

093347

SUMMARY REPORT  
ON THE  
CLAYMORE PROPERTY  
MOOSEHORN RANGE

NTS 115 N-2  
Lat. 63 02' N, Long. 140 57' W  
Whitehorse Mining District



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Lat. 63° 02' N, Long. 140° 57' W  
Whitehorse Mining District

For: SIKANNI OILFIELD CONSTRUCTION LTD.

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November 7, 1995

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## APPENDIX 1 Certificates of Analysis

## SUMMARY

The Claymore property consists of 227 claims ( 4,600 hectares ) located 75 km north of Beaver Creek and 140 km southwest of Dawson in the central Yukon Territory. The Canada-U.S. border marks the western edge of the property. A 60 km. winter road connects the area to the Alaska Highway.

The property lies at the southern end of the Moosehorn Range, an area of broad north-south trending ridges of moderate relief typical of the Pelly Mountains. The ridges are incised by narrow steep sided valleys which drain into the low lying Scottie Creek. Two highly productive placer gold creeks ( Swamp & Kenyon Creeks ) have been mined in the area of the property.

The Moosehorn range is a large batholith of Upper Triassic granodiorite intruded by Cretaceous granitic bodies and andesite, rhyolite and porphyry dikes. A major north-south trending structure evident on airphotos hosts a high grade quartz-sulphide vein ( No. 1 Vein ) at Swamp Creek. Other quartz veins occur in sub parallel fracture zones over a 5 x 5 km area. Mineralization consists of arsenopyrite, stibnite, galena, sphalerite, tetrahedrite, As-Sb oxides and free gold in a quartz gangue. At the No. 1 vein systematic bulk sampling in 1993 determined an average grade of 2.16 opt over a 350 foot strike length ( Tilsley, 1993 ).

In 1994, 450 tons of ore from the No. 1 vein was mined and stockpiled. The ore was shipped to the Westmin Resources mill at Stewart, B.C. in March, 1995 and processed, producing approximately 500 ounces of gold. Of the shipped material about 30% was waste rock and 70% was quartz ore grading 1.6 opt. Also in 1994, a pilot mill was set up at Swamp Creek which processed approximately 20 tons of ore. About 2,300 lbs. of sulphide concentrate was produced which assayed up to 43.1 opt gold.

In May, 1995 the writer and R. Stack performed an exploration program on the Claymore property from May 10-16, 1995. The purpose of the program was to prepare a base map of the property, to perform a VLF-EM survey over the main occurrences, and to initiate general exploration. The VLF-EM survey outlined several strong structures which are proximal to three quartz-sulphide veins. Also in 1995, stripping and trenching of the quartz-sulphide veins expanded the reserves available for high grade mining. The increased rock exposure shows considerable stockwork quartz veining in the area of the Number 2 & 3 veins. There is a good possibility for outlining a larger tonnage gold deposit in these stockwork zones.

The 1995 mining season saw an average of 20 tons of ore processed per shift, over an 80 day period. A total of 2,500 tons of ore were milled producing 1,300 ounces of free gold and 14 tons of table concentrate.

## INTRODUCTION

The Claymore property is located in the Central Yukon at Swamp Creek a tributary of Scottie Creek and the White River in the Whitehorse Mining District, Yukon Territory ( NTS 115 N-2 ). Access is by air to a gravel strip. Heavy equipment, supplies and fuel can be hauled in on a good winter trail that is used annually. The road distance from Whitehorse is 450 km.

Quartz veins were discovered at the Moosehorn Range during regional exploration surveys in 1970. Staking and exploration of the area uncovered narrow high-grade quartz veins of shallow dip on the top and east side of Moosehorn Mountain. Great Bear Mining Ltd. reported grades of up to 20 opt from a vein averaging 20 cm in width.

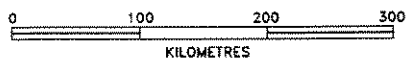
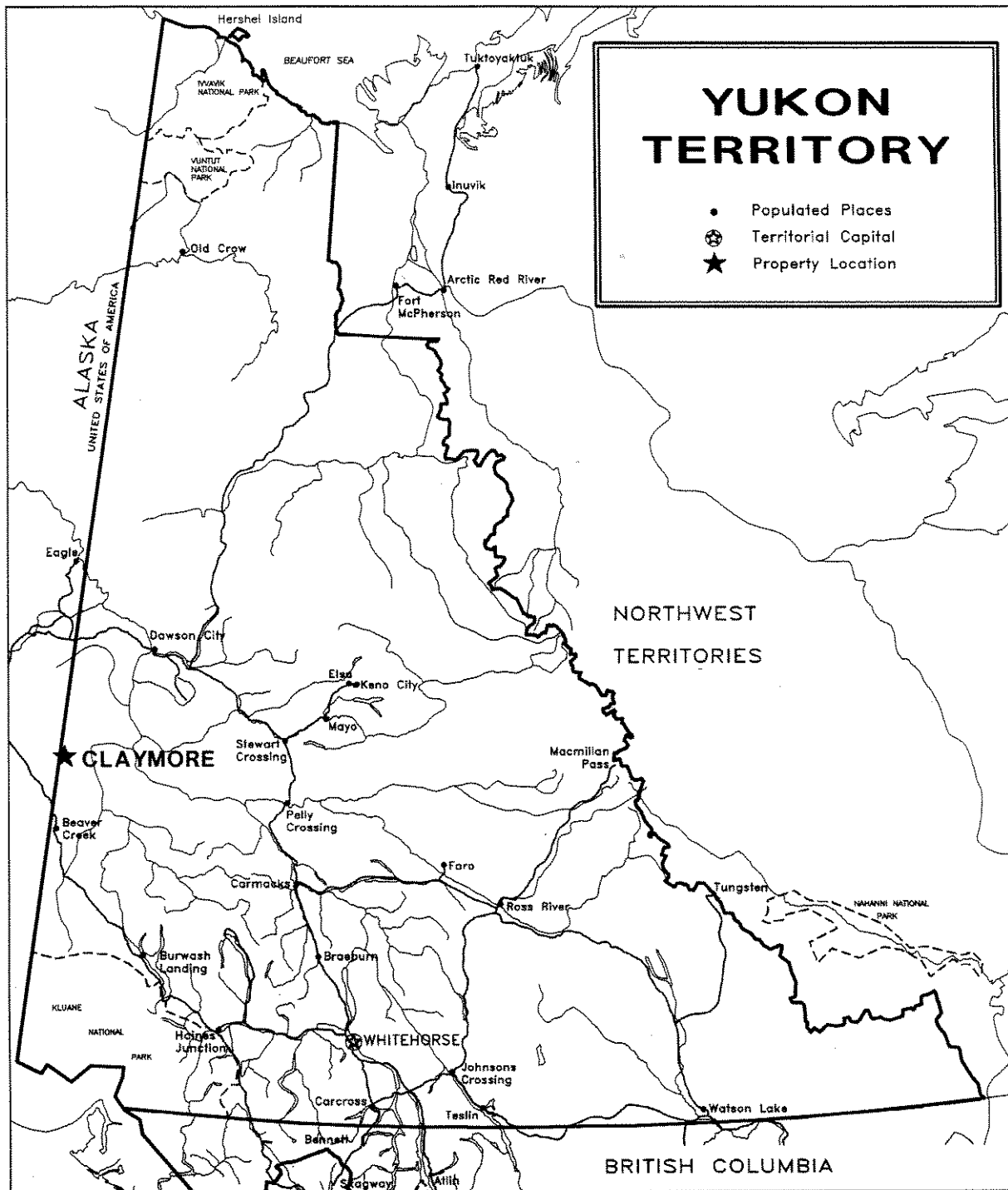
Placer mining of Kenyon Creek below several of the high grade quartz occurrences started in 1975 and proved very successful with production of over 30,000 ounces from a two mile section of creek bed.

The next drainage to the south, Swamp Creek has also been extensively mined by Canada Tungsten and Sikanni Oilfield Construction. The "No. 1 vein" was first uncovered during a trenching program on Swamp Creek in 1975. Mr. G. Hartley & Assoc. staked the occurrence in 1983 and is the present owner of 111 claims in the area. Sikanni Oilfield Construction acquired the high grade mining rites to the No. 1 vein and have staked an additional 116 claims. Mr. Hartley & Assoc. and Sikanni Oilfield Construction have an agreement on the exploration and development of their claims. Collectively these claims are identified as the Claymore property in this report

This report reviews data and documents provided by Sikanni Oilfield Construction Ltd. Sample results of work completed by Hemlo Gold Mines Ltd. during two property visits are included. The report was prepared at the request of Mr. Svean, president of Sikanni and the writers last visit to the property was from August 10-15, 1995.

## LOCATION AND ACCESS

The Claymore property is located at Swamp Creek at the south end of the Moosehorn Range on NTS Map Sheet 115 N-2 at geographical co-ordinates 63° 02' N and 140° 57' W. The Claymore property is accessed by aircraft in the summer from Dawson or Whitehorse. The airstrip is located on a high ridge between Kenyon and Swamp Creeks. A network of four-wheel drive roads extend from the airstrip to the camp and placer workings; cat-trails provide good access around the claim area. The Sikanni camp is situated on Swamp Creek approximately 5 km from the airstrip. The all-weather camp consists of four Atco trailers with full facilities. Figures 1 and 2 show the property location.



Lambert Conformal Conic Projection  
with Standard Parallels at 49°N and 77°N

**Sikanni Oilfield Construction Ltd.**

**LOCATION MAP  
Claymore Property**

*Graham Davidson, Consulting Geologist*

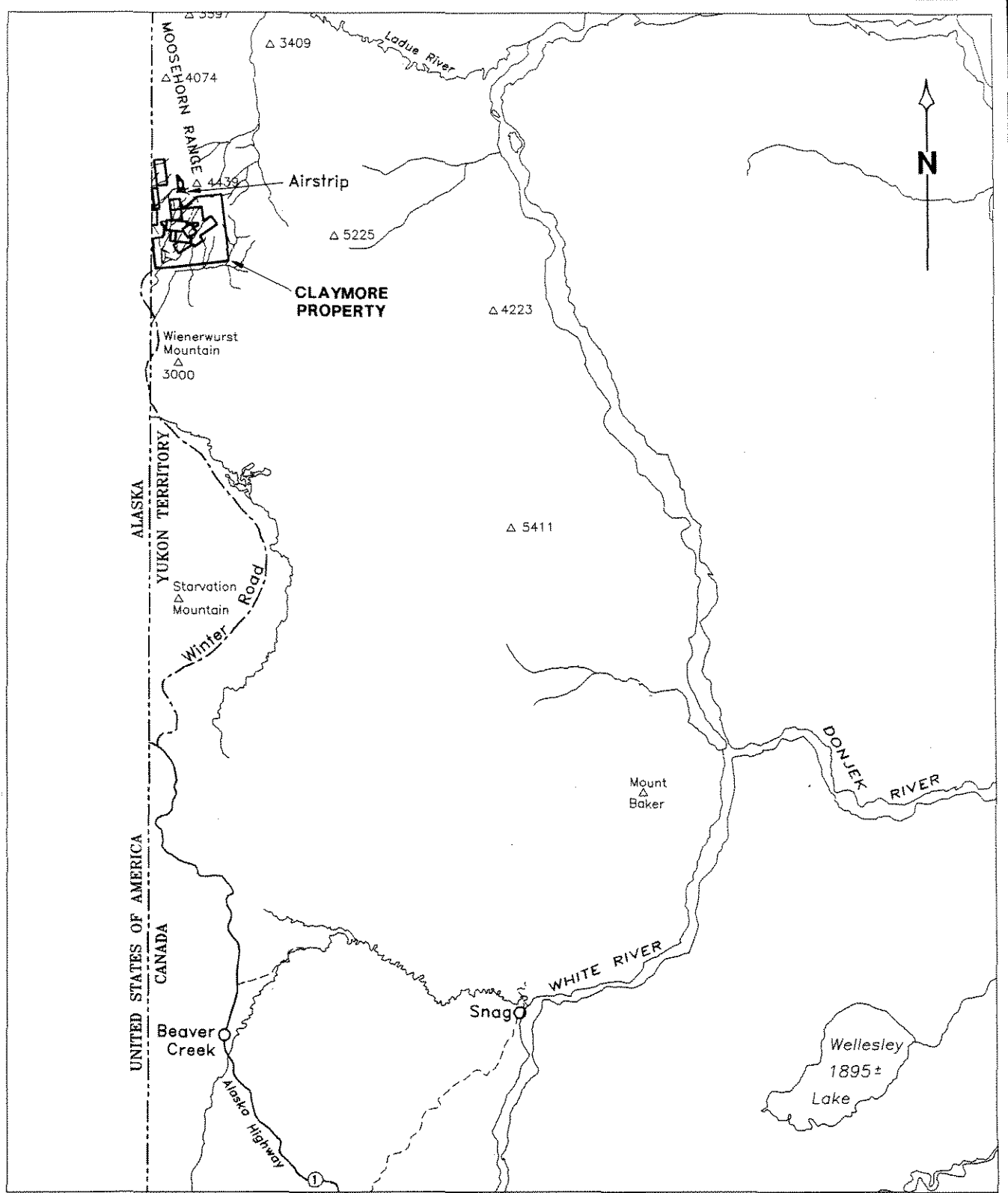
SCALE: 1 : 6 000 000

DATE: June 1995

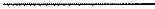





NTS: 115 N/2, K/15

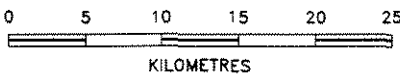
DRAWN:

FIGURE 1



**LEGEND**

- stream, creek 
- Territorial highway 
- secondary road 
- winter road 
- claim group boundary 
- International Boundary 



Sikanni Oilfield Construction Ltd.

**CLAYMORE PROPERTY  
AREA MAP**

Graham Davidson Consulting Geologist

SCALE: 1:500,000

DATE: Nov. 1994

NTS: 115 N, K

DRAWN: R.S. 02

FIGURE 2

A winter road from the Alaska Highway north of Beaver Creek to Swamp Creek is established in late February or early March by Sikanni to transport equipment, fuel and supplies to the camp.

Logistically, Dawson provides supplies and services for the district in summer. Charter aircraft are available at the Dawson airport as are connections to Whitehorse.

## PHYSIOGRAPHY

The Claymore property covers broad gentle to moderate hills and slopes around Swamp and Scottie Creeks, higher and rougher terrain at the southern end of the Moosehorn Range and the swampy flat bottomed tributaries of Scottie Creek. Outcrop is sparse except in the placer cuts and along roads. On hillsides overburden is shallow and permafrost is limited to north facing slopes and creek beds.

Vegetation ranges from swamp hummocks and sparse stunted spruce in valley bottoms and on north facing slopes to birch, poplar and spruce forest on south and westerly facing slopes. Alder and buck brush is thick along creek banks and at higher elevations. Particularly difficult buck brush growing among large granitic boulders is common at and above treeline on the Moosehorn Range. Elevations range from 2100-4300' above sea level.

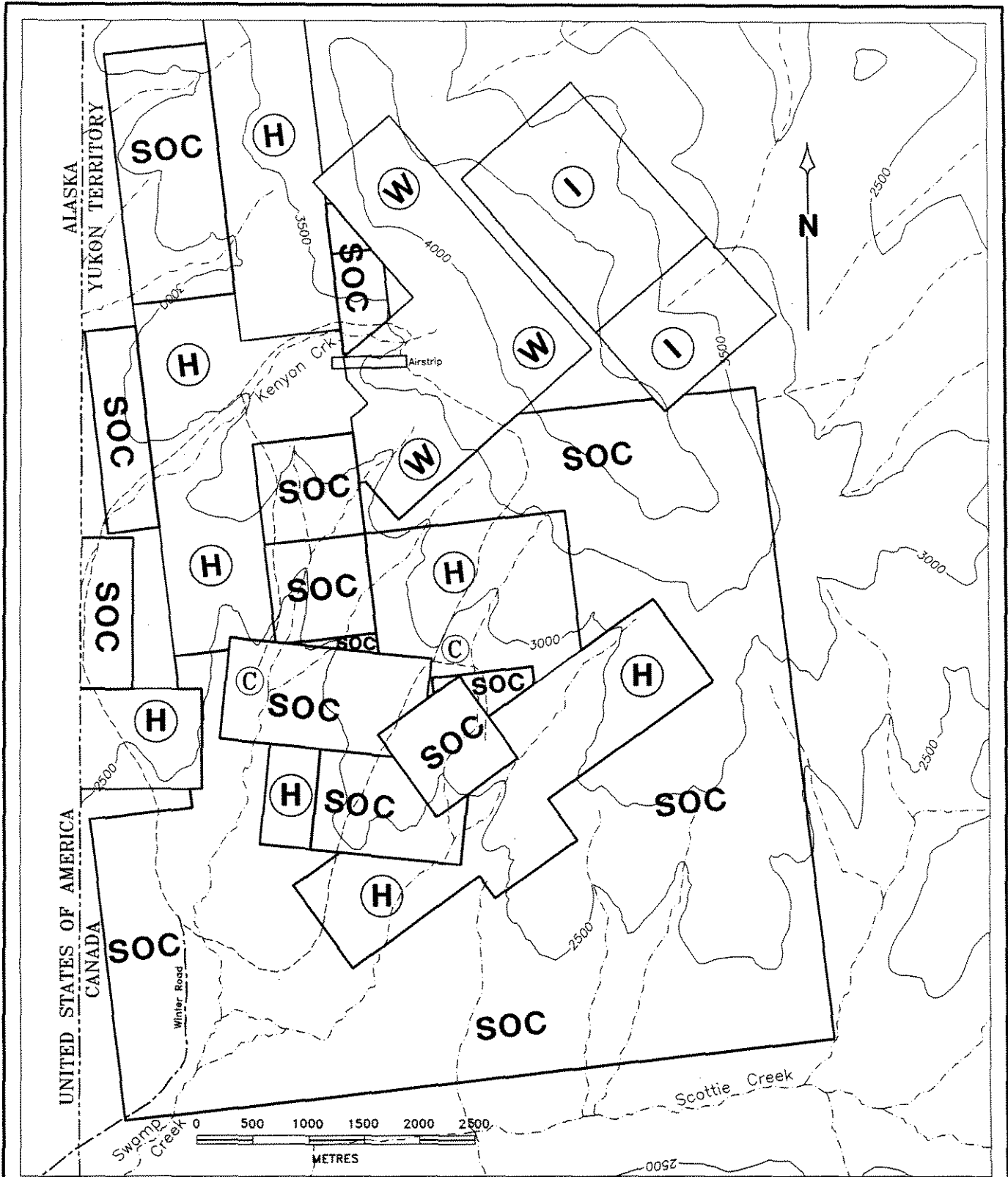
The Beaver Creek district has a northern interior climate marked by long cold winters and low annual precipitation. Exploration on the property can be performed on a year round basis but is most practical from March to October.

Environmental considerations in this area are mitigable. No major problems are envisioned in meeting government regulations or permitting requirements. Placer mining on Swamp and Kenyon creeks have been performed in accordance with government regulations and an annual water license is maintained by Sikanni.

## PROPERTY

The Claymore property consists of 227 mineral claims, as shown in Figures 3 & 4, and listed in Table 1. Mr. G. Hartley & Assoc. have an agreement with Sikanni under which Sikanni can high grade mine, explore and market the claims. Mr. Hartley & Assoc. claims are marked with an asterix (\*).

Claim lines and posts comprising the Hartley claims were found to be in reasonable shape given the age of some of the claims. Lines were reflagged and blazed when necessary. The actual claim locations are somewhat different from the claim map, as is usually the case. A 175 ft. fraction found in the RAN claims was staked and recorded. A survey of the claims using a GPS unit was initiated during the last property visit.



**LEGEND**

- elevation contour interval, (500 feet)
- stream, creek
- 4-wheel drive road
- winter road
- International Boundary
- claim group boundary
- claim line
- camp location

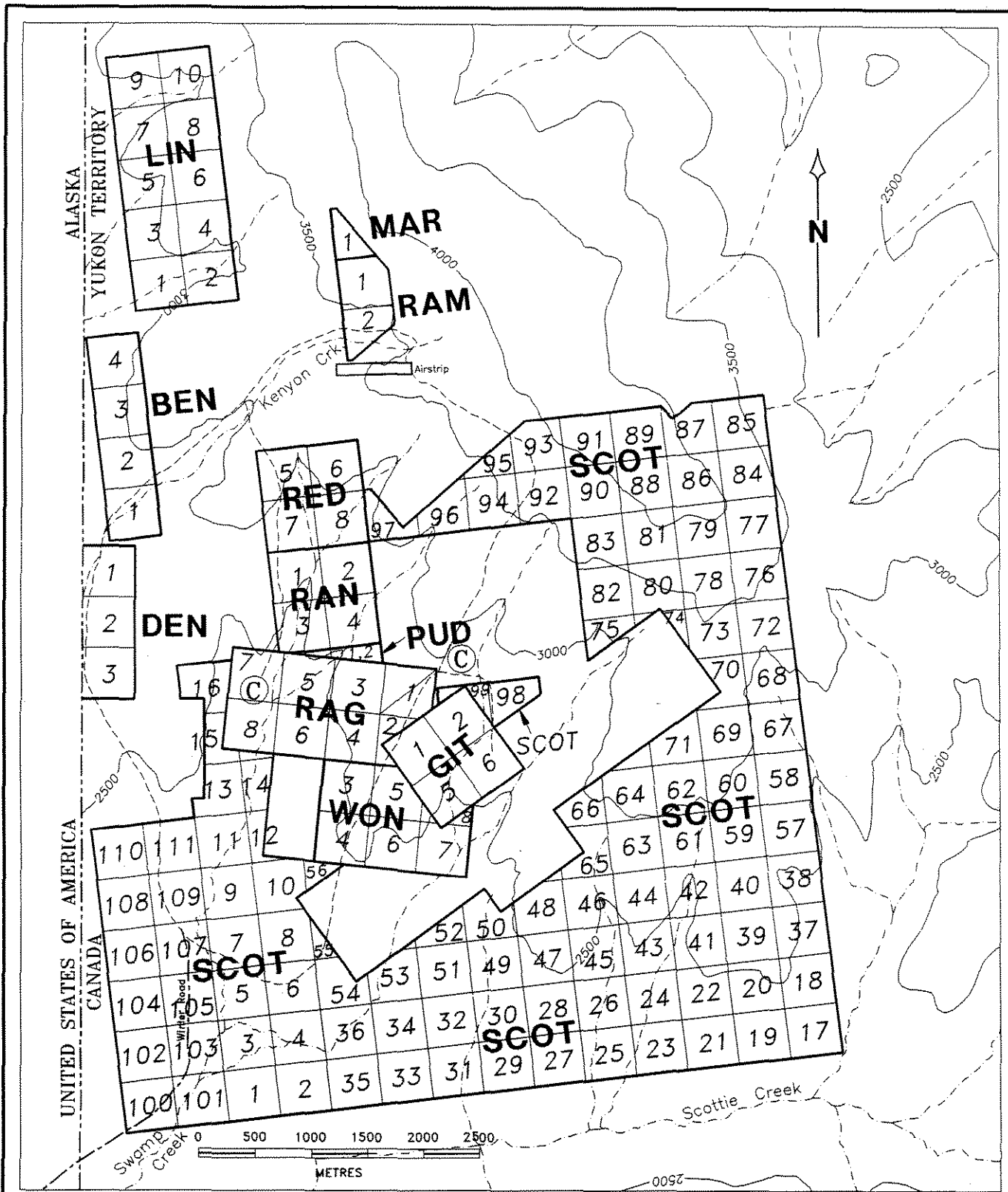
**Ownership**

- SOC** Owned or under option to Sikanni Oilfield Construction Ltd.
- (H)** Hartley and Associates & G. Almborg
- (W)** Ian Warrick
- (I)** Charles Ireys

**Sikanni Oilfield Construction Ltd.**

**CLAYMORE PROPERTY  
PROPERTY OWNERSHIP MAP**

Graham Davidson Consulting Geologist  
 SCALE: 1 : 50,000      DATE: Nov. 1994  
 NTS: 115 N/2, K/15 DRAWN: R.S. FIGURE 3



**LEGEND**

- elevation contour interval, (500 feet)
- stream, creek
- 4-wheel drive road
- winter road
- International Boundary
- claim group boundary
- claim line
- camp location

**Sikanni Oilfield Construction Ltd.**

**CLAYMORE PROPERTY  
CLAIM LOCATION MAP**

Graham Davidson Consulting Geologist

SCALE: 1 : 50,000

DATE: Nov. 1994

NTS: 115 N/2, K/15 DRAWN: R.S. 02/94 FIGURE 4

TABLE 1-CLAIM DATA

| CLAIM NAME | RECORD NUMBER | EXPIRY DATE   | OWNER                            |
|------------|---------------|---------------|----------------------------------|
| GIT 1-2*   | YA77840-841   | 31 Dec, 2002  | Hartley & Assoc. &<br>G. Almberg |
| GIT 5-6*   | YA77844-845   | 31 Dec, 2002  | same as above                    |
| RAG 1-8*   | YA95122-129   | 31 Dec, 2002  | same as above                    |
| RED 1-8*   | YA95130-137   | 31 Dec, 2002  | Hartley & Assoc. &<br>R. Jury    |
| RAN 1-4*   | YB06123-126   | 31 Dec, 2002  | same as above                    |
| WELL 1-6*  | YB12664-669   | 31 Dec, 2002  | Hartley & Assoc. &<br>G. Almberg |
| WINE 1-8*  | YB12670-677   | 7 Dec, 2002   | same as above                    |
| WON 1-7*   | YB12678-684   | 31 Dec, 2002  | Hartley & Assoc. &<br>G. Almberg |
| WIND 1-22* | YB27350-371   | 31 Dec, 2002  | same as above                    |
| FOX 1-4*   | YB36935-938   | 9 Jul, 1998   | same as above                    |
| PUD 1-2*   | YB8074-075    | 31 Dec, 1999  | same as above                    |
| SEE 1-6*   | YB38076-081   | 31 Dec, 1998  | same as above                    |
| SAY 1-3*   | YB38169-171   | 31 Dec, 1998  | same as above                    |
| WON 8*     | YB38172       | 31 Dec, 1998  | same as above                    |
| WOMP 1-20* | YB38198-217   | 31 Dec, 1998  | same as above                    |
| BEN 1-2    | YB46914-915   | 24 Jun, 1995  | Alan Lewis                       |
| BEN 3-4    | YB54403-404   | 29 Aug, 1995  | same as above                    |
| DEN 1-3    | YB54405-407   | 29 Aug, 1995  | same as above                    |
| LIN 1-10   | YB54408-417   | 29 Aug, 1995  | same as above                    |
| SCOT 1-91  | YB54544-634   | 13 Sept. 1995 | Sikanni Oilfield                 |
| SCOT96-111 | YB54639-654   | 13 Sept. 1995 | Construction Ltd.                |
| RAN 5-6Fr  | YB57535-536   | 19 May 1996   | same as above                    |

## REGIONAL GEOLOGY

The Moosehorn Range is part of the Yukon Crystalline Terrane of the Canadian Cordillera. The rocks underlying the Moosehorn Range are mainly granodiorite of the Triassic Klotassin Batholith intruded by a variety of sills and dikes. Granodiorite ranges from massive equigranular to finer grained foliated textures. Xenoliths of diorite are common as are dioritic phases of the batholith. Andesite, basalt, diorite and rhyolite dikes are widespread. Andesite dikes weather a light brown color and contain feldspar phenocrysts; basalt dikes weather a dark rusty brown and form rounded cobbles were eroded. Quartz feldspar rhyolite porphyry occurs as dikes and plugs in the granodiorite.

North-south trending faults, east-west diorite sills and rhyolite dykes in the granodiorite are the locus of quartz vein systems that range from numerous very narrow veins found at the head of Kenyon Creek to strong continuous veins like the No. 1 vein. These veins strike north or northwesterly and dip 20-40° to the east. Mineralization in the quartz consists of coarse grained and banded arsenopyrite, galena, boulangerite, chalcopyrite, tetrahedrite and sphalerite. Free gold is visible in weathered quartz boulders and is reported in some of the narrower quartz veins.

The most recent geological map of the area was compiled by D. J. Templeman-Kluit in Paper 73-41. Figure 5 shows the area geology and the Table of Formations is presented in Table 2.

## HISTORY

Exploration in the Moosehorn Range began in 1970 when Quintara Minerals Corporation discovered gold bearing quartz veins high on the southeastern flank of Moosehorn Mountain. A. Harman & Assoc. continued investigating the quartz vein occurrences in the early 1970's. Great Bear Mining Ltd. and Claymore Resources Ltd. staked the area in 1974 and performed trenching and drilling in 1975. Both companies were discouraged by the narrow and discontinuous nature of the quartz veins. Above Kenyon Creek Claymore discovered a swarm of narrow quartz veins that produced very high gold values. Prospecting of the creek bed revealed a narrow rich placer deposit which prompted Claymore to cease mineral exploration and switch to placer mining.

The area experienced a brief staking rush in 1975 as approximately 800 new claims were staked. Most of these claims lapsed by the early 1980's. G. Hartley staked several of the vein occurrences as they lapsed starting in 1983. He now holds approximately 100 claims in the area. I. Warrick restaked other main occurrences in the area.

The No. 1 vein ( Swamp Creek vein ) was discovered in 1975 and was staked by G. Hartley in 1983. Placer testing and mining by Canada Tungsten exposed the well mineralized vein in the placer cut, however, no follow up work was performed. In 1993, Sikanni Oilfield Construction Ltd. trenched and stripped along the Swamp Creek vein over a 300 meter length.

## EXPLORATION PROGRAMS 1993-1995

In 1993 the No. 1 vein was stripped using a D9h bulldozer exposing 110 m of continuous vein between 25-100 cm wide. A series of 16 samples across the vein collected 829 lbs of vein material, each sample was crushed to -35 mesh. Oversize material was washed and screened to collect the coarse gold and -35 mesh material was concentrated, screened and amalgamated with mercury to recover the fine gold. The processing recovered raw, free milling gold and did not take gold in the sulphide minerals into account. An average grade of 2.16 opt was achieved from the 16 samples ( Tilsley, 1993 ).

In 1994 a 20 ton per day mill was constructed on the property and approximately 450 tons of ore was extracted from the No. 1 vein and stockpiled. Several test runs of material through the mill did not recover the expected amount of free gold. A run of approximately 24 tons of ore produced approximately 2300 lbs of sulphide concentrate containing a considerable amount of fine visible gold. The concentrate has been assayed at 43.1 opt gold, which would give an average grade for the 24 tons of processed ore at 1.8 opt gold.

A second quartz occurrence ( No. 2 vein ) located several hundred meters west of the No. 1 vein was exposed by bulldozer trenching. This vein has a northeasterly strike, shallow easterly dip and averages 30 cm in width. Visible gold was observed in weathered cavities and along oxide bands in this quartz vein.

In March, 1995 the 450 tons of stockpiled ore was shipped to the Westmin Resources mill at Stewart B.C.. Average grade was reported at 1.2 opt but the ore contained approximately 30% contamination, producing an actual grade of 1.6 opt for the vein material.

In 1995 stripping and trenching of the No. 1 & 2 veins further exposed the veins for high grading. Exploration was initiated over the main occurrences and the surrounding claims. A grid was established over the principal showings to facilitate geological mapping, claim location and a VLF-EM survey. The grid consisted of a 450 m cut baseline oriented north-south which passes over the upper dam on Swamp Creek. Grid lines were slashed out by axe from 50 m centers and stations were flagged at 20 m intervals. Mapping was performed at a scale of 1: 2,500, as shown on Figure 6. Claim lines and posts for claims from the Hartley Option were measured and located. VLF-EM surveys utilizing the Hawaii and Seattle frequencies are shown in Figures 7-10.

## PROPERTY GEOLOGY

The claim area is underlain by biotite hornblende granodiorite intruded by a variety of sills, dykes and possibly plugs of felsic volcanic rock. The granodiorite is distinctive for its coarse plagioclase phenocrysts and inclusions of small to large fragments of black dioritic rock. Sills and dykes vary from black andesite to rusty brown andesite or diorite, and pale cream colored rhyolite. The dykes are closely associated with the quartz-sulphide veins, sometimes forming the hanging wall or foot wall of the vein. Other intrusive rocks include narrow sills of black andesite which follow fractures in the granodiorite and occasionally form a ladder like pattern. The more mafic dykes and sills weather to coarse rounded cobbles with an extremely rusty manganese stained appearance. Rhyolite dykes contain quartz eyes, feldspar phenocrysts and are stained by manganese and hematite.

Detailed geology of the No. 1 vein was undertaken by R. Tilsley in 1993. He reports "The No. 1 vein strikes between 350 and 010 degrees and dips at between 18 and 35 degrees to the east. Vein thickness varies from 10-28 inches but averages 12 inches in true thickness. The vein is banded parallel to the trend and parts easily along the bands. Bands vary in thickness from less than a sixteenth of an inch to several inches in width and contain mainly arsenopyrite and stibnite with less galena, sphalerite, tetrahedrite and boulangierite. Sulfides also occur as irregular globs and patches, and as finely disseminated grains. Sulphide content ranges up to 10% but averages approximately 5%. Gold values appear to decrease where sphalerite content increases. Visible gold is relatively rare and probably occurs within the sulphide bands. Sericite and calcite are accessory minerals in the quartz.

Wall rock alteration consists of silica, carbonate and arsenopyrite. Narrow quartz veins in the hanging wall and arsenopyrite bearing wallrock produced low gold values."

Brown weathering andesitic dike is the footwall for the No. 1 vein over much of its length. Several brown dikes also crosscut the vein displacing it about 3 m at one location. The crosscutting dikes contain fragments of shattered quartz.

## STRUCTURE

Air photo examination shows a number of strong linears, in particular a north-south feature which crosses Swamp Creek near the No. 1 vein. The VLF-EM surveys showed a strong response over this structure indicating a fault. Two other linears crossing the grid area were also detected by the VLF-EM surveys ( see Figure 6 ). One feature trends northeast along the east side of Swamp Creek crossing the creek above the upper dam. The other feature trends northwest marked by a small gully which contained a large amount of quartz float.

Granodiorite displays a dominant joint-fracture-fault trend of north-south and shallow easterly dip. The prominent linears follow this orientation and appear to correlate with the main quartz vein occurrences in the Moosehorn Range. Examination of a remote sensing image of the area indicate a series of north-south trending structures and several northwest-southeast oriented linears.

## TABLE II-TABLE OF FORMATIONS

(adapted from Open File 73-41)

### QUATERNARY

Q-Undifferentiated, unconsolidated gravels, sands and clays.

### CRETACEOUS OR YOUNGER

Kr-Felsic volcanic dikes and plugs, a white to cream quartz feldspar porphyry felsic rock.

Ka-Brown weathering mafic volcanic dikes, commonly seen as rounded cobbles on surface.

Kg-Granitic bodies, possibly Coffee Creek Granite.

Kdi-Dioritic sills and dykes

### TRIASSIC

TRgd-Hornblende granodiorite

## MINERALIZATION

Quartz-sulphide veins are well exposed in several large cuts. The No. 1 vein is exposed over a 350 m strike length and outcrops a further 750 m to the south in a road bank above Soya Creek. It strikes  $175^{\circ}$  and dips  $10-15^{\circ}$  east. The No. 1 vein appears to continue to the north up the small creek known as the Airport Pup. The No. 2 vein is exposed in a series of trenches and clearings. It occurs with numerous narrow veins in a zone that trends  $160^{\circ}$  up the north side of the Swamp Creek valley which has been traced over a 200 m strike length. The No. 3 vein located above the upper dam on the south side of Swamp Creek occurs in a fracture zone trending  $035^{\circ}$ . To the southeast bellow Mr. Hartley's camp another quartz-sulphide vein ( GIT vein ) over a 100 m in length has been exposed in 10 trenches by Mr. Hartley on the GIT claims.

In general vein thickness varies from 0.10-1.0 m and averages 0.3 m. The veins contain 0-15% sulphide minerals, in fine grained patches and bands, and as crystalline dissemination's. The primary sulphides are arsenopyrite and stibnite with less sphalerite and galena. Bands and stringers of red and yellow As & Sb oxides with patchy free gold occur in the quartz. Narrow quartz sericite limonite alteration containing fine grained arsenopyrite is present along the vein margins in the host granodiorite.

Stockwork veining is present around the No. 2 vein as a series of parallel veins 1-2 cm wide containing arsenopyrite and stibnite. There is a good possibility of a fairly wide zone of low grade mineralization around the No. 2 vein. Other fracture zones were examined in the pit wall of the No. 1 vein-south, near the No. 3 vein in the placer cut and on the east side of the large dam. These zones are fractured quartz-sericite-limonite alteration zones 5-20 m wide that have a vertical dip and an anomalous VLF response. Samples 81476, 81477 & 81481 taken from the fractured alteration zones produced background gold values.

The strongest gold values appear to coincide with higher content of arsenopyrite and/or galena. Visible gold was present in quartz boulders washed in the placer mine however it appears as flakes which were pounded into the quartz by stream action. Gold grains coating sulphide minerals were also observed in the sluice box, but visible gold is rare in hand specimens from the No. 1 vein. One sample cut with a rock saw and polished showed visible gold grains in massive fine grained arsenopyrite and stibnite.

In contrast the No. 2 vein has abundant visible gold in yellow to reddish-brown bands of As-Sb oxide minerals. Exceptional grades were assayed on portions of the No. 2 vein carrying visible gold. Some visible gold was also noted in quartz sericite veinlets in the hanging wall.

Seven samples collected by the writer on September 10, 1994 are described in Table III.

TABLE III-SAMPLE VALUES &amp; DESCRIPTIONS

| SAMPLE NUMBER | WIDTH (IN.) | DESCRIPTION  | AU OZ/T | AG OZ/T | AS % |
|---------------|-------------|--|---------|---------|------|
| 18402         | 24          | Quartz vein, 4% bands of galena + arsenopyrite           | 0.366   | 0.63    | 0.32 |
| 18403         | 16          | Quartz vein, 4% patches of galena + arsenopyrtie         | 4.155   | 1.62    | 0.66 |
| 18404         | 14          | Quartz vein, 15% bands and clots arseno. +stib. + galena | 0.676   | 1.30    | 1.42 |
| 18405         | 26          | Quartz vein, 5% sulphide bands                           | 0.039   | 0.42    | 0.77 |
| 18406         | Grab        | Quartz vein, 5% patches of galena +stib.                 | 0.035   | 1.33    | 0.08 |
| 18407         | Grab        | Quartz from vein margin, bands of arseno. + stib.        | 0.074   | 1.35    | 2.19 |
| 18408         | Grab        | Quartz vein, open casts, limonite, no visible sulphides  | 4.908   | 1.38    | 0.78 |
| 18409         | Grab        | Narrow quartz-chalcedony vein                            | 0.005   | 0.11    | 0.02 |

Four samples submitted by Mr. Svean to Premier Gold Project lab have the following results.

TABLE III-SAMPLE VALUES &amp; DESCRIPTIONS, cont'd

| SAMPLE NUMBER | WIDTH (IN.) | DESCRIPTION                   | AU OZ/T | AG OZ/T | AS % |
|---------------|-------------|-------------------------------|---------|---------|------|
| Sikn-L01      | Grab        | Broken ore vein, > 7% arseno. | 7.15    | 4.4     |      |
| Sikn-L02      | Grab        | same as above                 | 5.875   | 3.2     |      |
| Sikn-L03      | Grab        | same as above                 | 6.514   | 3.7     |      |
| 6.8kg rock    | Grab        | same as above                 | 4.047   |         |      |

The writer collected another seventeen samples in May, 1995 which are listed below

TABLE III-SAMPLE VALUES & DESCRIPTIONS, cont'd

| SAMPLE NUMBER | WIDTH    | DESCRIPTION  | AU OPT | AS PPB | PB PPB |
|---------------|----------|--|--------|--------|--------|
| 81476         | 5 m chip | No. 1 pit wall, rusty fractured quartz sericite alteration zone, narrow quartz veins | 0.004  | 426    | 76     |
| 81477         | 7 m chip | Rusty fractured zone in granodiorite   | <0.001 | 98     | 49     |
| 81478         | grab     | No. 1 vein, quartz-sulphide vein, some oxide bands                                   | 1.591  | 3746   | 2.5%   |
| 81479         | grab     | No. 3 vein, quartz-sulphide vein   | 2.268  | 2.4%   | 5575   |
| 81480         | grab     | Granodiorite from the hanging wall of 81479, quartz-sericite-limonite alteration     | 0.050  | 1.9%   | 513    |
| 81481         | 5 m grab | Rusty fractured granodiorite, quartz sericite alteration                             | 0.003  | 334    | 47     |
| 81482         | grab     | No. 2 vein, white to yellow quartz vein, 2% arseno. & stibnite                       | 0.129  | 1059   | 8083   |
| 81483         | grab     | BEN, white quartz vein, sericite, no visible sulphides                               | 0.001  | 46     | 145    |
| 81484         | grab     | BEN, white quartz vein   | <0.001 | 319    | 68     |
| 81485         | grab     | SCOT, quartz chalcedony breccia, no visible sulphides                                | <0.001 | 43     | 44     |
| 81486         | grab     | BEN, quartz vein   | <0.001 | 125    | 27     |
| 81487         | grab     | GIT, 0.25 m quartz sulphide vein   | 0.297  | 1.3%   | 421    |
| 81488         | grab     | GIT, 0.25 m quartz sulphide vein   | 1.259  | 7565   | 3190   |
| 81489         | grab     | GIT, 0.3 m quartz-sulphide vein  | 0.898  | 4192   | 2547   |
| 81490         | grab     | GIT, 0.15 m quartz sulphide vein   | 0.080  | 2729   | 17273  |
| 81491         | grab     | GIT, 0.1 m quartz -sulphide vein   | 0.233  | 1042   | 4101   |
| 81492         | grab     | No. 2 vein, backhoe trench   | 8.848  | 1.9%   | 4516   |

Samples collected on two property visits by Hemlo Gold Mines Limited produced results consistent with previous sampling. Hemlo's results are listed in Appendix IV.

Gold values appear to have a fairly wide range consistent with the occurrence of free gold, "nugget effect".

## VLF-EM SURVEYS

The VLF-EM survey recorded strong responses ( Anomaly A ) in both the Seattle and Hawaii frequencies along the north-south linear evident on the airphotos. This conductor follows the Airport Pup and underlies the large pile of material stripped off the No. 1 vein. The conductor occurs about 25 m west of the No. 1 vein and is parallel to the vein however its relationship to the vein is not clear.

A weaker response ( Anomaly B ) was evident along the trend of the No. 2 vein located at the dump. Abundant quartz float is present along this trend to the north indicating that this vein may continue.

A second strong response ( Anomaly C ) trends northeast crossing the main branch of Swamp Creek above the upper dam in the vicinity of the No. 3 vein. A rusty fractured alteration zone in the granodiorite was exposed along the trace of this anomaly.

Anomaly D on the western edge of the grid correlates with some quartz float in the ditch of the main access road and along the Swamp Creek road. No samples were collected from this area.

Several lines of reconnaissance VLF were run at the south end of the property. A line along the Hartley camp access road produced a strong response which lines up with the main north-south airphoto linear. Quartz float in the roadbed indicate the presence of a quartz vein which may be the southern extension of the No. 1 vein. A bulldozer trench across this zone exposed an area of rusty quartz-sericite-limonite in the granodiorite. Samples collected by Hemlo Gold Mines Ltd. of the alteration assayed background values in gold.

Two other lines run along winter roads beside Scottie Creek did not produce anomalous results. An aeromagnetic low in this area is probably caused by underlying volcanic rocks.

## TRENCHING

A backhoe trench at the bottom of the Airport Pup uncovered a rusty frozen zone containing quartz-sulphide vein fragments that marks the northern continuation of the No. 1 vein. Continued trenching to the north is recommended to try and expose the No. 1 vein. Sample 81478 from the south exposure of the No. 1 vein assayed 1.591 opt gold.

The Number 2 vein has been exposed in a series of trenches over 300 m. Two pits have been mined along the vein. A backhoe trench at the No. 2 South vein exposed a slightly folded quartz-sulphide vein that has stockwork veining in the hanging wall. The vein appears to be folded by a rhyolite dyke that cuts across the base of the trench. Samples 81482 and 81492 assayed 0.129 & 8.848 opt gold. At the north end the vein ends at an andesite dyke.

The No. 3 vein was exposed in a trench as a 10 cm wide quartz-sulphide vein near a rhyolite dyke. Several large boulders of vein quartz were uncovered and subsequent trenching has located a larger quartz-sulphide vein up to 1.0 m in width. Sample 81479 from the No. 3 vein assayed 2.268 opt gold.

## MINING

Gold bearing quartz ore was extracted from three pits in the 1995 season. Pit dimensions are listed in Table III and locations are shown in Figure 6. A large pit on the number 1 vein required extensive bulldozer stripping of overburden and soft bedrock followed by blasting and stripping of harder bedrock to expose the quartz vein for mining. Approximately 1400 tons of ore was excavated from the No. 1 vein.

Table III  
Pit and Trench Dimensions

| Description                                   | Claim Name | Length | Width | Depth | Volume |
|---|------------|--------|-------|-------|--------|
| No. 1 vein, pit stripping and blasting        |            | 100    | 40    | 15    | 60,000 |
| No. 1 vein, overburden stripping              |            | 100    | 50    | 5     | 25,000 |
| No. 2 vein South, stripping and excavating    |            | 50     | 50    | 10    | 25,000 |
| No. 2 vein North, stripping and excavating    |            | 60     | 50    | 10    | 30,000 |
| No. 2 vein, bulldozer and excavator trenching |            | 250    | 5     | 4     | 5,000  |
| No. 3 vein, bulldozer and excavator trenching |            | 200    | 5     | 1.5   | 1,500  |
| Soya Ck. road, cat trenching of quartz vein   |            |        |       |       |        |
| Hartley road, cat trench on VLF-EM anomaly    |            |        |       |       |        |

The number 2 South vein was mined in a smaller pit with approximately 550 tons of ore extracted. The number 2 North vein was exposed by extensive bulldozer stripping and mined from a smaller pit by excavator. Approximately 550 tons of ore was mined.

## DISCUSSION

Sikanni Oilfield Constructon had a bussy 1995 season building and operating a mill, developing and mining several quartz veins and exploring for other quartz occurrences. High grade mining and milling have proved successful producing 1,300 ounces of free gold and 24 tons of concentrate.

The northern portion of No. 1 vein has been mined out and further open cut mining in this area will be very expensive due to a high stripping ratio. The southern portion of the No. 1 vein is available for mining but the vein width is fairly narrow ( 40 cm ).The No. 2 vein system has been exposed over several hundred meters of strike length and should provide a reliable source of ore for the 1996 season. The No. 3 vein is poorly exposed but also contains significant mining potential.

Geologically, the quartz-sulphide veins are associated with fault structures and are proximal to diorite sills, and rhyolite and andesite dykes. Stockwork veining and rusty fracture zones are present around the larger veins and along structures indicated by the VLF-EM survey. Recommendations for future exploration include extending the present grid to the south as far as Soya Creek and to the north as far as Kenyon Creek to facilitate mapping and to expand the VLF-EM coverage.

Other recommendations include;

- 1) Trench the No. 3 vein along strike to establish size and grade.
- 2) Trench the No. 1 vein north of Swamp Creek.

The Claymore property is an attractive target for mining companies exploring for high grade and/or bulk tonnage gold deposits. Representatives of several companies visited the property in 1995 and negotiations are proceeding on potential exploration agreements. It is recommended that an airborne geophysical survey of the area be one of the work commitments.

## REFERENCES

Greig J., 1975, Geological, Geochemical & Drilling Report on the Lori Claim Group for Claymore Resources Ltd.

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Templeman-Kluit, 1973, GSC Paper 73-41

Tilsley R., 1993, High Grade Potential of Quartz Veins in the Swamp Creek Area, private report for Sikanni Oilfield Construction Ltd.

Waugh D., 1975, Report on the DEA Mineral Claims for Great Bear Mining Ltd.

Waugh D., 1984, Geological Report on the Reef Mineral Claims for K. Maloy, private report.

CERTIFICATE

I, GRAHAM DAVIDSON, of the City of Whitehorse in the Yukon Territory, HEREBY CERTIFY:

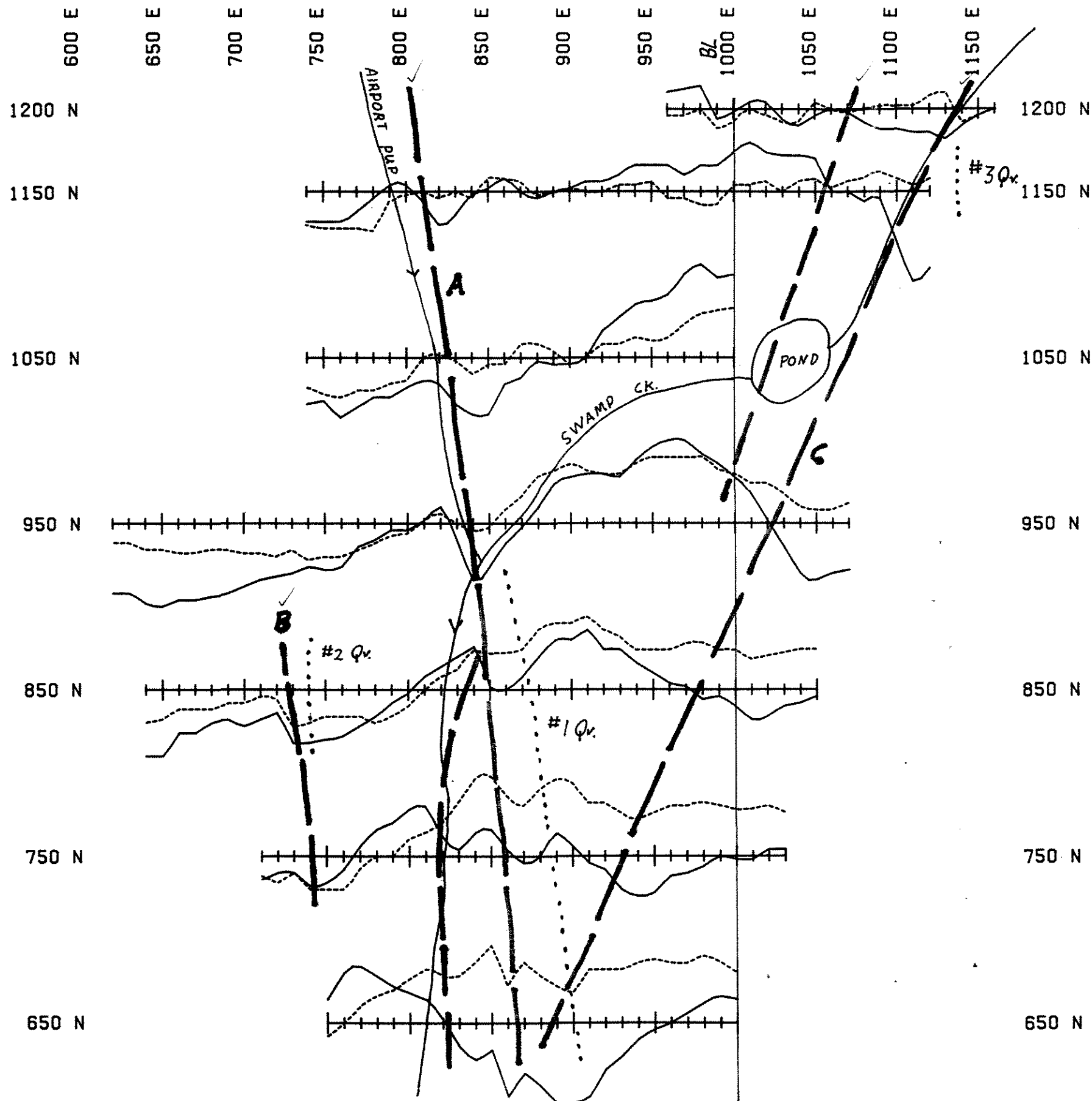
1. That I am a consulting geologist and that I reviewed published and private reports and maps on the subject property provided by Sikanni Oilfield Construction Ltd. and that I visited the Claymore property in September, 1994 and May, 1995.
2. That I am a graduate of the University of Western Ontario (H. BSc., Geology, 1981).
3. That I am registered as a Professional Geologist by the Association of Professional Engineers, Geologists and Geophysicists of Alberta (No.42038).
4. That I have been engaged in mineral exploration for fourteen years in the Yukon & Northwest Territories and British Columbia.
5. I do not have any interest, direct or indirect in the properties of Sikanni Oilfield Construction Ltd., nor do I expect to receive any such interest in the properties pertaining thereto.
6. I hereby grant my permission to Sikanni Oilfield Construction Ltd. to use this report for any legal purposes normal to the business of the company.


SIGNED at Whitehorse, Yukon, this 7th day of November, 1995.

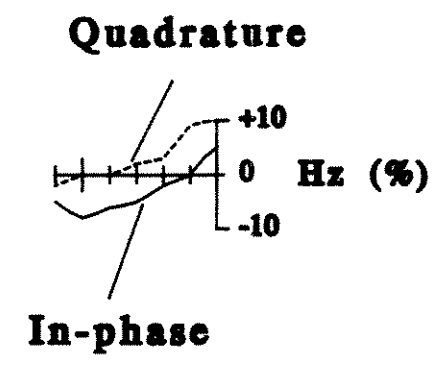
G. S. DAVIDSON, P. Geol.







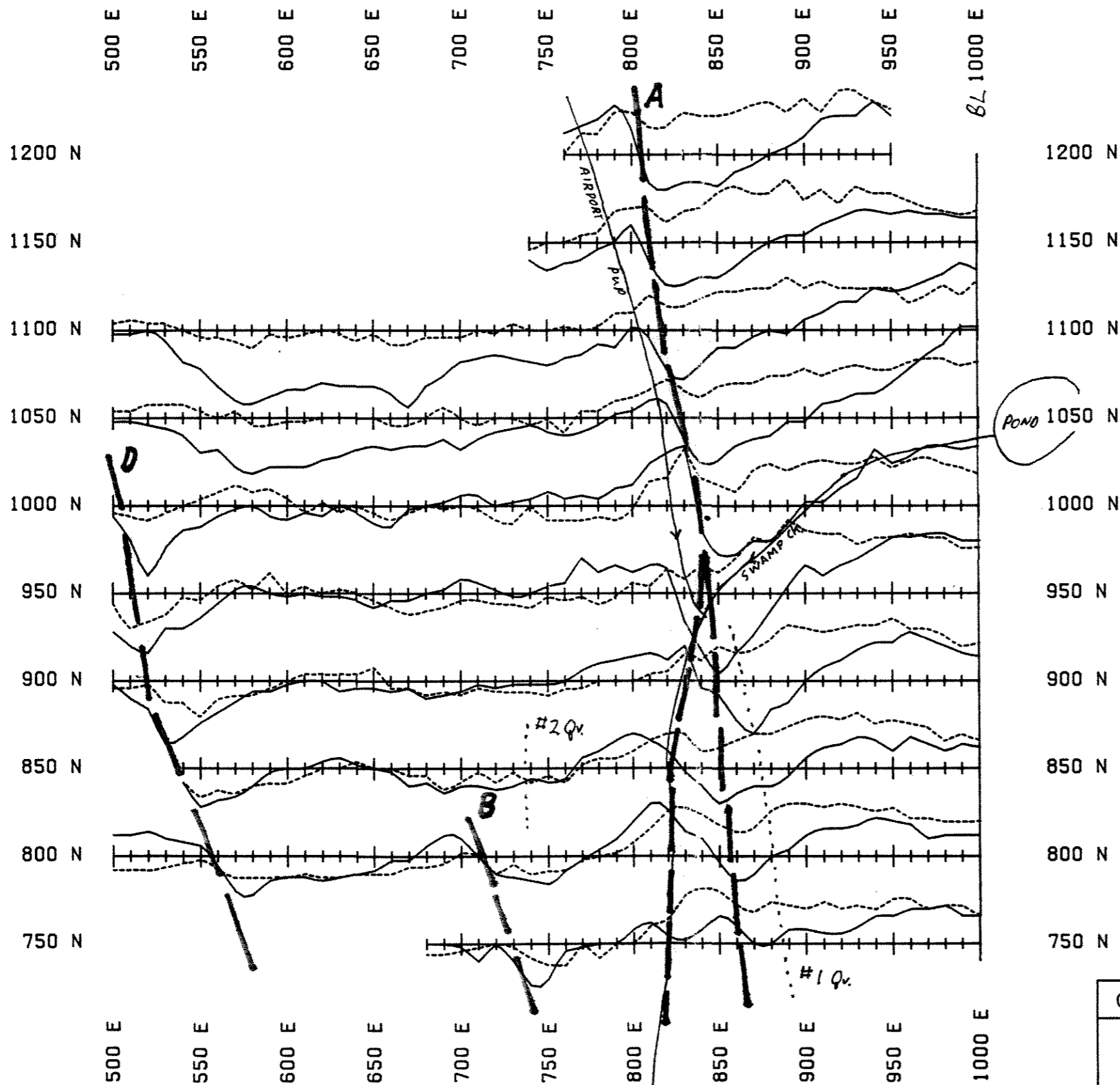
  
**N**  
**NPM**  
**Lualualei, Ha.**




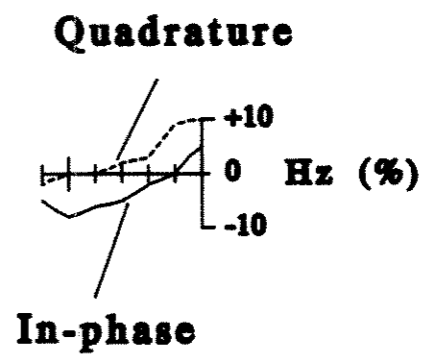
- **Conductor axis**



|                                      |                             |
|--------------------------------------|-----------------------------|
| GRAHAM DAVIDSON P. GEOL.             | CLAYMORE PROPERTY           |
| VLF-EM SURVEY<br>STACKED PROFILE MAP | MINING DISTRICT : WHITEHOSE |
|                                      | NTS: 15 N 2   SCALE: 1:2500 |
|                                      | OPERATOR: G. DAVIDSON       |
| AMEROK GEOSCIENCES                   | DATE: 19 MAY 95   FIGURE: 7 |



  
**N**  
**NLK**  
**Jim Creek, Wa.**



|                                      |                              |
|--------------------------------------|------------------------------|
| GRAHAM DAVIDSON P. GEOL.             | CLAYMORE PROPERTY            |
| VLF-EM SURVEY<br>STACKED PROFILE MAP | MINING DISTRICT : WHITEHOSE  |
|                                      | NTS: 1:5 N 2   SCALE: 1:2500 |
|                                      | OPERATOR: G. DAVIDSON        |
| AMEROK GEOSCIENCES                   | DATE: 19 MAY 95   FIGURE 8   |

APPENDIX I  
CERTIFICATES OF ANALYSIS

07/06/95

Assay Certificate

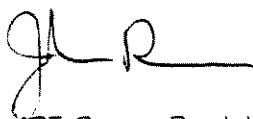
Page 1

Graham Davidson

WO#27930  
Proj.: Sikanni

| Sample # | Au oz/ton |
|----------|-----------|
| 81476    | 0.004     |
| 81477    | <0.001    |
| 81478    | 1.591     |
| 81479    | 2.268     |
| 81480    | 0.050     |
| 81481    | 0.003     |
| 81482    | 0.129     |
| 81483    | 0.001     |
| 81484    | <0.001    |
| 81485    | <0.001    |
| 81486    | <0.001    |
| 81487    | 0.297     |
| 81488    | 1.259     |
| 81489    | 0.898     |
| 81490    | 0.080     |
| 81491    | 0.233     |
| 81492    | 8.848     |

Certified by







INTERNATIONAL PLASMA LABORATORY LTD.

CERTIFICATE OF ANALYSIS
iPL 95E2910

2036 Columbia Street
Vancouver, B.C.
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898

Northern Analytical Laboratories 17 Samples

Out: May 30, 1995 Project: 27930
In: May 29, 1995 Shipper: Norm Smith
PO#: 054675 Shipment: ID=C030900
Msg: ICP(AqR)30

0= Rock 0= Soil 0= Core 0=RC Ct 17= Pulp 0=Other
Raw Storage: -- -- -- -- 12Mon/Dis --
Pulp Storage: -- -- -- -- 12Mon/Dis --

[030717:09:28:59053095]
Mon=Month Dis=Discard
Rtn=Return Arc=Archive

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Fx:403/668-4890

Analytical Summary

Table with columns: ##, Code, Met, Title, Limit, Limit, Units, Description, Element, ##. Contains 30 rows of analytical data for various elements like Silver, Copper, Lead, Zinc, etc.

SMLC's  
work

# NORANDA DELTA LABORATORY

## Geochemical Analysis

Lab. #

Project Name & No.: YUKON GENEX - 212  
 Material: 2 Silts & 49 Rx  
 Remarks: \* Sample screened @ -35 MESH (0.5 mm)  
 ■ Organic, Humus, S Sulfide

Geol.: CS/GM  
 Sheet: 1 of 2

Date received: JULY 11  
 Date completed: JULY 14

LAB CODE: 9507-017  
 R #26008

ICP - 0.2 g sample digested with 3 ml HClO<sub>4</sub>/HNO<sub>3</sub> (4:1) at 203 °C for 4 hours diluted to 10 ml with water. Looman FS3000 ICP determined elemental contents.  
 N.B. The major oxide elements and Ba, Be, Co, La, Li, Ga are rarely dissolved completely from geological materials with this acid dissolution method.

| T.T. No. | SAMPLE No. | Au ppb | Ag ppm | Al % | As ppm | Ba ppm | Be ppm | Bi ppm | Ca % | Cd ppm | Ce ppm | Co ppm | Cr ppm | Cu ppm | Fe %  | K %  | La ppm | Li ppm | Mg % | Mn ppm | Mo ppm | Na % | Ni ppm | P %  | Pb ppm | Sr ppm | Ti % | V ppm | Zn ppm |
|----------|------------|--------|--------|------|--------|--------|--------|--------|------|--------|--------|--------|--------|--------|-------|------|--------|--------|------|--------|--------|------|--------|------|--------|--------|------|-------|--------|
| 146      | MLSC silt  | 6      | 1.2    | 6.62 | 37     | 322    | 1.4    | 5      | 3.33 | 1.1    | 83     | 42     | 201    | 172    | 7.46  | 0.63 | 32     | 27     | 3.46 | 1224   | 1      | 0.12 | 194    | 0.16 | 5      | 137    | 0.55 | 222   | 353    |
| 147      | MLSF silt  | 14     | 1.2    | 7.08 | 52     | 365    | 1.4    | 5      | 2.81 | 1.4    | 100    | 45     | 254    | 183    | 7.65  | 0.68 | 37     | 29     | 3.37 | 1270   | 3      | 0.14 | 267    | 0.20 | 1      | 112    | 0.55 | 226   | 364    |
| 148      | 169126 rx  | 85000  | 24.4   | 1.51 | 13000  | 310    | 0.4    | 5      | 0.06 | 216.1  | 19     | 3      | 106    | 37     | 2.16  | 0.67 | 10     | 5      | 0.13 | 60     | 30     | 0.01 | 3      | 0.01 | 2359   | 20     | 0.01 | 17    | 7828   |
| 151      | 169127     | 13350  | 122.0  | 0.15 | 106    | 28     | 0.2    | 5      | 0.01 | 13.0   | 9      | 1      | 306    | 41     | 0.91  | 0.02 | 1      | 3      | 0.05 | 45     | 2      | 0.01 | 3      | 0.01 | 21000  | 9      | 0.01 | 11    | 447    |
| 152      | 169128     | 230    | 1.4    | 4.61 | 868    | 1362   | 1.2    | 5      | 0.23 | 0.2    | 78     | 8      | 34     | 24     | 3.53  | 1.95 | 41     | 3      | 0.18 | 860    | 1      | 0.06 | 3      | 0.10 | 44     | 15     | 0.07 | 99    | 79     |
| 153      | 169129     | 13800  | 14.0   | 0.97 | 1241   | 264    | 0.3    | 5      | 0.04 | 4.5    | 26     | 2      | 159    | 12     | 1.02  | 0.44 | 10     | 3      | 0.04 | 156    | 1      | 0.01 | 3      | 0.02 | 2954   | 5      | 0.01 | 67    | 261    |
| 154      | 169130     | 305    | 1.0    | 4.29 | 723    | 954    | 1.1    | 5      | 0.23 | 2.0    | 76     | 8      | 50     | 13     | 3.34  | 1.82 | 33     | 7      | 0.22 | 516    | 1      | 0.06 | 3      | 0.09 | 350    | 15     | 0.09 | 90    | 506    |
| 155      | 169131     | 450    | 1.4    | 7.15 | 3538   | 1308   | 1.5    | 5      | 0.26 | 4.2    | 94     | 5      | 18     | 17     | 3.51  | 3.25 | 45     | 6      | 0.28 | 265    | 1      | 0.06 | 3      | 0.10 | 131    | 16     | 0.10 | 74    | 147    |
| 156      | 169132     | 45     | 0.2    | 4.12 | 226    | 1322   | 1.0    | 5      | 0.27 | 0.2    | 84     | 8      | 42     | 13     | 2.96  | 1.81 | 34     | 7      | 0.27 | 796    | 1      | 0.07 | 4      | 0.09 | 57     | 14     | 0.10 | 67    | 45     |
| 157      | 169133     | 405    | 0.6    | 5.60 | 2696   | 1283   | 1.3    | 5      | 0.34 | 0.9    | 127    | 7      | 16     | 13     | 3.88  | 2.53 | 67     | 4      | 0.24 | 835    | 1      | 0.05 | 5      | 0.11 | 76     | 20     | 0.10 | 97    | 121    |
| 158      | 169134     | 4100   | 60.8   | 0.55 | 2664   | 306    | 0.2    | 5      | 0.01 | 66.4   | 12     | 1      | 260    | 20     | 0.71  | 0.28 | 4      | 1      | 0.02 | 48     | 3      | 0.01 | 3      | 0.01 | 11000  | 6      | 0.01 | 15    | 1982   |
| 159      | 169135     | 1010   | 2.0    | 7.23 | 1253   | 1322   | 1.6    | 5      | 0.18 | 5.7    | 102    | 13     | 20     | 13     | 3.27  | 3.13 | 50     | 4      | 0.19 | 1209   | 1      | 0.05 | 5      | 0.09 | 237    | 15     | 0.05 | 81    | 364    |
| 160      | 169136     | 660000 | 100.4  | 0.35 | 17000  | 221    | 0.2    | 5      | 0.01 | 69.0   | 5      | 2      | 237    | 33     | 1.87  | 0.18 | 3      | 3      | 0.01 | 41     | 3      | 0.01 | 2      | 0.01 | 9074   | 6      | 0.01 | 5     | 2009   |
| 161      | 169137     | 240000 | 89.2   | 0.62 | 14000  | 524    | 0.2    | 5      | 0.03 | 67.4   | 5      | 2      | 217    | 55     | 1.88  | 0.28 | 3      | 2      | 0.03 | 75     | 1      | 0.01 | 2      | 0.01 | 15000  | 23     | 0.01 | 10    | 819    |
| 162      | 169138     | 770    | 1.4    | 5.73 | 13000  | 3211   | 1.2    | 5      | 0.24 | 3.6    | 107    | 7      | 11     | 14     | 3.00  | 2.63 | 62     | 6      | 0.36 | 975    | 1      | 0.05 | 3      | 0.09 | 169    | 36     | 0.07 | 51    | 347    |
| 163      | 169139     | 134000 | 50.0   | 2.84 | 4297   | 596    | 0.7    | 5      | 0.16 | 21.1   | 26     | 4      | 136    | 32     | 2.27  | 1.09 | 15     | 6      | 0.24 | 178    | 3      | 0.02 | 3      | 0.04 | 6421   | 17     | 0.03 | 32    | 554    |
| 164      | 169140     | 160    | 2.0    | 6.82 | 693    | 1053   | 1.5    | 5      | 0.27 | 8.2    | 58     | 9      | 21     | 28     | 4.69  | 2.72 | 30     | 5      | 0.26 | 1120   | 1      | 0.05 | 2      | 0.10 | 145    | 20     | 0.06 | 71    | 532    |
| 166      | 169141     | 158000 | 87.8   | 2.26 | 8630   | 485    | 0.5    | 5      | 0.33 | 24.1   | 21     | 2      | 97     | 79     | 2.42  | 1.03 | 11     | 2      | 0.10 | 68     | 1      | 0.02 | 1      | 0.02 | 4375   | 20     | 0.02 | 139   | 815    |
| 167      | 169142     | 3000   | 4.6    | 4.65 | 1986   | 678    | 1.0    | 5      | 0.27 | 9.1    | 51     | 3      | 28     | 9      | 2.29  | 1.91 | 25     | 6      | 0.31 | 199    | 1      | 0.04 | 2      | 0.05 | 552    | 17     | 0.07 | 49    | 832    |
| 168      | 169143     | 1195   | 4.0    | 6.85 | 2940   | 3459   | 1.8    | 36     | 0.46 | 3.2    | 98     | 4      | 8      | 10     | 4.58  | 3.20 | 57     | 13     | 0.53 | 1998   | 1      | 0.09 | 5      | 0.13 | 740    | 33     | 0.12 | 119   | 246    |
| 169      | 169144     | 7500   | 55.4   | 0.39 | 900    | 123    | 0.2    | 5      | 0.06 | 11.5   | 5      | 2      | 270    | 44     | 0.62  | 0.18 | 2      | 3      | 0.04 | 65     | 2      | 0.01 | 4      | 0.02 | 4636   | 7      | 0.01 | 129   | 1064   |
| 170      | 169145     | 1700   | 2.2    | 7.38 | 2357   | 1502   | 1.4    | 5      | 0.36 | 12.0   | 62     | 4      | 23     | 14     | 3.56  | 3.31 | 36     | 3      | 0.25 | 187    | 1      | 0.05 | 3      | 0.17 | 809    | 17     | 0.07 | 107   | 706    |
| 171      | 169146     | 25     | 1.2    | 3.64 | 39     | 63     | 0.7    | 5      | 4.21 | 0.2    | 68     | 22     | 16     | 154    | 6.59  | 0.33 | 17     | 11     | 1.11 | 757    | 2      | 0.05 | 12     | 0.09 | 20     | 276    | 0.32 | 277   | 43     |
| 172      | 169147     | 515    | 1.6    | 0.95 | 238    | 547    | 0.6    | 5      | 0.47 | 0.2    | 34     | 9      | 18     | 89     | 8.15  | 1.03 | 13     | 16     | 0.32 | 173    | 3      | 0.07 | 1      | 0.10 | 19     | 375    | 0.12 | 66    | 20     |
| 173      | 169148     | 175    | 1.4    | 0.86 | 87     | 122    | 0.7    | 5      | 0.84 | 0.2    | 38     | 12     | 43     | 125    | 6.73  | 0.19 | 11     | 7      | 0.46 | 349    | 2      | 0.05 | 13     | 0.04 | 30     | 120    | 0.19 | 43    | 36     |
| 174      | 169149     | 140    | 1.2    | 3.98 | 101    | 1059   | 1.4    | 5      | 1.37 | 0.6    | 57     | 17     | 40     | 89     | 6.57  | 1.60 | 17     | 32     | 1.14 | 553    | 2      | 0.06 | 15     | 0.11 | 127    | 244    | 0.14 | 195   | 113    |
| 175      | 169150     | 20     | 0.6    | 1.49 | 847    | 1923   | 1.0    | 5      | 0.08 | 0.2    | 41     | 5      | 199    | 39     | 11.17 | 1.67 | 21     | 14     | 0.23 | 109    | 2      | 0.18 | 31     | 0.04 | 20     | 186    | 0.10 | 79    | 23     |
| 176      | 169351     | 5      | 1.0    | 3.46 | 22     | 61     | 0.8    | 5      | 6.09 | 0.2    | 83     | 6      | 38     | 67     | 3.77  | 0.05 | 15     | 6      | 0.17 | 820    | 2      | 0.04 | 4      | 0.06 | 17     | 434    | 0.19 | 241   | 22     |
| 177      | 169352     | 5      | 1.0    | 3.99 | 27     | 140    | 0.9    | 5      | 4.77 | 0.2    | 78     | 19     | 14     | 172    | 6.22  | 0.61 | 18     | 15     | 1.24 | 849    | 2      | 0.04 | 16     | 0.10 | 7      | 318    | 0.28 | 247   | 42     |
| 179      | 169353     | 25     | 0.8    | 3.85 | 132    | 797    | 1.2    | 5      | 1.77 | 0.2    | 54     | 13     | 19     | 91     | 7.59  | 1.62 | 17     | 23     | 1.27 | 689    | 4      | 0.04 | 8      | 0.13 | 62     | 264    | 0.16 | 220   | 46     |
| 180      | 169354     | 175    | 1.0    | 3.32 | 933    | 332    | 1.1    | 5      | 4.56 | 0.4    | 57     | 25     | 21     | 74     | 5.48  | 0.87 | 14     | 33     | 2.34 | 1141   | 1      | 0.05 | 19     | 0.05 | 13     | 202    | 0.13 | 144   | 61     |
| 181      | 169355     | 410    | 4.0    | 4.12 | 1834   | 1002   | 1.8    | 5      | 0.49 | 13.4   | 23     | 18     | 49     | 280    | 6.79  | 1.64 | 12     | 23     | 1.95 | 736    | 4      | 0.03 | 13     | 0.04 | 1263   | 35     | 0.11 | 143   | 1423   |
| 182      | 169356     | 5      | 0.8    | 2.71 | 318    | 284    | 0.7    | 5      | 1.98 | 1.2    | 55     | 18     | 22     | 33     | 4.75  | 0.94 | 13     | 18     | 1.99 | 811    | 1      | 0.04 | 7      | 0.06 | 14     | 91     | 0.17 | 141   | 120    |
| 183      | 169376     | 175    | 1.0    | 3.92 | 2004   | 3639   | 2.8    | 5      | 0.12 | 0.2    | 105    | 8      | 244    | 43     | 17.75 | 2.70 | 52     | 22     | 0.41 | 153    | 10     | 0.18 | 39     | 0.06 | 57     | 212    | 0.15 | 162   | 63     |
| 184      | 169377 rx  | 20     | 1.6    | 0.95 | 74     | 162    | 0.4    | 5      | 0.63 | 1.0    | 18     | 6      | 174    | 40     | 1.64  | 0.32 | 3      | 11     | 0.61 | 282    | 5      | 0.02 | 7      | 0.01 | 511    | 35     | 0.03 | 40    | 77     |

1/21 top - all sampling in immediate area of #1, 2, 3 veins

| No. | No.       | As     | Ag   | Al   | As    | Ba   | Be  | Bi  | Ca   | Cd    | Ce  | Co  | Cr  | Cu  | Fe   | K    | La  | Li  | Mg   | Mn   | Mo  | Na   | Ni  | P    | Pb   | Sr  | Tl   | V   | Zn   | 6607-01 |
|-----|-----------|--------|------|------|-------|------|-----|-----|------|-------|-----|-----|-----|-----|------|------|-----|-----|------|------|-----|------|-----|------|------|-----|------|-----|------|---------|
|     |           | ppb    | ppm  | %    | ppm   | ppm  | ppm | ppm | %    | ppm   | ppm | ppm | ppm | ppm | %    | %    | ppm | ppm | %    | ppm  | ppm | %    | ppm | %    | ppm  | ppm | %    | ppm | ppm  | ppm     |
| 185 | 169378 rx | 30     | 60.8 | 2.35 | 224   | 468  | 0.8 | 5   | 2.20 | 189.8 | 46  | 12  | 86  | 213 | 2.95 | 0.75 | 9   | 31  | 1.48 | 644  | 13  | 0.03 | 13  | 0.01 | 2761 | 118 | 0.05 | 91  | 8706 |         |
| 186 | 169379    | 10     | 1.2  | 4.49 | 341   | 842  | 1.4 | 5   | 3.24 | 0.9   | 65  | 19  | 42  | 38  | 5.17 | 1.33 | 13  | 49  | 3.06 | 1129 | 1   | 0.04 | 24  | 0.04 | 31   | 167 | 0.09 | 161 | 122  |         |
| 187 | 169380    | 170    | 3.4  | 4.09 | 1107  | 361  | 1.1 | 5   | 4.05 | 7.5   | 71  | 22  | 21  | 126 | 5.68 | 1.15 | 13  | 48  | 2.33 | 1001 | 1   | 0.05 | 15  | 0.08 | 310  | 193 | 0.19 | 172 | 908  |         |
| 188 | 171513    | 5      | 1.0  | 2.34 | 53    | 496  | 0.6 | 5   | 1.02 | 0.4   | 98  | 9   | 44  | 12  | 3.68 | 0.90 | 37  | 14  | 0.88 | 1044 | 1   | 0.09 | 5   | 0.09 | 17   | 50  | 0.17 | 64  | 177  |         |
| 189 | 171514    | 5      | 0.2  | 2.07 | 75    | 338  | 0.6 | 5   | 0.36 | 0.4   | 78  | 8   | 65  | 10  | 3.51 | 0.59 | 31  | 16  | 0.72 | 389  | 1   | 0.09 | 4   | 0.08 | 19   | 25  | 0.16 | 56  | 96   |         |
| 190 | 171515    | 30     | 0.4  | 3.09 | 104   | 186  | 1.1 | 5   | 2.68 | 1.1   | 114 | 33  | 72  | 46  | 7.13 | 0.12 | 35  | 38  | 1.99 | 1241 | 1   | 0.27 | 64  | 0.24 | 13   | 171 | 0.74 | 137 | 135  |         |
| 191 | 171516    | 14100  | 25.0 | 2.29 | 13057 | 599  | 0.6 | 5   | 0.37 | 35.9  | 28  | 4   | 137 | 28  | 1.89 | 1.09 | 13  | 4   | 0.16 | 280  | 2   | 0.02 | 4   | 0.03 | 3071 | 42  | 0.03 | 23  | 1053 |         |
| 192 | 171517    | 1365   | 37.0 | 0.25 | 1021  | 105  | 0.2 | 5   | 0.02 | 6.8   | 5   | 2   | 188 | 20  | 0.71 | 0.11 | 1   | 3   | 0.02 | 204  | 1   | 0.01 | 4   | 0.01 | 4285 | 3   | 0.01 | 36  | 251  |         |
| 193 | 171518    | 25     | 1.2  | 6.35 | 537   | 1053 | 1.4 | 5   | 0.22 | 0.6   | 82  | 10  | 14  | 13  | 3.60 | 2.74 | 44  | 7   | 0.18 | 857  | 1   | 0.05 | 3   | 0.10 | 177  | 15  | 0.09 | 88  | 298  |         |
| 194 | 171519    | 30     | 0.8  | 5.24 | 584   | 952  | 1.2 | 5   | 0.23 | 0.3   | 69  | 9   | 19  | 14  | 3.74 | 2.21 | 36  | 1   | 0.17 | 811  | 1   | 0.05 | 4   | 0.10 | 177  | 15  | 0.09 | 89  | 169  |         |
| 195 | 171520    | 85     | 0.4  | 4.66 | 616   | 1103 | 1.1 | 5   | 0.41 | 0.3   | 66  | 10  | 35  | 13  | 3.78 | 1.97 | 32  | 7   | 0.34 | 852  | 1   | 0.06 | 4   | 0.10 | 41   | 22  | 0.12 | 87  | 107  |         |
| 197 | 171521    | 1165   | 4.0  | 4.65 | 2880  | 930  | 1.0 | 5   | 0.31 | 3.6   | 65  | 10  | 34  | 16  | 3.30 | 1.97 | 32  | 7   | 0.24 | 765  | 1   | 0.05 | 10  | 0.09 | 312  | 27  | 0.11 | 80  | 348  |         |
| 198 | 171522    | 60     | 1.0  | 6.62 | 233   | 967  | 1.4 | 5   | 0.31 | 1.9   | 82  | 9   | 20  | 11  | 3.37 | 2.61 | 38  | 15  | 0.64 | 1095 | 2   | 0.06 | 7   | 0.10 | 139  | 24  | 0.09 | 61  | 358  |         |
| 201 | 171523    | 152500 | 59.0 | 2.33 | 9319  | 1022 | 0.6 | 5   | 0.16 | 65.3  | 32  | 2   | 148 | 41  | 2.69 | 1.01 | 17  | 4   | 0.18 | 193  | 4   | 0.02 | 4   | 0.03 | 5624 | 26  | 0.02 | 29  | 945  |         |
| 202 | 171524    | 1270   | 1.4  | 6.61 | 4817  | 1312 | 1.4 | 5   | 0.28 | 3.0   | 76  | 8   | 23  | 13  | 3.31 | 2.70 | 38  | 9   | 0.49 | 488  | 1   | 0.06 | 5   | 0.09 | 273  | 24  | 0.06 | 58  | 568  |         |
| 203 | 171525 rx | 1600   | 1.8  | 5.28 | 3513  | 1129 | 1.3 | 5   | 0.24 | 12.4  | 63  | 6   | 41  | 15  | 3.28 | 2.33 | 32  | 4   | 0.22 | 364  | 1   | 0.04 | 4   | 0.06 | 349  | 17  | 0.05 | 96  | 704  |         |

Carry's Trip

2nd trip

# NORANDA DELTA LABORATORY Geochemical Analysis

Project Name & No.: YUKON GENEX - 212 (HEMLO)  
Material: 52 Soils & 47 Rx  
Remarks: \* Sample screened @ -35 MESH (0.5 mm)

Geol.: G.B.  
Sheet: 1 of 3

Date received: AUG. 04  
Date completed: AUG. 09

LAB CODE: 9508-009

\* Organic, A Humus, S Sulfide  
Au - silt & soil, 15.0 g sample digested with aqua-regis and determined by A.A. (D.L. 2 PPB); Rx, 10.0 g/AR/AA (D.L. 5 PPB)  
ICP - 0.2 g sample digested with 3 ml HClO<sub>4</sub>/HNO<sub>3</sub> (4:1) at 203 °C for 4 hours diluted to 10 ml with water. Leeman PS3000 ICP determined elemental contents.  
N.B. The major oxide elements and Ba, Be, Ce, La, Li, Ga are rarely dissolved completely from geological materials with this acid dissolution method.

| T.T. No. | SAMPLE No. | Au ppb | Ag ppm | Al % | As ppm | Ba ppm | Be ppm | Bi ppm | Ca % | Cd ppm | Ce ppm | Co ppm | Cr ppm | Cu ppm | Fe % | K %  | La ppm | Li ppm | Mg % | Mn ppm | Mo ppm | Na % | Ni ppm | P %  | Pb ppm | Sr ppm | Ti % | V ppm | Zn ppm |
|----------|------------|--------|--------|------|--------|--------|--------|--------|------|--------|--------|--------|--------|--------|------|------|--------|--------|------|--------|--------|------|--------|------|--------|--------|------|-------|--------|
| 3        | A-000 soil | 5      | 0.2    | 3.65 | 10     | 355    | 0.5    | 5      | 0.86 | 0.2    | 60     | 8      | 35     | 20     | 3.34 | 0.40 | 20     | 20     | 0.75 | 347    | 1      | 0.09 | 17     | 0.09 | 8      | 65     | 0.33 | 100   | 85     |
| 4        | A-050      | 5      | 0.2    | 3.15 | 7      | 437    | 0.5    | 5      | 0.95 | 0.2    | 71     | 8      | 29     | 25     | 2.71 | 0.32 | 26     | 16     | 0.57 | 527    | 1      | 0.12 | 17     | 0.11 | 6      | 73     | 0.25 | 75    | 82     |
| 5        | A-100      | 5      | 0.2    | 2.51 | 10     | 387    | 0.5    | 5      | 0.92 | 0.2    | 77     | 8      | 27     | 25     | 2.48 | 0.28 | 31     | 13     | 0.49 | 514    | 1      | 0.14 | 15     | 0.10 | 7      | 72     | 0.22 | 70    | 84     |
| 6        | A-150      | 5      | 0.8    | 1.27 | 5      | 339    | 0.7    | 5      | 0.94 | 0.3    | 117    | 12     | 26     | 40     | 1.53 | 0.12 | 45     | 4      | 0.18 | 1656   | 1      | 0.08 | 12     | 0.24 | 4      | 71     | 0.08 | 33    | 52     |
| 7        | A-200      | 5      | 0.2    | 2.87 | 12     | 331    | 0.5    | 5      | 0.70 | 0.2    | 55     | 9      | 35     | 26     | 3.13 | 0.32 | 17     | 16     | 0.70 | 469    | 1      | 0.16 | 17     | 0.11 | 8      | 53     | 0.30 | 100   | 74     |
| 8        | A-250      | 5      | 0.2    | 2.46 | 10     | 348    | 0.4    | 5      | 0.73 | 0.2    | 49     | 10     | 34     | 23     | 3.08 | 0.34 | 16     | 13     | 0.67 | 561    | 1      | 0.19 | 17     | 0.07 | 8      | 55     | 0.29 | 99    | 85     |
| 9        | A-300      | 5      | 0.2    | 2.51 | 8      | 400    | 0.5    | 5      | 0.97 | 0.3    | 60     | 10     | 32     | 27     | 2.79 | 0.30 | 19     | 15     | 0.59 | 826    | 1      | 0.14 | 18     | 0.12 | 6      | 70     | 0.26 | 86    | 81     |
| 10       | A-350      | 5      | 0.2    | 2.66 | 16     | 451    | 0.6    | 5      | 0.87 | 0.3    | 65     | 15     | 30     | 29     | 3.11 | 0.32 | 22     | 15     | 0.57 | 2702   | 1      | 0.16 | 19     | 0.13 | 8      | 64     | 0.23 | 85    | 81     |
| 11       | A-400      | 5      | 0.2    | 2.94 | 18     | 403    | 0.6    | 5      | 0.89 | 0.2    | 59     | 10     | 33     | 28     | 3.18 | 0.32 | 23     | 17     | 0.59 | 561    | 1      | 0.16 | 19     | 0.10 | 7      | 66     | 0.25 | 92    | 74     |
| 12       | A-450      | 5      | 0.2    | 2.00 | 12     | 228    | 0.4    | 5      | 0.52 | 0.2    | 34     | 6      | 28     | 19     | 2.38 | 0.27 | 11     | 11     | 0.38 | 253    | 1      | 0.24 | 11     | 0.05 | 5      | 40     | 0.23 | 76    | 49     |
| 13       | A-500      | 5      | 0.2    | 2.59 | 14     | 315    | 0.5    | 5      | 1.07 | 0.2    | 57     | 9      | 38     | 24     | 3.20 | 0.37 | 20     | 15     | 0.71 | 476    | 1      | 0.11 | 19     | 0.08 | 6      | 72     | 0.32 | 101   | 76     |
| 14       | A-550      | 15     | 0.2    | 2.54 | 16     | 234    | 0.5    | 5      | 0.53 | 0.2    | 43     | 8      | 35     | 23     | 3.28 | 0.25 | 15     | 15     | 0.52 | 338    | 1      | 0.16 | 16     | 0.08 | 6      | 40     | 0.28 | 95    | 72     |
| 15       | A-600      | 5      | 0.2    | 2.21 | 17     | 424    | 0.5    | 5      | 1.00 | 0.3    | 48     | 9      | 32     | 23     | 3.00 | 0.24 | 15     | 14     | 0.52 | 552    | 1      | 0.16 | 16     | 0.10 | 8      | 68     | 0.27 | 93    | 75     |
| 16       | A-650      | 5      | 0.2    | 2.73 | 9      | 227    | 0.5    | 5      | 0.53 | 0.2    | 42     | 8      | 39     | 25     | 3.48 | 0.27 | 13     | 15     | 0.45 | 364    | 1      | 0.14 | 16     | 0.09 | 7      | 45     | 0.30 | 108   | 69     |
| 17       | A-700      | 5      | 0.2    | 1.46 | 23     | 270    | 0.4    | 5      | 1.24 | 0.7    | 49     | 7      | 21     | 27     | 1.75 | 0.23 | 16     | 7      | 0.30 | 630    | 1      | 0.17 | 13     | 0.12 | 7      | 78     | 0.15 | 52    | 75     |
| 18       | A-750      | 5      | 0.2    | 2.67 | 52     | 284    | 0.6    | 5      | 0.72 | 0.2    | 52     | 9      | 46     | 25     | 3.66 | 0.36 | 17     | 15     | 0.58 | 405    | 1      | 0.09 | 17     | 0.09 | 10     | 55     | 0.35 | 124   | 71     |
| 19       | A-800      | 5      | 0.2    | 3.52 | 16     | 271    | 0.6    | 5      | 0.79 | 0.2    | 56     | 11     | 45     | 26     | 3.70 | 0.42 | 21     | 18     | 0.79 | 422    | 1      | 0.07 | 23     | 0.09 | 9      | 54     | 0.36 | 121   | 71     |
| 20       | B-000      | 5      | 0.2    | 3.39 | 72     | 278    | 0.7    | 5      | 0.66 | 0.2    | 54     | 13     | 40     | 31     | 3.88 | 0.38 | 19     | 19     | 0.77 | 578    | 1      | 0.10 | 27     | 0.07 | 9      | 48     | 0.33 | 117   | 82     |
| 21       | B-050      | 5      | 0.2    | 2.52 | 11     | 345    | 0.5    | 5      | 0.68 | 0.2    | 44     | 10     | 40     | 24     | 3.27 | 0.31 | 15     | 15     | 0.62 | 653    | 1      | 0.13 | 19     | 0.11 | 5      | 51     | 0.28 | 97    | 68     |
| 22       | B-100      | 5      | 0.2    | 1.57 | 6      | 381    | 0.4    | 5      | 0.59 | 0.2    | 33     | 8      | 25     | 16     | 2.07 | 0.18 | 11     | 9      | 0.32 | 806    | 1      | 0.20 | 11     | 0.13 | 3      | 49     | 0.18 | 58    | 52     |
| 23       | B-150      | 5      | 0.2    | 1.80 | 45     | 269    | 0.4    | 5      | 0.83 | 0.2    | 50     | 9      | 30     | 25     | 2.49 | 0.26 | 16     | 11     | 0.46 | 616    | 1      | 0.17 | 15     | 0.10 | 5      | 56     | 0.23 | 72    | 63     |
| 24       | B-200      | 5      | 0.2    | 2.65 | 112    | 260    | 0.5    | 5      | 0.59 | 0.2    | 51     | 9      | 31     | 23     | 3.29 | 0.33 | 18     | 16     | 0.57 | 413    | 1      | 0.21 | 17     | 0.07 | 6      | 42     | 0.28 | 93    | 64     |
| 25       | B-250      | 5      | 0.2    | 2.90 | 15     | 290    | 0.5    | 5      | 0.80 | 0.2    | 60     | 11     | 41     | 24     | 3.95 | 0.37 | 17     | 18     | 0.72 | 607    | 1      | 0.09 | 21     | 0.10 | 7      | 54     | 0.33 | 117   | 79     |
| 26       | B-300      | 5      | 0.2    | 3.67 | 34     | 402    | 0.8    | 5      | 0.95 | 0.2    | 71     | 13     | 33     | 37     | 3.86 | 0.42 | 25     | 22     | 0.78 | 512    | 1      | 0.14 | 26     | 0.13 | 11     | 64     | 0.29 | 107   | 93     |
| 27       | B-350      | 5      | 0.2    | 3.36 | 10     | 324    | 0.6    | 5      | 1.02 | 0.2    | 66     | 10     | 43     | 27     | 3.58 | 0.45 | 22     | 19     | 0.91 | 427    | 1      | 0.08 | 23     | 0.09 | 10     | 65     | 0.38 | 116   | 82     |
| 28       | B-400      | 5      | 0.2    | 2.08 | 5      | 258    | 0.4    | 5      | 0.57 | 0.2    | 47     | 6      | 35     | 25     | 2.46 | 0.31 | 16     | 10     | 0.41 | 343    | 1      | 0.15 | 13     | 0.08 | 7      | 44     | 0.31 | 90    | 53     |
| 29       | B-450      | 5      | 0.2    | 3.51 | 30     | 292    | 0.6    | 5      | 0.65 | 0.2    | 67     | 11     | 47     | 29     | 4.09 | 0.37 | 26     | 20     | 0.78 | 521    | 1      | 0.07 | 21     | 0.08 | 10     | 50     | 0.36 | 127   | 76     |
| 30       | B-500      | 5      | 0.2    | 1.01 | 2      | 99     | 0.2    | 5      | 0.34 | 0.2    | 23     | 4      | 18     | 10     | 1.54 | 0.19 | 8      | 8      | 0.29 | 136    | 1      | 0.37 | 6      | 0.02 | 2      | 23     | 0.19 | 50    | 37     |
| 31       | B-550      | 5      | 0.2    | 2.21 | 12     | 179    | 0.4    | 5      | 0.48 | 0.2    | 35     | 10     | 35     | 19     | 3.02 | 0.33 | 12     | 14     | 0.53 | 606    | 1      | 0.14 | 13     | 0.06 | 5      | 35     | 0.28 | 93    | 85     |
| 32       | B-600      | 5      | 0.2    | 3.26 | 22     | 219    | 0.6    | 5      | 0.56 | 0.2    | 51     | 11     | 39     | 26     | 3.81 | 0.32 | 19     | 21     | 0.67 | 597    | 1      | 0.08 | 19     | 0.08 | 5      | 42     | 0.32 | 109   | 74     |
| 33       | B-650      | 5      | 0.2    | 2.97 | 12     | 199    | 0.5    | 5      | 0.44 | 0.2    | 42     | 8      | 39     | 25     | 4.02 | 0.32 | 16     | 20     | 0.59 | 480    | 1      | 0.12 | 15     | 0.09 | 5      | 37     | 0.35 | 120   | 95     |
| 34       | B-700      | 5      | 0.2    | 3.64 | 20     | 238    | 0.6    | 5      | 0.58 | 0.2    | 48     | 10     | 38     | 23     | 3.82 | 0.35 | 16     | 21     | 0.76 | 467    | 1      | 0.10 | 20     | 0.08 | 5      | 44     | 0.34 | 111   | 77     |
| 35       | B-750      | 5      | 0.2    | 2.51 | 17     | 213    | 0.4    | 5      | 0.62 | 0.2    | 46     | 7      | 33     | 20     | 3.20 | 0.30 | 16     | 14     | 0.61 | 335    | 1      | 0.13 | 15     | 0.04 | 5      | 46     | 0.31 | 103   | 64     |
| 36       | B-800      | 5      | 0.2    | 2.67 | 15     | 304    | 0.5    | 5      | 0.77 | 0.2    | 62     | 15     | 32     | 25     | 3.23 | 0.34 | 21     | 16     | 0.66 | 1957   | 1      | 0.11 | 18     | 0.11 | 6      | 55     | 0.28 | 91    | 83     |
| 37       | B-850 soil | 5      | 0.2    | 2.49 | 14     | 300    | 0.6    | 5      | 0.90 | 0.2    | 70     | 13     | 32     | 26     | 3.21 | 0.29 | 26     | 14     | 0.59 | 939    | 1      | 0.10 | 16     | 0.14 | 5      | 61     | 0.25 | 92    | 72     |

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| T.T. No.       | SAMPLE No. | Au ppb | Ag ppm | Al % | As ppm | Ba ppm | Bc ppm | Bi ppm | Ca % | Cl ppm | Ce ppm | Co ppm | Cr ppm | Cu ppm | Fe % | K %  | La ppm | Li ppm | Mg % | Mn ppm | Mo ppm | Na % | Ni ppm | P %  | Pb ppm | Sr ppm | Ti % | V ppm | Zn ppm | 8508-009 |
|----------------|------------|--------|--------|------|--------|--------|--------|--------|------|--------|--------|--------|--------|--------|------|------|--------|--------|------|--------|--------|------|--------|------|--------|--------|------|-------|--------|----------|
| 85 #1          | 171954 rx  | 5      | 0.2    | 3.44 | 206    | 313    | 0.8    | 5      | 0.40 | 1.7    | 82     | 8      | 46     | 13     | 3.89 | 1.13 | 37     | 12     | 0.76 | 479    | 1      | 0.07 | 3      | 0.09 | 22     | 21     | 0.12 | 65    | 288    |          |
| 86             | 171955     | 735    | 1.0    | 7.67 | 1354   | 1297   | 1.5    | 5      | 0.32 | 5.5    | 102    | 7      | 18     | 12     | 3.83 | 3.05 | 46     | 11     | 0.63 | 946    | 1      | 0.04 | 5      | 0.11 | 554    | 25     | 0.07 | 66    | 499    |          |
| 87             | 171956     | 20     | 0.2    | 4.22 | 260    | 812    | 0.9    | 5      | 0.28 | 0.8    | 90     | 7      | 50     | 12     | 3.54 | 1.64 | 40     | 9      | 0.45 | 523    | 1      | 0.06 | 5      | 0.09 | 188    | 16     | 0.09 | 62    | 202    |          |
| 88             | 171957     | 5      | 0.6    | 2.00 | 123    | 429    | 0.4    | 5      | 0.60 | 0.2    | 74     | 8      | 60     | 13     | 3.82 | 0.83 | 31     | 11     | 0.87 | 619    | 1      | 0.09 | 5      | 0.08 | 4      | 26     | 0.22 | 61    | 75     |          |
| 89             | 171958     | 5      | 0.2    | 2.02 | 30     | 343    | 0.4    | 5      | 0.69 | 0.2    | 80     | 8      | 47     | 12     | 3.93 | 0.87 | 32     | 12     | 0.92 | 686    | 1      | 0.10 | 5      | 0.09 | 4      | 30     | 0.25 | 64    | 74     |          |
| 90             | 171959     | 5      | 0.2    | 2.60 | 97     | 400    | 0.6    | 5      | 0.43 | 0.2    | 85     | 8      | 69     | 17     | 3.78 | 0.81 | 40     | 15     | 0.74 | 616    | 1      | 0.08 | 6      | 0.09 | 12     | 23     | 0.13 | 62    | 84     |          |
| 91 WEST        | 171960     | 5      | 0.4    | 3.18 | 2      | 453    | 0.8    | 5      | 1.21 | 0.2    | 93     | 11     | 39     | 20     | 4.99 | 1.05 | 35     | 15     | 1.30 | 1055   | 1      | 0.09 | 5      | 0.11 | 9      | 73     | 0.24 | 87    | 110    |          |
| 92 KENYON      | 171961     | 15     | 3.0    | 3.60 | 21     | 720    | 0.8    | 5      | 0.70 | 0.2    | 85     | 7      | 41     | 25     | 3.54 | 1.56 | 34     | 9      | 0.67 | 916    | 1      | 0.08 | 3      | 0.09 | 7      | 42     | 0.17 | 62    | 67     |          |
| 93             | 171962     | 5      | 0.2    | 4.80 | 3      | 217    | 1.2    | 5      | 0.51 | 0.2    | 92     | 8      | 25     | 9      | 3.28 | 1.44 | 44     | 13     | 0.62 | 536    | 1      | 0.05 | 6      | 0.09 | 10     | 30     | 0.07 | 55    | 59     |          |
| 94             | 171963     | 5      | 0.2    | 3.72 | 4      | 427    | 1.0    | 5      | 0.90 | 0.2    | 90     | 15     | 45     | 20     | 4.45 | 0.66 | 32     | 25     | 1.03 | 744    | 1      | 0.10 | 24     | 0.14 | 7      | 117    | 0.33 | 59    | 71     |          |
| 95 SOUTH       | 171964     | 5      | 0.2    | 5.08 | 16     | 361    | 1.3    | 5      | 1.41 | 0.2    | 101    | 26     | 44     | 31     | 7.11 | 0.43 | 32     | 51     | 1.88 | 1143   | 1      | 0.05 | 50     | 0.27 | 4      | 71     | 0.28 | 97    | 113    |          |
| 96             | 171965     | 15     | 0.2    | 6.42 | 7      | 289    | 1.3    | 5      | 0.34 | 0.2    | 59     | 8      | 28     | 11     | 3.13 | 2.04 | 25     | 24     | 0.44 | 352    | 1      | 0.03 | 4      | 0.10 | 11     | 24     | 0.07 | 77    | 59     |          |
| 97             | 171966     | 5      | 0.2    | 6.18 | 51     | 384    | 1.1    | 5      | 0.44 | 0.2    | 88     | 9      | 28     | 30     | 3.88 | 1.27 | 37     | 24     | 0.57 | 690    | 1      | 0.04 | 7      | 0.10 | 12     | 30     | 0.09 | 70    | 75     |          |
| 98             | 171967     | 5      | 0.2    | 3.74 | 10     | 821    | 0.8    | 5      | 2.09 | 0.2    | 100    | 17     | 30     | 66     | 7.24 | 1.55 | 37     | 19     | 2.21 | 1693   | 1      | 0.21 | 8      | 0.17 | 2      | 31     | 0.52 | 118   | 144    |          |
| 101 WATLY ROAD | 171968     | 5      | 0.2    | 2.55 | 3      | 390    | 0.5    | 5      | 1.37 | 0.2    | 79     | 11     | 56     | 17     | 3.41 | 0.83 | 26     | 17     | 1.02 | 644    | 1      | 0.26 | 8      | 0.06 | 6      | 72     | 0.26 | 89    | 59     |          |
| 103 SOYA       | 171969 v   | 325    | 1.4    | 6.98 | 2455   | 785    | 1.4    | 5      | 0.15 | 3.0    | 69     | 3      | 17     | 8      | 2.09 | 2.99 | 33     | 3      | 0.18 | 249    | 1      | 0.05 | 2      | 0.05 | 219    | 45     | 0.05 | 39    | 192    |          |
| 104            | 171970     | 5      | 0.2    | 3.22 | 16     | 293    | 0.5    | 5      | 3.17 | 0.2    | 92     | 10     | 29     | 15     | 3.75 | 0.97 | 26     | 18     | 1.08 | 811    | 1      | 0.17 | 4      | 0.07 | 8      | 101    | 0.23 | 86    | 66     |          |
| 105 CAMP       | 171971     | 5      | 0.2    | 3.06 | 7      | 237    | 0.5    | 5      | 1.63 | 0.2    | 86     | 10     | 31     | 13     | 3.77 | 0.95 | 27     | 19     | 1.09 | 672    | 1      | 0.19 | 3      | 0.07 | 8      | 83     | 0.23 | 86    | 65     |          |
| 106            | 171972 rx  | 5      | 0.2    | 2.42 | 13     | 238    | 0.6    | 5      | 0.68 | 0.2    | 65     | 4      | 50     | 9      | 2.00 | 0.89 | 21     | 7      | 0.25 | 224    | 1      | 0.09 | 2      | 0.04 | 10     | 18     | 0.07 | 35    | 42     |          |

TRANSMITTAL FORM

|                           |
|---------------------------|
| M.R. file no.             |
| R.M.M.R. file no.         |
| Date forwarded<br>8/11/95 |

From ► Mining Recorder at: Whitehorse

To ► Regional Manager, Mineral Rights at Whitehorse, Y.T. Geology

For action are:

|   |   |  |
|---|---|--|
| <input type="checkbox"/> NEW APPLICATION FOR PLACER LEASE TO PROSPECT             | Name  |  |
| <input type="checkbox"/> RENEWAL APPLICATION PLACER LEASE TO PROSPECT             | Name  | Lease no.                                |
| <input type="checkbox"/> AFFIDAVIT OF EXPENDITURE ON PLACER LEASE                 | Name  | Lease no.                                |
| <input type="checkbox"/> SECURITY DEPOSIT   |   |  |
| <input type="checkbox"/> FINANCIAL ABILITY  |   |  |
| <input type="checkbox"/> ASSIGNMENT OF PLACER LEASE NO.                           | From  | To                                       |
| <input type="checkbox"/> GROUPING APPLICATION UNDER SEC. 52(2) PLACER MINING ACT. | Owner   |  |
| <input type="checkbox"/> DIAMOND DRILL LOGS                                       | Claims  | Claim sheet no.                          |
| <input type="checkbox"/> QUARTZ ASSESSMENT REPORT                                 | Claims<br><u>SCOT, LIN, MAR, RED, RAN, RAG, WON, BENDEN</u>                       | Claim sheet no.<br><u>115N-02</u>        |
|   | Type of report<br><u>Summary Report.</u>  | Submitted by                             |
|   | Cls. work performed on<br><u>G. Davidson / Sikanni Oilfield Construction Ltd.</u> | \$ req. for ren. application<br><u>0</u> |

  
 Signature

REPLY ACTION

|               |
|---------------|
| Date returned |
|---------------|

filed for info only - not required for assessment credits.

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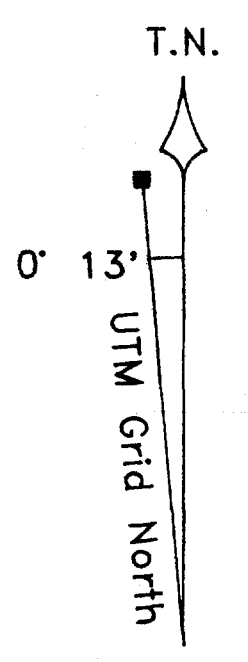
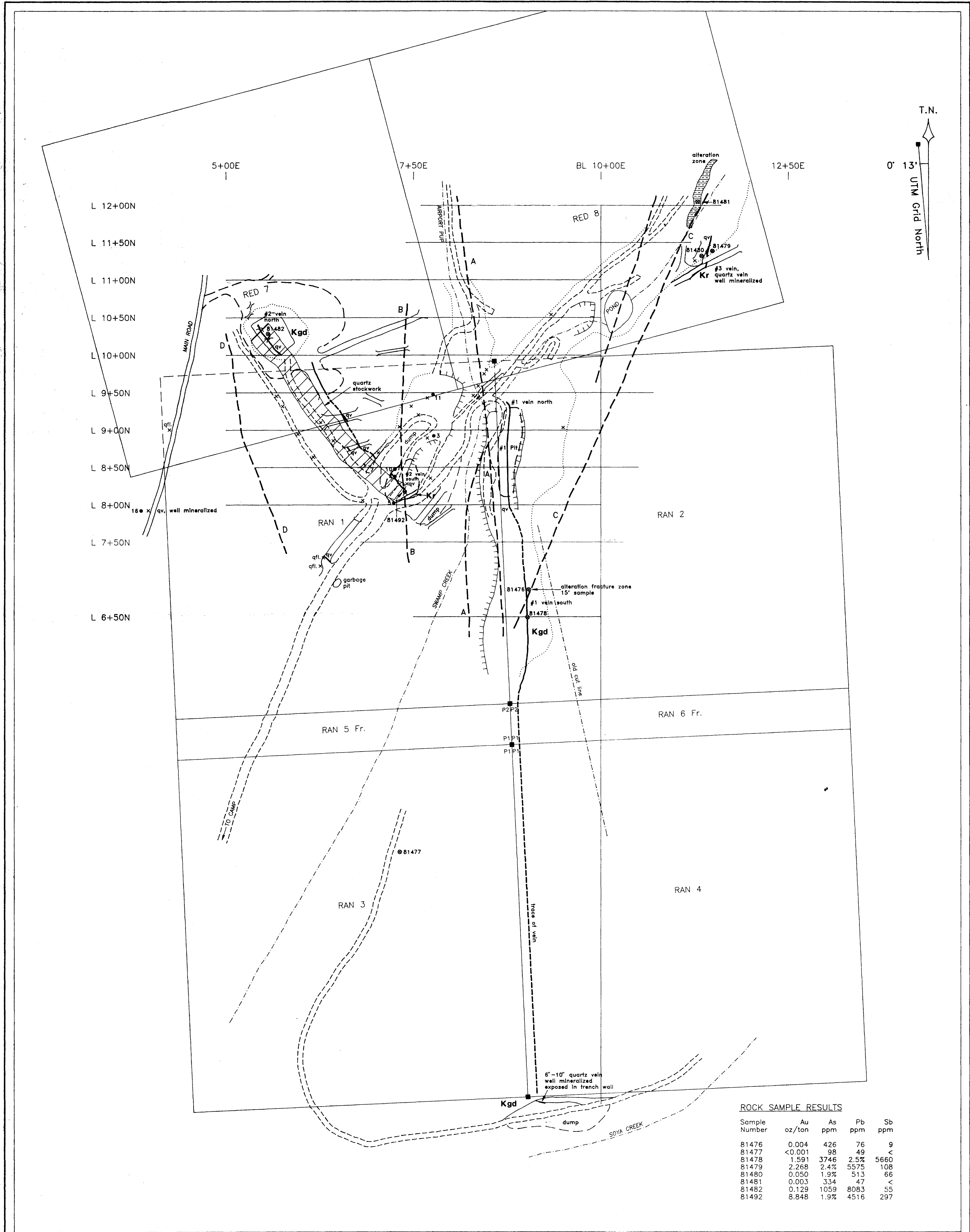


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 Signature



**ROCK SAMPLE RESULTS**

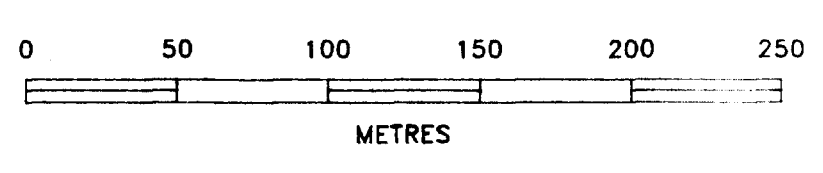
| Sample Number | Au oz/ton | As ppm | Pb ppm | Sb ppm |
|---------------|-----------|--------|--------|--------|
| 81476         | 0.004     | 426    | 76     | 9      |
| 81477         | <0.001    | 98     | 49     | <      |
| 81478         | 1.591     | 3746   | 2.5%   | 5660   |
| 81479         | 2.268     | 2.4%   | 5575   | 108    |
| 81480         | 0.050     | 1.9%   | 513    | 66     |
| 81481         | 0.003     | 334    | 47     | <      |
| 81482         | 0.129     | 1059   | 8083   | 55     |
| 81492         | 8.848     | 1.9%   | 4516   | 297    |

**LEGEND**

- stream, creek
- 4-wheel drive road
- main access road
- limit of stripping
- claim posts located
- claim line
- VLF survey grid
- VLF conductor axis
- quartz vein
- quartz vein (approx.)
- quartz float
- 1995 rock sample site, no.
- 1993 drill hole, no.
- bulldozer trench
- pit boundary
- scarp

**GEOLOGY**

- Kr Rhyolite Dyke
- Ka Andesite
- Kdi Diorite
- Kgd Granodiorite

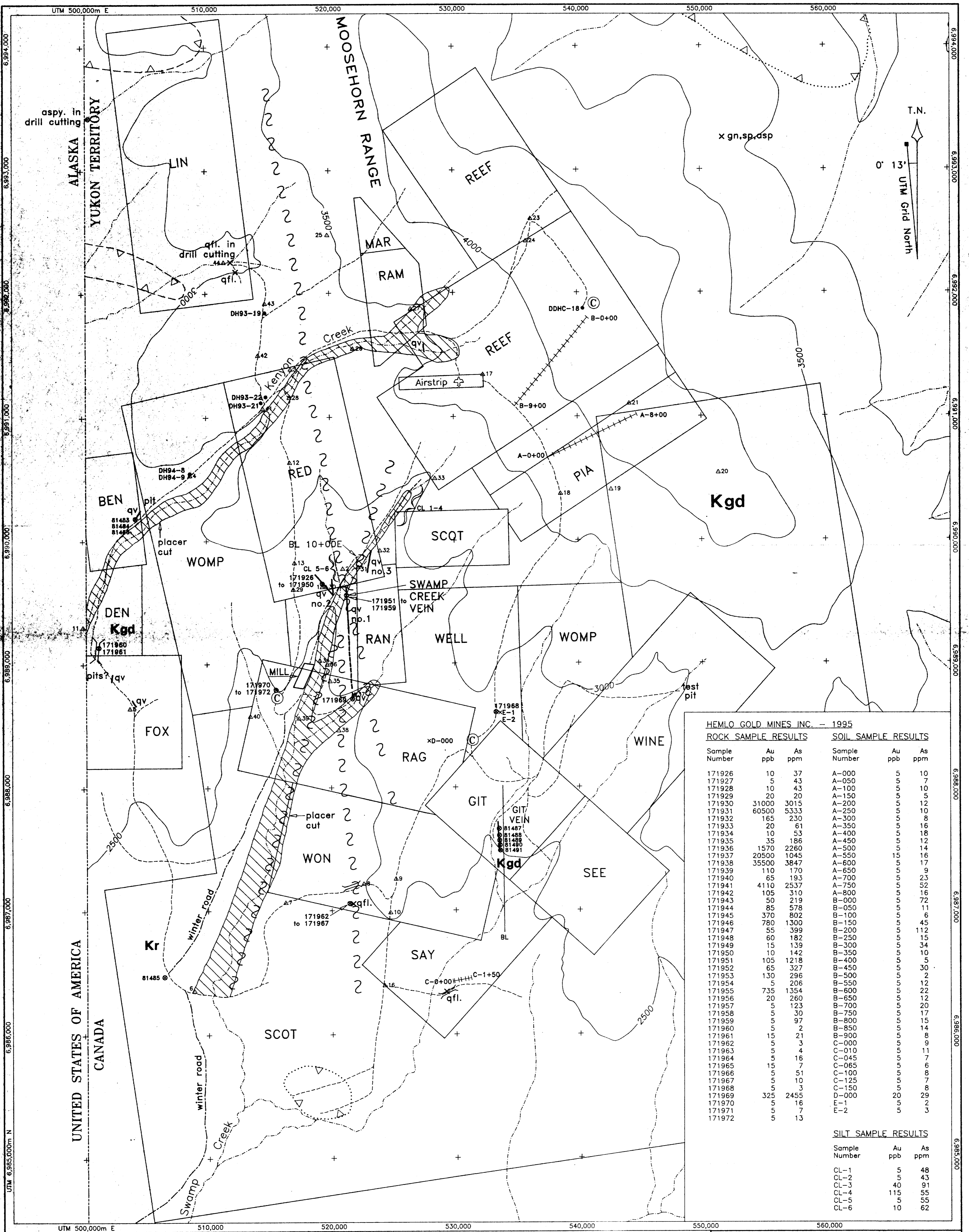


Sikanni Oilfield Construction Ltd.

**CLAYMORE PROPERTY  
GRID PLAN - GEOLOGY**

Graham Davidson, Consulting Geologist

|                    |                    |
|--------------------|--------------------|
| SCALE: 1 : 2,500   | DATE: Nov. 2, 1995 |
| NTS: 115 N/2, K/15 | DRAWN:             |
|                    | FIGURE 6           |



**HEMLO GOLD MINES INC. - 1995**

| ROCK SAMPLE RESULTS |        |        | SOIL SAMPLE RESULTS |        |        |
|---------------------|--------|--------|---------------------|--------|--------|
| Sample Number       | Au ppb | As ppm | Sample Number       | Au ppb | As ppm |
| 171926              | 10     | 37     | A-000               | 5      | 10     |
| 171927              | 5      | 43     | A-050               | 5      | 7      |
| 171928              | 10     | 43     | A-100               | 5      | 10     |
| 171929              | 20     | 20     | A-150               | 5      | 5      |
| 171930              | 31000  | 3015   | A-200               | 5      | 12     |
| 171931              | 60500  | 5333   | A-250               | 5      | 10     |
| 171932              | 165    | 230    | A-300               | 5      | 8      |
| 171933              | 20     | 61     | A-350               | 5      | 16     |
| 171934              | 10     | 53     | A-400               | 5      | 18     |
| 171935              | 35     | 186    | A-450               | 5      | 12     |
| 171936              | 1570   | 2260   | A-500               | 5      | 14     |
| 171937              | 20500  | 1045   | A-550               | 5      | 16     |
| 171938              | 35500  | 3847   | A-600               | 5      | 17     |
| 171939              | 110    | 170    | A-650               | 5      | 9      |
| 171940              | 65     | 193    | A-700               | 5      | 23     |
| 171941              | 4110   | 2537   | A-750               | 5      | 52     |
| 171942              | 105    | 310    | A-800               | 5      | 16     |
| 171943              | 50     | 219    | B-000               | 5      | 72     |
| 171944              | 85     | 578    | B-050               | 5      | 11     |
| 171945              | 370    | 802    | B-100               | 5      | 6      |
| 171946              | 780    | 1300   | B-150               | 5      | 45     |
| 171947              | 55     | 399    | B-200               | 5      | 112    |
| 171948              | 60     | 182    | B-250               | 5      | 15     |
| 171949              | 15     | 139    | B-300               | 5      | 34     |
| 171950              | 10     | 142    | B-350               | 5      | 10     |
| 171951              | 105    | 1218   | B-400               | 5      | 5      |
| 171952              | 65     | 327    | B-450               | 5      | 30     |
| 171953              | 130    | 296    | B-500               | 5      | 2      |
| 171954              | 5      | 206    | B-550               | 5      | 12     |
| 171955              | 735    | 1354   | B-600               | 5      | 22     |
| 171956              | 20     | 260    | B-650               | 5      | 12     |
| 171957              | 5      | 123    | B-700               | 5      | 20     |
| 171958              | 5      | 30     | B-750               | 5      | 17     |
| 171959              | 5      | 97     | B-800               | 5      | 15     |
| 171960              | 5      | 2      | B-850               | 5      | 14     |
| 171961              | 15     | 21     | B-900               | 5      | 8      |
| 171962              | 5      | 3      | C-000               | 5      | 9      |
| 171963              | 5      | 4      | C-010               | 5      | 11     |
| 171964              | 5      | 16     | C-045               | 5      | 7      |
| 171965              | 15     | 7      | C-065               | 5      | 6      |
| 171966              | 5      | 51     | C-100               | 5      | 8      |
| 171967              | 5      | 10     | C-125               | 5      | 7      |
| 171968              | 5      | 3      | C-150               | 5      | 8      |
| 171969              | 325    | 2455   | D-000               | 20     | 29     |
| 171970              | 5      | 16     | E-1                 | 5      | 2      |
| 171971              | 5      | 7      | E-2                 | 5      | 3      |
| 171972              | 5      | 13     |                     |        |        |

| SILT SAMPLE RESULTS |        |        |
|---------------------|--------|--------|
| Sample Number       | Au ppb | As ppm |
| CL-1                | 5      | 48     |
| CL-2                | 5      | 43     |
| CL-3                | 40     | 91     |
| CL-4                | 115    | 55     |
| CL-5                | 5      | 55     |
| CL-6                | 10     | 62     |

**LEGEND**

- elevation contour interval, (500 feet)
- stream, creek
- 4-wheel drive road
- winter road
- International Boundary
- claim group boundary
- camp location

- magnetic depression
- quartz vein
- quartz vein (approx.)
- quartz float
- fault, (location approx.)

**GEOLOGY**

- Kr Rhyolite Dyke
- Ka Andesite
- Kdi Diorite
- Kgd Granodiorite

**ROCK SAMPLE RESULTS**

| Sample Number | Au oz/ton | As ppm | Pb ppm | Sb ppm |
|---------------|-----------|--------|--------|--------|
| 81483         | 0.001     | 46     | 145    | 5      |
| 81484         | <0.001    | 319    | 68     | 10     |
| 81485         | <0.001    | 43     | 44     | <      |
| 81486         | <0.001    | 125    | 27     | 6      |
| 81487         | 0.297     | 1.3%   | 421    | 30     |
| 81488         | 1.259     | 7565   | 3190   | 1841   |
| 81489         | 0.898     | 4192   | 2547   | 1165   |
| 81490         | 0.080     | 2729   | 17273  | 3631   |
| 81491         | 0.233     | 1042   | 4101   | 554    |

**Sikanni Oilfield Construction Ltd.**

**CLAYMORE PROPERTY  
COMPILATION MAP**

Graham Davidson, Consulting Geologist

SCALE: 1 : 15,000      DATE: Nov. 1, 1995  
 NTS: 115 N/2, K/15      DRAWN:      FIGURE 5

0933747