MAP NO.: 115 N 15

**ASSESSMENT REPORT** X

**PROSPECTUS**

**CONFIDENTIAL** X

**OPEN FILE**

**DOCUMENT NO:** 093094

**MINING DISTRICT:** Dawson

**TYPE OF WORK:** Auger Sampling

**REPORT FILED UNDER:** Tombstone Explorations Co. Ltd.

**DATE PERFORMED:** June 23 - July 1, 1992

**DATE FILED:** April 7, 1993

**LOCATION:** **LAT.:** 63°55'N

**LONG.:** 140°35'W

**AREA:** Sixtymile River

**VALUE $:** 17,773.50

**CLAIM NAME & NO.:** Bozo 1 - 12 YB04061 - YB04072, Pra 45 - 57 YA89118 - YA89130, Pra 58 YA89131, Pra 60 YA89133, Pra 62 YA89135, Pra 64 YA89137, Pra 66 YA89139, Pra 68 YA89141, Pra 59 YA89132, Pra 61 YA89134, Pra 63 YA89136, Pra 65 YA89138, Pra 67 YA89140, Har 1 - 6 YA89559 - YA89564 Har 33 - 46 YA89592 - YA89604, Har 63 YA89621, Har 65 YA89623, Har 67 YA89625.

**WORK DONE BY:** Gregory Smith, B.Sc.

**WORK DONE FOR:** Tombstone Explorations Co. Ltd.

**DATE TO GOOD STANDING:**

| | |
|---|---|
| | |
| | |
| | |

**REMARKS:** # 115 N - Sixtymile River Area
The property hosts three kinds of mineralization: a) gold bearing skarns, b) veins c) porphyry style copper-gold . The porphyry style mineralization has the most potential at this time. A truck mounted auger drill was utilized to drill a total of 357 ft. in 36 holes. The holes ranged in depth from 3 to 27 ft and ended in the regolith-bedrock contact. The bedrock was altered quartz monzonite. The work was completed on two grids with holes drilled at 50 m. intervals along 50 - 100 m spaced grid lines. The results returned anomalous Cu mineralization (up to 1383 ppm highest value) and low grade Au mineralization (up to 40 ppb). More detailed work is proposed when funds permit.

# 1992 ASSESSMENT REPORT
# ON THE SIXTYMILE PROPERTY

Dawson Mining District, Yukon

**Location:**
1. 60 km southwest of Dawson, Yukon
2. NTS Sheet 115 N/15
3. Latitude 63° 55' N
   Longitude 140° 35' W

**For:**
**Tombstone Explorations Co. Ltd.**
212-409 Granville Street
Vancouver, British Columbia
V6C 1T2

**By:**
Gregory F. Smith, B.Sc.
**Aurum Geological Consultants Inc.**
412-675 West Hastings Street
Vancouver, British Columbia
V6B 1N2

093094



March 19, 1993

This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 17,273.50 .

Robert Dekluk

for Regional Manager, Exploration and Geological Services for Commissioner of Yukon Territory.

## SUMMARY

Tombstone Explorations Co. Ltd.'s Sixtymile Property consists of 59 contiguous mineral claims in the Dawson Mining District, Yukon. It is accessible by road from Dawson. The ground became an attractive exploration target in the 1980's when potential for gold-bearing skarns, veins and porphyries was recognized.

The property is underlain by Precambrian to Paleozoic gneiss, schist, quartzite, and marble. Cretaceous granitoid rocks intrude the metasediments. Exposure is poor over the entire property.

Exploration carried out to date has identified nine silver-lead vein-type occurrences, three variably mineralized skarns, and one porphyry-style copper-molybdenum zone. All of the zones contain variable gold values. The porphyry and skarn zones are considered to have the most potential for significant grade and tonnage.

Porphyry-style copper-gold mineralization is hosted by quartz monzonite at the center of the property, and is potentially the most substantial exploration target. The intrusive exhibits potassic and argillic alteration and contains disseminated grains and veinlets of chalcopyrite and molybdenite. Diamond drill core samples have analyzed up to 888 ppm copper and 720 ppb gold over 1.5 meters. A one by two kilometer copper soil anomaly coincides with the altered granitoid rocks.

The previous soil anomalies in this area were contoured at 100 ppm copper. Auger sampling in 1992 produced copper results consistently higher than those in previous sampling. The Trench #5 Grid returned the most significant results of the program. The 23 samples collected on this grid averaged 419 ppm copper. Samples of oxidized and weathered granitic bedrock ranged up to 1383 ppm Cu.

Based on these results, a two-stage success-contingent exploration program consisting of geological mapping, geochemical sampling, geophysical surveying, trenching, and diamond drilling is warranted and recommended.

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## INTRODUCTION

This report was prepared at the request of Mr. Simon Ridgway, President of Tombstone Explorations Co. Ltd. Its purpose is to summarize the 1992 exploration program and to satisfy assessment requirements. The property is located 60 kilometers southwest of Dawson, Yukon and is accessible by road.

Silver bearing veins were discovered on ground now covered by the Sixtymile Property in the early 1900's. Previous exploration has identified nine silver-lead vein-type occurrences, three variably mineralized skarns, and one porphyry-style copper-molybdenum zone. Mineral exploration work completed since 1987 consisted of road construction and rehabilitation, trenching, soil, silt and rock geochemical sampling, geophysical surveying, geological mapping, and diamond drilling.

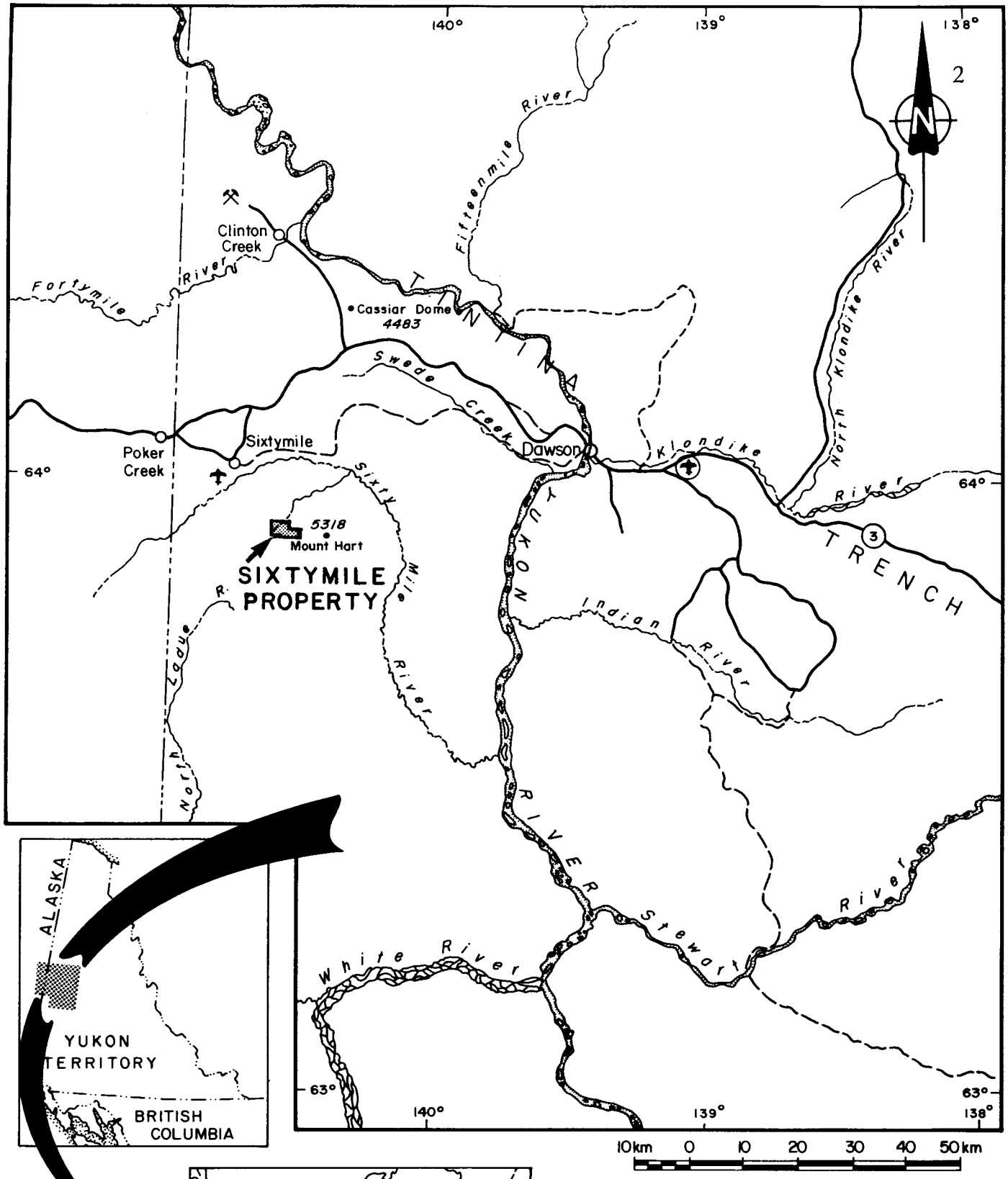
The 1992 exploration program consisted of auger sampling utilizing a five-ton track-mounted auger on hire from Dawson City, Yukon. The work was carried out between June 23 and July 1, 1992 and supervised by Gregory Smith, B.Sc. of Aurum Geological Consultants Inc.

## LOCATION AND ACCESS

The Sixtymile Property is located in west-central Yukon, about 60 km southwest of Dawson (Figure 1). The property is on the divide separating Sixtymile River from Fifty Mile Creek within the Dawson Range. It is centered at geographic coordinates 63° 55' North and 140° 35' West.

Access to the Sixtymile River area is gained using the Top of the World Highway, an all weather gravel road, leading west from Dawson City. The highway connects to similar quality roads servicing active placer gold mining operations. The Sixtymile area is approximately 100 km by road from Dawson. A four wheel drive trail crosses the Sixtymile River and continues for an additional 18 km to the property. "Cat" trails traverse the property in several areas.

Alternatively, helicopters are available for charter at Dawson, with a one-way flight time of about 25 minutes.




| TOMBSTONE EXPLORATIONS CO. LTD. | | | |
|---|---|---|---|
| SIXTYMILE PROPERTY | | | |
| MS LOCATION MAP | | | |
| *Aurum Geological Consultants Inc.* | | | March, 1993 |
| | DRAWN BY N.H | SCALE 1:1,000,000 | FIGURE : 1 |

## HISTORY

Placer gold was first discovered in the Sixtymile River area in 1892 by miners who crossed the divide from the Fortymile goldfields in Alaska (Cockfield, 1921). Recorded production for the periods 1892 to 1917 and 1978 to 1984 total 177,038 ounces gold (Cockfield, 1921, and Debicki and Gilbert, 1986). Records are not available for the period 1918 to 1977 however sporadic production did continue. The majority of placer gold production has come from the Sixtymile River valley, and its northern tributaries.

Vein-type silver mineralization was first discovered on ground now covered by the Sixtymile Property in the early 1900's by placer miners searching for the source of the placer gold. Extensive bulldozer trenching was carried out between 1964 and 1966 by local prospectors, Tottrup and Associates Ltd., and Cannex Exploration Company (Marshall, 1965 and Cholach, 1969a). In 1966, a 19.6 ton hand sorted shipment of mineralized vein material made to the Cominco smelter in Trail, B.C returned 67 opt silver, 0.06 opt gold, 67.3% lead, 0.5% arsenic, and 0.6% antimony.

Connaught Mines Ltd., Archer, Cathro and Associates Ltd., and Moly-Ore Mines Ltd. further evaluated the veins using soil and sediment geochemistry, bulldozer trenching, and 432 meters of diamond drilling in 1968 to 1970 (Cholach, 1969a). The potential for gold mineralization was not addressed.

Walhala Explorations Ltd. of Whitehorse staked the ground in 1987. A joint venture between Croesus Resources Inc., Red Fox Minerals Ltd., and Kelan Resources Inc. optioned the ground from Walhala in 1987, and carried out a two year program of geological mapping, geochemical sampling, geophysical surveying (magnetics and VLF-EM), road building, and diamond drilling (Keyser, 1988 and Price, 1987, 1988a, 1988b, 1989). Croesus failed to complete the terms of their option and the ground was returned to Walhala early in 1989. Tombstone Exploration Co. Ltd. purchased the ground from Walhala in 1990 and carried out a small program of geological mapping, geochemical sampling, and road building in that year. Tombstone's 1992 exploration is described in this report.

## PROPERTY

The Sixtymile Property consists of 59 contiguous unsurveyed mineral claims (Figure 2) covering approximately 1225 hectares (3060 acres). The claims are held in accordance with the Yukon Quartz Mining Act in the Dawson Mining District. Claim data are as follows:

| Claim Name | Grant No.'s | Expiry Date* |
|---|---|---|
| Bozo 1-12 | YB04061-072 | Sept 10, 1995 |
| Pra 45-57 | YA89118-130 | July 17, 1995 |
| Pra 58,60,62,64,66,68 | YA89131,133,135,137,139,141 | Dec. 31, 1995 |
| Pra 59,61,63,65,67 | YA89132,134,136,138,140 | July 17, 1995 |
| Har 1-6 | YA89559-564 | Dec. 31, 1995 |
| Har 33-46 | YA89592-604 | Dec. 31, 1995 |
| Har 63 | YA89621 | Dec. 31, 1995 |
| Har 65 | YA89623 | Dec. 31, 1995 |
| Har 67 | YA89625 | Dec. 31, 1995 |

* Subject to acceptance of 1992 assessment work.

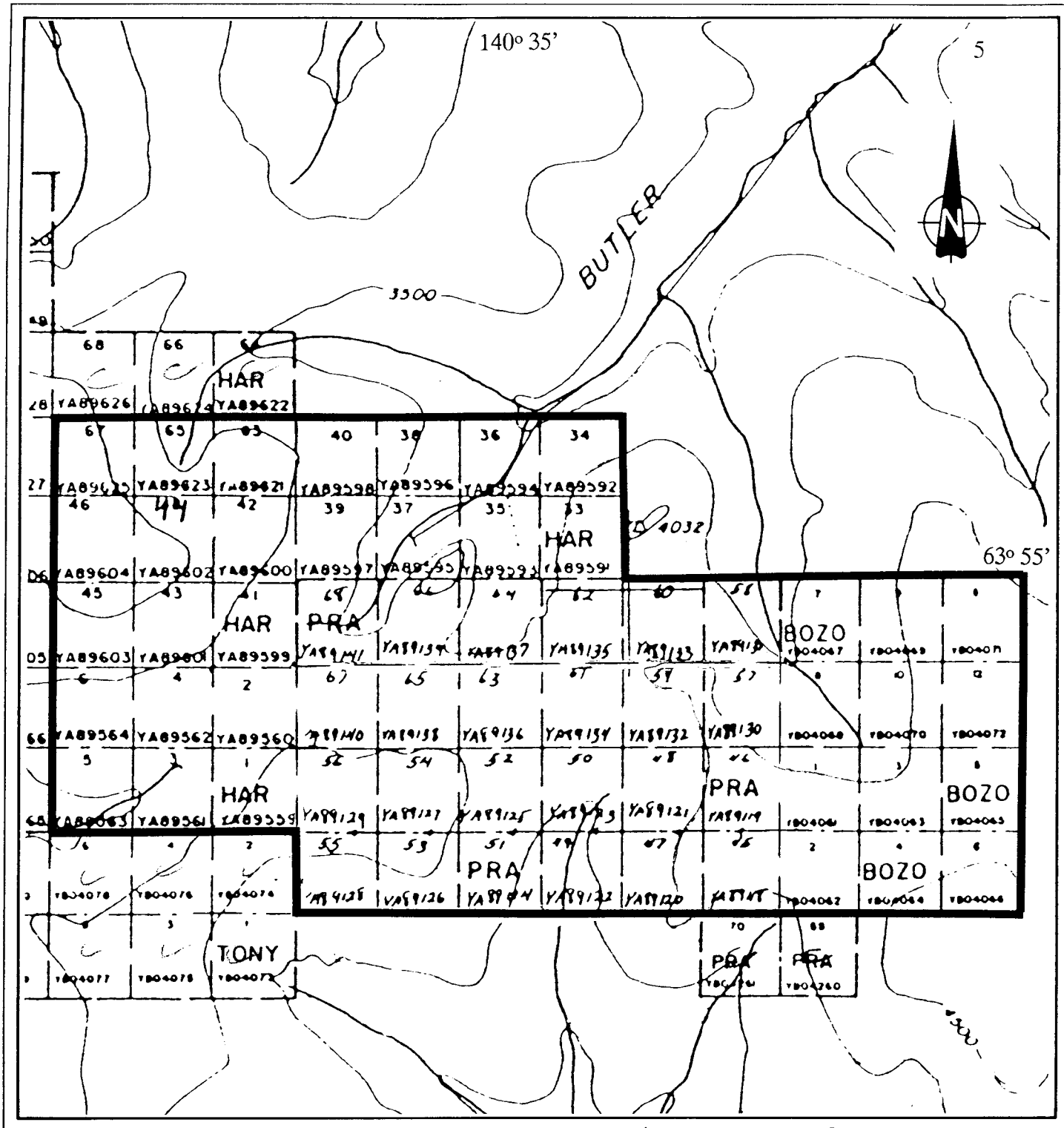
The claims are owned 100% by Tombstone Explorations Co. Ltd., subject to a 2.5% Net Smelter Return interest for Walhala Exploration Ltd. They are shown on Yukon Quartz Sheet 115-N-15 and are known collectively as the Sixtymile Property.

## CLIMATE, TOPOGRAPHY, AND VEGETATION

The climate in the area of the Sixtymile Property is variable with hot summers and long cold winters. Precipitation is light, averaging about 40 cm (15.7 inches) annually (Green, 1972). Most of the precipitation occurs as snow, during the winter months. Eaton and Main (1986) report that climate in the Dawson Range area is suitable for seasonal heap leach mining.

The northern part of the Dawson Range is unglaciated, and characterized by moderate topography with well-developed dendritic drainage systems separated by broad grass-covered ridges. Elevations on the property range from 900 meters (3000 feet) in Butler Gulch valley to 1350 meters (4500 feet).

Vegetation is characterized by sparse stunted spruce, balsam, birch, and poplar below about 1100 m, with alpine grasses, felsenmeer, and tundra above. Sufficient water sources are available for any exploration or mining requirement.




## LEGEND

- claim boundary
- claim number
- tag number
- staking direction
- creek
- 3500 elevation contour; interval 500 ft.
- 4WD trail

Note: adapted from D.I.A.N.D. map sheet

| TOMBSTONE EXPLORATIONS CO. LTD. | | | |
|---|---|---|---|
| SIXTYMILE PROPERTY<br>Dawson Mining District, Yukon | | | |
| CLAIM MAP | | | |
| *Aurum Geological Consultants Inc.* | | | March, 1993 |
| NTS 115N/15 | Drawn by GS | Scale 1:31,680 | Figure 2 |

# GEOLOGY

## Regional Geology

The Sixtymile Property is situated within the Yukon Cataclastic Complex in the northern part of the Omineca Tectonic Belt (Figure 3). Regional geology has been mapped by Cockfield (1921), Green (1972), Mortensen (1988), and Tempelman-Kluit (1974).

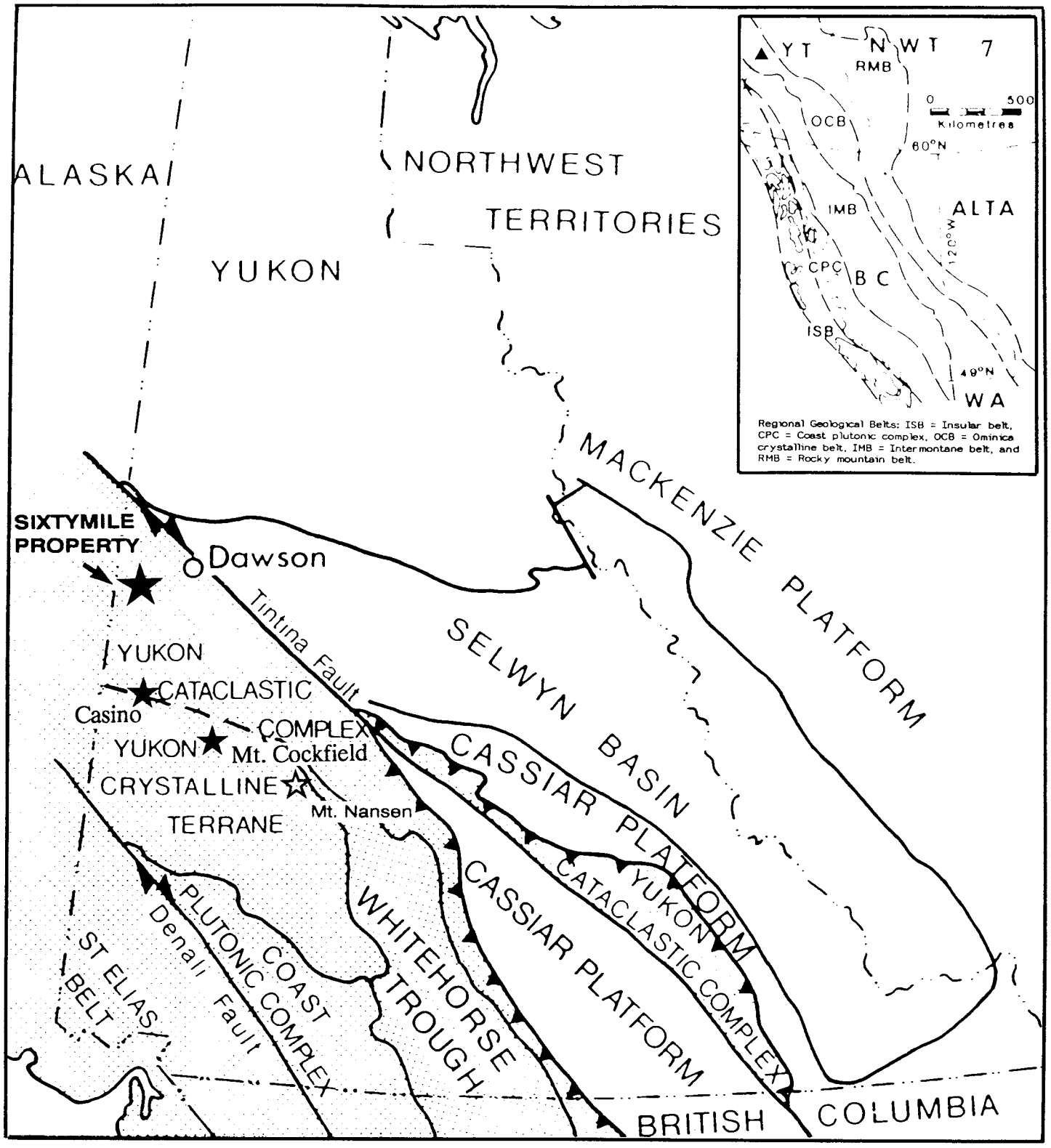
The oldest rocks exposed in the Sixtymile River area are accreted upper Proterozoic to lower Paleozoic Pelly Gneiss, Klondike Schist, and Nasina Quartzite (Tempelman-Kluit, 1974 and Glasmacher, 1984).

The metamorphic rocks are locally intruded by Mesozoic granitoid rocks. Quartz monzonite and minor granodiorite stocks intrude the metamorphic basement rocks on and adjacent to the Sixtymile Property.

Cretaceous (Lowey et al., 1986) or younger andesitic volcanics, quartz-feldspar porphyries, and diorite plugs are exposed near Miller Creek eight km to the north and at Mt. Hart six km to the east of the property (Green, 1972 and Tempelman-Kluit, 1974). These rocks are related, in part, to the Carmacks Group.

Brecciated porphyries related to similar Cretaceous igneous rocks in the Mt. Nansen area, about 270 km to the southeast, host several classic (Sutherland Brown, 1976) porphyry copper occurrences. These include the Casino, Mt. Cockfield, Cash, Yukon Revenue, and Mount Nansen occurrences. Each occurrence contains disseminated chalcopyrite and molybdenite within hypabyssal parts of the Late Cretaceous to Triassic Mt. Nansen Group. Low-grade large-tonnage gold deposits are found in leached caps overlying some of the porphyry copper deposits (Eaton and Main, 1986 and Carlson, 1987).

Regional structure is highly influenced by the Tintina Fault, a steeply-dipping northwest-trending dextral fault located 50 kilometers northeast of the Sixtymile Property. This fault is thought to be age-equivalent to the Carmacks Group and forms the boundary between the Selwyn Basin to the northeast and the Yukon Cataclastic Complex to the southwest.




TOMBSTONE EXPLORATIONS CO. LTD.

SIXTYMILE PROPERTY
Dawson Mining District, Yukon

# GEOLOGICAL TERRANE MAP

| | | | |
|---|---|---|---|
| *Aurum Geological Consultants Inc.* | | | March, 1993 |
| NTS 115N/15 | Drawn by GS | Scale 1:5,000,000 | Figure 3 |

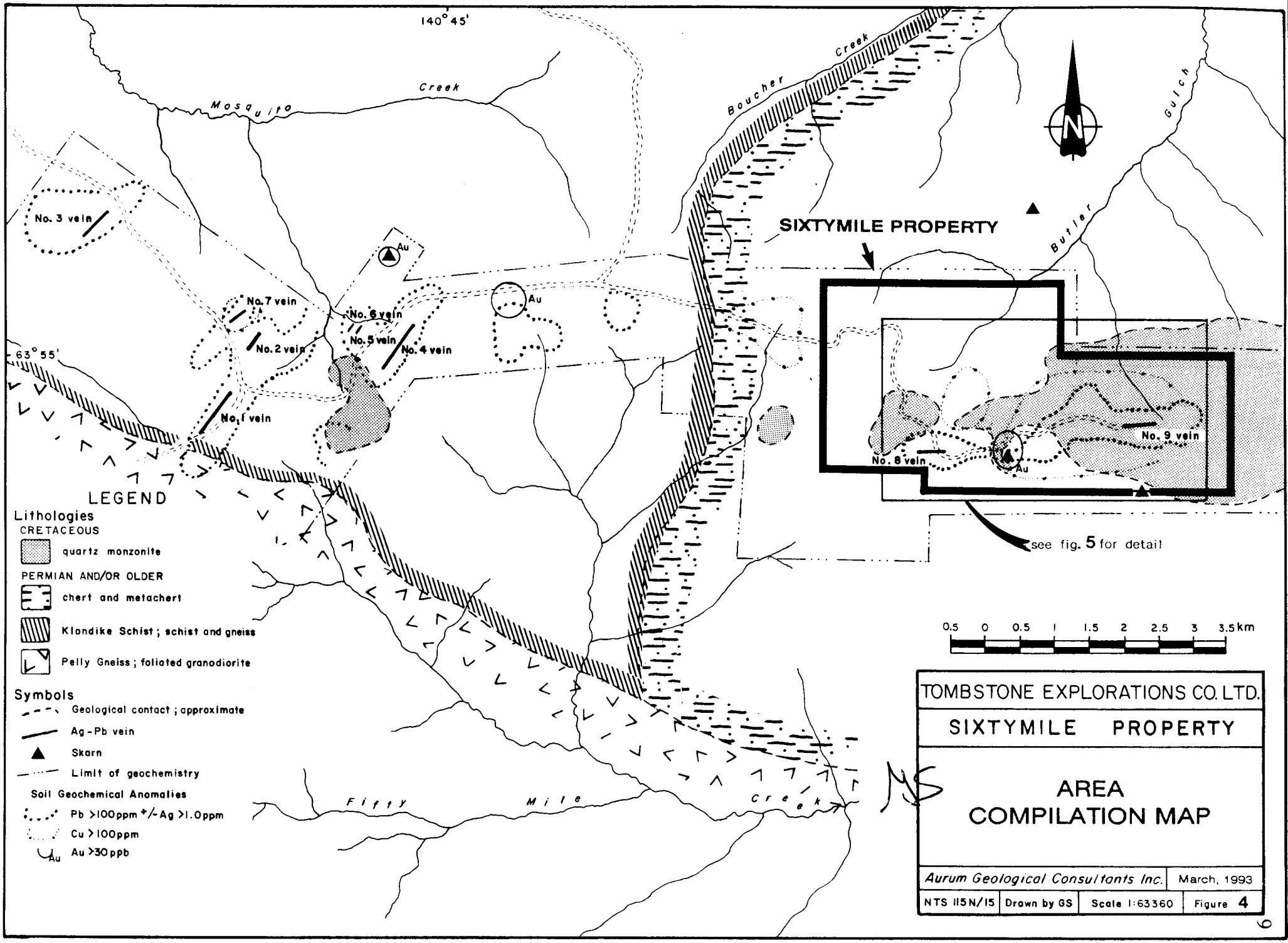
**Geology of the Sixtymile Property**

Highly metamorphosed quartz-mica schist, quartz-biotite gneiss, marble, quartzite, and meta-chert, are the oldest lithology on the Sixtymile Property (Figure 3). Feldspar augens are common in the gneiss. These rocks belong to the Proterozoic to lower Paleozoic Pelly Gneiss, Klondike Schist, and Nasina Quartzite (Tempelman-Kluit 1974). Foliation trends northwest-southeast and dips moderately northeast.

Equigranular to subporphyritic quartz monzonite and minor granodiorite stocks intrude the metamorphic basement rocks and are the most commonly exposed lithology on the Property. These intrusive rocks occur over a broad area and their distribution as well as a large aeromagnetic anomaly suggests much of the intrusive remain buried below a shallow cover of metasediments. Tempelman-Kluit (1981) assigned these rocks to the Jurassic-Cretaceous Fiftymile Batholith. Hornblende and biotite are present in approximately equal amounts, and both typically exhibit variable chloritization.

Contact metamorphic effects have been noted at several locations on the property. These effects include hornfelsed schist and diopside-garnet-epidote skarns, one skarn contains massive magnetite mineralization.

Rock outcrops are scarce and weathered to depths exceeding 50 meters, typical of unglaciated terranes elsewhere in Yukon. Bedrock exposures are restricted to ridge crests, road cuts, and trenches underlain by resistive-weathering lithologies. Permafrost is present throughout the property.


140° 45'
Mosquito Creek
Boucher Creek
Gulch
Butler
SIXTYMILE PROPERTY
No. 3 vein
No. 7 vein
No. 6 vein
No. 5 vein
No. 2 vein
No. 4 vein
No. 1 vein
No. 8 vein
No. 9 vein
Au
63° 55'
see fig. 5 for detail
LEGEND
Lithologies
CRETACEOUS
quartz monzonite
PERMIAN AND/OR OLDER
chert and metachert
Klondike Schist; schist and gneiss
Pelly Gneiss; foliated granodiorite
Symbols
Geological contact; approximate
Ag-Pb vein
Skarn
Limit of geochemistry
Soil Geochemical Anomalies
Pb >100ppm +/- Ag >1.0ppm
Cu >100ppm
Au >30ppb
Fifty Mile Creek
0.5 0 0.5 1 1.5 2 2.5 3 3.5km
TOMBSTONE EXPLORATIONS CO. LTD.
SIXTYMILE PROPERTY
AREA COMPILATION MAP
Aurum Geological Consultants Inc.
March, 1993
NTS 115N/15
Drawn by GS
Scale 1:63360
Figure 4

## MINERALIZATION

Exploration carried out to date on the Sixtymile Property has identified three styles of mineralization; sulfide-bearing veins, variably metal-enriched skarns, and porphyry-style copper-molybdenum (Figure 5).

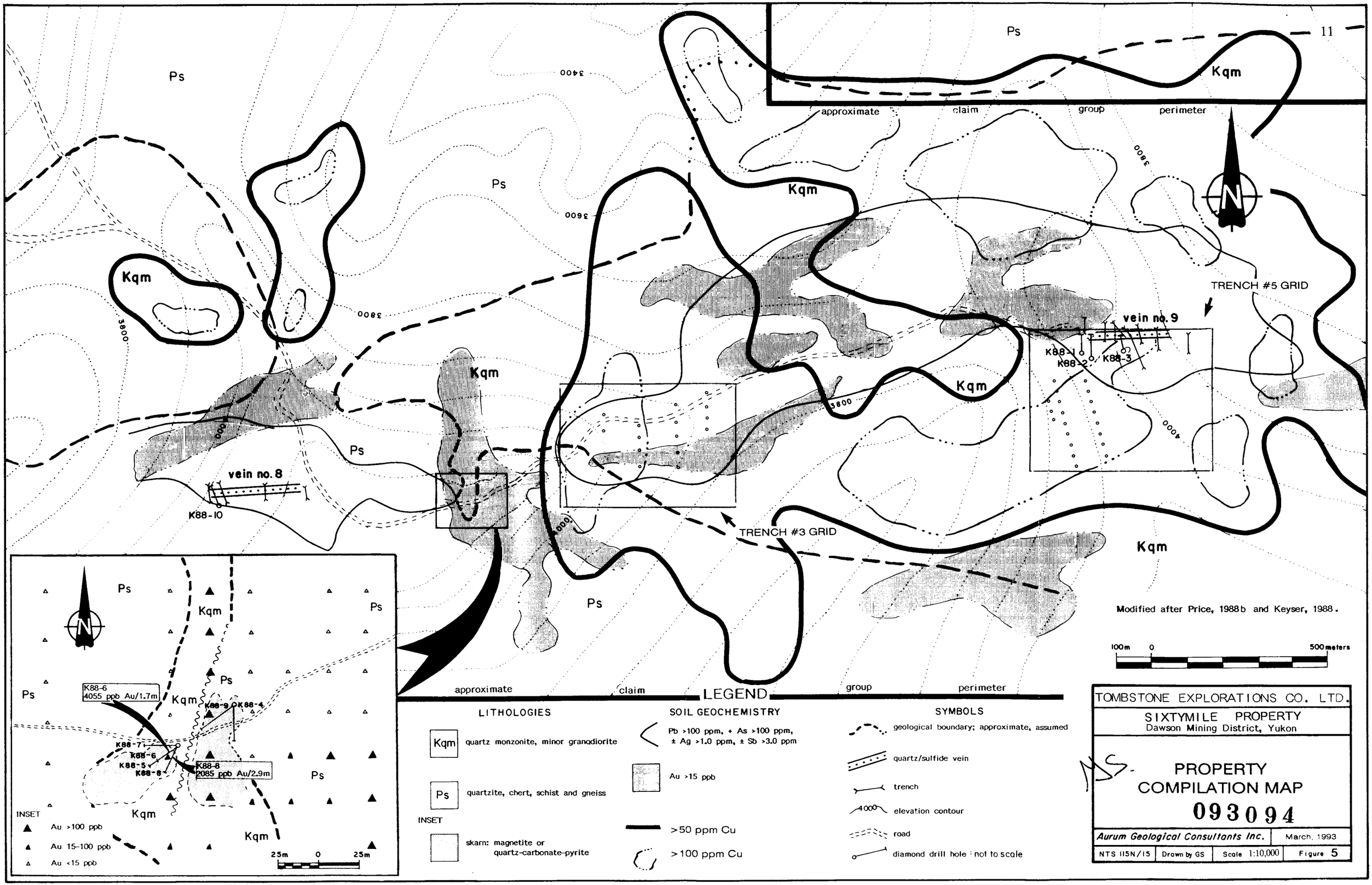
Nine mineralized silver-lead-arsenic vein-type structures have been discovered and exposed in the Sixtymile Property area. Two of these (No.'s 8 & 9) are within the Sixtymile Property. In 1988, three veins (No.'s 4, 8, and 9) were drill tested by Kelan Resources, Red Fox Minerals, and Croesus Resources. Skarn-type and porphyry-style mineralization was mapped and sampled in 1987, 1988 (Keyser, 1988 and Price, 1988b), and 1990 (Keyser, 1990).

### Ag-Pb-As Veins

Two sulfide-bearing veins are exposed on the Sixtymile Property; the No. 8 and No. 9 veins. Both of these occurrences were discovered prior to the 1960's, Cholach (1969b). Both veins were drill tested in 1988. No significant vein-type mineralization was intersected in three shallow diamond drill holes completed on the No. 9 vein and one hole on the No. 8 vein (Price, 1988b). Core recoveries were extremely poor, especially in highly clay-altered sections believed to represent intersection of the vein structures.

The No. 8 vein has been exposed intermittently by trenching for a strike length of about 300 meters. The vein strikes 095°, dips to the south at about 80°, and averages 60 centimeters in width. Mineralogy consists of massive galena with minor quartz, arsenopyrite and stibnite in a clay altered and silicified gneiss host. Samples of selected galena collected in 1987 assayed up to 2.13 g/t gold, 5,180 g/t silver, 79% lead, and 5.4% arsenic (Keyser, 1988).

The No. 9 vein is composed of galena, stibnite, and tetrahedrite in a gangue of calcite, barite, and minor quartz and clay. The vein is hosted by quartz monzonite and strikes 080° with a near-vertical dip. It has been traced by trenching for 350 meters. Soil anomalies continue to the east and west further than the known vein. Chip sampling in 1969 (Cholach 1969a) returned assays up to 4.1 g/t gold, 5,697 g/t silver, and 52.5% lead over 1.2 meters.




TOMBSTONE EXPLORATIONS CO. LTD.

SIXTYMILE PROPERTY
Dawson Mining District, Yukon

# PROPERTY COMPILATION MAP

# 093094

| | | | |
|---|---|---|---|
| *Aurum Geological Consultants Inc.* | | | March, 1993 |
| NTS 115N/15 | Drawn by GS | Scale 1:10,000 | Figure 5 |

**Skarn Mineralization**

At least three variably mineralized quartz-carbonate-diopside skarns have been mapped on or adjacent to the Sixtymile Property. Soil sampling over the skarns has returned anomalous levels of gold, however only one skarn has received any significant exploration to date. This skarn zone is centrally located with respect to the Property boundaries, between the No. 8 and No. 9 veins. Both veins and their associated multi-element soil anomalies trend toward the skarn.

Mineralogy of the explored skarn differs from those others mapped in that it contains localized concentrations of coarse to medium grained magnetite, pyrite, garnet, and epidote. Wallrock is marble and quartz monzonite. Limits of the skarn have not been determined and mineralization is open in all directions.

Soil samples collected over the skarn mineralization have returned up to 9,090 ppb gold (Keyser, 1988). No surface rock samples contained elevated gold values. Six diamond drill holes tested the skarn mineralization in 1988. The two best intersections are 2,085 ppb gold across 2.9 meters in hole K88-8, and Hole K88-6 with 4,055 ppb gold across 1.7 meters (Price, 1988b). The skarn also contains elevated levels of copper, lead, zinc, silver, arsenic, antimony, manganese, cadmium, and bismuth.

**Porphyry Mineralization**

Variably-altered Cretaceous granitic intrusive is the most abundant lithology underlying the Sixtymile Property. Quartz monzonite, granite, and minor granodiorite have been mapped and all phase exhibit variable potassic, phyllic, and argillic alteration. This unglaciated area has very little exposure and bedrock is deeply weathered.

Soil geochemistry completed in the 1960's and in 1987 has produced multi-element anomalies coincident with the intrusive body. The anomaly covers a one by two kilometer area and contains elevated values of copper, gold, silver, and molybdenum.

Several areas of copper in soil greater than 100 ppm were identified by work completed in the 1960's. At least seven of these area were tested by shallow bulldozer trenches at that time, however the trenches failed to expose bedrock. Soil samples collected from the bottom of the trenches returned anomalous levels of copper and molybdenum greater than those from surface.

Most exploration within the intrusive prior to 1992 has been directed toward the No. 9 vein. Three diamond drill holes and extensive trenching in 1988 encountered potassic, phyllic, and argillic alteration within the intrusive in this area. Chalcopyrite, malachite and molybdenite are disseminated within the intrusive and also occur as irregular mm- to cm-scale veinlets. Drill results ranged up to 888 ppm Cu, 789 ppm Mo, and 720 ppb Au across 1.5 meters (Price, 1988b).

The 1992 exploration program focused on two of the copper in soil anomalies produced in the 1960's. A track mounted auger drill was utilized to obtain samples believed to better represent underlying bedrock. Results of this work are discussed under 'Geochemistry'.

# GEOCHEMISTRY

## Previous Results

Previous exploration on and adjacent to the Sixtymile Property has collected in excess of 14,000 silt, soil and rock geochemical samples (Cholach, 1969a; Price, 1988b; and Keyser, 1988 & 1990). These samples were analyzed for various combinations of gold, copper, lead, molybdenum, and arsenic. Several multi-element soil anomalies have been located and are shown in Figure 4.

All known silver-lead bearing veins produced strong anomalies in lead, silver, and arsenic, with variable zinc and antimony. Gold-bearing skarns produce distinctive soil anomalies with extremely anomalous levels of gold and elevated molybdenum, copper and zinc. In addition, multi-element and single element anomalies are present where no bedrock mineralization is exposed. Altered quartz monzonite hosting gold-copper-molybdenum mineralization is overlain by soil carrying varyingly anomalous levels of all three elements.

A one by two kilometer >50 ppm copper in soil anomaly (Figure 5) is coincident with the intrusive body underlying the Property. At least seven areas of greater than 100 ppm Cu, within the broad anomaly, were tested by shallow bulldozer trenches in the 1960's. Soil samples collected from the bottom of these trenches returned higher levels of copper than at surface. The 1992 work was directed toward two of these trenched areas. A track mounted auger drill was utilized to obtain samples believed to better represent underlying bedrock.

## 1992 Results

The 1992 auger sampling program totalled 357 feet in 36 holes. The holes ended at the regolith-bedrock contact at depths ranging from 3 to 27 feet, Table 1. Samples were collected from the bottom of each hole, with random samples mid-way down selected holes.

A total of 40 samples were collected and analyzed for copper and 29 other elements by ICP and a 10 gram fire assay for gold. The sampled material appeared

# Table 1; 1992 Geochemistry

TOMBSTONE EXPLORATIONS CO. LTD.
Sixtymile Property

1992 Auger-Deep Overburden Drilling Results

Trench #3 Grid

| Sample Number | Depth (ft) | Cu (ppm) | Au (ppb) | Mo (ppm) | Ag (ppm) |
|---|---|---|---|---|---|
| 1492701 | 7 | 147 | 10 | 15 | 0.3 |
| 1492702 | 6 | 161 | 8 | 7 | 0.1 |
| 1492703 | 7 | 91 | 12 | 9 | 0.1 |
| 1492704 | 7 | 117 | 10 | 9 | 0.1 |
| 1492705 | 5 | 64 | 6 | 5 | 0.1 |
| 1492706 | 11 | 50 | 8 | 6 | 7.6 |
| 1492707 | 4 | 65 | 11 | 7 | 0.2 |
| 1492708 | 7 | 86 | 6 | 18 | 0.5 |
| 1492709 | 4 | 97 | 5 | 5 | 0.1 |
| 1492710 | 4 | 140 | 13 | 18 | 2.2 |
| 1492711 | 4 | 63 | 5 | 5 | 0.5 |
| 1492712 | 9 | 125 | 10 | 14 | 0.3 |
| 1492713A | 10 | 73 | 5 | 4 | 0.2 |
| 1492713B | 21 | 64 | 5 | 6 | 0.3 |
| 1492735A | 3 | 235 | 32 | 12 | 1.4 |
| 1492735B | 3 | 500 | 40 | 36 | 1.1 |
| 1492736 | 3 | 52 | 20 | 5 | 2.8 |
| Max | 21 | 500 | 40 | 36 | 7.6 |
| Min | 3 | 50 | 5 | 4 | 0.1 |
| Avg | 7 | 125 | 12 | 11 | 1.1 |
| Std | 4 | 108 | 10 | 8 | 1.9 |

Trench #5 Grid

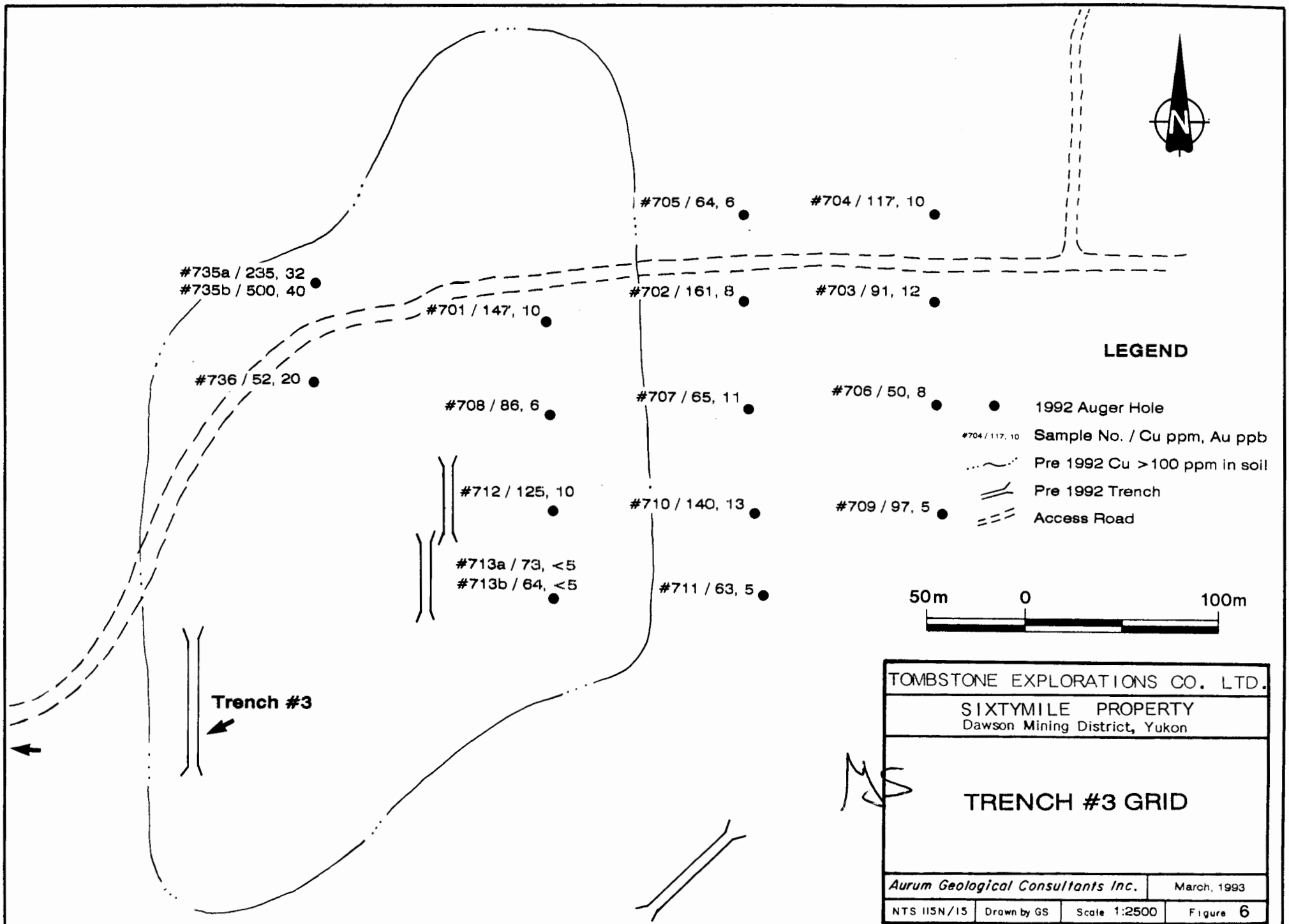
| Sample Number | Depth (ft) | Cu (ppm) | Au (ppb) | Mo (ppm) | Ag (ppm) |
|---|---|---|---|---|---|
| 1492714 | 17 | 30 | 5 | 14 | 0.2 |
| 1492715 | 14 | 376 | 5 | 69 | 0.1 |
| 1492716 | 12 | 709 | 5 | 55 | 0.8 |
| 1492717 | 5 | 659 | 5 | 20 | 0.3 |
| 1492718 | 8 | 321 | 5 | 25 | 0.2 |
| 1492719 | 19 | 197 | 5 | 7 | 0.3 |
| 1492720A | 10 | 371 | 8 | 20 | 1.6 |
| 1492720B | 22 | 515 | 10 | 18 | 1.8 |
| 1492721 | 11 | 605 | 6 | 79 | 1.0 |
| 1492722 | 8 | 275 | 6 | 28 | 0.6 |
| 1492723 | 9 | 1383 | 7 | 20 | 2.6 |
| 1492724 | 6 | 163 | 15 | 16 | 0.5 |
| 1492725 | 10 | 706 | 7 | 24 | 0.7 |
| 1492726 | 6 | 344 | 8 | 49 | 2.9 |
| 1492727 | 6 | 285 | 11 | 15 | 0.2 |
| 1492728A | 12 | 327 | 14 | 19 | 0.3 |
| 1492728B | 22 | 281 | 12 | 20 | 0.2 |
| 1492729 | 8 | 567 | 9 | 25 | 0.4 |
| 1492730 | 7 | 385 | 5 | 30 | 0.6 |
| 1492731 | 7 | 158 | 5 | 7 | 0.2 |
| 1492732 | 21 | 144 | 11 | 127 | 0.2 |
| 1492733 | 27 | 366 | 5 | 45 | 0.2 |
| 1492734 | 7 | 471 | 26 | 108 | 1.5 |
| Max | 27 | 1383 | 26 | 127 | 2.9 |
| Min | 5 | 30 | 5 | 7 | 0.1 |
| Avg | 12 | 419 | 8 | 37 | 0.8 |
| Std | 6 | 280 | 5 | 32 | 0.8 |

red-brown to brown in color, sandy, and moist with a variable clay content and contained less than two percent rock fragments. Sampled material represents in-situ weathered granitic bedrock.

The holes were placed at 50 meter intervals along 50-100 meter spaced grid lines. Topography in the area of the 1992 sampling is relatively flat and the work was completed without the building of additional access roads. Holes were completed on two grids associated with pre-existing copper-in-soil anomalies and trenches, Trench #3 (Figure 6) and Trench #5 (Figure 7).

Twenty-three samples were collected from the Trench #5 Grid. These samples averaged 419 ppm Cu with a maximum of 1383 ppm Cu and only five returned less than 200 ppm Cu. The anomaly is 400 meters by 150 meters and is open in all directions. Gold values averaged 8 ppb Au with a maximum of 26 ppb Au. Molybdenum and silver values ranged up to 127 ppm and 2.9 ppm respectively.

A total of 17 samples was collected from the Trench #3 Grid. Analytical results returned up to 500 ppm Cu, 40 ppb Au, 36 ppm Mo, and 7.6 ppm Ag. Seven of the sample returned greater than 100 ppm Cu.

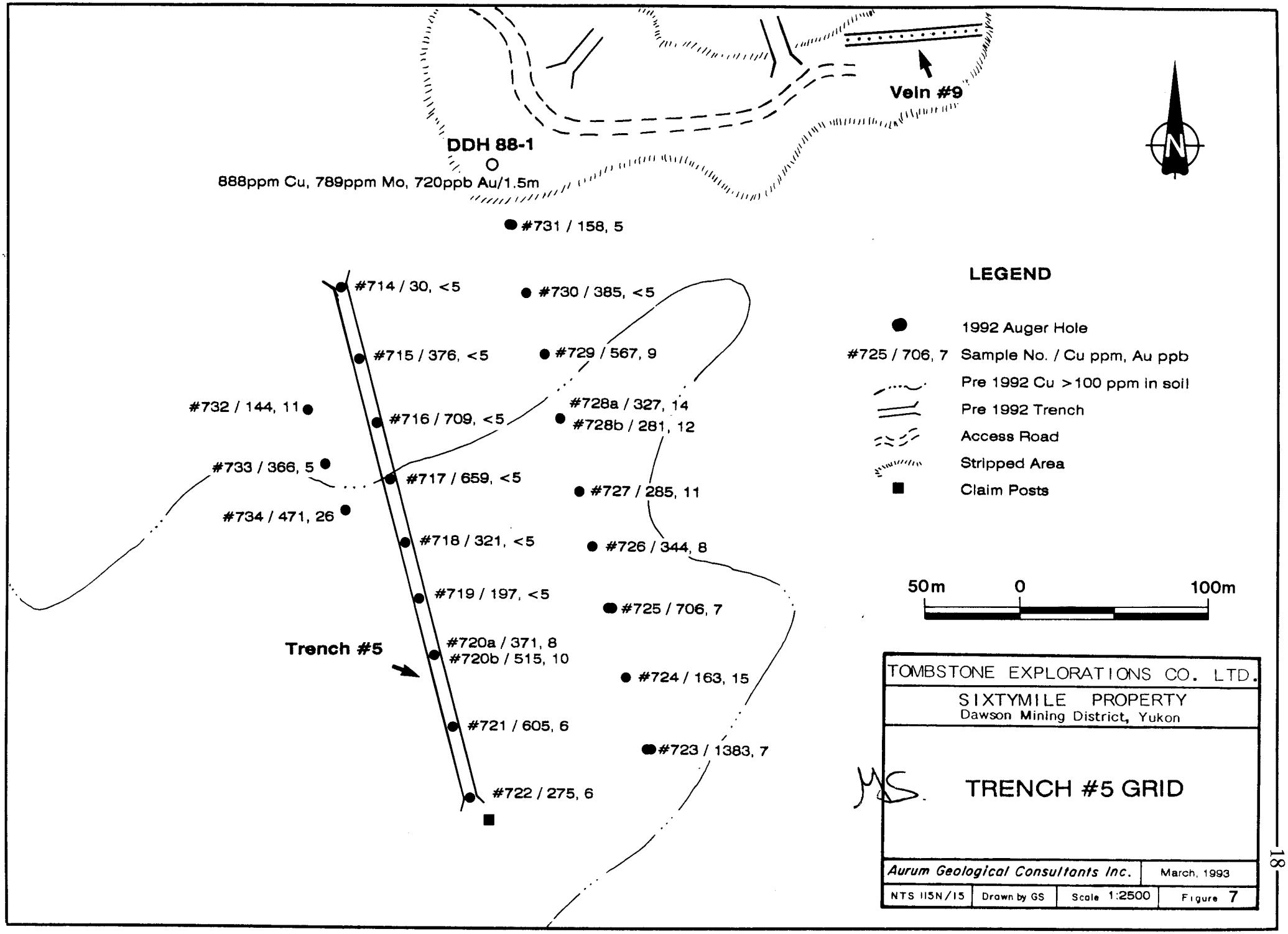



TOMBSTONE EXPLORATIONS CO. LTD.

SIXTYMILE PROPERTY
Dawson Mining District, Yukon

# TRENCH #3 GRID

| | | | |
|---|---|---|---|
| *Aurum Geological Consultants Inc.* | | | March, 1993 |
| NTS 115N/15 | Drawn by GS | Scale 1:2500 | Figure 6 |


Vein #9
DDH 88-1
888ppm Cu, 789ppm Mo, 720ppb Au/1.5m
#731 / 158, 5
#714 / 30, <5
#730 / 385, <5
#715 / 376, <5
#729 / 567, 9
#732 / 144, 11
#716 / 709, <5
#728a / 327, 14
#728b / 281, 12
#733 / 366, 5
#717 / 659, <5
#727 / 285, 11
#734 / 471, 26
#718 / 321, <5
#726 / 344, 8
#719 / 197, <5
#725 / 706, 7
Trench #5
#720a / 371, 8
#720b / 515, 10
#724 / 163, 15
#721 / 605, 6
#723 / 1383, 7
#722 / 275, 6
N
LEGEND
1992 Auger Hole
#725 / 706, 7 Sample No. / Cu ppm, Au ppb
Pre 1992 Cu >100 ppm in soil
Pre 1992 Trench
Access Road
Stripped Area
Claim Posts
50m
0
100m
TOMBSTONE EXPLORATIONS CO. LTD.
SIXTYMILE PROPERTY
Dawson Mining District, Yukon
TRENCH #5 GRID
Aurum Geological Consultants Inc.
March, 1993
NTS 115N/15
Drawn by GS
Scale 1:2500
Figure 7

## CONCLUSIONS AND RECOMMENDATIONS

The Sixtymile Property is underlain by schists, gneisses, quartzites, marbles, and other metasedimentary rocks of the Paleozoic to Proterozoic Klondike Schist, Pelly Gneiss, and Nasina Quartzite. These rocks have been intruded by granitoid rocks during the Mesozoic.

The property is a gold-silver-copper prospect. Three styles of mineralization have been identified: 1) silver-lead bearing veins that cross-cut multiple lithologies, 2) gold-bearing skarns associated with intrusive contacts, and 3) gold associated with porphyry-style copper-molybdenum mineralization in altered quartz monzonite.

Gold-bearing skarn mineralization, first identified in 1987, was tested by diamond drilling in 1988. Drill intersections from this program are up to 2.9 meters of 2.1 g/t gold hosted by an assemblage of quartz, carbonate, diopside, and magnetite. Soil anomalies to the north and east suggest additional gold-bearing bedrock skarn mineralization.

The 1988 diamond drilling directed at vein-type mineralization at the eastern part of the property encountered zones of potassic, argillic, and phyllic alteration in quartz monzonite. Disseminated and fracture controlled mineralization returned up to 888 ppm Cu, 789 ppm Mo, and 720 ppb gold across 1.5 meters. Lithologies, alteration, and mineralization present in this area reflects porphyry-style copper-gold mineralization.

The Property is covered by extensive regolith. A drill program utilizing a track-mounted auger drill was employed to penetrate and retrieve samples more reflective of the underlying bedrock. Results of the 1992 sampling ranged up to 1383 ppm Cu from decomposed granitic bedrock. Auger testing in the area of Trench #5 produced an anomalous area 400 meters by 150 meters with greater than 350 ppm Cu. Gold value were variable, ranging up to 40 ppb Au.

Additional work on the Sixtymile Property is warranted. The following two-stage result-contingent work program is recommended:

**Stage 1**

1. Due to the extensive overburden cover, auger-sample geochemistry is an effective exploration tool to evaluate the broad anomalous area. Areas with potential porphyry-type mineralization need to be sampled at 50 x 100 m.

2. Geophysical surveying (magnetics, electromagnetics, and induced polarization) over known and suspected metasediment/quartz monzonite contacts and porphyry-style targets is required.

3. Backhoe trenching should be carried out to further expose and explore the known mineral targets. Geological mapping, sampling, and surveying would accompany the trenching with special attention paid to mineralization, alteration, and structural and lithological control. Road access needs to be improved.

4. Geological mapping and prospecting needs to be carried out over the entire property.

**Stage 2** (Implemented if Stage 1 yields positive results)

1. Carry out a program of diamond drilling to test zones of mineralization at depth and/or along strike. Full-time geological supervision is required.

Respectfully submitted,

AURUM GEOLOGICAL CONSULTANTS INC.

March 19, 1993

**Gregory F. Smith**, B.Sc.

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## STATEMENT OF QUALIFICATIONS (GFS)

I, GREGORY F. SMITH, hereby certify that:

1. I am a geologist with AURUM GEOLOGICAL CONSULTANTS INC., with a business address of 205-100 Main Street, Whitehorse, Yukon.

2. I am a graduate of Saint Francis Xavier University with a degree in geology (B.Sc., 1987), and have been involved in geology and mineral exploration since 1984.

3. I have applied to the British Columbia Association of Professional Engineers and Geoscientist and expect to write entrance examinations in April of 1993.

4. I am a member of the Geological Association of Canada (Fellowship pending), a member of the Canadian Institute of Mining and Metallurgy, and a member of the British Columbia and Yukon Chamber of Mines.

5. I have no direct or indirect interest in the properties or securities of Tombstone Explorations Co. Ltd.

6. I am the co-author of this report on the *Sixtymile Property*, Dawson Mining District, Yukon, which is based on; my personal examination of the ground at various times between 1987 and 1992, my personal supervision of the 1992 work program, and referenced sources.

7. I consent to the use of this report by Tombstone Explorations Co. Ltd. for any purpose deemed necessary, provided that no portion may be used out of context in such a manner as to convey a meaning differing materially from that set out in the whole.

March 19, 1993

Gregory Smith, B.Sc.

## STATEMENT OF COSTS

1992 Assessment Work Valuation; Sixtymile Property (Pra, Har, & Bozo Claims)

**A. Professional Services**

| | | |
|---|---|---|
| G. Smith, B.Sc., of Vancouver, B.C.:<br>June 21-July 2, Aug. 28, 1992; 10.5 days @ $320.00/day | $3360.00 | |
| P. Scott, of Whitehorse, Yukon.:<br>August 28, 1992; 0.5 days @ $220.00/day | 110.00 | |
| **Subtotal** | | $3470.00 |

**B. Drilling Costs**

| | | |
|---|---|---|
| 357 feet @ $14.57/ft | $5200.00 | |
| Drill Mobe and Demobe | 1859.00 | |
| Camp supplies and Vehicle Expenses | 581.50 | |
| MBW Surveys (12 days @ $300.00/day) | 3600.00 | |
| Accommodation | 190.00 | |
| **Subtotal** | | $11,430.50 |

**C. Geochemical Analysis**

| | |
|---|---|
| 40 samples @ $19.75 ea: | $790.00 |

**D. Support Costs**

| | | |
|---|---|---|
| Truck Rental: | $750.00 | |
| Groceries: | 427.29 | |
| Field Supplies: | 440.73 | |
| Radio and phone charges: | 50.00 | |
| Goods and Service Tax (where applicable) | 414.98 | |
| **Subtotal** | | $2083.00 |

**Total Valuation of 1992 Assessment Work:** **$17,773.50**

# APPENDIX A

## Analytical Reports and Geochemistry

Northern Analytical Laboratories ltd.

10-Jul-92date | Assay Certificate | Page1

Aurum Geological | WO # 13610

| Sample # | Au ppb |
|---|---|
| 1492701 | 10 |
| 1492702 | 8 |
| 1492703 | 12 |
| 1492704 | 10 |
| 1492705 | 6 |
| 1492706 | 8 |
| 1492707 | 11 |
| 1492708 | 6 |
| 1492709 | 5 |
| 1492710 | 13 |
| 1492711 | 5 |
| 1492712 | 10 |
| 1492713A | <5 |
| 1492713B | <5 |
| 1492714 | <5 |
| 1492715 | <5 |
| 1492716 | <5 |
| 1492717 | <5 |
| 1492718 | <5 |
| 1492719 | <5 |
| 1492720A | 8 |
| 1492720B | 10 |
| 1492721 | 6 |
| 1492722 | 6 |
| 1492723 | 7 |
| 1492724 | 15 |
| 1492725 | 7 |
| 1492726 | 8 |
| 1492727 | 11 |
| 1492728A | 14 |
| 1492728B | 12 |
| 1492729 | 9 |
| 1492730 | <5 |
| 1492731 | 5 |
| 1492732 | 11 |
| 1492733 | 5 |
| 1492734 | 26 |
| 1492735A | 32 |

Certified by

105 Copper Road, Whitehorse, YT, Y1A 2Z7 Ph: (403) 668-4968 Fax: (403) 668-4890

Northern Analytical Laboratories ltd.

10-Jul-92date | Assay Certificate | Page2

Aurum Geological | WO # 1361C

| Sample # | Au ppb |
|---|---|
| 1492735B | 40 |
| 1492736 | 20 |

Certified by

105 Copper Road, Whitehorse, YT, Y1A 2Z7 Ph: (403) 668-4968 Fax: (403) 668-4890

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-17

# GEOCHEMICAL ANALYSIS CERTIFICATE

**Northern Analytical Labs, Ltd.** File # 92-1801 Page 1

105 Copper Road, Whitehorse YT Y1A 2Z7

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | V ppm | Ca % | P % | La ppm | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13610 1492701 | 15 | 147 | 30 | 46 | .3 | 7 | 5 | 256 | 3.25 | 11 | 7 | ND | 33 | 152 | .2 | 2 | 2 | 48 | .27 | .090 | 44 | 71 | .49 | 98 | .09 | 3 | 1.24 | .10 | .24 | |
| 13610 1492702 | 7 | 161 | 24 | 42 | .1 | 8 | 11 | 349 | 3.00 | 24 | 5 | ND | 28 | 216 | .2 | 2 | 2 | 52 | .51 | .094 | 33 | 55 | .43 | 89 | .12 | 2 | 1.17 | .09 | .15 | |
| 13610 1492703 | 9 | 91 | 137 | 59 | .1 | 6 | 8 | 723 | 3.05 | 53 | 5 | ND | 26 | 147 | .2 | 2 | 2 | 53 | .53 | .096 | 33 | 57 | .57 | 116 | .11 | 3 | 1.09 | .09 | .11 | |
| 13610 1492704 | 9 | 117 | 43 | 46 | .1 | 7 | 9 | 416 | 3.00 | 11 | 5 | ND | 25 | 235 | .2 | 2 | 2 | 54 | .60 | .091 | 35 | 79 | .45 | 97 | .13 | 6 | 1.15 | .11 | .15 | |
| 13610 1492705 | 5 | 64 | 47 | 43 | .1 | 7 | 8 | 429 | 2.60 | 8 | 5 | ND | 25 | 79 | .2 | 2 | 2 | 48 | .38 | .084 | 28 | 67 | .36 | 73 | .10 | 5 | .78 | .08 | .12 | |
| 13610 1492706 | 6 | 50 | 239 | 151 | 7.6 | 9 | 5 | 321 | 2.47 | 42 | 5 | ND | 12 | 50 | .9 | 2 | 2 | 37 | .34 | .051 | 24 | 101 | .39 | 88 | .11 | 2 | 1.16 | .08 | .17 | |
| 13610 1492707 | 7 | 65 | 43 | 60 | .2 | 9 | 9 | 479 | 2.86 | 13 | 5 | ND | 17 | 98 | .2 | 2 | 2 | 48 | .34 | .075 | 27 | 88 | .39 | 96 | .09 | 3 | 1.32 | .07 | .11 | |
| 13610 1492708 | 18 | 86 | 82 | 58 | .5 | 5 | 5 | 295 | 3.34 | 10 | 5 | ND | 35 | 213 | .3 | 2 | 2 | 51 | .42 | .089 | 31 | 70 | .58 | 110 | .14 | 3 | 1.32 | .09 | .21 | |
| 13610 1492709 | 5 | 97 | 54 | 64 | .1 | 8 | 9 | 460 | 3.23 | 18 | 5 | ND | 24 | 192 | .3 | 2 | 2 | 58 | .68 | .101 | 35 | 57 | .54 | 106 | .10 | 2 | 1.56 | .07 | .12 | |
| 13610 1492710 | 18 | 140 | 217 | 77 | 2.2 | 9 | 8 | 454 | 3.29 | 23 | 5 | ND | 27 | 245 | .3 | 2 | 2 | 52 | .53 | .096 | 36 | 73 | .56 | 142 | .11 | 3 | 1.60 | .08 | .18 | |
| 13610 1492711 | 5 | 63 | 67 | 68 | .5 | 9 | 9 | 485 | 3.73 | 23 | 5 | ND | 23 | 96 | .3 | 2 | 2 | 53 | .46 | .081 | 31 | 64 | .52 | 117 | .10 | 3 | 1.39 | .07 | .14 | |
| 13610 1492712 | 14 | 125 | 30 | 57 | .3 | 7 | 11 | 1037 | 3.04 | 11 | 5 | ND | 33 | 143 | .6 | 2 | 2 | 51 | .44 | .100 | 58 | 70 | .35 | 106 | .04 | 3 | 1.31 | .07 | .09 | |
| 13610 1492713A | 4 | 73 | 28 | 107 | .2 | 12 | 10 | 1289 | 3.18 | 6 | 5 | ND | 33 | 83 | 1.2 | 2 | 2 | 41 | .62 | .086 | 67 | 83 | .40 | 71 | .01 | 2 | 1.99 | .03 | .09 | |
| 13610 14927138 | 6 | 64 | 25 | 43 | .3 | 6 | 8 | 394 | 2.79 | 11 | 5 | ND | 35 | 55 | .2 | 2 | 2 | 40 | .58 | .090 | 56 | 59 | .34 | 46 | .01 | 2 | 1.65 | .04 | .11 | |
| 13610 1492714 | 14 | 30 | 14 | 35 | .2 | 7 | 6 | 332 | 2.51 | 2 | 5 | ND | 34 | 40 | .2 | 3 | 2 | 41 | .57 | .078 | 49 | 90 | .62 | 83 | .05 | 2 | 1.41 | .07 | .21 | |
| 13610 1492715 | 69 | 376 | 16 | 32 | .1 | 4 | 13 | 406 | 2.32 | 3 | 5 | ND | 32 | 29 | .2 | 2 | 3 | 34 | .30 | .089 | 47 | 68 | .41 | 122 | .05 | 3 | .95 | .06 | .16 | |
| 13610 1492716 | 55 | 709 | 24 | 38 | .8 | 7 | 14 | 425 | 2.35 | 4 | 5 | ND | 35 | 32 | .2 | 2 | 10 | 36 | .31 | .078 | 49 | 89 | .58 | 262 | .06 | 3 | 1.07 | .06 | .22 | |
| 13610 1492717 | 20 | 659 | 16 | 39 | .3 | 9 | 18 | 446 | 2.36 | 44 | 5 | ND | 29 | 36 | .2 | 2 | 9 | 45 | .37 | .091 | 47 | 97 | .58 | 104 | .06 | 3 | 1.10 | .07 | .19 | |
| 13610 1492718 | 25 | 321 | 19 | 37 | .2 | 5 | 7 | 309 | 1.83 | 2 | 5 | ND | 28 | 42 | .2 | 2 | 2 | 41 | .43 | .077 | 34 | 82 | .58 | 75 | .10 | 2 | .94 | .07 | .10 | |
| 13610 1492719 | 7 | 197 | 29 | 38 | .3 | 4 | 5 | 238 | 3.08 | 2 | 5 | ND | 31 | 71 | .2 | 2 | 3 | 57 | .37 | .098 | 32 | 68 | .51 | 122 | .12 | 3 | 1.19 | .08 | .14 | |
| 13610 1492720A | 20 | 371 | 39 | 49 | 1.6 | 8 | 9 | 344 | 2.80 | 3 | 5 | ND | 32 | 45 | .2 | 2 | 2 | 42 | .30 | .091 | 30 | 73 | .61 | 218 | .03 | 4 | 1.40 | .05 | .12 | 68 |
| 13610 14927208 | 18 | 515 | 21 | 38 | 1.8 | 4 | 6 | 252 | 3.16 | 2 | 5 | ND | 33 | 55 | .2 | 2 | 2 | 39 | .26 | .083 | 32 | 69 | .52 | 449 | .02 | 3 | 1.44 | .05 | .11 | 30 |
| 13610 1492721 | 79 | 605 | 24 | 47 | 1.0 | 7 | 13 | 420 | 3.49 | 15 | 9 | ND | 33 | 51 | .4 | 3 | 2 | 49 | .46 | .077 | 30 | 51 | .70 | 95 | .07 | 4 | 1.36 | .04 | .11 | 4 |
| 13610 1492722 | 28 | 275 | 24 | 39 | .6 | 6 | 7 | 358 | 2.35 | 5 | 5 | ND | 29 | 49 | .2 | 4 | 3 | 48 | .42 | .075 | 36 | 75 | .62 | 88 | .08 | 4 | 1.06 | .06 | .08 | 3 |
| RE 13610 1492719 | 6 | 197 | 27 | 37 | .1 | 5 | 4 | 233 | 3.05 | 2 | 5 | ND | 31 | 71 | .2 | 2 | 2 | 55 | .36 | .096 | 31 | 66 | .50 | 122 | .12 | 3 | 1.20 | .08 | .14 | 1 |
| 13610 1492723 | 20 | 1383 | 33 | 47 | 2.6 | 8 | 9 | 279 | 2.26 | 2 | 8 | ND | 34 | 45 | .2 | 2 | 4 | 37 | .28 | .068 | 37 | 58 | .50 | 92 | .04 | 3 | .96 | .05 | .14 | 9 |
| 13610 1492724 | 16 | 163 | 19 | 31 | .5 | 6 | 11 | 286 | 2.01 | 1129 | 5 | ND | 21 | 56 | .2 | 2 | 2 | 33 | .32 | .072 | 23 | 88 | .38 | 87 | .03 | 2 | .95 | .08 | .08 | 2 |
| 13610 1492725 | 24 | 706 | 20 | 38 | .7 | 7 | 18 | 460 | 2.88 | 16 | 5 | ND | 33 | 47 | .2 | 2 | 2 | 37 | .33 | .074 | 40 | 72 | .48 | 148 | .05 | 4 | .94 | .07 | .15 | 3 |
| 13610 1492726 | 49 | 344 | 31 | 23 | 2.9 | 6 | 5 | 136 | 5.48 | 24 | 12 | 2 | 27 | 92 | .5 | 4 | 2 | 48 | .19 | .070 | 31 | 59 | .31 | 171 | .11 | 3 | .89 | .15 | .22 | 5 |
| 13610 1492727 | 15 | 285 | 18 | 45 | .2 | 10 | 7 | 781 | 1.72 | 4 | 5 | ND | 29 | 28 | .2 | 5 | 2 | 20 | .35 | .068 | 40 | 74 | .18 | 187 | .01 | 5 | .83 | .05 | .14 | 4 |
| 13610 1492728A | 19 | 327 | 19 | 36 | .3 | 9 | 8 | 663 | 2.22 | 2 | 5 | ND | 29 | 35 | .3 | 3 | 2 | 33 | 1.39 | .077 | 81 | 59 | .49 | 176 | .01 | 3 | 1.27 | .03 | .17 | 2 |
| 13610 14827288 | 20 | 281 | 15 | 34 | .2 | 6 | 7 | 565 | 1.95 | 70 | 5 | ND | 28 | 31 | .3 | 2 | 2 | 27 | 1.09 | .068 | 82 | 61 | .37 | 124 | .01 | 2 | 1.10 | .03 | .15 | 2 |
| 13610 1492729 | 25 | 567 | 19 | 40 | .4 | 9 | 9 | 565 | 2.12 | 2 | 5 | ND | 28 | 25 | .2 | 2 | 4 | 31 | .35 | .084 | 60 | 99 | .47 | 107 | .03 | 4 | 1.07 | .06 | .17 | 1 |
| 13610 1492730 | 30 | 385 | 16 | 33 | .6 | 7 | 9 | 362 | 2.65 | 2 | 5 | ND | 32 | 28 | .2 | 4 | 3 | 45 | .33 | .083 | 40 | 67 | .62 | 111 | .09 | 2 | .97 | .06 | .21 | 3 |
| 13610 1492731 | 7 | 158 | 15 | 35 | .2 | 8 | 7 | 382 | 2.54 | 2 | 5 | ND | 32 | 37 | .2 | 2 | 2 | 46 | .37 | .079 | 34 | 80 | .68 | 129 | .13 | 5 | 1.03 | .08 | .24 | 1 |
| 13610 1492732 | 127 | 144 | 22 | 35 | .2 | 11 | 17 | 788 | 2.80 | 3 | 5 | ND | 27 | 29 | .2 | 2 | 2 | 21 | .51 | .079 | 49 | 60 | .32 | 71 | .01 | 3 | 1.05 | .03 | .13 | 1 |
| 13610 1492733 | 45 | 366 | 12 | 39 | .2 | 9 | 9 | 608 | 2.64 | 3 | 5 | ND | 28 | 46 | .2 | 2 | 2 | 42 | .44 | .076 | 44 | 81 | .53 | 165 | .06 | 2 | 1.37 | .05 | .16 | 1 |
| STANDARD C | 19 | 63 | 41 | 131 | 7.4 | 80 | 32 | 1116 | 3.92 | 39 | 18 | 7 | 39 | 51 | 19.0 | 14 | 19 | 62 | .47 | .091 | 41 | 58 | .87 | 176 | .09 | 35 | 1.88 | .08 | .15 | 11 |

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: PULP Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: JUL 8 1992 DATE REPORT MAILED: July 16/92 SIGNED BY ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

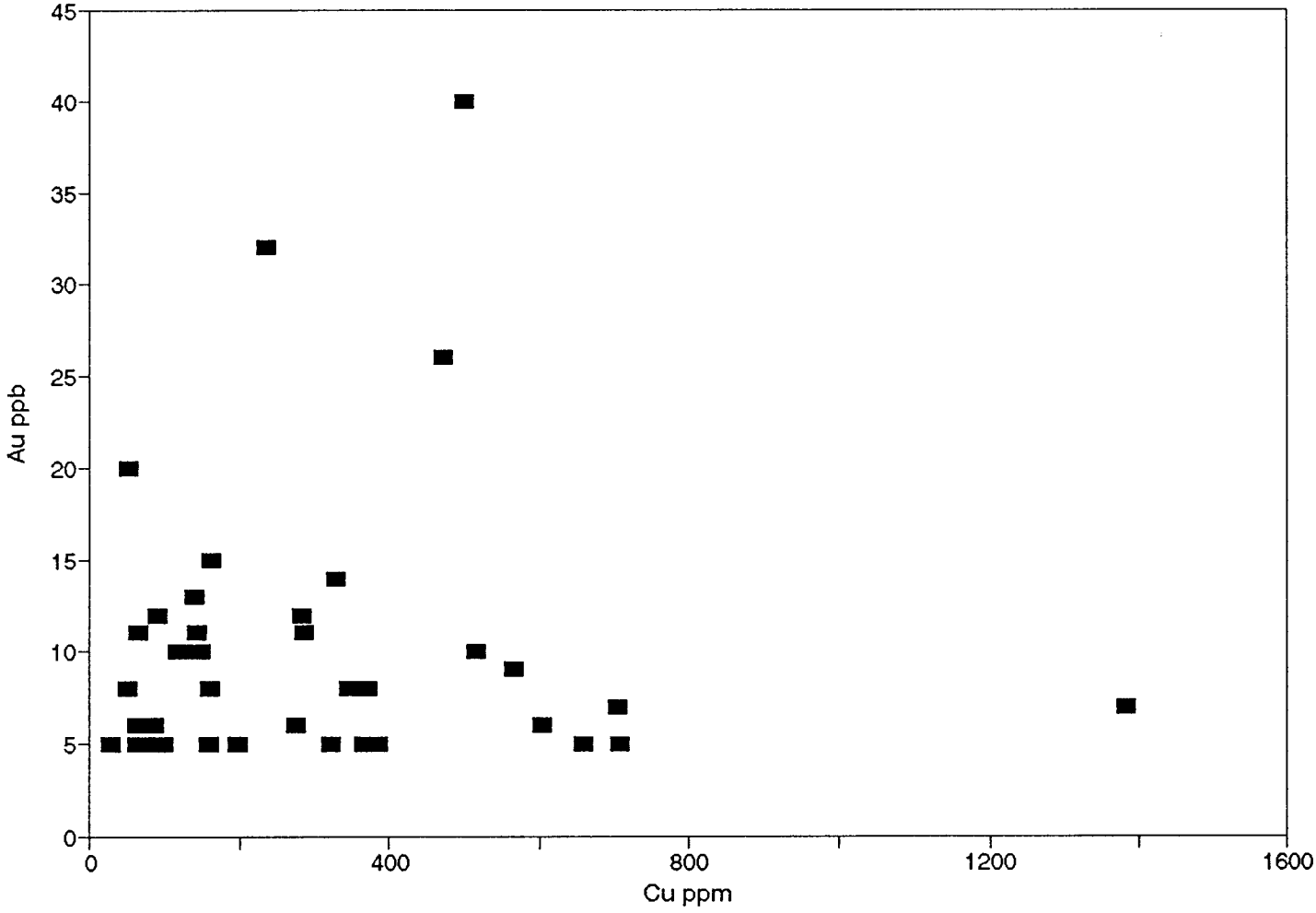
# Northern Analytical Labs. Ltd. FILE # 92-1801



| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | V ppm | Ca % | P % | La ppm | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | W ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13610 1492734 | 108 | 471 | 23 | 47 | 1.5 | 4 | 6 | 247 | 3.87 | 11 | 5 | ND | 31 | 100 | .2 | 2 | 2 | 55 | .27 | .099 | 29 | 54 | .67 | 95 | .17 | 2 | 1.71 | .05 | .19 | 1 |
| 13610 1492735A | 12 | 235 | 138 | 220 | 1.4 | 6 | 13 | 913 | 2.82 | 36 | 5 | ND | 29 | 33 | 1.1 | 2 | 7 | 42 | .45 | .094 | 43 | 53 | .46 | 78 | .02 | 2 | 1.34 | .03 | .15 | 3 |
| 13610 1492735B | 36 | 500 | 34 | 45 | 1.1 | 3 | 7 | 138 | 4.97 | 19 | 5 | ND | 31 | 101 | .2 | 2 | 2 | 54 | .22 | .087 | 29 | 42 | .42 | 126 | .06 | 2 | 1.19 | .08 | .19 | 4 |
| 13610 1492736 | 5 | 52 | 791 | 134 | 2.8 | 11 | 7 | 307 | 2.69 | 73 | 5 | ND | 11 | 53 | .6 | 4 | 2 | 47 | .33 | .050 | 18 | 105 | .66 | 138 | .13 | 2 | 1.62 | .04 | .23 | 1 |
| RE 13610 1492735A | 12 | 249 | 140 | 235 | 1.5 | 6 | 13 | 954 | 2.99 | 40 | 5 | ND | 30 | 35 | 1.2 | 2 | 7 | 45 | .47 | .099 | 46 | 56 | .49 | 84 | .02 | 2 | 1.43 | .03 | .16 | 1 |
| STANDARD C | 19 | 57 | 40 | 133 | 7.1 | 70 | 31 | 1073 | 3.97 | 41 | 16 | 7 | 40 | 52 | 18.6 | 14 | 19 | 60 | .48 | .090 | 39 | 58 | .89 | 178 | .09 | 35 | 1.88 | .07 | .15 | 11 |

Sample type: PULP. Samples beginning 'RE' are duplicate samples.

TOMBSTONE EXPLORATIONS CO. LTD.
SIXTYMILE PROPERTY XY Graph-Au vs Cu



TOMBSTONE EXPLORATIONS CO. LTD.
SIXTYMILE PROPERTY XY Graph - Cu vs Mo