MAP NO.:	**ASSESSMENT REPORT** X	**DOCUMENT NO:**	092695
	PROSPECTUS	**MINING DISTRICT:**	Whitehorse
	CONFIDENTIAL X	**TYPE OF WORK:**	Geological, geochemical
105 D 3.4	**OPEN FILE**		

REPORT FILED UNDER: Skukum Gold Inc.

DATE PERFORMED:	12 July - 30 October, 1988	**DATE FILED:**	13 March, 1989
LOCATION: **LAT.:**	60 ~~15'N~~ 05'N	**AREA:**	Primrose Lake
LONG.:	135 32'W	**VALUE $:**	9 000.00

CLAIM NAME & NO.: WHE 1-302 (YB06351-412, 415-478, 481-552, 555-646)

WORK DONE BY: A.L. Wilkins and H.F. MacKinnon

WORK DONE FOR: Skukum Gold Inc.

DATE TO GOOD STANDING:

REMARKS: # 264 WHE

In 1988, prospecting, geochemical sampling and mapping resulted in the discovery of a gossanous quartz vein with euhedral galena mineralization referred to as the CRIPPLE CREEK showing. Assays of up to 3.94% Pb and 77.3 g/t Ag were obtained.

SKUKUM GOLD INC.

PRELIMINARY
GEOLOGICAL AND GEOCHEMICAL
R E P O R T

ON THE

WHE 1-302 MINERAL CLAIMS
(YB06351-412, 415-478, 481-552 & 555-646)

HEADWATERS OF THE WHEATON RIVER AND PRIMROSE LAKE
WHITEHORSE MINING DISTRICT
YUKON TERRITORY

N.T.S.: 105D/3 & D/4

LATITUDE: 60 DEGREES 15 MINUTES NORTH
LONGITUDE: 135 DEGREES 32 MINUTES WEST

SKUKUM GOLD INC.
#706-595 Howe Street,
Vancouver, B.C.
V6C 2T5

BY

ANDREW L. WILKINS B.Sc.
and
HUGH F. MacKINNON B.Sc.

July 12, 1988 to October 30, 1988

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 $ 9000.00 .

J. V. Bremner

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

SUMMARY

This report describes exploration work performed on the WHE Mineral Claim Block located between the headwaters of the Wheaton River and Primrose Lake in the southern Yukon.

The property is underlain by Yukon Group metamorphic rocks of the Yukon Crystalline Complex, which have been intruded by granitic rocks of the Coast Plutonic Complex. These units are intruded by dykes related to the Eocene Skukum Group volcanics to the northeast and southeast. Epithermal and mesothermal veins and structures are found throughout the Skukum Group Volcanics and the potential for finding commercial precious metal deposits is good.

Exploration work consisted of predominantly stream sediment silt sampling as well as preliminary geological mapping, prospecting, and geochemical rock and talus fines sampling during the summer of 1988.

One mineralized showing has been found to date. The Cripple showing is a gossanous limonitic and wad stained quartz vein with euhedral galena mineralization. Assays of up to 3.94% lead and 2.24 ounces per ton (77.3 grams per tonne) silver have been returned from this showing.

Additional prospecting, mapping and talus fines sampling in the vicinity of the Cripple Showing is recommended. Further prospecting and talus fines sampling of the southwest end of the claim block is also recommended.

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1. INTRODUCTION

1.1 LOCATION & ACCESS

The WHE Mineral Claims are located north of the Yukon - B.C. border, between the headwaters of the Wheaton River and Primrose Lake at 60 degrees 15 minutes North latitude and 135 degrees 32 minutes West longitude (N.T.S. 105D/3 & D/4). The property is accessible by helicopter, with the nearest permanent base being Whitehorse, Y.T.. The 1988 work program was conducted from a camp established in the Wheaton River Valley, Y.T..

1.2 CLIMATE, TOPOGRAPHY & VEGETATION

The climate in this area of the Yukon is variable with hot summers, enhanced by 18 - 20 hours of daylight, and long cold winters. Precipitation is moderate (120 cm. annually) with about half falling as rain. At the higher elevations, snow remains on the north exposures well into July. The rivers and lakes are open from mid May to late October.

The topography of the WHE claims is fairly rugged with precipitous mountainsides, glacially sculptured cirques and valleys, and alpine passes. Snowfields and glaciers exist on the northern aspects of most of the ridges and mountains within the claim group. Maximum relief in the area is approximately 1445 meters (4775 ft.) with valley floors (Primrose Lake) of 1000 meters (3300 ft.) and summits up to 2445 meters (8075 ft.).

Eighty-five percent of the property is above treeline, with talus and felsenmeer covering the higher elevations, and stunted spruce, willows, alpine grasses, shrubs and wild flowers in the subalpine zone, and forests of spruce, pine, poplar, and balsam below treeline.

1.3 PROPERTY & CLAIM STATUS

The WHE property consists of 290 claims located within the Whitehorse Mining District and staked under the provisions of the Yukon Quartz Mining Act. The claims are listed in table 1 below.

TABLE 1: - CLAIM STATUS

Claim Name	Grant Numbers	Recording Date	Renewal Period	Total Claims
WHE 1-62	YB06351-412	JUL 30,1987	OCT 30,1988	62
WHE 65-128	YB06415-478	JUL 30,1987	OCT 30,1988	64
WHE 131-132	YB06481-482	JUL 30,1987	OCT 30,1988	2
WHE 135-160	YB06483-508	JUL 30,1987	OCT 30,1988	26
WHE 163-171	YB06509-517	JUL 30,1987	OCT 30,1988	9

TABLE 1: - CLAIM STATUS (CON'T)

WHE 173,175	YB06519,521	JUL 30,1987	OCT 30,1988	2
WHE 177	YB06523	JUL 30,1987	OCT 30,1988	1
WHE 172,174	**YB06518,520**	JUL 30,1987	**OCT 30,1989***	**2**
WHE 176,178	**YB06522,524**	JUL 30,1987	**OCT 30,1989***	**2**
WHE 179-206	YB06525-552	JUL 30,1987	OCT 30,1988	28
WHE 211-248	YB06555-592	JUL 30,1987	OCT 30,1988	38
WHE 249-256	**YB06593-600**	JUL 30,1987	**OCT 30,1989***	**8**
WHE 257-302	YB06601-646	JUL 30,1987	OCT 30,1988	46

* pending acceptance of this report

Only 12 of the claims have been renewed to October 30, 1989. These claims are highlighted in the above table. The other claims have been allowed to lapse as of October 30, 1988.

The claims are shown on Claim Sheets 105D/3 and 105D/4. All the claims are 100% owned by Skukum Gold Inc. of Vancouver, B.C..

1.4 PREVIOUS WORK HISTORY

The Geological Survey of Canada conducted a regional geochemical stream sediment survey in 1985 (G.S.C.,1985) and sampled 13 of the creeks draining the WHE claim area. None of the samples were anomalous in copper, lead, zinc, arsenic, antimony, silver or gold.

No other record of exploration work has been recorded on the WHE claim block.

Since the early 1980's there has been exploration work conducted on numerous properties located in the vicinity of the WHE claims, since the discovery and development of **TOTAL ERICKSON's MOUNT SKUKUM MINE** (Au, Ag), and **OMNI RESOURCES'** and **SKUKUM GOLD's** opening **SKUKUM CREEK MINE** (Au, Ag, Pb, Zn, Cu). Numerous important epithermal and mesothermal style gold-silver-copper-lead-zinc-arsenic-antimony showings exist in the Mount Skukum Volcanic Complex, including the above two mines, **BERGLYNN RESOURCES'** and **SKUKUM GOLD's** recent **GODDELL GULLY** gold discovery, and the **BECKER-COCHRAN** antimony deposit.

Skukum Gold and several other companies are conducting exploration work throughout the Wheaton and Watson River areas.

1.5 1988 WORK PROGRAM

The WHE claims were staked because Landstat remote sensing photo interpretation implied that the Bernie Creek fault system, which is the host for the Skukum Creek deposit, ran through the claim area.

135°30'

135°00'

134°30'

60°15'

Fish Lake

To Whitehorse 15 Km

Marsh Lake

McConnell Lake

Alligator Lake

River

Watson

MT. HODNETT

Annie Lake

Wilson Hwy

GOLD HILL

River

SKUKUM CREEK MINE

MT. SKUKUM

CARBON HILL

Wheaton

MT. WARD

Primrose Lake

WHE CLAIMS

West Arm

Partridge R.

Bennett Lake

River

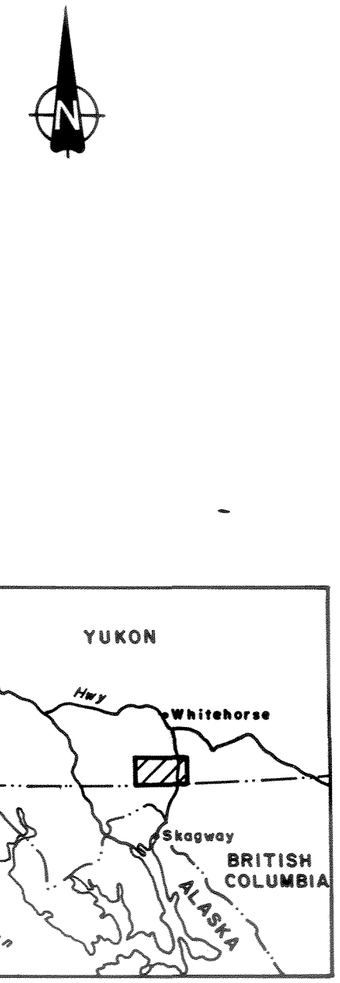
Craig Lake

Carcross

Tagish Lake

MONTANA MTN.

Windy Arm



LOCATION MAP

SCALE : 1: 250,000

4 2 0 4 8 12 16

Km

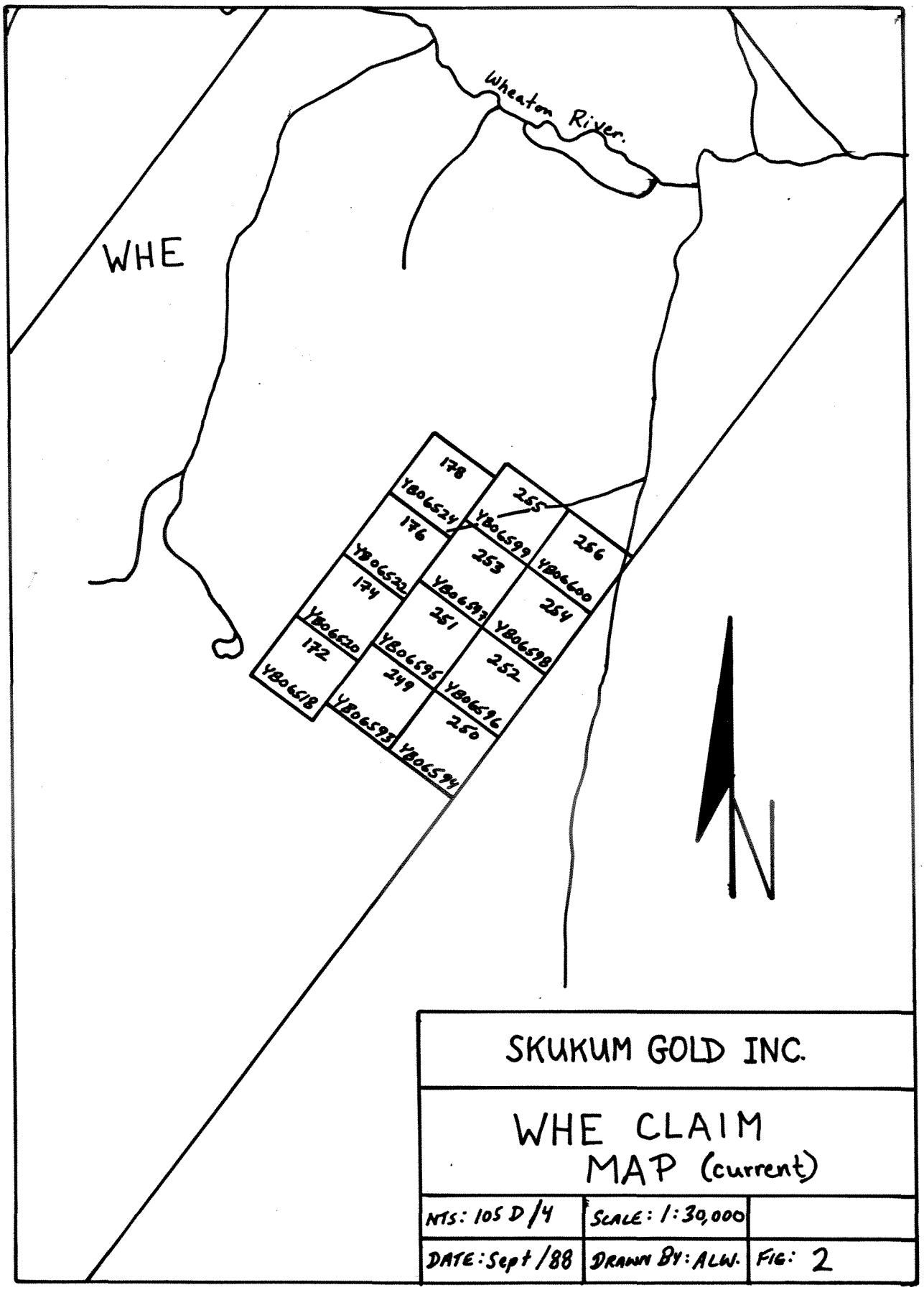
SKUKUM GOLD INC.

WHE CLAIMS

WHITEHORSE MINING DIVISION — YUKON TERRITORY

LOCATION MAP

N.T.S. 105D3	FIGURE No. 1
DRAWN BY : A.L.W., H.F.M., T.M.	DATE : MARCH 1989



SKUKUM GOLD INC.

WHE CLAIM MAP (current)

NTS: 105 D/4	SCALE: 1:30,000	
DATE: Sept/88	DRAWN BY: ALW.	FIG: 2

A preliminary exploration program was carried out by a four person crew intermittently between July 12 and July 23, 1988. The Skukum Creek Mining Camp in the Wheaton River Valley was used as a base and a Hughes 500D helicopter was used for access to the property.

Exploration consisted of predominantly stream sediment silt sampling and prospecting as well as minor preliminary mapping, rock sampling and talus fines sampling.

The 1988 work program was conducted by the following Skukum Gold Inc. personnel:

Andrew Wilkins B.Sc. .....Project Geologist
Hugh MacKinnon B.Sc. .....Geologist
Pat Varas B.Sc. .....Geologist
Erik Bergvinson .....Geological Assistant
Allan Ferguson .....Geological Assistant
Martin Rhodes .....Geological Assistant (Student)

2. GEOLOGY

2.1 REGIONAL GEOLOGY

The regional tectonic setting is presented in Figure 3.

The WHE Claims lie on the eastern edge of the Nisling Terrane, near the boundary with folded Mesozoic volcanic and sedimentary rocks of the Whitehorse Trough to the east. The Nisling Terrane is composed of rocks of the Proterozoic to Permian Yukon Crystalline Terrane and the Triassic to Tertiary Coast Plutonic Complex.

Lower Tertiary volcanics of the Skukum Group unconformably overlie the granitic rocks of the Coast Plutonic Complex and the discontinuous roof pendants of schists, gneisses, marbles and quartzites of the Yukon Group. The Skukum Group of Eocene age, is the northernmost part of the Sloko volcanic province and outcrops in two distinct areas, the Mount Skukum Volcanic Complex and the Bennett Lake Cauldron Subsidence Complex. Both complexes are made up of predominantly felsic to andesitic tuffs and flows and related epiclastics.

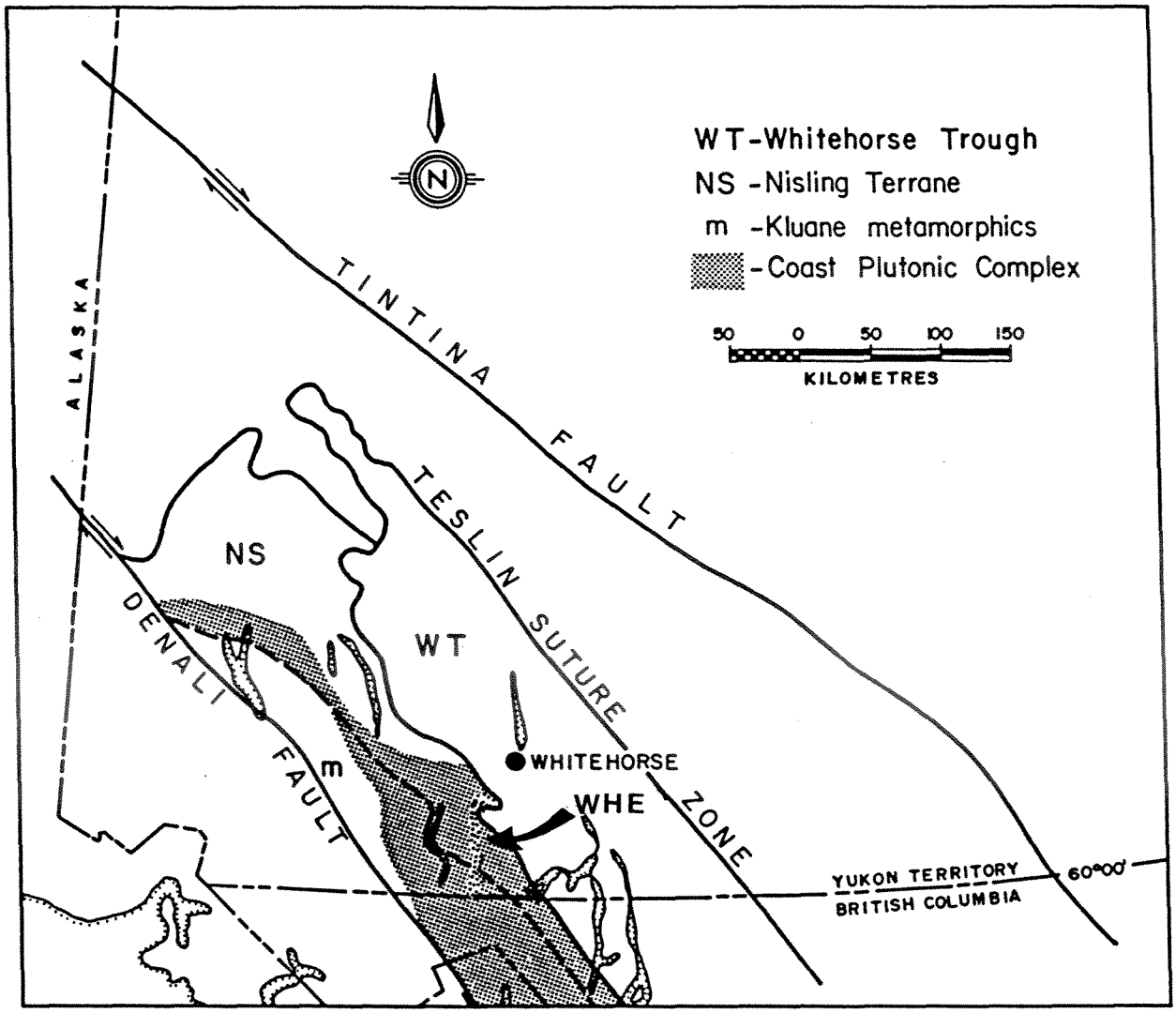
Rhyolite dykes cross-cut all the above units and are considered to be the latest phase of Eocene volcanism.

2.2 PROPERTY GEOLOGY

Limited geological mapping was performed in the vicinity of the Cripple Showing and is presented in Map 3.

The WHE claims are underlain by Cretaceous grey, medium to coarse grained, hornblende $\pm$ biotite granodiorite (Kgd) of the Coast Mountain Plutonic Complex, as well as roof pendants

FIGURE 3: - REGIONAL TECTONIC SETTING.



of Proterozoic to Permian dark grey, sometimes gossanous quartz-feldspar-biotite-muscovite gneisses, schists and quartzites of the Yukon Group (HCsn). The Yukon Group and Coast Mountain Plutonic Complex have been intruded by Eocene rhyolitic (Erd) to dacitic dykes (Edd) related to the Skukum Group Volcanics.

TABLE 2: - TABLE OF FORMATIONS

QUATERNARY
PLEISTOCENE AND RECENT

Q.....Glacial drift and alluvium.

Unconformity

TERTIARY

EOCENE
SKUKUM GROUP

Erd,dd.....Rhyolite dyke or dacite dyke.

Intrusive contact

CRETACEOUS

COAST PLUTONIC COMPLEX

Kgd.....Granodiorite.

Intrusive contact

PALEOZOIC AND OLDER

YUKON GROUP

HCsn.....Quartz-feldspar-biotite-muscovite gneiss and schist.

3. GEOCHEMISTRY

3.1 INTRODUCTION

Stream sediment silt samples were collected from streams on the property at 300 meter intervals where possible. As well, talus fines were collected along the base of the slope north of the Wheaton River and in the vicinity of the Cripple Showing at 50 meter spacings between samples. Rock samples were collected from interesting looking lithologies at the Cripple Showing. A total of 87 silt samples, 94 talus fines samples and 6 rock samples were collected.

Sample locations are presented in Map 1.

3.2 SAMPLE PREPARATION AND ANALYTICAL PROCEDURE

Talus fines and silt samples were collected in KRAFT gussetted paper bags and sent to ACME ANALYTICAL LABS of Vancouver B.C.. At ACME, samples were oven dried at approximately 60 degrees Celsius and sieved to minus 80 mesh. Rock samples were collected in plastic bags and also sent to ACME. Samples were then crushed down to minus 3/16 of an inch, and then a 1/2 pound of the sample is pulverized to minus 100 mesh. A 0.5 gram sample of the minus 80 fraction of all samples was digested in hot, dilute aqua regia in a boiling water bath and then diluted to 10 ml. with distilled water. Silt and talus fines samples were analyzed for copper, lead, zinc, arsenic and silver using the Induced Coupled Plasma (ICP) technique. Rock samples were analyzed for 30 elements using the ICP technique. In addition, gold was analyzed for all samples from a 10 gram fraction by the conventional Atomic Absorption (AA) technique. Two select rock sample were assayed for silver and lead using conventional assay methods.

3.3 STREAM SEDIMENT GEOCHEMISTRY

Stream sediment silt sample results were compared with results from the GSC regional stream sediment geochemistry program in 1985. Anomalous values were determined visually and are outlined in Table 3 below.

TABLE 3: - STREAM SEDIMENT ANOMALOUS DIVISIONS

Element	Anomaly
Copper	>50 ppm
Lead	>30 ppm
Zinc	>150 ppm
Arsenic	>25 ppm
Silver	>0.5 ppm
Gold	>10 ppb

Anomalous samples are presented in Map 2.

Northeast of the Wheaton River, there are no anomalous silt samples.

At the headwaters of the creek draining north into the Wheaton River is a cluster of four samples anomalous in lead plus or minus copper and/or zinc. There are also two isolated weak silver anomalies in the same drainage.

No samples were taken in the vicinity of the Cripple Showing.

In the creeks located in the southwest portion of the claims

above Primrose Lake are numerous anomalous samples. Five of the creeks had multiple samples taken at 300 meter intervals while the three westerly creeks had single samples taken. Starting from the west and working east, the second creek is anomalous in silver and the third creek is anomalous in zinc and silver (both single samples). The forth creek is anomalous in silver (all three samples). The fifth creek is anomalous in silver (all nine samples) and one of the samples is also anomalous in lead and zinc. The sixth creek contains 13 out of 18 samples that are anomalous in lead and/or zinc and/or silver. The seventh creek contains three samples out of seven that are anomalous in lead or zinc or silver. The last creek contains one sample out of five that is anomalous in silver.

3.4 MINERALIZATION & ROCK GEOCHEMISTRY

Rock sample descriptions are presented in Appendix 1.

TABLE 4: - ANOMALOUS ROCK SAMPLES

Sample #	copper ppm	lead ppm	silver ppm	gold ppb	tungsten ppm
5F-5F1	605		0.6	57	368
CRIPPLE SHOWING					
5F-5F2		129	2.8	63	
5F-5F3		8230	2.12 oz/ton	8	
5F-5R1		1255	1.9	4	
5F-5R2		3.94%	2.24 oz/ton	27	
5F-5R3		7900	12.4	24	

To date one mineral occurrence has been found on the property.

The Cripple Showing is located in the central-east portion of the claims and consists of a gossanous limonite and wad stained bull white to sugary, vuggy quartz vein up to 0.4 meters wide and traceable for around 150 meters. Euhedral galena crystals up to 2mm in size occur in the vein. The vein occurs within gneisses and schists of the Yukon Group close to the contact with granodiorite of the Coast Plutonic Complex. All five samples taken from the zone are anomalous in lead ($\leq$3.94%) and silver ($\leq$2.24 oz/ton).

Five hundred meters north of the Cripple Showing is a zone of rusty orange, vuggy quartz vein stringers in light green quartz-amphibole gneiss. The one sample taken from this zone

is anomalous in copper (605 ppm) and tungsten (368 ppm).

The Cripple Showing and vicinity is presented in Map 3.

3.5 TALUS FINES GEOCHEMISTRY

3.5.1 TREATMENT AND PRESENTATION OF RESULTS

For the determination of anomalies, all the talus fines geochemical data from the WHE claims was combined with other geochemical data from Skukum Gold Inc.'s 1988 sampling programs on the SIN and BERG claims, which are in the vicinity of the WHE claims and have similar geology. Graphical statistical methods were used to separate background from anomalous metal concentration. A lognormal distribution was found to best represent the data. Threshold values and anomalous values were determined at the anti-log mean plus two anti-log standard deviations (x+2s) and the anti-log mean plus three anti-log standard deviations (x+3s) respectively. Anomalous sample divisions are presented in Table 5 below. Statistical summaries and histograms are presented in Appendix 3.

TABLE 5: - STATISTICAL SUMMARY OF ANOMALIES

Mean (x) talus fines	Threshold x+2s	Anomalous x+3s	Strongly Anomalous x+4s
Cu 22 ppm	130-183 ppm	184-237 ppm	+238 ppm
Pb 21 ppm	105-145 ppm	146-187 ppm	+188 ppm
Zn 102 ppm	394-538 ppm	539-684 ppm	+685 ppm
As 4 ppm	18-25 ppm	26-32 ppm	+ 33 ppm
Ag 0.2 ppm	0.8-1.0 ppm	1.1-1.3 ppm	+1.4 ppm
Au 2 ppb	14-19 ppb	20-25 ppb	+ 26 ppb

3.5.2 TALUS FINES RESULTS

Talus fines anomalies are presented in Map 2.

The talus fines sampling along the base of the slope northeast of the Wheaton River has one spot gold anomaly (20 ppb) and one spot lead anomaly (149 ppm) out of 60 samples taken.

In the vicinity of the Cripple Showing, the talus fines sampling failed to pick up the zone, however one sample taken by the anomalous copper and tungsten rock sample is possibly anomalous in copper (114 ppm).

The three samples taken on the southwest portion of the claims above Primrose Lake are all anomalous in silver and

one of the samples is also anomalous in lead and zinc. These three samples are taken in the vicinity of the multi-anomalous stream sediment silt samples.

4. CONCLUSIONS AND RECOMMENDATIONS

Stream sediment silt sampling and geological prospecting as well as minor talus fines geochemistry and preliminary mapping was the focus of exploration activity on the WHE group of mineral claims during the summer of 1988.

The property is underlain by Yukon Group metamorphic rocks of the Yukon Crystalline Complex, which have been intruded by granitic rocks of the Coast Plutonic Complex. These units are intruded by dykes related to the Eocene Skukum Group volcanics to the northeast and southeast. Epithermal and mesothermal veins and structures are found throughout the Skukum Group Volcanics and the potential for finding commercial precious metal deposits is good.

The Cripple Showing is located in the central-east portion of the claims and contains galena mineralization within a gossanous limonite and wad stained quartz vein up to 0.4 meters wide with assays of up to 2.24 ounces per ton (77.3 gm./tonne) silver and 3.94% lead.

The northeast portion of the claim block is rather uninteresting however the southwest portion of the claims above Primrose Lake contains numerous creeks that are weakly anomalous in silver as well as lead and zinc.

Prospecting and talus fines sampling should be performed in the southwest portion of the claims in an attempt to explain the silver-lead-zinc anomalies in this area.

Additional prospecting, mapping and talus fines sampling in the vicinity of the Cripple Showing is also recommended.

5. REFERENCES

Doherty, R.A. & Hart, C.J.R., 1988. Preliminary Geology of Fenwick Creek (105D/3) and Alligator Lake (105D/6) Map Areas; Department of Indian and Northern Affairs Canada; Open File 1988-2 & 1:50,000 scale maps.

G.S.C., 1985. Stream Sediment and Water Geochemical Survey Southern Yukon Territory; Geological Survey of Canada; Open File 1218 (105/D).

Lambert, M.B., 1974 The Bennett Lake Cauldron Subsidence Complex, British Columbia and Yukon Territory; G.S.C. Bulletin 227, 213pp. With 1:25,000 map.

Pride, M.J., 1985a. Interlayered sedimentary-volcanic sequence Mount Skukum Volcanic Complex; Department of Indian and Northern Affairs Canada; Yukon Exploration and Geology, 1985, p. 94-104.

Pride, M.J., 1985b. Preliminary Geological Map of the Mount Skukum Volcanic Complex, 105 D/2,3,4,5; Department of Indian and Northern Affairs Canada; Open File, 1:25,000 scale map.

Pride, M.J., 1986. Description of the Mount Skukum Volcanic Complex, Southern Yukon; Department of Indian and Northern Affairs Canada; Yukon Geology, Volume 1, p. 148-160

Smith, M.J., 1983. The Skukum Volcanic Complex, 105D SW, Geology and comparison of the Bennett Lake Cauldron Complex; Department of Indian and Northern Affairs Canada; Yukon Exploration and Geology, 1982, p. 68-72.

Wheeler, J.O., 1961. Whitehorse Map Area, Yukon Territory, 105D; Geological Survey of Canada; Memoir 312.

6. STATEMENT OF EXPENDITURES

Salaries and Camp Costs:		
Project Geologist:	5 days @ 265. per day.	$1325.00
Geologist:	2 days @ 220. per day.	$ 440.00
Geologist:	4 days @ 175. per day.	$ 700.00
Field Assistants:	10 days @ 110. per day.	$1100.00
Room and Board:	20 days @ 50. per day.	$1000.00
Truck Rental:		
5 days @ $60. per day.		$ 300.00
Analytical Costs:		
Talus Fines:	94 @ $ 9.85 per sample.	$ 925.90
Silt Samples:	87 @ $ 9.85 per sample.	$ 856.95
Rock Samples:	6 @ $13.75 per sample.	$ 82.50
Rock Samples (Assays):		$ 21.00
Shipping Costs:		$ 150.00
Helicopter Costs:		
Hughes 500D:		$2849.20
Drafting Costs:		$ 100.00
Miscellaneous Costs:		$ 300.00
TOTAL EXPLORATION COSTS:		**$10,150.55**

7. STATEMENT OF QUALIFICATIONS

I, Andrew L. Wilkins, of #314 - 1860 West 2nd. Avenue, Vancouver, B.C., certify that:

1) I am a graduate of the University of British Columbia with a B.Sc. degree in the geological sciences (1981).

2) I have been engaged in the mining exploration industry in British Columbia and the Yukon since 1978.

3) I was the project geologist for Skukum Gold Inc.'s WHE claims program.

4) I was involved with the work performed on the WHE Claims in the summer of 1988 and am co-author of this report.

Dated this twenty-ninth day of January, 1989.

Andrew L. Wilkins B.Sc.

I, Hugh Francis MacKinnon of P.O. Box 1785, Rossland, B.C., hereby certify that:

1) I obtained a Bachelor of Science Degree with Honours in Geology from Carleton University, Ottawa, Ontario, in 1986;

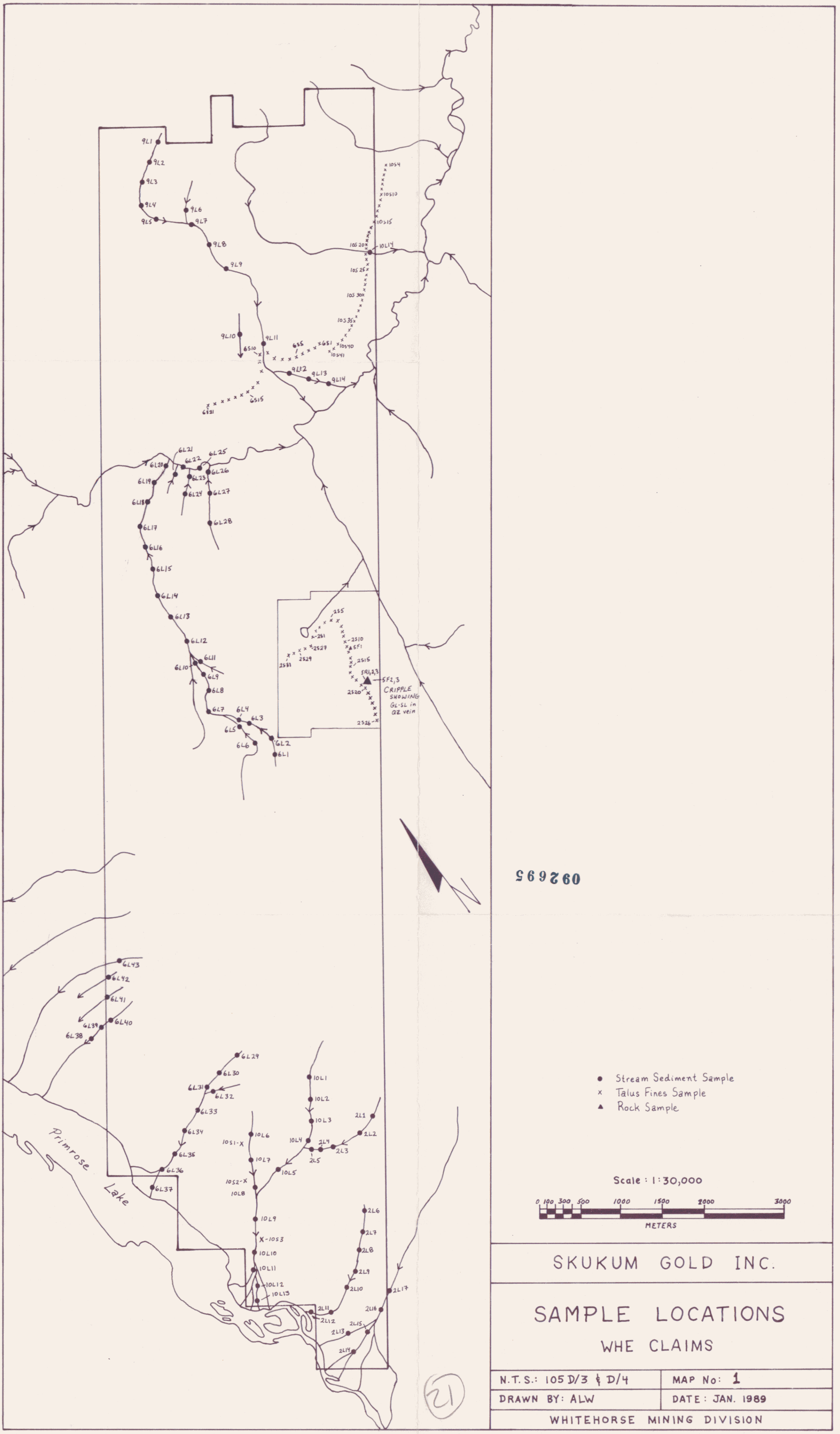
2) I have been engaged in mineral exploration since 1980 in Ontario, Saskatchewan, The Northwest Territories, British Columbia and The Yukon Territory.

3) I was involved in the work performed on the WHE Claims in 1988, and am co-author of this report.

Dated this twenty-ninth day of January, 1989.

_____

Hugh F. MacKinnon, B.Sc.



092695

- Stream Sediment Sample
- x Talus Fines Sample
- ▲ Rock Sample

Scale : 1:30,000

0 100 300 500 1000 1500 2000 3000

METERS

SKUKUM GOLD INC.

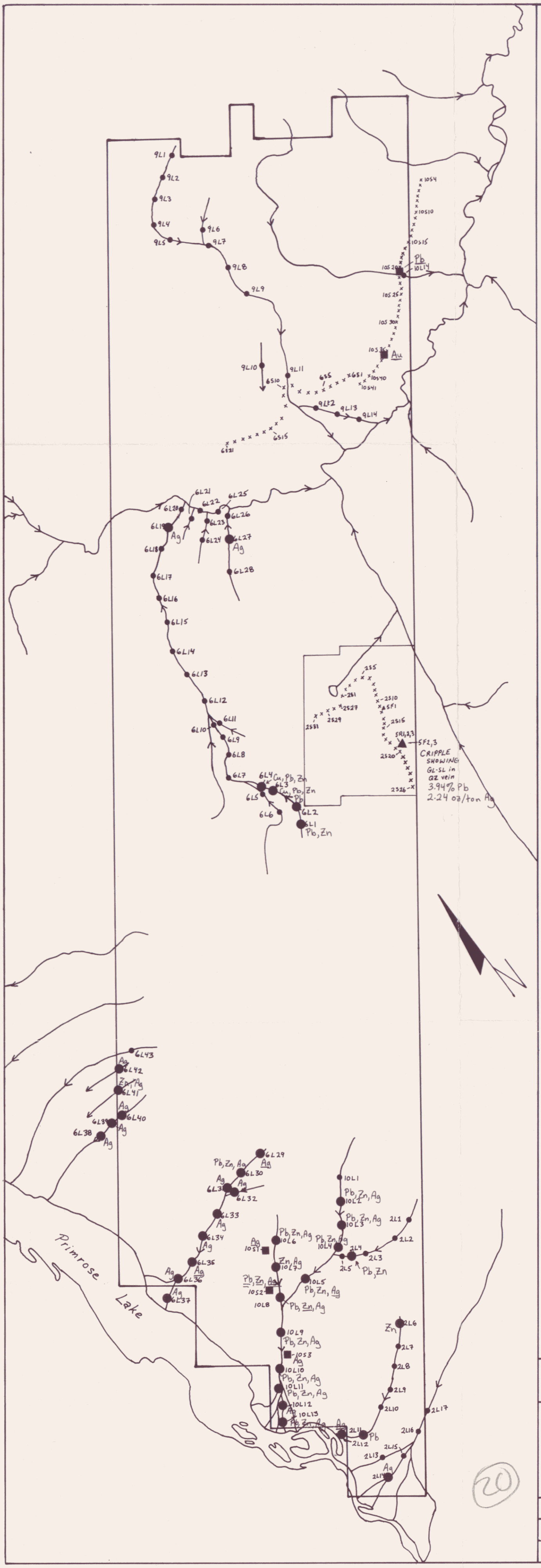
SAMPLE LOCATIONS

WHE CLAIMS

N.T.S.: 105 D/3 & D/4	MAP No: 1
DRAWN BY: ALW	DATE: JAN. 1989

WHITEHORSE MINING DIVISION

21



- Anomalous silt sample

	Strongly Anomalous
≥ 50 ppm Cu	
≥ 30 ppm Pb	
≥ 150 ppm Zn	≥ 300 ppm Zn
≥ 0.5 ppm Ag	≥ 1.0 ppm Ag

- Anomalous talus fines sample

	Threshold	Anomalous	Strongly Anomalous
Lead	105-145 ppm	146-187 ppm	≥ 188 ppm
Zinc	394-538 ppm	539-684 ppm	
Silver	0.8-1.0 ppm	1.1-1.3 ppm	≥ 1.4 ppm
Gold	14-19 ppb	20-25 ppb	

- Mineralized Zone

092695

- Stream Sediment Sample
- x Talus Fines Sample
- Rock Sample

Scale : 1:30,000

0 100 300 500 1000 1500 2000 3000
METERS

SKUKUM GOLD INC.

ANOMALOUS GEOCHEMISTRY
WHE CLAIMS

N.T.S.: 105 D/3 & D/4	MAP No: 2
DRAWN BY: ALW	DATE: JAN. 1989
WHITEHORSE MINING DIVISION	

area of current WHE claims

original claim boundary

The Cripple Showing
qz vein, gl, sl

6L12
6L10
6L11
6L9

K_{gd} ... Grandodiorite - medium to coarse grained, equigranular, grey, hornblende ± biotite granodiorite

PE_{sn} ... Quartz-feldspar-biotite-muscovite Schist Gneiss and Quartzite - dark grey, sometimes gossanous

LEGEND

CRETACEOUS

COAST PLUTONIC COMPLEX

PALEOZOIC

YUKON CRYSTALINE COMPLEX

- contact
- alteration zone
- attitude of foliation
- ▲ rock sample
- ● silt sample
- ■ talus fines sample

ABBREVIATIONS

gl - galena
sl - sphalerite
qz - quartz

100 foot contour interval

Scale : 1:10,000

0 100 200 300 400 500 750 1000
meters

SKUKUM GOLD INC.

CRIPPLE SHOWING
WHE CLAIMS

N.T.S.: 105D/3 & D/4	MAP No: 3
DRAWN BY: ALW	DATE: JAN. 1989

WHITEHORSE MINING DIVISION

(22)

092695

APPENDIX 1: - SAMPLE DESCRIPTIONS

SKUKUM GOLD INC. - SAMPLE DESCRIPTIONS

PROJECT: WHE CLAIMS
SAMPLER: HUGH F. MacKINNON

SAMPLE NUMBER	DATE	LOCATION	SAMPLE DESCRIPTIONS
5F-5F1	July 23/88	East portion of Claims - South of the Wheaton River	Rusty orange, vuggy quartz stringers and sweats in a light green, quartz-amphibole gneiss trace pyrite
5F-5R1	"	Cripple Showing elv 5360'.	Rusty orange weathered quartz vein with 1% galena and wad. Chip sample across 40cm. of exposed vein. Brittle to massive quartz
5F-5R2	"	"	Rusty orange quartz vein with trace to 4% galena. Bull to vuggy and brittle quartz.
5F-5F2	"	" elv 5290'	Rusty brittle quartz veins with wad filled (cerussite?) vugs.
5F-5R3	"	"	Rusty, brittle to sugary quartz vein with minor wad and limonitic vugs. Trace to 1% galena
5F-5F3	"	" elv 5220'	Brittle quartz vein with trace to 1% euhedral galena up to 2mm.

APPENDIX 2: - ANALYTICAL RESULTS

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

DATE RECEIVED: AUG 2 1988
DATE REPORT MAILED: Aug. 8/88

GEOCHEMICAL ANALYSIS CERTIFICATE

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: P1-P3 SOIL P4 SILT AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

ASSAYER: C. Leong. D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

SKUKUM GOLD INC. PROJECT 5F FILE # 88-3168 Page 1

WHE CLAIMS.

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
88-5F-2S-1	43	8	80	.1	2	1
88-5F-2S-2	43	7	79	.1	2	1
88-5F-2S-3	44	9	87	.1	2	2
88-5F-2S-4	70	12	134	.2	3	1
88-5F-2S-5	42	18	116	.1	2	1
88-5F-2S-6	48	18	134	.2	2	2
88-5F-2S-7	43	17	149	.3	2	2
88-5F-2S-8	30	8	86	.3	2	1
88-5F-2S-9	42	18	128	.1	2	1
88-5F-2S-10	47	14	118	.2	7	5
88-5F-2S-11	38	21	91	.4	2	1
88-5F-2S-12	114	16	129	.2	2	1
88-5F-2S-13	74	10	102	.3	2	1
88-5F-2S-14	80	47	99	.3	2	1
88-5F-2S-15	49	14	117	.3	2	2
88-5F-2S-16	74	31	115	.3	2	1
88-5F-2S-17	63	26	115	.3	2	3
88-5F-2S-18	33	9	94	.3	2	1
88-5F-2S-19	22	12	114	.1	2	2
88-5F-2S-20	5	26	38	.2	2	1
88-5F-2S-21	27	15	132	.1	2	2
88-5F-2S-22	30	10	127	.3	2	1
88-5F-2S-23	26	15	117	.2	2	2
88-5F-2S-24	32	16	107	.1	2	1
88-5F-2S-25	51	17	100	.2	2	1
88-5F-2S-26	24	18	125	.2	2	1
88-5F-2S-27	55	7	84	.1	2	1
88-5F-2S-28	41	14	106	.2	2	1
88-5F-2S-29	39	12	93	.1	2	2
88-5F-2S-30	64	4	77	.2	2	2
88-5F-2S-31	34	9	64	.2	2	2
88-5F-6S-1	9	20	128	.4	2	1
88-5F-6S-2	9	21	181	.1	2	1
88-5F-6S-3	6	17	109	.3	2	1
88-5F-6S-4	4	21	126	.3	2	2
88-5F-6S-5	6	27	117	.2	2	1
STD C/AU-S	58	43	132	6.9	43	50

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
88-5F-6S-6	7	7	115	.2	2	1
88-5F-6S-7	5	18	170	.2	2	1
88-5F-6S-8	2	14	81	.1	2	1
88-5F-6S-9	5	12	158	.2	2	1
88-5F-6S-10	3	14	88	.1	2	1
88-5F-6S-11	6	13	97	.1	2	1
88-5F-6S-12	7	17	157	.1	2	1
88-5F-6S-13	4	12	83	.1	2	1
88-5F-6S-14	6	17	117	.1	2	1
88-5F-6S-15	6	13	128	.1	2	1
88-5F-6S-16	5	11	152	.1	2	1
88-5F-6S-17	8	18	143	.1	2	2
88-5F-6S-18	4	8	72	.1	2	1
88-5F-6S-19	9	14	106	.1	2	1
88-5F-6S-20	6	9	74	.1	2	1
88-5F-6S-21	5	7	72	.2	2	1
88-5F-10S-4	4	19	112	.1	2	1
88-5F-10S-5	3	18	152	.1	2	2
88-5F-10S-6	4	15	126	.1	2	1
88-5F-10S-7	4	18	135	.3	3	3
88-5F-10S-8	7	11	163	.1	2	1
88-5F-10S-9	5	37	146	.2	3	1
88-5F-10S-10	7	19	147	.2	2	1
88-5F-10S-11	6	25	137	.4	2	1
88-5F-10S-12	6	18	127	.2	3	1
88-5F-10S-13	8	24	150	.1	3	1
88-5F-10S-14	5	22	131	.2	2	2
88-5F-10S-15	10	14	149	.1	2	1
88-5F-10S-16	11	20	139	.2	2	1
88-5F-10S-17	8	21	147	.1	2	1
88-5F-10S-18	10	14	151	.3	2	1
88-5F-10S-19	13	20	186	.2	3	1
88-5F-10S-20	6	19	96	.2	2	1
88-5F-10S-21	8	149	164	.2	6	6
88-5F-10S-22	4	8	74	.1	2	1
88-5F-10S-23	8	13	152	.2	2	1
STD C/AU-S	59	38	132	6.7	40	52

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
88-5F-10S-24	10	15	170	.1	2	1
88-5F-10S-25	9	27	128	.2	3	1
88-5F-10S-26	6	15	147	.1	2	1
88-5F-10S-27	6	18	123	.1	3	2
88-5F-10S-28	7	23	153	.1	2	1
88-5F-10S-29	8	26	116	.2	2	1
88-5F-10S-30	6	10	47	.1	2	1
88-5F-10S-31	5	28	141	.1	2	1
88-5F-10S-32	5	21	132	.1	2	7
88-5F-10S-33	4	15	64	.1	2	1
88-5F-10S-34	7	32	139	.3	4	1
88-5F-10S-35	7	29	122	.2	3	3
88-5F-10S-36	5	26	102	.3	3	20
88-5F-10S-37	5	24	133	.1	3	1
88-5F-10S-38	7	29	168	.1	2	1
88-5F-10S-39	4	17	102	.1	2	1
88-5F-10S-40	7	7	66	.1	2	1
88-5F-10S-41	1	4	53	.1	2	1
88-5F-10S-42	2	3	53	.1	2	1
STD C/AU-S	61	43	132	7.1	42	51

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
88-5F-10L-14	3	11	98	.1	2	2

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716 DATE RECEIVED: JUL 25 1988
DATE REPORT MAILED: July 30/88.

GEOCHEMICAL ANALYSIS CERTIFICATE

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: P1 SOIL P2-P4 SILT. AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

ASSAYER: C. Leong. D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

SKUKUM GOLD INC. PROJECT 5F FILE # 88-2945 Page 1
WHE CLAIMS.

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
88-5F-10S-01	5	31	202	1.1	9	1
88-5F-10S-02	3	305	676	1.5	2	2
88-5F-10S-03	3	22	225	1.0	2	1

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
88-5F-2L-1	1	13	103	.1	2	1
88-5F-2L-2	2	15	108	.1	3	1
88-5F-2L-3	6	11	90	.2	4	1
88-5F-2L-4	5	40	187	.3	14	1
88-5F-2L-5	4	19	121	.1	8	1
88-5F-2L-6	4	25	153	.1	8	1
88-5F-2L-7	2	13	60	.1	4	1
88-5F-2L-8	3	18	93	.1	2	1
88-5F-2L-9	2	16	74	.1	3	2
88-5F-2L-10	3	19	94	.1	5	1
88-5F-2L-11	4	35	114	.3	2	1
88-5F-2L-12	2	14	89	1.0	2	1
88-5F-2L-13	3	22	79	.2	2	1
88-5F-2L-14	4	27	147	.7	5	1
88-5F-2L-15	2	17	92	.6	2	1
88-5F-2L-16	3	21	143	.3	6	1
88-5F-2L-17	2	13	74	.1	2	1
88-5F-6L-1	43	34	178	.3	4	7
88-5F-6L-2	48	35	127	.3	8	1
88-5F-6L-3	54	32	153	.4	9	1
88-5F-6L-4	59	35	177	.2	8	1
88-5F-6L-5	14	8	62	.1	2	1
88-5F-6L-6	10	13	87	.1	3	1
88-5F-6L-7	10	9	60	.1	2	1
88-5F-6L-8	16	11	69	.1	4	2
88-5F-6L-9	21	15	92	.3	6	1
88-5F-6L-10	21	15	78	.2	5	2
88-5F-6L-11	2	10	72	.1	3	1
88-5F-6L-12	16	14	85	.2	3	1
88-5F-6L-13	17	15	86	.1	2	3
88-5F-6L-14	9	15	82	.1	2	1
88-5F-6L-15	10	13	84	.2	2	1
88-5F-6L-16	9	12	67	.1	2	1
88-5F-6L-17	10	14	73	.1	2	1
88-5F-6L-18	8	14	78	.2	3	1
88-5F-6L-19	8	15	73	.6	2	1
STD C/AU-S	58	42	132	6.9	40	52

SKUKUM GOLD INC. PROJECT 5F FILE # 88-2945 Page 3

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
88-5F-6L-20	4	8	81	.1	2	1
88-5F-6L-21	12	12	114	.3	3	2
88-5F-6L-22	8	9	68	.1	2	1
88-5F-6L-23	8	10	92	.2	6	2
88-5F-6L-24	7	9	65	.2	2	1
88-5F-6L-25	6	5	56	.1	2	1
88-5F-6L-26	1	9	64	.1	2	1
88-5F-6L-27	3	9	77	.6	4	1
88-5F-6L-28	3	11	78	.1	2	1
88-5F-6L-29	5	24	134	1.1	2	1
88-5F-6L-30	7	48	163	.8	2	2
88-5F-6L-31	3	22	126	.6	2	1
88-5F-6L-32	7	26	135	.7	6	1
88-5F-6L-33	5	23	128	.6	2	1
88-5F-6L-34	5	21	120	.8	2	1
88-5F-6L-35	4	27	125	1.2	2	1
88-5F-6L-36	4	19	112	.8	2	1
88-5F-6L-37	4	18	110	.8	6	1
88-5F-6L-38	6	25	111	.6	2	5
88-5F-6L-39	6	25	114	.6	2	1
88-5F-6L-40	6	24	115	.6	4	1
88-5F-6L-41	7	23	180	.6	2	1
88-5F-6L-42	8	20	105	.8	4	1
88-5F-6L-43	7	13	116	.4	2	1
88-5F-9L-1	11	14	100	.3	6	1
88-5F-9L-2	8	14	88	.1	3	1
88-5F-9L-3	5	14	84	.1	3	1
88-5F-9L-4	6	14	84	.1	4	1
88-5F-9L-5	6	14	92	.1	6	1
88-5F-9L-6	2	10	85	.1	3	2
88-5F-9L-7	5	12	80	.1	2	1
88-5F-9L-8	5	11	78	.1	3	1
88-5F-9L-9	5	11	77	.2	2	1
88-5F-9L-10	5	8	98	.4	2	1
88-5F-9L-11	4	12	76	.1	2	1
88-5F-9L-12	4	12	92	.3	2	1
STD C/AU-S	57	38	132	7.1	38	53

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
88-5F-9L-13	3	13	84	.1	4	1
88-5F-9L-14	3	12	86	.1	5	1
88-5F-10L-02	6	39	175	.7	3	1
88-5F-10L-03	5	35	171	.6	6	2
88-5F-10L-04	6	40	171	.7	6	1
88-5F-10L-05	5	38	179	1.0	11	1
88-5F-10L-06	19	50	251	.8	10	1
88-5F-10L-07	10	25	202	.6	7	2
88-5F-10L-08	10	37	330	.9	6	1
88-5F-10L-09	5	34	163	.7	7	1
88-5F-10L-10	5	30	168	.6	9	1
88-5F-10L-11	4	32	165	.9	8	1
88-5F-10L-12	4	29	147	.5	6	2
88-5F-10L-13	5	30	177	.6	9	1
STD C/AU-S	58	38	132	7.1	40	48

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

DATE RECEIVED: NOV 8 1988

DATE REPORT MAILED: Nov. 18/88.

ASSAY CERTIFICATE

- SAMPLE TYPE: Pulp AU** AND AG** BY FIRE ASSAY FROM 1 A.T.

SIGNED BY. C. Leong. D.TOYE, C.LEONG, B.CHAN, J.WANG; CERTIFIED B.C. ASSAYERS

SKUKUM GOLD INC. PROJECT 5F FILE # 88-3188R

SAMPLE#	Pb %	Ag** OZ/T	Au** OZ/T
88-5F-5F3	-	2.12	-
88-5F-5R2	3.94	2.24	-
88-5F-10R6	-	-	.118

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

GEOCHEMICAL ANALYSIS CERTIFICATE

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: ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: AUG 2 1988 DATE REPORT MAILED: Aug 8/88 ASSAYER. C. Leong .D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

SKUKUM GOLD INC. PROJECT 5F File # 88-3188 WHE Claims ✓

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	Au* PPB
88-5F-5F1	3	605	2	95	.6	7	5	227	1.69	2	5	ND	5	62	1	3	25	11	2.10	.057	13	11	.07	26	.10	2	1.96	.03	.05	368	57
88-5F-5F2	7	13	129	10	2.8	1	1	50	.93	4	5	ND	1	1	1	2	3	3	.01	.001	2	2	.01	1	.01	2	.02	.01	.01	3	63
88-5F-5F3	2	24	8230	64	99.2 ✓	1	1	43	.66	2	5	ND	1	2	2	2	61	1	.02	.002	2	1	.01	2	.01	2	.04	.01	.01	3	8
88-5F-5R1	5	38	1255	40	1.9	3	1	46	2.41	2	5	ND	1	9	2	2	2	7	.02	.008	2	3	.02	8	.01	2	.07	.01	.02	1	4
88-5F-5R2	12	110	16744 ✓	52	101.8 ✓	1	1	100	1.18	21	5	ND	1	12	3	4	110	3	.01	.002	2	2	.01	13	.01	2	.03	.01	.01	1	27
88-5F-5R3	8	28	7900	43	12.4	1	1	35	1.02	2	5	ND	1	3	1	2	5	2	.01	.002	2	2	.01	15	.01	2	.02	.01	.01	1	24
88-5F-10R1	1	8	252	41	.5	12	3	1696	5.03	719	5	ND	1	352	1	2	2	9	9.02	.006	3	3	1.50	31	.01	2	.11	.01	.04	1	10
88-5F-10R2	4	2	116	49	.3	1	1	363	2.22	5	5	ND	5	4	1	2	2	1	.13	.001	4	1	.04	9	.01	4	.26	.02	.07	1	1
88-5F-10R3	1	13	48	18	.3	1	2	130	2.18	10	5	ND	21	11	1	2	2	4	.35	.025	20	1	.08	52	.01	9	.46	.04	.12	1	1
88-5F-10R4	1	1	15	15	.1	2	1	160	.70	2	5	ND	24	5	1	2	2	2	.14	.034	27	2	.03	18	.01	3	.24	.05	.05	1	1
88-5F-10R5	1	4	53	10	1.3	3	1	87	1.97	6919	5	ND	1	19	1	12	2	2	.05	.004	2	2	.01	4	.01	5	.03	.01	.02	1	840
88-5F-10R6	3	30	1474	51	18.1	2	8	32	20.86	466	20	9	9	14	2	136	35	5	.01	.008	2	2	.01	21	.01	8	.09	.01	.08	1	3940
88-5F-10R7	4	13	29	118	.3	24	3	2760	2.96	1548	5	ND	1	51	2	2	3	46	3.06	.092	5	5	.11	57	.01	11	.14	.01	.07	1	81
88-5G-10R6	1	51	61	43	.6	9	3	167	2.09	4081	5	ND	1	3	1	3	2	10	.07	.003	3	7	.34	23	.01	2	.62	.01	.06	1	56
88-5G-10R8	3	88	26	400	.2	66	5	299	1.46	180	5	ND	1	27	4	2	2	43	.15	.053	4	13	.03	1521	.01	11	.17	.01	.01	1	6
STD C/AU-R	17	59	38	132	7.1	68	28	1079	4.02	38	18	8	36	47	17	16	20	56	.45	.088	39	55	.89	173	.06	32	1.94	.06	.13	12	495

✓ ASSAY REQUIRED FOR CORRECT RESULT

APPENDIX 3: - STATISTICAL SUMMARY

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable =	CU	Unit =	PPM	N =	515
Mean =	33.507	Min =	1.000	1st Quartile =	13.000
Std. Dev. =	47.246	Max =	671.000	Median =	22.000
CV % =	141.004	Skewness =	7.683	3rd Quartile =	43.000

%	cum %	cls int	(# of bins = 28 - bin size = 24.815)
0.00	0.10	-11.407	
26.02	26.07	13.407	********** --> 55
46.02	72.00	38.222	********** --> 97
17.86	89.83	63.037	**********
5.83	95.64	87.852	**********
0.97	96.61	112.667	**
1.55	98.16	137.481	***
0.58	98.74	162.296	*
0.19	98.93	187.111	
0.19	99.13	211.926	
0.00	99.13	236.741	
0.00	99.13	261.556	
0.00	99.13	286.370	
0.39	99.52	311.185	*
0.00	99.52	336.000	
0.00	99.52	360.815	
0.00	99.52	385.630	
0.00	99.52	410.444	
0.00	99.52	435.259	
0.00	99.52	460.074	
0.00	99.52	484.889	
0.19	99.71	509.704	
0.00	99.71	534.519	
0.00	99.71	559.333	
0.00	99.71	584.148	
0.00	99.71	608.963	
0.00	99.71	633.778	
0.00	99.71	658.593	
0.19	99.90	683.407	

0 1 2 3 4

Each "*" represents approximately 2.4 observations.

##########

SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable =	CU	Unit =	PPM	N =	515
Mean =	1.3406	Min =	0.0000	1st Quartile =	1.1139
Std. Dev. =	0.3918	Max =	2.8267	Median =	1.3424
CV % =	29.2288	Skewness =	-0.0060	3rd Quartile =	1.6335

Anti-Log Mean = 21.909 Anti-Log Std. Dev. : (-) 8.887
(+) 54.010

(# of bins = 28 - bin size = 0.1047)

%	cum %	antilog	cls int	
0.00	0.10	0.886	-0.0523	
0.19	0.29	1.128	0.0523	
0.00	0.29	1.436	0.1570	
0.00	0.29	1.827	0.2617	
0.58	0.87	2.325	0.3664	*
0.00	0.87	2.959	0.4711	
1.17	2.03	3.765	0.5758	**
2.52	4.55	4.792	0.6805	*****
5.83	10.37	6.098	0.7852	**********
2.52	12.89	7.761	0.8899	*****
3.88	16.76	9.876	0.9946	********
7.18	23.93	12.568	1.0993	**********
10.49	34.40	15.995	1.2040	**********
12.04	46.41	20.355	1.3087	**********
10.87	57.27	25.904	1.4134	**********
9.32	66.57	32.965	1.5181	**********
7.18	73.74	41.952	1.6227	**********
10.68	84.40	53.388	1.7274	**********
6.41	90.79	67.941	1.8321	**********
4.66	95.45	86.463	1.9368	**********
1.17	96.61	110.033	2.0415	**
1.75	98.35	140.028	2.1462	****
0.39	98.74	178.200	2.2509	*
0.39	99.13	226.779	2.3556	*
0.00	99.13	288.599	2.4603	
0.39	99.52	367.273	2.5650	*
0.00	99.52	467.393	2.6697	
0.19	99.71	594.807	2.7744	
0.19	99.90	756.954	2.8791	

0 1 2 3 4

Each "*" represents approximately 2.4 observations.

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SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable =	PB	Unit =	PPM	N =	514
Mean =	27.911	Min =	3.000	1st Quartile =	14.000
Std. Dev. =	34.076	Max =	346.000	Median =	20.000
CV % =	122.089	Skewness =	6.181	3rd Quartile =	29.000

(# of bins = 28 - bin size = 12.704)

%	cum %	cls int	
0.00	0.10	-3.352	
8.17	8.25	9.352	**********
52.14	60.29	22.056	********** --> 109
21.60	81.84	34.759	********** --> 45
8.75	90.58	47.463	**********
3.11	93.69	60.167	*******
1.75	95.44	72.870	****
1.56	96.99	85.574	***
0.78	97.77	98.278	**
0.00	97.77	110.981	
0.19	97.96	123.685	
0.19	98.16	136.389	
0.58	98.74	149.093	*
0.00	98.74	161.796	
0.19	98.93	174.500	
0.19	99.13	187.204	
0.00	99.13	199.907	
0.00	99.13	212.611	
0.00	99.13	225.315	
0.00	99.13	238.019	
0.00	99.13	250.722	
0.00	99.13	263.426	
0.00	99.13	276.130	
0.00	99.13	288.833	
0.00	99.13	301.537	
0.19	99.32	314.241	
0.19	99.51	326.944	
0.00	99.51	339.648	
0.39	99.90	352.352	*

0 1 2 3 4

Each "*" represents approximately 2.4 observations.

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SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable =	PB	Unit =	PPM	N =	514
Mean =	1.3265	Min =	0.4771	1st Quartile =	1.1461
Std. Dev. =	0.2834	Max =	2.5391	Median =	1.3010
CV % =	21.3657	Skewness =	0.8877	3rd Quartile =	1.4624
Anti-Log Mean =	21.206	Anti-Log Std. Dev. :	(-)		11.042
			(+)		40.725

%	cum %	antilog	cls int	(# of bins = 28 - bin size = 0.0764)
0.00	0.10	2.747	0.4389	
0.19	0.29	3.276	0.5153	
0.00	0.29	3.905	0.5917	
0.39	0.68	4.656	0.6680	*
0.58	1.26	5.552	0.7444	*
0.19	1.46	6.619	0.8208	
1.56	3.01	7.891	0.8971	***
5.25	8.25	9.408	0.9735	**********
6.61	14.85	11.217	1.0499	**********
6.81	21.65	13.374	1.1263	**********
9.92	31.55	15.945	1.2026	**********
17.32	48.83	19.010	1.2790	**********
11.48	60.29	22.665	1.3554	**********
10.70	70.97	27.023	1.4317	**********
8.95	79.90	32.218	1.5081	**********
6.03	85.92	38.412	1.5845	**********
3.50	89.42	45.797	1.6608	*******
2.92	92.33	54.602	1.7372	******
2.53	94.85	65.099	1.8136	*****
1.17	96.02	77.614	1.8899	**
1.36	97.38	92.536	1.9663	***
0.39	97.77	110.326	2.0427	*
0.19	97.96	131.537	2.1190	
0.78	98.74	156.826	2.1954	**
0.39	99.13	186.976	2.2718	*
0.00	99.13	222.923	2.3482	
0.00	99.13	265.780	2.4245	
0.19	99.32	316.878	2.5009	
0.58	99.90	377.799	2.5773	*

0 1 2 3 4

Each "*" represents approximately 2.4 observations.

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SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable =	ZN	Unit =	PPM	N =	517
Mean =	110.309	Min =	38.000	1st Quartile =	82.000
Std. Dev. =	61.650	Max =	844.000	Median =	100.000
CV % =	55.889	Skewness =	6.604	3rd Quartile =	123.500

%	cum %	cls int	(# of bins = 28 - bin size = 29.852)	
0.00	0.10	23.074		
1.93	2.03	52.926	****	
23.98	25.97	82.778	**********	--> 51
40.04	65.93	112.630	**********	--> 85
19.92	85.81	142.481	**********	--> 42
8.51	94.31	172.333	******	
2.51	96.81	202.185	*****	
0.97	97.78	232.037	**	
0.77	98.55	261.889	**	
0.39	98.94	291.741	*	
0.00	98.94	321.593		
0.19	99.13	351.444		
0.00	99.13	381.296		
0.00	99.13	411.148		
0.00	99.13	441.000		
0.19	99.32	470.852		
0.00	99.32	500.704		
0.00	99.32	530.556		
0.00	99.32	560.407		
0.00	99.32	590.259		
0.00	99.32	620.111		
0.19	99.52	649.963		
0.19	99.71	679.815		
0.00	99.71	709.667		
0.00	99.71	739.519		
0.00	99.71	769.370		
0.00	99.71	799.222		
0.00	99.71	829.074		
0.19	99.90	858.926		

0 1 2 3 4

Each "*" represents approximately 2.4 observations.

17:04:05 SKUKUM GOLD INC. SIN, BERG & WHE CLAIMS - SOILS 11/30/88

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SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable = ZN Unit = PPM N = 517

Mean =	2.0093	Min =	1.5798	1st Quartile =	1.9138
Std. Dev. =	0.1541	Max =	2.9263	Median =	2.0000
CV % =	7.6682	Skewness =	1.2506	3rd Quartile =	2.0917

Anti-Log Mean = 102.157 Anti-Log Std. Dev. : (-) 71.646
(+) 145.661

(# of bins = 28 - bin size = 0.0499)

%	cum %	antilog	cls int	
0.00	0.10	35.880	1.5548	
0.19	0.29	40.246	1.6047	
0.00	0.29	45.143	1.6546	
1.16	1.45	50.637	1.7045	**
1.55	2.99	56.799	1.7543	***
2.71	5.69	63.710	1.8042	******
6.00	11.68	71.463	1.8541	**********
11.61	23.26	80.160	1.9040	************************
12.96	36.20	89.914	1.9538	****************************
14.89	51.06	100.856	2.0037	**********************************
16.05	67.08	113.129	2.0536	************************************
9.48	76.54	126.895	2.1034	********************
9.28	85.81	142.337	2.1533	********************
5.80	91.60	159.658	2.2032	**********
3.87	95.46	179.087	2.2531	********
1.16	96.62	200.879	2.3029	**
1.16	97.78	225.324	2.3528	**
0.77	98.55	252.744	2.4027	**
0.19	98.75	283.500	2.4526	
0.19	98.94	317.999	2.5024	
0.19	99.13	356.696	2.5523	
0.00	99.13	400.102	2.6022	
0.00	99.13	448.790	2.6520	
0.19	99.32	503.403	2.7019	
0.00	99.32	564.662	2.7518	
0.19	99.52	633.375	2.8017	
0.19	99.71	710.450	2.8515	
0.00	99.71	796.904	2.9014	
0.19	99.90	893.879	2.9513	

0 1 2 3 4

Each "*" represents approximately 2.4 observations.

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SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable =	AS	Unit =	PPM	N =	517
Mean =	5.106	Min =	2.000	1st Quartile =	2.000
Std. Dev. =	6.982	Max =	99.000	Median =	3.000
CV % =	136.723	Skewness =	6.666	3rd Quartile =	5.000

%	cum %	cls int	(# of bins = 28 - bin size = 3.593)	
0.00	0.10	0.204		
58.03	58.01	3.796	**********	--> 122
25.73	83.69	7.389	**********	--> 54
7.54	91.22	10.981	**********	
4.06	95.27	14.574	*********	
0.77	96.04	18.167	**	
0.97	97.01	21.759	**	
0.77	97.78	25.352	**	
0.58	98.36	28.944	*	
0.58	98.94	32.537	*	
0.00	98.94	36.130		
0.19	99.13	39.722		
0.39	99.52	43.315	*	
0.19	99.71	46.907		
0.00	99.71	50.500		
0.00	99.71	54.093		
0.00	99.71	57.685		
0.00	99.71	61.278		
0.00	99.71	64.870		
0.00	99.71	68.463		
0.00	99.71	72.056		
0.00	99.71	75.648		
0.00	99.71	79.241		
0.00	99.71	82.833		
0.00	99.71	86.426		
0.00	99.71	90.019		
0.00	99.71	93.611		
0.00	99.71	97.204		
0.19	99.90	100.796		

0 1 2 3 4

Each "*" represents approximately 2.4 observations.

17:12:34 SKUKUM GOLD INC. SIN, BERG & WHE CLAIMS - SOILS 11/30/88

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SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable = AS Unit = PPM N = 517

Mean =	0.5561	Min =	0.3010	1st Quartile =	0.3010
Std. Dev. =	0.3123	Max =	1.9956	Median =	0.4771
CV % =	56.1581	Skewness =	1.2712	3rd Quartile =	0.6990

Anti-Log Mean = 3.598 Anti-Log Std. Dev. : (-) 1.753
(+) 7.385

%	cum %	antilog	cls int	(# of bins = 28 - bin size = 0.0628)
0.00	0.10	1.861	0.2696	
46.62	46.62	2.150	0.3324	********** --> 98
0.00	46.62	2.484	0.3952	
0.00	46.62	2.870	0.4579	
11.41	58.01	3.317	0.5207	**********
0.00	58.01	3.832	0.5835	
9.09	67.08	4.428	0.6462	**********
8.70	75.77	5.117	0.7090	**********
0.00	75.77	5.912	0.7718	
4.06	79.83	6.832	0.8345	*********
3.87	83.69	7.894	0.8973	********
5.42	89.09	9.121	0.9600	**********
2.13	91.22	10.539	1.0228	****
3.09	94.31	12.178	1.0856	*******
0.97	95.27	14.071	1.1483	**
0.39	95.66	16.259	1.2111	*
0.39	96.04	18.787	1.2739	*
0.97	97.01	21.708	1.3366	**
0.77	97.78	25.083	1.3994	**
0.58	98.36	28.983	1.4621	*
0.58	98.94	33.490	1.5249	*
0.00	98.94	38.697	1.5877	
0.58	99.52	44.713	1.6504	*
0.19	99.71	51.666	1.7132	
0.00	99.71	59.699	1.7760	
0.00	99.71	68.981	1.8387	
0.00	99.71	79.706	1.9015	
0.00	99.71	92.099	1.9643	
0.19	99.90	106.418	2.0270	

0 1 2 3 4

Each "*" represents approximately 2.4 observations.

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SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable =	AG	Unit =	PPM	N =	515
Mean =	0.224	Min =	0.100	1st Quartile =	0.100
Std. Dev. =	0.282	Max =	3.000	Median =	0.100
CV % =	125.819	Skewness =	4.644	3rd Quartile =	0.200

%	cum %	cls int	(# of bins = 28 - bin size = 0.107)	
0.00	0.10	0.046		
57.86	57.85	0.154	**********	--> 122
20.97	78.78	0.261	**********	--> 44
8.35	87.11	0.369	**********	
3.88	90.99	0.476	********	
2.52	93.51	0.583	*****	
0.39	93.90	0.691	*	
1.17	95.06	0.798	**	
1.36	96.41	0.906	***	
0.58	97.00	1.013	*	
0.78	97.77	1.120	**	
0.58	98.35	1.228	*	
0.39	98.74	1.335	*	
0.19	98.93	1.443		
0.19	99.13	1.550		
0.19	99.32	1.657		
0.00	99.32	1.765		
0.00	99.32	1.872		
0.00	99.32	1.980		
0.00	99.32	2.087		
0.19	99.52	2.194		
0.19	99.71	2.302		
0.00	99.71	2.409		
0.00	99.71	2.517		
0.00	99.71	2.624		
0.00	99.71	2.731		
0.00	99.71	2.839		
0.00	99.71	2.946		
0.19	99.90	3.054		

0 1 2 3 4

Each "*" represents approximately 2.4 observations.

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SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable = AG Unit = PPM N = 515

Mean =	-0.7912	Min =	-1.0000	1st Quartile =	-1.0000
Std. Dev. =	0.2972	Max =	0.4771	Median =	-1.0000
CV % =	37.5637	Skewness =	1.5038	3rd Quartile =	-0.6990

Anti-Log Mean = 0.162 Anti-Log Std. Dev. : (-) 0.082
(+) 0.321

%	cum %	antilog	cls int	(# of bins = 28 - bin size = 0.0547)
0.00	0.10	0.094	-1.0274	
57.86	57.85	0.107	-0.9726	********** --> 122
0.00	57.85	0.121	-0.9179	
0.00	57.85	0.137	-0.8632	
0.00	57.85	0.155	-0.8085	
0.00	57.85	0.176	-0.7538	
0.00	57.85	0.200	-0.6991	
20.97	78.78	0.227	-0.6444	********** --> 44
0.00	78.78	0.257	-0.5897	
0.00	78.78	0.292	-0.5350	
8.35	87.11	0.331	-0.4803	**********
0.00	87.11	0.375	-0.4256	
3.88	90.99	0.426	-0.3709	********
0.00	90.99	0.483	-0.3161	
2.52	93.51	0.548	-0.2614	*****
0.39	93.90	0.621	-0.2067	*
1.17	95.06	0.705	-0.1520	**
0.00	95.06	0.799	-0.0973	
1.36	96.41	0.907	-0.0426	***
0.58	97.00	1.028	0.0121	*
0.78	97.77	1.166	0.0668	**
0.97	98.74	1.323	0.1215	**
0.39	99.13	1.500	0.1762	*
0.19	99.32	1.702	0.2309	
0.00	99.32	1.930	0.2856	
0.19	99.52	2.190	0.3404	
0.19	99.71	2.483	0.3951	
0.00	99.71	2.817	0.4498	
0.19	99.90	3.195	0.5045	

0 1 2 3 4

Each "*" represents approximately 2.4 observations.

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17:28:14 SKUKUM GOLD INC. SIN, BERG & WHE CLAIMS - SOILS 11/30/88

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SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable =	AU	Unit =	PPB	N =	515
Mean =	6.458	Min =	1.000	1st Quartile =	1.000
Std. Dev. =	23.413	Max =	285.000	Median =	1.000
CV % =	362.525	Skewness =	7.706	3rd Quartile =	2.000

%	cum %	cls int	(# of bins = 28 - bin size = 10.519)
0.00	0.10	-4.259	
86.02	85.95	6.259	********** --> 181
6.41	92.34	16.778	**********
4.08	96.41	27.296	*********
0.58	97.00	37.815	*
0.19	97.19	48.333	
0.58	97.77	58.852	*
0.00	97.77	69.370	
0.19	97.97	79.889	
0.19	98.16	90.407	
0.00	98.16	100.926	
0.19	98.35	111.444	
0.58	98.93	121.963	*
0.19	99.13	132.481	
0.00	99.13	143.000	
0.00	99.13	153.519	
0.19	99.32	164.037	
0.00	99.32	174.556	
0.19	99.52	185.074	
0.00	99.52	195.593	
0.00	99.52	206.111	
0.00	99.52	216.630	
0.00	99.52	227.148	
0.00	99.52	237.667	
0.19	99.71	248.185	
0.00	99.71	258.704	
0.00	99.71	269.222	
0.00	99.71	279.741	
0.19	99.90	290.259	

0 1 2 3 4

Each "*" represents approximately 2.4 observations.

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17:19:19 SKUKUM GOLD INC. SIN, BERG & WHE CLAIMS - SOILS 11/30/88

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SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable = AU Unit = PPB N = 515

Mean =	0.2891	Min =	0.0000	1st Quartile =	0.0000
Std. Dev. =	0.4804	Max =	2.4548	Median =	0.0000
CV % =	166.1373	Skewness =	2.0180	3rd Quartile =	0.3010

Anti-Log Mean = 1.946 Anti-Log Std. Dev. : (-) 0.644
(+) 5.882

%	cum %	antilog	cls int	(# of bins = 28 - bin size = 0.0909)
0.00	0.10	0.901	-0.0455	
60.19	60.17	1.110	0.0455	********** --> 127
0.00	60.17	1.369	0.1364	
0.00	60.17	1.688	0.2273	
15.73	75.87	2.081	0.3182	**********
0.00	75.87	2.565	0.4091	
5.05	80.91	3.163	0.5001	**********
0.00	80.91	3.899	0.5910	
1.75	82.66	4.807	0.6819	****
1.75	84.40	5.927	0.7728	****
3.30	87.69	7.307	0.8637	*******
1.75	89.44	9.009	0.9547	****
1.55	90.99	11.107	1.0456	***
0.58	91.57	13.693	1.1365	*
0.78	92.34	16.882	1.2274	**
2.14	94.48	20.813	1.3183	****
1.36	95.83	25.660	1.4093	***
0.97	96.80	31.636	1.5002	**
0.39	97.19	39.003	1.5911	*
0.00	97.19	48.087	1.6820	
0.58	97.77	59.285	1.7729	*
0.00	97.77	73.091	1.8639	
0.39	98.16	90.112	1.9548	*
0.19	98.35	111.097	2.0457	
0.78	99.13	136.970	2.1366	**
0.19	99.32	168.867	2.2275	
0.19	99.52	208.192	2.3185	
0.19	99.71	256.676	2.4094	
0.19	99.90	316.450	2.5003	

0 1 2 3 4

Each "*" represents approximately 2.4 observations.

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