ~~PR...~~ Area: SWAN LAKE SW Collection: MARCOV Date: Aug 15

Sample Location	Sample #	Notes	Topography		Vegetation							Soil Data			Geology				
			Valley Bottom	Direction/Angle of Slope	Hill Top	Level Ground	Spruce	Pine	Aspen	Alder	Subalpine Spruce	Populus	Swampy	Horizon Sampled		Width of sampled Hz	Depth to sampled Hz	Colour	Horizon Dev (G, P)
Easting	Northing	20x MV-																	Chis Geology
		-080	15 SW		✓							C	10	15	Med GM	G	W	Co	SH w Q.V.
		-081	5 S		✓							C	10	15	Med GM	G	W	Co	SH w Q.V. + PHYLLITE
		-082			✓	✓						C	10	15	Med GM	P	P	Co	SH w Q.V. + PHYLLITE
		-083	5 SE		✓				✓			C	10	10	Med GM	G	P	Co	PHYLLITE + Q.V.
		-084	10 S		✓							C	10	10	Med GM	P	P	Co	PHYLLITE
		-085	10 E		✓							C	15	15	Med GM	P	P	Co	PHYLLITE - SH - Q.V.
		-086	15 SE		✓				✓			C	10	20	Med GM	P	P	Co	SH
		-087	40 E						✓			C	10	15	OK GM	P	P	Ta	SH + Q.V.
		-088	5 E						✓			C	10	20	OK GM	P	P	Ta	SH
		-089	15 N						✓			C	10	10	OK GM	P	P	Ta	SH + Q.V.
		-090	5 NE						✓			C	10	10	OK GM	P	P	Co	SH + Q.V.
		-091	5 N						✓			C	10	15	OK GM	P	P	Co	SH + Q.V.

Project: PROSPECTOR Area: SWAN LAKE SE Collector: MARCO V Date: Aug 16  
 Gnd:

Sample Location		Sample #	Notes	Topography		Vegetation					Soil Data				Geology								
Easting	Northing			Valley Bottom	Direction/Angle of Slope	Hill Top	Level Ground	Spruce	Pine	Aspen	Alder	Subalpine Shrub	Potential	Swaymy	Horizon Sampled	Width of sampled Hz	Depth to sampled Hz	Colour	Horizon Dev (G, P)	Sorted (W, F)	Type (Su, St, Ta, Tl, Co, F)	Chip Geology	
		20X MV -	(L1)																				
		-093		10W								✓			C 10 01	ST			P P Ta				SH + QU V. LI
		-094		15 NW								✓			C 15 01	ST			P P Ta				
		-095		15 NW								✓			C 20 01	SKY			P P Ta				SHALE
		-096		125 NW								✓			C 10 10	TAN			P P Ta				"
		-097		135 N								✓			C 12 01	TAN			P P Ta				PHYLLITE - V. LI
		-098		135 N								✓			C 10 01	KRY			P P Ta				PHYL / SH
		-099		130 N								✓			C 10 10	SKY			P P Ta				" " QU
606 795	7054876	-100		125 N				✓				✓			C 10 10	TAN			P P Ta				" "
			N.S.																				
			(L2)																				
		-102	T.F. AT EDGE OF MARCA	35W											C 10 01	GRY			P P Ta				SH + QU
		-103	T.F.	35W											C 10 01	ST			P P Ta				SH + QU
		-104	T.F.	35W				✓				✓			C 10 01	GRY			P P Ta				SH
		-105	T.F.	35W				✓				✓			C 10 01	SKY			P P Ta				SH
		-106		35W				✓				✓			C 10 10	ST			P P Ta				SH + QU
		-107	T.F.	35W											C 10 01	ST			P P Ta				SH
		-108		35W				✓				✓			C 10 10	ST			P P Ta				SH + QU
		-109		30W				✓				✓			C 10 10	OR			P P Ta				SH
		-110		30W				✓				✓			C 10 10	MED			P P Ta				SH
		-111		30 W				✓				✓			C 10 10	MED			P P Ta				SH
		-112		30 W				✓				✓			C 10 10	OR			P P Ta				SH
		-113		30 W				✓				✓			C 10 10	OR			P P Ta				SH
		-114		30 NW				✓				✓			C 10 10	RO			P P Ta				SH

Project: SWAN LK. MAYO M.D.	Area: Gnd: NO THANKS	Collector: M. GLINN	Date: AUG 15/2000
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Sample Location		Sample #	Notes	Topography		Vegetation							Soil Data			Geology						
Easting	Northing			Valley Bottom	Direction/Angle of Slope	Hill Top	Level Ground	Spruce	Pine	Aspen	Alder	Subalpine Shrub	Potamogeton	Swampy	Horizon Sampled	Width of sampled Hz	Depth to sampled Hz	Colour	Horizon Dey (G.P.)	Soiled (W.P.)	Type (Su, St, In, Tl, Co, L)	Chip Geology
0598407	7062287	XMG006	CONTACT SOIL LINE @ 100M SPACING 20x	W	20							X			B	30	BA	G	P	Co	PHY LITE	
0598401	7062172	XMG007		SW	20							X			B	15	4	G	P	Co	4 + SHALE	
0598414	7062068	XMG008	PHYLLITE FRAC	SW	20							X			BA	30	BA	P	P	Co	PHYLLITE	
0598462	7061969	XMG009	" "	SW	25							X			B/C	30	"	P	P	Co	"	
0598514	7067881	XMG010		SW	25							X			B/C	35	"	W	P	Co	"	
0598582	7061803	XMG011	PHY + SLATE ROAD	SW	25							X			B/C	35	"	W	P	Co	PHY + SHALE/SLATE	
0598680	7061750	XMG012	PHY FLAKES	SW	25							X			B/C	30	"	W	P	Co	PHY	
0598726	7061736	XMG013	" + SHALE	SW	30							X			B/C	25	"	W	P	Co	PHY + SHALE + SLATE	
0598890	7061753	XMG014	PHY.	S	30							X			B/C	25	"	W	P	Co	PHY. + QZ V'S	
		XMG015																				
		XMG016																				
		XMG017																				
		XMG018																				
		XMG019																				
		XMG020																				
		XMG021																				
		XMG022																				
		XMG023																				
		XMG024																				

XMG025  
XMG026  
XMG027

Project: SWAN LAKE	Area: SOUTH GOTCHA Grid: EASTERN SIDE OF CLAIMS.	Collector: KEVIN S.	Date: Aug. 12.00
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Sample Location	Sample #	Notes	Topography	Vegetation	Soil Data	Geology
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Easting	Northing		Valley Bottom	Direction/Angle of Slope	Hill Top	Level Ground	Spruce	Pine	Aspen	Alder	Subalpine Shrub	Permafrost	Swampy	Horizon Sampled	Width of sampled Hz	Depth to sampled Hz	Colour	Horizon Dev(G,P)	Sorted (W,P)	Type (Sa, Si, Ta, Ti, Co, Lo)	Chip Geology

		20XKS039	100m SW (NE) OF PARTS SOIL LINE	NE 45			X							C +15	25	B	M	P	Co	SH, QTZ (V.N.S)	
		040		"			X							C +15	20	B	M	P	Co	" "	
		041		E 45			X				X			E	11	15	B	M	P	Co	" "
		042		SE 25			X				X			C +20	25	B	M	P	Co	" "	
		043		SE 45			X				X			C +10	25	B	M	P	Co	" "	
		044		"			X				X			C +15	20	B	M	P	Co	" "	
0608288	7054559	20XKS 045	NEEDLE LIKE SHALE PIECES. UP TO 35cm LONG.	"			X				X			C +10	10	B	M	P	Co	SH	
		046		NE 45			X							C +5	25	B	M	P	Co	"	
		047		"			X				X			C +5	30	B	M	P	Co	" , QTZ	
		048		"			X				X			C +10	30	B	M	P	Co	" "	
		049		E 45			X				X			C +5	20	B	M	P	Co	" "	
0608225	7054973	050		SE 45			X				X			C +10	30	B	M	P	Co	SH	
		051		E 45			X				X			C +10	25	B	M	P	Co	SH, QTZ	
		052		"			X				X			C +10	25	B	M	P	Co	SH	
		053		"			X				X			C +10	30	B	M	P	Co	SH	
0608162	7055240	054		NW 25			X				X			C +5	25	B	M	P	Co	SH	
		055		NW 45			X							C +5	25	B	M	P	Co	SH	
		056		"			X				X			C +5	20	B	M	P	Co	"	
		057		"			X				X			C +5	25	B	M	P	Co	" / QTZ	

0607795	7055181	20XKS058		NE										C +5	25	B	M	P	Co	" "
		059		NE			X							C +10	20	B	M	P	Co	" "
		060		NE			X							C +10	20	B	M	P	Co	" "
		061		N			X							C +10	20	B	M	P	Co	" "
		062		N			X							C +10	20	B	M	P	Co	" "

PLOTTED

SOUTH GOT IT.

Project SWNN LAKE		Area: Grid: (SOUTHERN AREA)	Collector: KEVIN S.	Date: Aug. 13, 00																		
Sample Location		Sample = Notes	Topography	Vegetation	Soil Data	Geology																
Easting	Northing		Valley Bottom	Direction/Angle of Slope	Hill Top	Level Ground	Spruce	Pine	Aspen	Alder	Subalpine Shrub	Parmafrost	Swampy	Horizon Sampled	Width of sampled Hzn	Depth to sampled Hzn	Colour	Horizon Dev(G,P)	Soiled (W,P)	Type (Su, Sl, Ta, Tl, Co, Lo)	Chip Geology	
		70PK5063 Rx FLOTT!	X				X															QTC
		205K5064 SLT } 30m P/Ck	X				X															Sandstone/OT
		765 n JCT.	X				X															SH/OT
		205K5066 Sampled @ 10cm		5/30			X		X					IC H5	140		B	M	P	Co		SH
		767 mter dats		5/27			X		X					IC H0	145		B	M	P	Co		SH/OT
		768		5/36			X		X					IC H0	135		B	M	P	Co		SH/OT
		769					X		X	X				IC H0	145		B	M	P	Co		SH/OT
		770		5/1			X		X	X				IC H5	130		B	M	P	Co		SH/OT
0598880	7053031	205K5071 IAD		5/25			X		X					IC H5	140		B	M	P	Co		SH/OT
0549031	7053101	205K5072	V																			
0549157	7053475	205K5073 SLT	V																			

ART  
02 09  
7.7.00

0598  
2.4.00

0549  
1.6.00

0549  
5.1.00

NORTH GOT H

Project: SWAN LAKE	Area: Grid: (N. WESTERN AREA OF PROJECT)	Collector: KEVIN S.	Date: Aug. 14, 00
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Sample Location		Sample #	Notes	Topography				Vegetation				Soil Data				Geology							
Easting	Northing			Valley Bottom	Direction/Angle of Slope	Hill Top	Level Ground	Spruce	Pine	Aspen	Alder	Subalpine Shrub	Permafrost	Swampy	Horizon Sampled	Width of sampled Hz	Depth to sampled Hz	Colour	Horizon Dev (G,P)	Sorted (W,P)	Type (Sa, Sl, Ta, Ti, Co, Lo)	Chip Geology	
0599696	7060105	205KS074	± 11.3m T.	X				X				X											MUDSTONE - GLACIAL RXS - QTZ
		205KS 075		X				X				X											MUDSTONE - GLACIAL RXS - QTZ
		205KS 076		X				X				X											SH - SED. CONGLOMERATE - QTZ - GLACIAL RXS
058495	7060857		HELIPAD																				
			WILDLIFE SEEN																				
			TODAY:																				
			1) BLACK BEAR																				
			2) GRIZZLY + 2 CUBS																				
			3) 2 SET MOUNTAIN CALF - CARIBOU																				
			4) BULL MOOSE																				
			5) OWL																				

12.01  
H  
P. 100  
475

NORTH GOT IT.

Project: SWAN LAKE Area: NNE AREA OF PROJECT Collector: KEVIN S. Date: AUG. 15.00

Sample Location		Sample #	Notes	Topography			Vegetation					Soil Data				Geology							
Easting	Northing			Valley Bottom	Direction/Angle of Slope	Hill Top	Level Ground	Spruce	Pine	Aspen	Alder	Subalpine Shrub	Permafrost	Swampy	Horizon Sampled	Width of sampled Hz	Depth of sampled Hz	Colour	Horizon Dev (G.P)	Sorted (W.P)	Type (Sa, Si, Ta, Ti, Co, Lo)	Chip Geology	
		20XKS																					
		077	MIN. FROM START OF MR. B LINE		NW 25			X				X			C 40	20	B	M	P	Co		SH/QTZ	
		078	CHOPPER PAD (H)		NW 25			X				X			C 45	25	B	M	P	Co		"/	
		079			NE 35			X				X			C 45	25	B	M	P	Co		"/	
0598690	7062536	080			NW 30			X				X			C 45	25	B	M	P	Co		"/	
		081			NW 35										C 15	20	B	M	P	Co		SH/QTZ	
		082			NE 30			X				X			C 15	20	B	M	P	Co		"/	
		083			NE 25			X							C 10	15	B	M	P	Co		SH/QTZ	
		084			N 45			X							C 10	15	B	M	P	Co		"/	
		085			NE 45			X							C 15	20	B	M	P	Co		SH/QTZ / SANDST/CH	
0599234	7062453	086			NE 45			X							C 5	10	B	M	P	Co		SST/QTZ	
		087			"			X				X			C 10	15	B	M	P	Co		SH/QTZ	
		088			"			X				X			C 10	15	B	M	P	Co		SH/QTZ	
		089			NE 45			X				X			C 10	15	B	M	P	Co		"/	
		090			"			X				X			C 10	15	B	M	P	Co		SH/QTZ / SST / MUDST	
0599544	7062078	091			"			X				X			C 10	15	B	M	P	Co		SH/QTZ / MUDST.	
		092			"			X				X			C 10	10	B	M	P	Co		"/	
		093			N 45			X							C 10	10	B	M	P	Co		SH/QTZ / MUDST	
		094			N 45			X							C 10	15	B	M	P	Co		"/	
		095			"			X							C 10	10	B	M	P	Co		"/	
060001A	7062136	20XK5096			NE 45			X							C 10	10	B	M	P	Co		SH/QTZ	

103  
1.6mT)

104  
2mT)

105  
1.5mT)

106  
2mT)

MARINE

MARINE

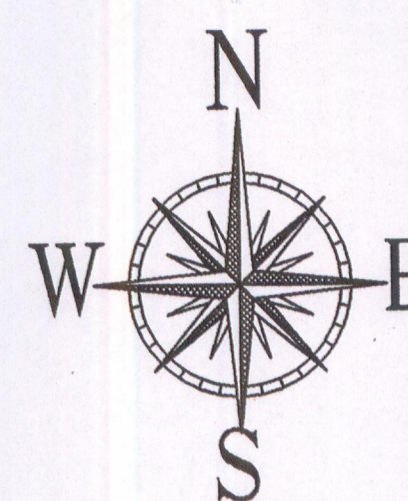
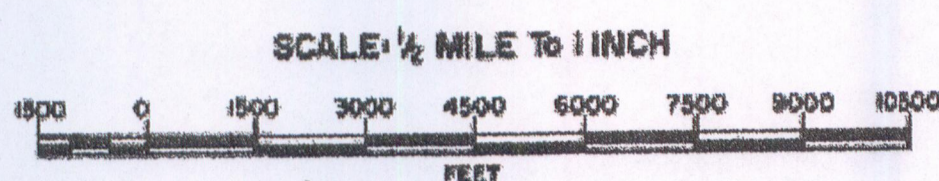


# SHEET 105-N-10

## NOTICE

THIS MAP IS ISSUED AS A PRELIMINARY GUIDE FOR WHICH THE DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT WILL ACCEPT NO RESPONSIBILITY FOR ANY ERRORS, INACCURACIES OR OMISSIONS WHATSOEVER.

SEE ADJACENT MAP SHEET(S) EDGES FOR ADJOINING MINERAL CLAIMS NOT SHOWN ON THIS MAP

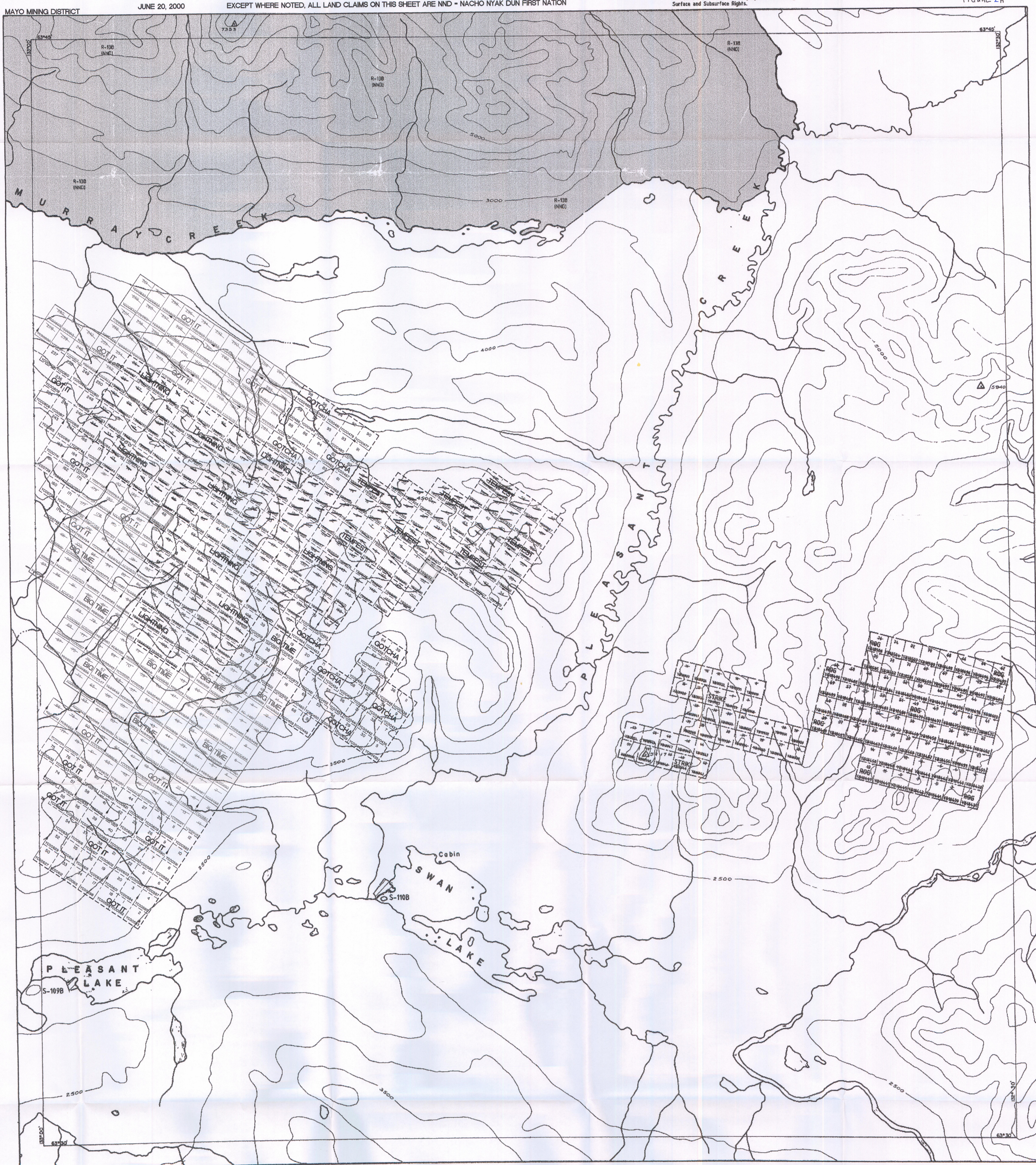


105N-14	105N-15	105N-16
105N-11	105N-10	105N-9
105N-6	105N-7	105N-8

Note: Entry on certain lands is withdrawn from staking in cross-hatched areas to facilitate the settlement of Native Land Claims without prejudice to Existing Surface and Subsurface Rights.

NND = FIRST NATION OF NACHO NYAK DUN

FIGURE 2A



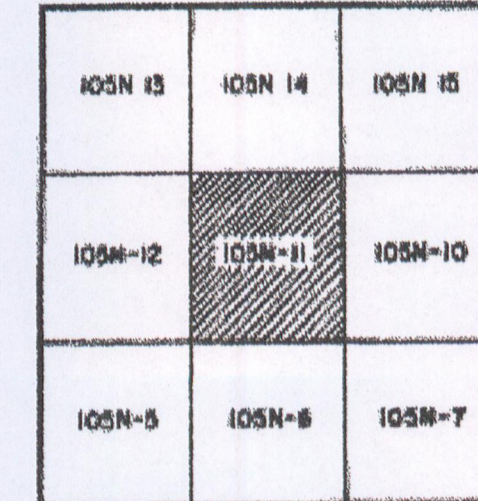
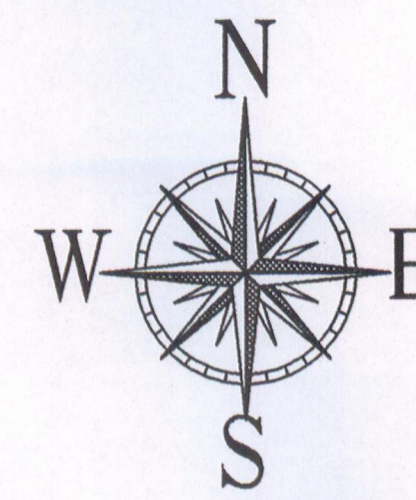
# SHEET 105N-11

## NOTICE

THIS MAP IS ISSUED AS A PRELIMINARY GUIDE FOR WHICH THE DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT WILL ACCEPT NO RESPONSIBILITY FOR ANY ERRORS, INACCURACIES OR OMISSIONS WHATSOEVER

SEE ADJACENT MAP SHEET(S) EDGES FOR ADJOINING MINERAL CLAIMS NOT SHOWN ON THIS MAP

SCALE 1/2 MILE TO 1 INCH



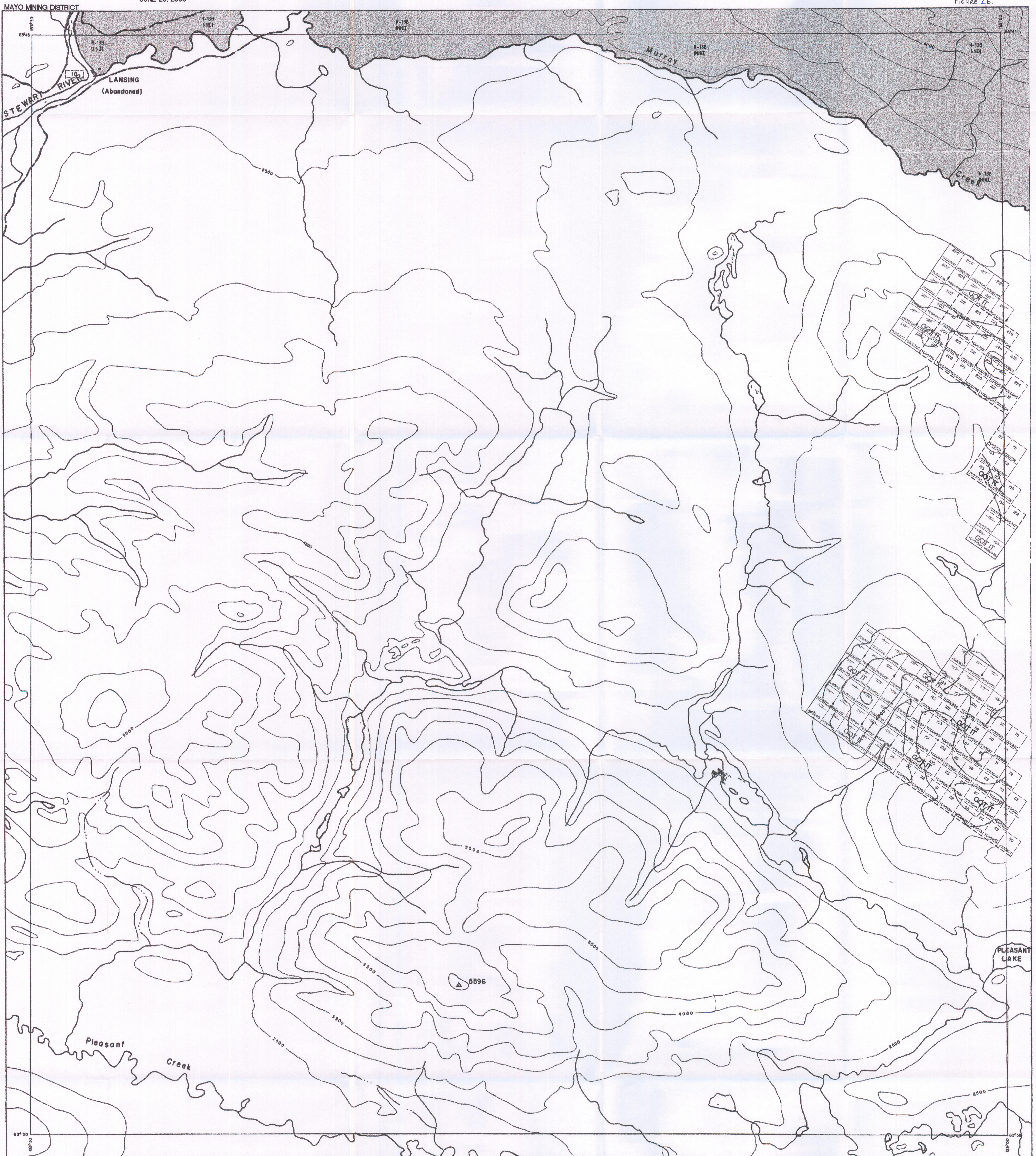
IG Indian Grave Site

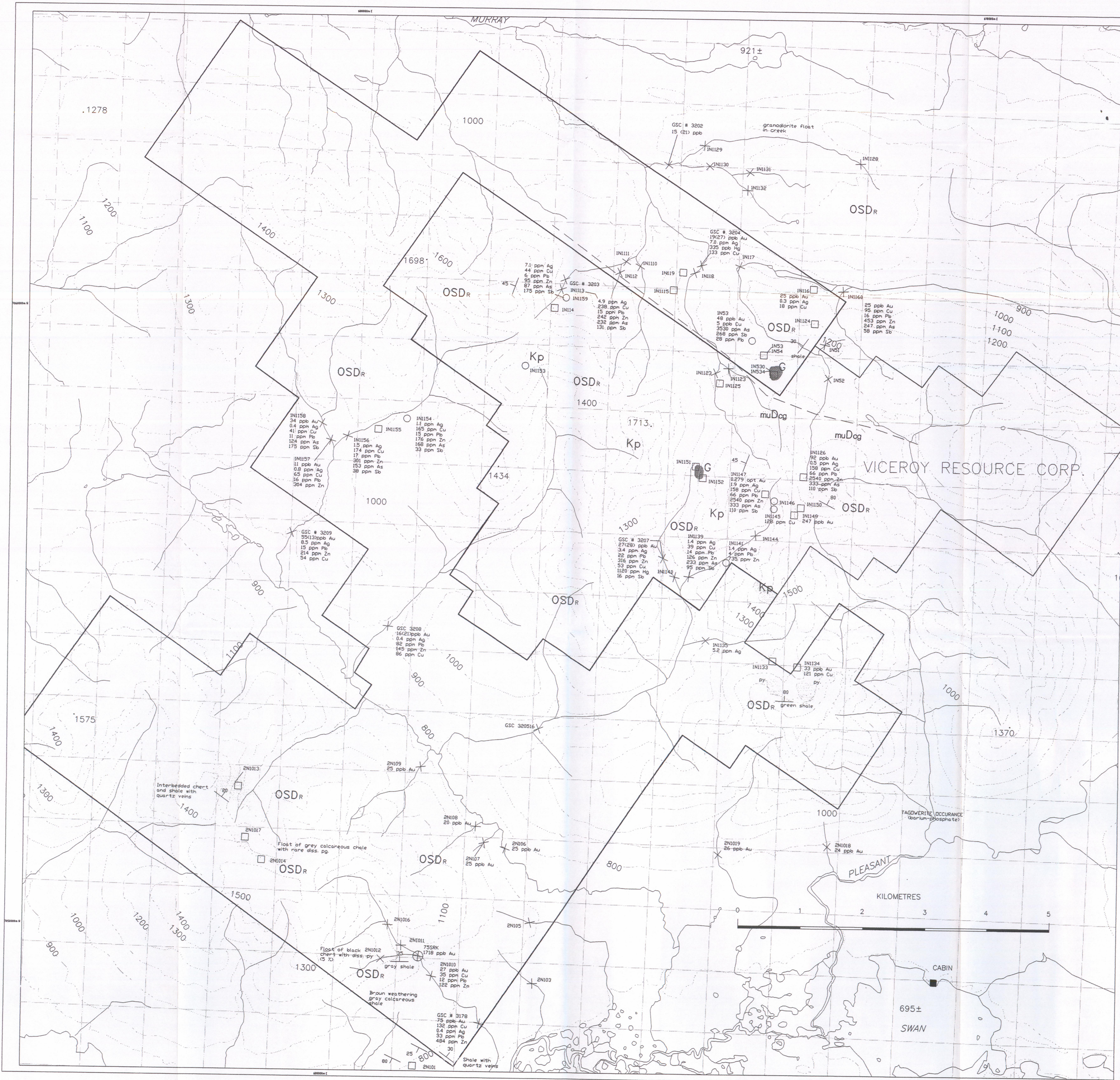
Note Entry on certain lands is withdrawn from staking in cross-hatched areas to facilitate the settlement of Native Land Claims without prejudice to Existing Surface and Subsurface Rights

NND = FIRST NATION OF NACHO NYAK DUN

JUNE 20, 2000

Figure 2b.





**LEGEND**

- CRETACEOUS**
- Kp** rhyolite, quartz - feldspar porphyry
- LATE DEVONIAN TO MID MISSISSIPPIAN**
- uDcg** LOWER EARN GROUP: grey chert pebble conglomerate
- ORDOVICIAN - EARLY DEVONIAN**
- OSDR** ROAD RIVER GROUP (may be in part EARN GROUP) grey to black shales, silty limestone and chert

**SYMBOLS**

- outcrop
- strike and dip
- Gossan
- fault
- rock sample site
- stream sediment sample site
- pan concentrate sample site

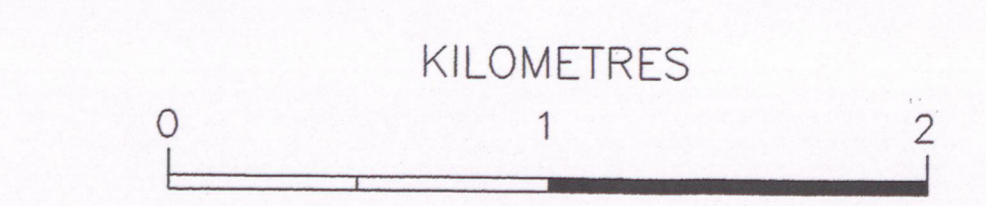
PROSPECTOR INTERNATIONAL RES.  
 SWAN LAKE PROJECT  
 GEOLOGY AND GEOCHEMISTRY



**LEGEND**

- x SILT SAMPLE LOCATION
- SOIL SAMPLE LOCATION
- ▲▲ ROCK SAMPLE LOCATION; OVERSEER, PLANT
- BEDDING ATTITUDE
- VEIN ATTITUDE
- FOLIATION
- OVERTURNED FOLD
- - - - - GEOLOGICAL CONTACT (APPROXIMATE)
- SHA SHALE
- PHYL PHYLLITE
- FAULT
- CLAIM BOUNDARY

ONLY ANOMALOUS ELEMENTS PLOTTED:  
 Au (ppb) Ag (ppb) Mo (ppm) Cu (ppm) Sb (ppm) Ni (ppm)  
 As (ppm) Bi (ppm) Hg (ppb) Pb (ppm) Zn (ppm) Ba (ppm)



PROSPECTOR INTERNATIONAL RESOURCES LTD.

**SWAN LAKE PROJECT**  
 YUKON TERRITORY

SAMPLE LOCATION  
 GEOLOGY  
 GEOCHEMISTRY

DATE: NOV. 2000 DATA: FILE: swan\_cim20.dwg FIGURE: 6  
 SCALE: 1:20000