

MAP No.

105 D 3

ASSESSMENT REPORT
PROSPECTUS
CONFIDENTIAL
OPEN FILE



DOCUMENT NO.: 091732

MINING DISTRICT: WHITEHORSE

TYPE OF WORK: GEOCHEMICAL, PRELIM. GEOLOGICAL

REPORT FILED UNDER: SKUKUM VENTURES INC.

DATE PERFORMED: July 10 - July 9, 1987

DATE FILED: Aug. 12, 1987

LOCATION	LAT.	60°11'N
	LONG.	135°19'W

AREA:

CLAIM NAME & NO. STEN 2, 5-7, 9-10, 14-17, 19-20 YA92923, 26-28, 30-31, 35-38, 40-41

VALUE \$	3,200.00
WORK DONE BY:	I. COSTER
WORK DONE FOR:	SKUKUM VENTURES INC.
DATE TO GOOD STANDING	

REMARKS:
#237 STEN



GEOCHEMICAL
AND
PRELIMINARY GEOLOGICAL

REPORT
ON THE

STEN 2. 5. 6. 7. 9. 10. 14. 15. 16. 17. 19. 20
(YA92923. 26-28. 30. 31. 35-38. 40. 41)

MINERAL CLAIMS

JUNE 10 - JULY 9, 1987

WHITEHORSE MINING DISTRICT
YUKON TERRITORY

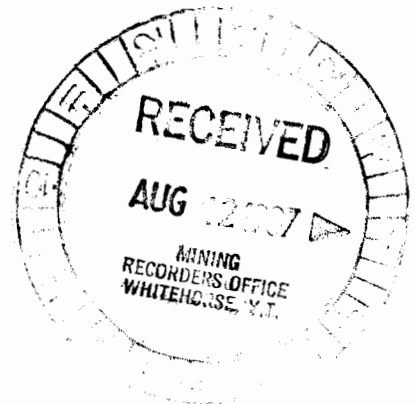
NTS 105 D-3
LAT. 60 11' LONG. 135 19'

BY

IAN COSTER B. SC. F.G.A.C.
SKUKUM VENTURES INC.
706-595 HOWE STREET
VANCOUVER. B.C.
V6C 2T5

July 30. 1987

091732



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 \$ 3200.00.

D. Demond

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

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INTRODUCTION

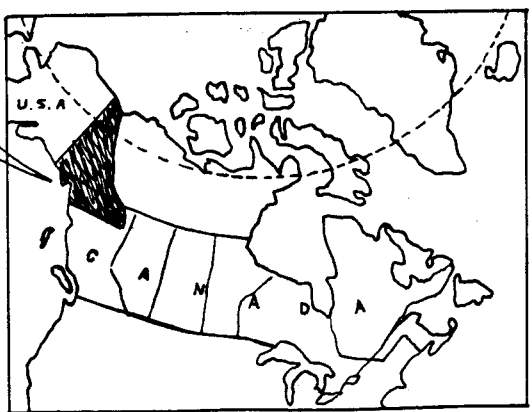
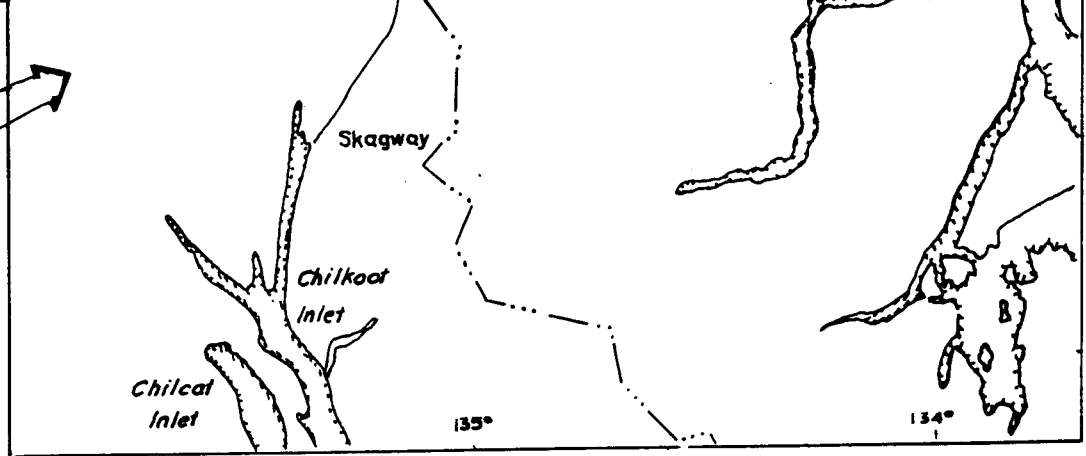
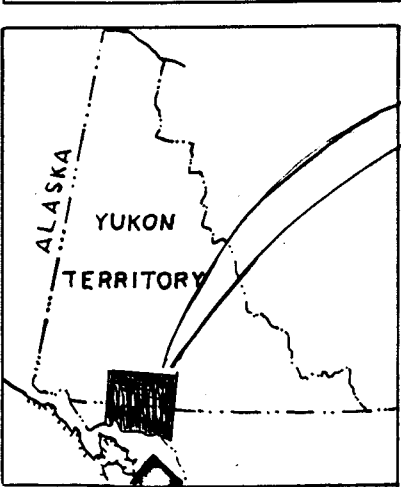
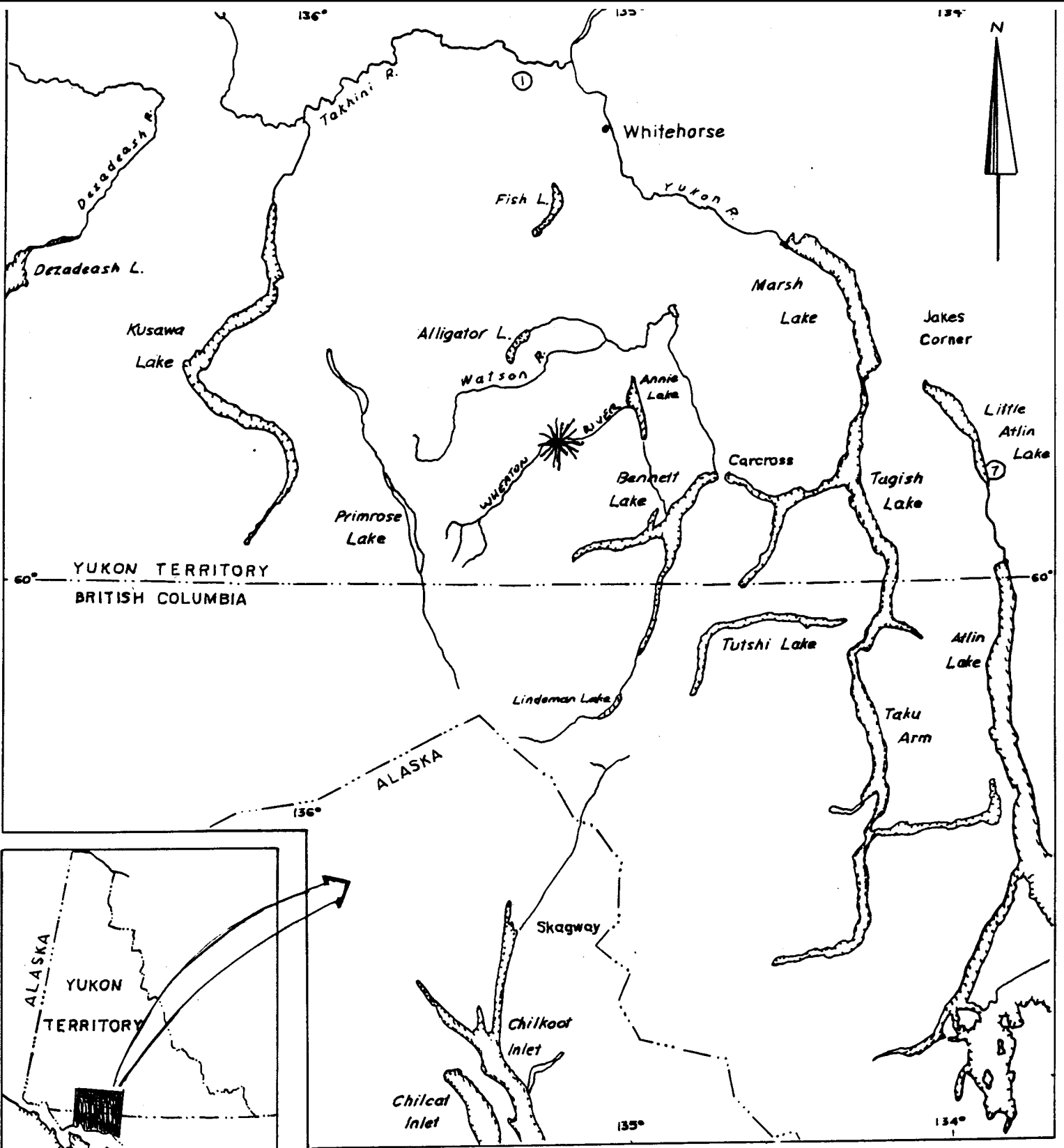
This report describes a talus fines and soil sampling survey and prospecting (preliminary geological mapping) survey, carried out on the STEN 2, 5, 6, 7, 9, 10, 14, 15, 16, 17, 19, 20, mineral claims, located in the Fenwick Creek valley, Wheaton River area, south of Whitehorse, Yukon.

Soil and talus fine were collected at 30m to 50m intervals, along slopes on both sides of Fenwick Creek, at the 4000 foot and 4400 foot contours.

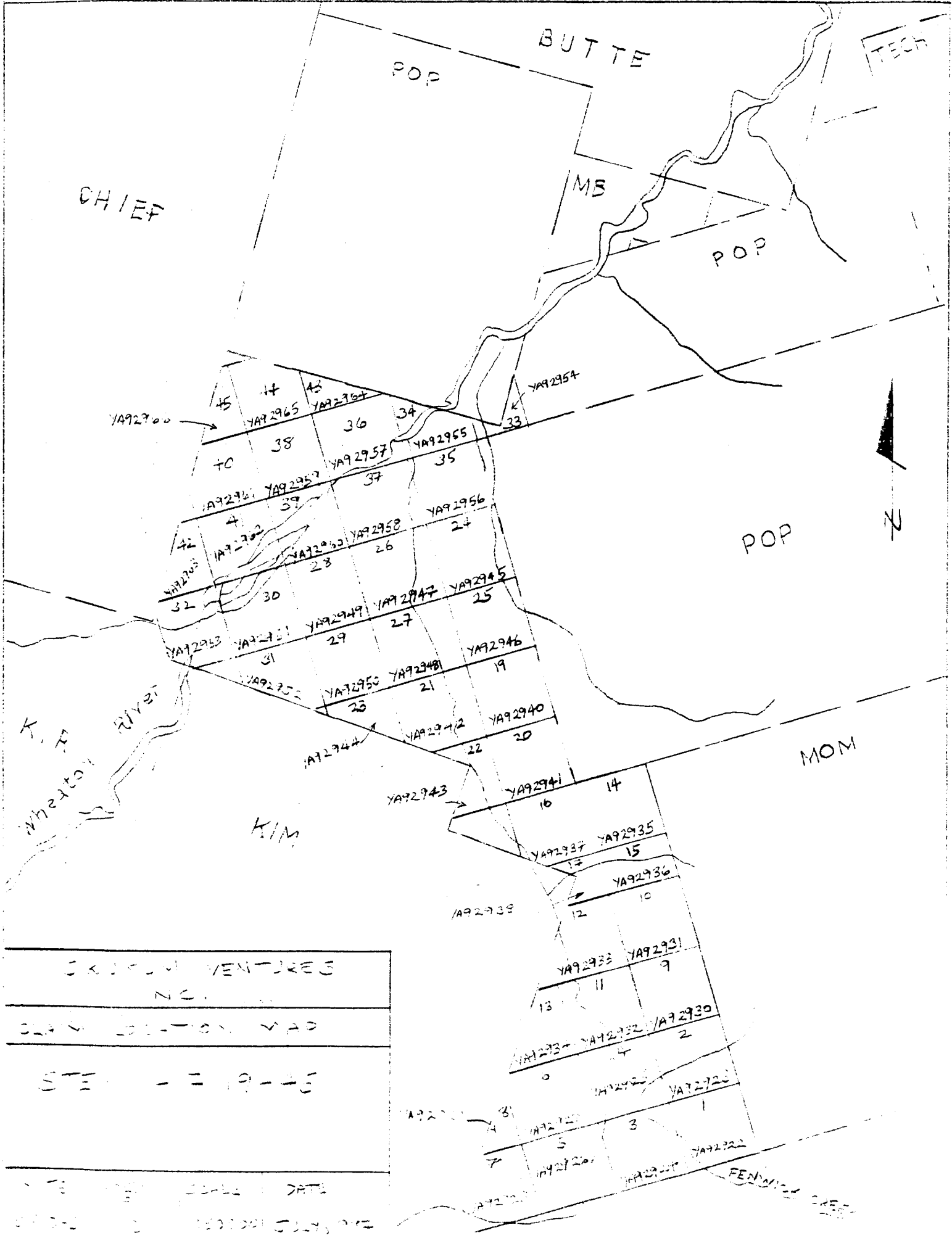
LOCATION AND ACCESS

The STEN 2, 5, 6, 7, 9, 10, 14, 15, 16, 17, 19, 20 claims are within a contiguous group of 44 mineral claims (STEN 1-17, 19-45) located in southwestern Yukon Territory. Specifically the claim group staddles Fenwick Creek and parts of the Wheaton River, south of Whitehorse. The claim group is centered at approximately 60 11' latitude and 135 19' longitude.

Access to the property is provided by the rough road linking Omni Resources Skukum Creek Au. Ag, deposit with the all weather road running up the Wheaton River valley. The Wheaton River Road is accessed via the Annie Lake Road, which in turn is accessed by the road linking Carcross with Whitehorse. Total distance from Whitehorse to the claim group, by road, is approximately 90 km (55 miles).



SKUKUM VENTURES		
LOCATION MAP		
JUNE '87	SCALE 1:1000 000	FIGURE 1



CHIEF

BUTTE

TECH

MS

POP

POP

N

MOM

KIM

K. R. Whetton River

SKIN VENTURES INC.
CLAY BOTTOM MAD
STE - 19-45
DATE
1999 JULY 21

FENNELL

PROPERTY

The claims discussed in this report form part of a contiguous group of 44 claims staked under the Yukon Quartz Mining Act and total approximately 892 hectares (2194 acres).

The claims are listed as follows:

<u>Name</u>	<u>Number</u>	<u>Expiry Date</u>
STEN 1-17. 19-45	YA92922-938	August 8, 1987
	YA92940-966	

The claims are shown on D.I.A.N.D. Quartz and Placer sheet 105 D-3. and are within the Whitehorse Mining District. All the claims are 100% owned by Skukum Ventures Inc.

PREVIOUS WORK HISTORY

No work has ever been recorded on the ground presently covered by the STEN claims. The Wheaton River area, however, is prolific in various mineral deposits, including the presently producing Mt. Skukum Au. Ag mine (Total Evickson, AGIP) located approximately 7 km to the northwest; and the Skukum Creek Au. Ag deposit (Omni) located 6 km to the west; the Becker-Cochran Sb deposit (Berglynn) located approximately 5 km to the east; as well as other Au. Ag. Pb. Sb showings located within 15 km radius.

PERSONNEL

The prospecting-mapping and geochemical sampling was performed by Ian Coster, Lorne Rowan, Pat Varas and Mike Genn, all of Skukum Ventures Inc. Data compilation, interpretation and report preparation was completed by Ian Coster. Drafting was done by Pat Varas.

CLIMATE. TOPOGRAPHY AND VEGETATION

The climate in the Wheaton River area is variable with hot summers enhanced by 18-20 hours of daylight and long cold winters. Precipitation is relatively light (40cm), with about half falling as rain. The rivers are open from early May to late October. Regional topography consists of upland plateau, incised by v-shaped drainage systems. The average elevation of the plateau surface is approximately 5000 feet (1525m), giving a relative relief of about 3000 feet (900m). The STEN 1-17, 19-45 claim group lies mainly along the Fenwick Creek valley, and is at an elevation of between 3200 and 5000 feet, most of which is below treeline.

Vegetation on the claim group is variable. Above treeline stunted willow, alpine grasses and shrubs thrive. In the creek valley, mixed spruce and poplar forest prevail.

REGIONAL GEOLOGY

The STEN 1-17, 19-45 claim group lies on the eastern edge of the Coast Plutonic Belt near the boundary of supracrustal rocks of the Whitehorse Trough. The region was mapped in detail by J.O. Wheeler of the G.S.C. and reported on in 1961. In general he concludes that this part of the Coast Plutonic Belt comprises foliated and non-foliated Mesozoic granitoid rocks flanked by metamorphosed and non-metamorphosed sedimentary and volcanic rocks. Irregular belts of metavolcanic and metasedimentary rocks of Mesozoic, Paleozoic and Precambrian age occur as roof

pendents. All of the above geology is overlain and intruded by a coeval suite of Tertiary (Eocene ?) rhyolite to andesite flows, dikes and stocks. Most mineral occurrences in the Wheaton River area are associated with the Tertiary igneous event.

PROPERTY GEOLOGY

Outcrop accounts for less than 15% of the STEN property, all of which is found on the east side of Fenwick Creek, on claims STEN 9, 10, 14, 15. The bulk of the geology is medium grained granodiorite of late Cretaceous age. The granodiorite is generally massive and non-porphyrtyic, but fractures easily. In places, conjugate fracture sets (150 /651 SW and 064 /40 NW; 170/80 W and 030 /90) produce a very blocky weathering cliff face. Main structures are the minor faults and shears, which trend between 085 and 110 , and produce the westerly trending gullies. This trend of structural weakness has allowed the granodiorite to be intruded by Tertiary (Eocene?) aged dikes of andesitic and rhyolitic composition, with the andesitic variety being more common. Both types trend from 100 to 120 , having near vertical dips. The andesite dikes are generally 1-2m thick and often occur in swarms of dikes up to 50m wide. The rhyolite dikes are somewhat more narrow, and occur usually as single dikes.

MINERALIZATION

Three modes of mineralization were observed and sampled. All are hosted in granodiorite and are structurally controlled.

The best looking structure is a 100 trending narrow shear zone hosting several narrow (1 m) rhyolite dikes. Mineralization consists of disseminated to massive pyrite and magnetite pods within sheared and clay-chlorite-epidote-calcite altered gossanous granodiorite. These pods attain a thickness of 30 cm, are lensey and discontinuous and portray a weak banding. Associated with these pods are lenses of granular quartz-sericite melange that hosts traces of malachite.

Weaker shears are not uncommon and are hosted within the granodiorite with no associated rhyolite diking. The rock is typically crumbly, limonitic and hosts 1-2% disseminated pyrite and traces of disseminated magnetite. A 5-10 m strongly fractured zone was noted trending through propylitized granodiorite. It has been partially "rehealed" by a system of irregular narrow (1 cm) quartz veinlets. The quartz is coarse and vuggy, limonitic and hosts 1-2% coarse blebby pyrite and traces of malachite. The fracture-veinletted zone has been cut by a parallel swarm of rhyolite dikes.

GEOCHEMISTRY

PROCEDURE

Two separate soil (talus fines) traverses were run; one at about the 4400 foot elevation level on the west side slope of Fenwick Creek, and another at about the 4000 foot elevation level on the east side slope of Fenwick Creek. Samples were collected

at approximately 30m intervals, resulting in a total of 98 samples collected. Soil horizontal development was relatively poor with the sampled medium being more of a mixture between glacial-fluvial material and residual fine talus.

Rock samples were collected from mineralized and/or altered outcrops (as well as float). A total of 17 rock samples were collected.

All the samples were geochemically analyzed (-80 mesh fraction) for Au, Ag, Pb, Zn, As and Sb at ACME Analytical Laboratories Ltd. Silver, lead, zinc, arsenic and antimony were determined from a .50gm sample by ICP (Induced Coupled Plasma) analysis after digestion in a hydrochloric-nitric acid solution, and are reported in ppm. Gold was analyzed by conventional AA (Atomic Absorption) techniques from a 10gm sample and is reported in ppb.

RESULTS

Of the rocks analyzed, only one returned weakly anomalous in gold (at 365 ppb) and two weakly anomalous in zinc (388 and 299 ppm). The anomalous gold came from a massive pyrite lense found in a easterly trending shear (sample number 872d4a-1004) Both of the zinc anomalies are from similar material.

Of the soils analyzed, several clusters of anomalous gold, arsenic, lead and zinc can be defined, draining the east side of Fenwick Creek. (Samples collected from the west side were not anomalous).

The first and more important cluster of anomalies can be broadly defined between samples 872d4c-6048 and 872d4c-6056, with four weak to moderately anomalous golds (830, 84, 121, 260 ppb), two weakly anomalous arsenic (25 ppm each), a moderately anomalous silver (3.7 ppm) and four weak to moderately anomalous zinc (277, 697, 887 and 269 ppm).

The second cluster is only weakly anomalous in lead and zinc, and lies between samples 872d4c-6083 and-6089.

Several other samples returned weakly anomalous in zinc and one in arsenic, but these are single point anomalies.

CONCLUSIONS

The soil (talus fines) traverse sampling was successful in grossly outlining an area of potential precious metals mineralization up-slope of claim STEN 9. The geological traverses prove that the Cretaceous intrusive in this area is readily sheared and intruded by Tertiary dikes (of andesite and rhyolite), two essential criteria in Wheaton River area gold - silver type mineralization.

RECOMMENDATIONS

No more geological or geochemical work is recommended at this time as most of the rest of the property is covered by a relatively thick mantle of glacio-fluvial and fluvial overburden which makes a very poor sampling medium. The area near the confluence of Fenwick Creek and the Wheaton River may mask

favourable east-west structures. It is known that this area has been included in a recently flown airborne geophysical survey by Erickson-AGIP, and if this data could be accessible, follow-up ground geophysics (possibly vertical loop EM such as an SS-15 unit) could be conducted to outline any buried structures.

Respectfully submitted,

Ian Coster, B.Sc., F.G.A.C.

STATEMENT OF QUALIFICATIONS

I, Ian P.D.A. Coster of P.O. Box 27 Atlin, B.C., hereby certify that:

- 1) I am a geologist with Skukum Ventures Inc. of 706-595 Howe St. Vancouver, B.C.;
- 2) I obtained a Bachelor of Science degree in Geology from the University of British Columbia, in 1981;
- 3) I am a Fellow of the Geological Association of Canada, and a member of the Prospectors and Developers Association of Canada;
- 4) I have been engaged in mineral exploration since 1979 in Ontario, Quebec, N.W.T., British Columbia and Yukon;
- 5) I oversaw the geochemical surveying and performed geological mapping on the STEN 2, 5, 6, 7, 9, 10, 14, 15, 16, 17, 19, 20 and am the author of this report;
- 6) I have not received, nor expect to receive any interests or securities directly or indirectly of Skukum Ventures Inc.

DATED THIS 30th of July, 1987

Ian. P.D.A. Coster. B.Sc., F.G.A.C.

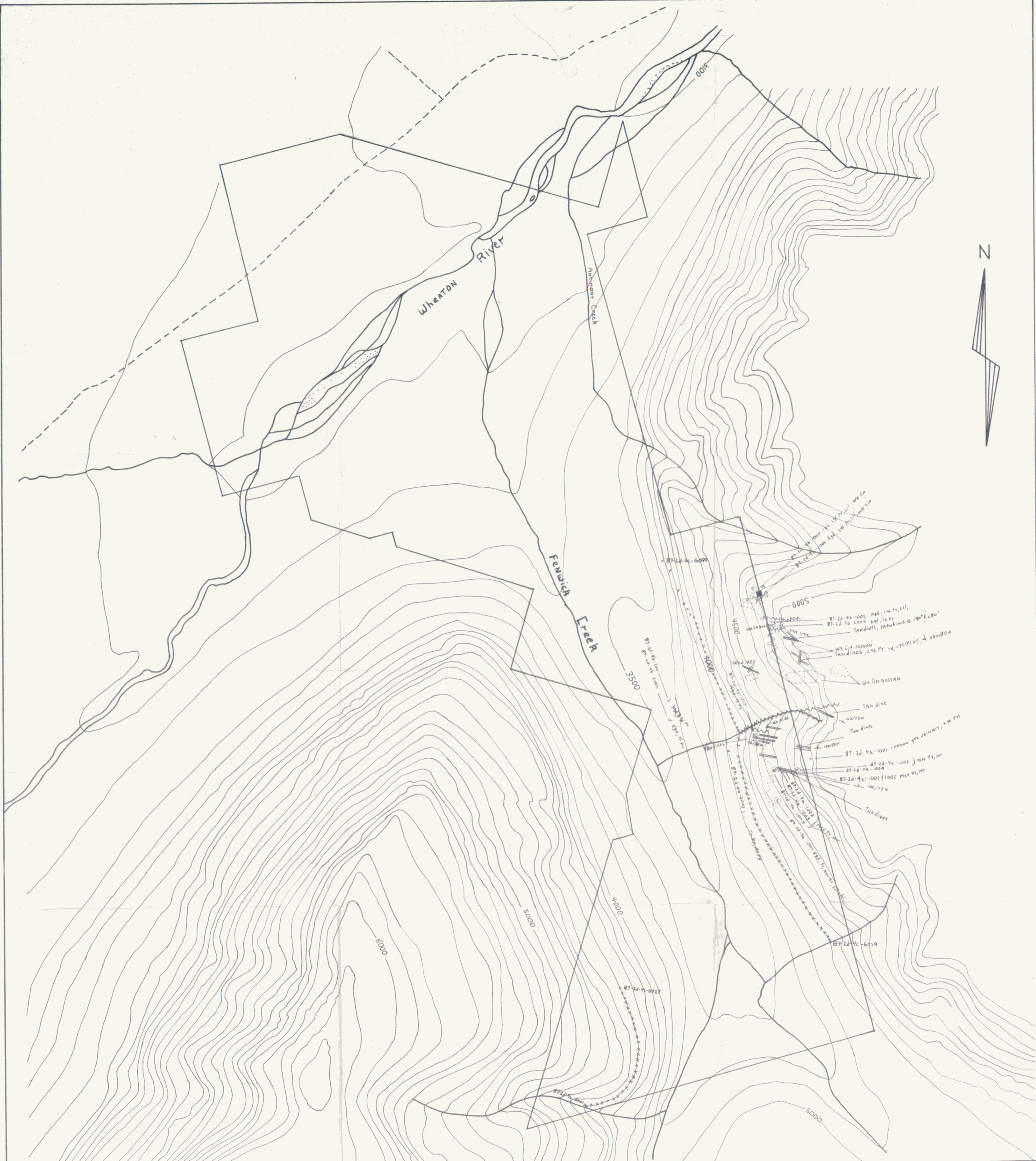
STATEMENT OF COSTS

1987 Assessment Valuation; STEN

Ian Coster, B.Sc. F.G.A.C. of Atlin, B.C. 3 days @ 120/day.....	\$360.00
Lorne Rowan, B.Sc. of Vancouver, B.C. 2 days @ 90/day.....	180.00
Mike Genn, B.Sc. of Vancouver, B.C. 3 days @ 67/day.....	201.00
Pat Varas, B. Sc. of Vancouver, B.C. 3 days @ 67/day.....	201.00
Camp costs 11 man days @ 35/day.....	385.00
Truck Costs 3 days @ 50/day.....	150.00
Analytical Costs 17 rocks @ 12.50/each.....	212.50
98 soils @ 9.25/each.....	906.50
shipping.....	100.00
Helicopter.....	374.62
Report (preparation, typing, binding, etc.).....	<u>150.00</u>
TOTAL 1987 (NON-PHYSICAL WORK) EXPENDITURES.....	<u>\$3220.00</u>

REFERENCES

- Garagan, Tom 1987 Summary Report; Wheaton Gold Property Joint Venture; Yukon Territory. Report by Aurum Geological Consultants Inc. for Skukum Ventures Inc.
- Lambert, M.B. 1974 The Bennett Lake Cauldren Subsidence Complex, British Columbia and Yukon Territory, G.S.C. Bulletin 227.
- Wheeler, J.O. 1961 Whitehorse Map Area, Yukon Territory 105 D, G.S.C. Memoir 312.
- Prude, M.J. 1985 Preliminary Geological Map of the Mount Skukum Volcanic Complex, 105 D-2, 3, 4, 5. Exploration and Geological Services Division Yukon; Indian and Northern Affairs Canada. Open File, 1:25,000 Scale map.



LEGEND

Ksd GRANODIORITE
 TAN ANDESITE
 TRh AHTALITE

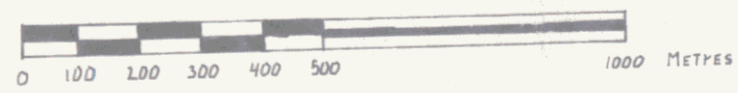
SYMBOLS

Py PYRITE
 Qtz QUARTZ
 Mt MAGNETITE
 Sil SILICIFIED

chl chloritized
 lim LIMONITIC
 Tr TRACE
 Msv MASSIVE
 Wk WEAK
 \backslash^{85} dike attitude \backslash fracture attitude
 X SAMPLE LOCATION
 ○ O/C BOUNDARY

// DIKE
 ~~~~~ FAULT  
 ■ LOCATED CLAIM PAST

SCALE 1:12500



SKUKUM VENTURES - BERGLYNN

**STEN CLAIMS**  
 091732

GEOLOGY & GEOCHEMISTRY  
 1987

MAPPED & DRAWN BY:  
 I.C., L.R., M.B., P.V.

1258

**GEOCHEMICAL ICP ANALYSIS**

.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 CA P LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.  
 - SAMPLE TYPE: SOIL/SILT AU\* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

ASSAYER: *D. Toye* DEAN TOYE, CERTIFIED B.C. ASSAYER

SKUKUM VENTURES PROJECT-BARR CLAIMS File # 87-1836 Page 1

| SAMPLE#                   | PB<br>PPM | ZN<br>PPM | AG<br>PPM | AS<br>PPM | SB<br>PPM | AU*<br>PPB |
|---------------------------|-----------|-----------|-----------|-----------|-----------|------------|
| 87-2D-4C-6001             | 14        | 84        | .1        | 2         | 2         | 12         |
| 87-2D-4C-6002             | 11        | 72        | .1        | 2         | 2         | 1          |
| 87-2D-4C-6003             | 9         | 80        | .1        | 3         | 2         | 2          |
| 87-2D-4C-6004             | 13        | 173       | .1        | 2         | 2         | 2          |
| 87-2D-4C-6005             | 29        | 102       | .1        | 3         | 2         | 1          |
| 87-2D-4C-6006             | 11        | 78        | .1        | 3         | 2         | 1          |
| 87-2D-4C-6007             | 21        | 97        | .1        | 4         | 2         | 1          |
| 87-2D-4C-6008             | 19        | 131       | .1        | 2         | 2         | 1          |
| 87-2D-4C-6009             | 7         | 55        | .1        | 2         | 2         | 1          |
| STD C/AU-S                | 40        | 132       | 6.9       | 41        | 15        | 47         |
| 87-2D-4C-6010             | 19        | 79        | .1        | 2         | 2         | 2          |
| 87-2D-4C-6011             | 19        | 105       | .1        | 4         | 2         | 1          |
| 87-2D-4C-6012             | 18        | 105       | .1        | 4         | 2         | 1          |
| 87-2D-4C-6013             | 29        | 101       | .2        | 3         | 2         | 1          |
| 87-2E-4B-5001 <i>silt</i> | 10        | 90        | .2        | 12        | 2         | 2          |
| 87-2E-4B-5002             | 12        | 97        | .1        | 10        | 2         | 2          |
| 87-2E-4B-5003             | 7         | 72        | .1        | 9         | 2         | 2          |
| 87-2E-4B-5004             | 6         | 95        | .2        | 13        | 2         | 3          |
| 87-2E-4B-5005             | 11        | 92        | .2        | 12        | 2         | 10         |
| 87-2E-4B-5006             | 13        | 111       | .1        | 14        | 2         | 2          |
| 87-2E-4B-5007             | 17        | 88        | .1        | 11        | 2         | 2          |
| 87-2E-4B-5008             | 9         | 85        | .1        | 10        | 2         | 3          |
| 87-2E-4B-5009             | 14        | 79        | .1        | 9         | 2         | 1          |
| 87-2E-4B-5010             | 14        | 90        | .1        | 16        | 2         | 2          |
| 87-2E-4B-5011             | 10        | 83        | .1        | 9         | 2         | 1          |
| 87-2E-4B-5012             | 13        | 78        | .1        | 10        | 2         | 1          |
| 87-2E-4B-5013             | 13        | 72        | .1        | 11        | 2         | 1          |
| 87-2E-4B-5014             | 9         | 61        | .1        | 10        | 2         | 66         |
| 87-2E-4B-5015             | 8         | 64        | .1        | 11        | 2         | 3          |
| 87-2E-4B-5016             | 13        | 81        | .1        | 11        | 2         | 2          |
| 87-2E-4B-5017             | 22        | 96        | .2        | 15        | 2         | 2          |
| 87-2E-4B-5018             | 15        | 95        | .2        | 14        | 2         | 1          |
| 87-2E-4B-5019             | 9         | 85        | .1        | 11        | 2         | 1          |
| 87-2E-4B-5020             | 13        | 78        | .1        | 7         | 2         | 1          |
| 87-2E-4B-5021             | 13        | 78        | .2        | 12        | 2         | 1          |
| 87-2E-4B-5022             | 9         | 55        | .1        | 8         | 2         | 2          |
| 87-2E-4B-5023             | 9         | 67        | .2        | 9         | 2         | 2          |

*STEN*

| SAMPLE#       | PB<br>PPM | ZN<br>PPM | AG<br>PPM | AS<br>PPM | SB<br>PPM | AU*<br>PPB |
|---------------|-----------|-----------|-----------|-----------|-----------|------------|
| 87-2E-4C-4025 | 6         | 107       | .1        | 6         | 2         | 1          |
| 87-2E-4C-4026 | 13        | 80        | .1        | 6         | 2         | 1          |
| 87-2E-4C-4027 | 12        | 66        | .1        | 6         | 2         | 3          |
| 87-2E-4C-4028 | 4         | 45        | .2        | 6         | 2         | 1          |
| 87-2E-4C-4029 | 12        | 59        | .5        | 8         | 2         | 1          |
| 87-2E-4C-4030 | 6         | 100       | .5        | 4         | 2         | 1          |
| 87-2E-4C-4031 | 20        | 92        | .1        | 15        | 2         | 1          |
| 87-2E-4C-6014 | 21        | 64        | .1        | 4         | 2         | 1          |
| 87-2E-4C-6015 | 20        | 83        | .1        | 2         | 2         | 2          |
| 87-2E-4C-6016 | 44        | 633       | .1        | 5         | 2         | 1          |
| 87-2E-4C-6017 | 45        | 103       | .9        | 3         | 7         | 1          |
| 87-2E-4C-6018 | 84        | 170       | 1.8       | 4         | 2         | 1          |
| 87-2E-4C-6019 | 27        | 97        | .1        | 4         | 2         | 1          |
| 87-2E-4C-6020 | 11        | 92        | .1        | 2         | 2         | 1          |
| 87-2E-4C-6021 | 28        | 168       | .1        | 5         | 2         | 2          |
| 87-2E-4C-6022 | 16        | 85        | .2        | 5         | 2         | 3          |
| 87-2E-4C-6023 | 18        | 100       | .1        | 2         | 2         | 1          |
| 87-2E-4C-6024 | 16        | 89        | .1        | 3         | 2         | 2          |
| 87-2E-4C-6025 | 18        | 128       | .1        | 4         | 2         | 1          |
| 87-2E-4C-6026 | 20        | 101       | .1        | 6         | 2         | 1          |
| 87-2E-4C-6027 | 47        | 118       | .1        | 3         | 2         | 1          |
| 87-2E-4D-4001 | 6         | 50        | .7        | 2         | 2         | 1          |
| 87-2E-4D-4002 | 2         | 51        | .5        | 2         | 2         | 24         |
| 87-2E-4D-4003 | 5         | 66        | .2        | 4         | 2         | 1          |
| 87-2E-4D-4004 | 6         | 69        | .1        | 5         | 2         | 21         |
| 87-2E-4D-4005 | 6         | 89        | .1        | 4         | 2         | 205        |
| 87-2E-4D-4006 | 5         | 61        | .1        | 6         | 2         | 4          |
| 87-2E-4D-4007 | 9         | 57        | .1        | 4         | 2         | 2          |
| 87-2E-4D-4008 | 9         | 69        | .1        | 6         | 2         | 112        |
| 87-2E-4D-4009 | 13        | 101       | .1        | 4         | 2         | 1          |
| 87-2E-4D-4010 | 10        | 75        | .5        | 5         | 2         | 1          |
| 87-2E-4D-4011 | 12        | 216       | 1.1       | 6         | 2         | 2          |
| 87-2E-4D-4012 | 16        | 89        | .3        | 4         | 2         | 1          |
| 87-2E-4D-4013 | 12        | 129       | .8        | 6         | 2         | 1          |
| 87-2E-4D-4014 | 14        | 116       | .5        | 6         | 2         | 1          |
| 87-2E-4D-4015 | 12        | 68        | .4        | 7         | 2         | 4          |
| STD C/AU-S    | 37        | 138       | 7.0       | 43        | 18        | 51         |

should be  
marked 2d  
(STEN)

ACME ANALYTICAL LABORATORIES  
 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6  
 PHONE 253-3158 DATA LINE 251-1011

DATE RECEIVED: JUL 7 1987

DATE REPORT MAILED: *July 13/87.*

**GEOCHEMICAL ICP ANALYSIS**

.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 CA P LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.  
 - SAMPLE TYPE: TALUS FINES AU\* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

ASSAYER: *D. Toye* DEAN TOYE, CERTIFIED B.C. ASSAYER

SKUKUM VENTURES File # 87-2273 Page 1

| SAMPLE#       | PB<br>PPM | ZN<br>PPM  | AG<br>PPM  | AS<br>PPM | SB<br>PPM | AU*<br>PPB |
|---------------|-----------|------------|------------|-----------|-----------|------------|
| 87-2d-4c-6029 | 22        | 71         | .1         | 2         | 3         | 1          |
| 87-2d-4c-6030 | 18        | 113        | .1         | 5         | 2         | 4          |
| 87-2d-4c-6031 | 53        | <u>330</u> | .2         | 2         | 2         | 1          |
| 87-2d-4c-6032 | 35        | 116        | .3         | 5         | 2         | 1          |
| 87-2d-4c-6033 | 68        | 189        | .1         | 2         | 3         | 1          |
| 87-2d-4c-6034 | 35        | 112        | .1         | 2         | 2         | 1          |
| 87-2d-4c-6035 | 37        | 163        | .1         | 3         | 2         | 10         |
| 87-2d-4c-6036 | 54        | 140        | .1         | 4         | 2         | 18         |
| 87-2d-4c-6037 | 16        | 193        | .1         | 2         | 2         | 1          |
| 87-2d-4c-6038 | 15        | 133        | .2         | 7         | 3         | 1          |
| 87-2d-4c-6039 | 32        | 207        | .1         | 7         | 2         | 1          |
| 87-2d-4c-6040 | 28        | 112        | .1         | 2         | 2         | 1          |
| 87-2d-4c-6041 | 12        | 164        | .1         | 4         | 2         | 1          |
| 87-2d-4c-6042 | 31        | 93         | .1         | 8         | 2         | 1          |
| 87-2d-4c-6043 | 28        | 130        | 1.3        | 21        | 2         | 50         |
| 87-2d-4c-6044 | 22        | 106        | .1         | 6         | 2         | 1          |
| 87-2d-4c-6045 | 45        | 143        | .1         | 11        | 2         | 17         |
| 87-2d-4c-6046 | 36        | 106        | .1         | 11        | 2         | 1          |
| 87-2d-4c-6047 | 29        | 132        | .1         | 4         | 2         | 1          |
| 87-2d-4c-6048 | 101       | <u>277</u> | .5         | 23        | 3         | <u>830</u> |
| 87-2d-4c-6049 | 108       | 187        | .2         | 14        | 2         | 71         |
| 87-2d-4c-6050 | 138       | 697        | .1         | 8         | 2         | 10         |
| 87-2d-4c-6051 | 73        | 887        | .4         | 10        | 2         | 36         |
| 87-2d-4c-6052 | 24        | 269        | .2         | 2         | 2         | 1          |
| 87-2d-4c-6053 | 34        | 167        | .1         | 4         | 2         | 11         |
| 87-2d-4c-6054 | 59        | 148        | .2         | <u>25</u> | 2         | <u>84</u>  |
| 87-2d-4c-6055 | 66        | 220        | .2         | <u>20</u> | 2         | <u>121</u> |
| 87-2d-4c-6056 | 43        | 124        | <u>3.7</u> | <u>25</u> | 2         | <u>260</u> |
| 87-2d-4c-6057 | 90        | 205        | .1         | 10        | 2         | 14         |
| 87-2d-4c-6058 | 58        | 166        | .1         | 7         | 2         | 2          |
| 87-2d-4c-6059 | 78        | 248        | .1         | 7         | 2         | 1          |
| 87-2d-4c-6060 | 22        | 147        | .1         | 3         | 2         | 1          |
| 87-2d-4c-6061 | 58        | 270        | .1         | <u>29</u> | 2         | 48         |
| 87-2d-4c-6062 | 31        | 238        | .1         | 6         | 2         | 8          |
| 87-2d-4c-6063 | 38        | <u>368</u> | .1         | 2         | 2         | 4          |
| 87-2d-4c-6064 | 58        | 148        | .1         | 25        | 2         | 49         |
| STD C/AU-S    | 40        | 135        | 6.8        | 36        | 16        | 53         |

SITE N

| SAMPLE#       | FB<br>PPM  | ZN<br>PPM  | AG<br>PPM | AS<br>PPM | SB<br>PPM | AU*<br>PPB |
|---------------|------------|------------|-----------|-----------|-----------|------------|
| 87-2a-4c-6065 | 70         | 158        | .1        | 4         | 2         | 1          |
| 87-2a-4c-6066 | 39         | 156        | .1        | 11        | 4         | 4          |
| 87-2a-4c-6067 | 25         | 117        | .4        | 4         | 2         | 1          |
| 87-2a-4c-6068 | 72         | 138        | .2        | 6         | 2         | 2          |
| 87-2a-4c-6069 | 19         | 130        | .3        | 6         | 2         | 1          |
| 87-2a-4c-6070 | 46         | 193        | .4        | 8         | 2         | 1          |
| 87-2a-4c-6071 | 38         | 117        | .1        | 4         | 2         | 17         |
| 87-2a-4c-6072 | 45         | 144        | .2        | 9         | 2         | 1          |
| 87-2a-4c-6073 | 59         | 128        | .4        | 13        | 2         | 8          |
| 87-2a-4c-6074 | 29         | 93         | .1        | 7         | 2         | 1          |
| 87-2a-4c-6075 | 28         | 142        | .3        | 9         | 2         | 9          |
| 87-2a-4c-6076 | 34         | 95         | .3        | 11        | 2         | 1          |
| 87-2a-4c-6077 | 46         | 128        | .1        | 8         | 4         | 1          |
| 87-2a-4c-6078 | 27         | 110        | .2        | 6         | 2         | 1          |
| 87-2a-4c-6079 | 61         | 217        | .2        | 6         | 2         | 21         |
| 87-2a-4c-6080 | 85         | 174        | .4        | 7         | 2         | 1          |
| 87-2a-4c-6081 | 28         | 105        | .1        | 2         | 2         | 1          |
| 87-2a-4c-6082 | 124        | 215        | .2        | 4         | 2         | 2          |
| 87-2a-4c-6083 | 173        | 246        | .2        | 11        | 2         | 1          |
| 87-2a-4c-6084 | <u>203</u> | 300        | .3        | 6         | 2         | 1          |
| 87-2a-4c-6085 | 26         | 546        | .1        | 4         | 2         | 1          |
| 87-2a-4c-6086 | 46         | <u>692</u> | .1        | 2         | 2         | 2          |
| 87-2a-4c-6087 | 62         | 125        | .1        | 9         | 2         | 1          |
| 87-2a-4c-6088 | 92         | 139        | .1        | 6         | 3         | 1          |
| 87-2a-4c-6089 | 74         | <u>346</u> | .1        | 4         | 2         | 1          |
| 87-2a-4c-6090 | 55         | 156        | .1        | 2         | 2         | 2          |
| 87-2a-4c-6091 | 66         | 141        | .1        | 7         | 2         | 1          |
| 87-2a-4c-6092 | 75         | 105        | .1        | 9         | 2         | 1          |
| 87-2a-4c-6093 | 21         | 215        | .1        | 2         | 2         | 1          |
| 87-2a-4c-6094 | 17         | 97         | .1        | 3         | 2         | 1          |
| 87-2a-4c-6095 | 33         | 75         | .2        | 2         | 2         | 1          |
| 87-2a-4c-6096 | 20         | 63         | .1        | 5         | 2         | 4          |
| 87-2a-4c-6097 | 86         | 121        | .1        | 9         | 2         | 1          |
| 87-2a-4c-6098 | 31         | 94         | .1        | 2         | 2         | 2          |
| 87-2a-4c-6099 | 48         | 166        | .2        | 3         | 2         | 1          |
| STD C/AU-S    | 43         | 135        | 6.9       | 41        | 15        | 53         |

| SAMPLE#       | PB<br>PPM | ZN<br>PPM  | AG<br>PPM | AS<br>PPM | SB<br>PPM | AU*<br>PPB |
|---------------|-----------|------------|-----------|-----------|-----------|------------|
| 87-2B-4B-1004 | 21        | 81         | .5        | 17        | 2         | 3          |
| 87-2B-4B-1005 | 20        | 60         | .4        | 17        | 2         | 1          |
| 87-2B-4B-1006 | 2         | 3          | .1        | 9         | 5         | 22         |
| 87-2B-4B-1007 | 6         | 6          | .1        | 21        | 4         | 2          |
| 87-2B-4C-1001 | 4         | 4          | .1        | 2         | 2         | 1          |
| 87-2B-4C-2001 | 106       | 71         | .6        | 207       | 21        | 115        |
| 87-2D-4A-1001 | 7         | 12         | .1        | 2         | 2         | 9          |
| 87-2D-4A-1002 | 8         | 3          | .1        | 2         | 2         | 1          |
| 87-2D-4A-1003 | 102       | <u>388</u> | 1.0       | 45        | 15        | 26         |
| 87-2D-4A-1004 | 42        | <u>121</u> | 1.4       | 61        | 14        | <u>365</u> |
| 87-2D-4A-1005 | 34        | 240        | 1.3       | 23        | 2         | 29         |
| 87-2D-4A-1006 | 54        | 228        | 1.4       | 54        | 2         | 45         |
| 87-2D-4A-1007 | 14        | 47         | .3        | 10        | 2         | 20         |
| 87-2D-4B-1001 | 13        | 47         | .1        | 3         | 3         | 13         |
| 87-2D-4B-1002 | 16        | 70         | .2        | 8         | 2         | 7          |
| 87-2D-4B-1003 | 24        | 84         | .2        | 8         | 2         | 1          |
| 87-2D-4B-1004 | 42        | 89         | .1        | 6         | 2         | 2          |
| 87-2D-4B-2001 | 12        | 24         | .2        | 2         | 6         | 19         |
| 87-2D-4B-2002 | 22        | 24         | .1        | 4         | 2         | 7          |
| 87-2D-4B-2003 | 12        | 34         | .1        | 3         | 4         | 5          |
| 87-2D-4B-2004 | 18        | 56         | .2        | 7         | 2         | 14         |
| 87-2D-4C-1001 | 46        | <u>299</u> | 1.9       | 38        | 2         | 31         |
| 87-2D-4C-1002 | 14        | <u>86</u>  | .5        | 105       | 2         | 1          |
| STD C/AU-R    | 43        | 141        | 7.0       | 43        | 14        | 495        |

ASSAY REQUIRED FOR Pb, As > 10,000 ppm  
 Ag > 35 ppm  
 Sb > 1000 ppm