MAP NO.: 105 D 3	ASSESSMENT REPORT X PROSPECTUS CONFIDENTIAL X OPEN FILE	DOCUMENT NO:	092710
		MINING DISTRICT:	Whitehorse
		TYPE OF WORK:	Geological, Geochemical

REPORT FILED UNDER:	Skukum Gold Inc.		
DATE PERFORMED:	28 July - September, 1988	DATE FILED:	23 March 1989
LOCATION: LAT.:	60°08'N	AREA:	Mount Bell-Wheaton River
LONG.:	135°15'W	VALUE $:	10,325.00
CLAIM NAME & NO.:	BERG 1-160(YB0746-607)		

WORK DONE BY:	Andrew L. Wilkins and Hugh F. MacKinnon
WORK DONE FOR:	Skukum Gold Inc.

DATE TO GOOD STANDING:	

REMARKS: ~~ADJOINS~~ # 238 ~~KID~~ 258 CRAIG

Exploration in 1988 included prospecting, mapping, and silt and talus geochemistry. Small mineralized quartz veins assayed up to 62.4 g/t Ag and 1.81% Pb.

SKUKUM GOLD INC.

PRELIMINARY
GEOLOGICAL AND GEOCHEMICAL
R E P O R T

ON THE

BERG MINERAL CLAIMS

MOUNT BELL - WHEATON RIVER AREA
WHITEHORSE MINING DISTRICT
YUKON TERRITORY

N.T.S.: 105D/3

LATITUDE: 60 DEGREES 08 MINUTES NORTH
LONGITUDE: 135 DEGREES 15 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 28, 1988 to September 18, 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 $10 325.00.

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

SUMMARY

This report describes exploration work performed on the BERG Mineral Claim Block located south of the Wheaton River near Mount Bell in the southern Yukon.

The BERG claims are underlain by Cretaceous granitic intrusives belonging to the Coast Plutonic Complex and roof pendants of Proterozoic to Permian gneisses and schists of the Yukon Group. These units have been intruded by Eocene high level felsic domes, plugs and laccoliths of rhyolite feldspar porphyry and rhyolitic to andesitic dykes related to the Skukum Group Volcanics to the north and south.

Exploration work consisted of prospecting, geological mapping, talus fines sampling and stream sediment silt sampling during the summer of 1988.

Small mineralized quartz veins have been found on the property as well as numerous anomalous talus fines samples and stream sediment silt samples. Assays of up to 1.82 ounces per ton (62.4 grams/tonne) silver and 1.81% lead have been returned from these veins.

At present, no large mineralized systems have been identified however the claim group is large and has not had enough preliminary exploration as yet.

Recommendations are for further prospecting and talus fines sampling as well as follow up prospecting, geological mapping and sampling of anomalous areas and mineralized showings.

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1. INTRODUCTION

1.1 LOCATION & ACCESS

The BERG Mineral Claims are located south of the Wheaton River near Mount Bell in the southern Yukon at 60 degrees 08 minutes North latitude and 135 degrees 15 minutes West longitude (NTS:105D/3). The property is accessible by helicopter, with the nearest permanent base being Whitehorse, Yukon Territory. 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 (90 centimeters 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 BERG claims is rolling mountainous terrain. Permanent snowfields exist on the northern aspects of most of the ridges and mountains within the claim group. Maximum relief in the area is approximately 820 meters (3800 feet) with valley floors of 1160 meters (3800 feet) and summits up to 1980 meters (6500 feet).

Eighty 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 BERG property consists of 162 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
BERG 1-12	YB07446-457	AUG 20,1987	DEC 1,1996	12
BERG 13,14	YB07458,459	AUG 20,1987	DEC 1,1992	2
BERG 15,16	YB07460,461	AUG 20,1987	DEC 1,1996	2
BERG 17-20	YB07462-465	AUG 20,1987	DEC 1,1992	4
BERG 21,22	YB07466,467	AUG 20,1987	DEC 1,1996	2
BERG 23,24	YB07468,469	AUG 20,1987	DEC 1,1992	2
BERG 25	YB07470	AUG 20,1987	DEC 1,1989*	1
BERG 26-28	YB07471-473	AUG 20,1987	DEC 1,1992	3

TABLE 1: -CLAIM STATUS (CON'T.)

BERG	29-45	YB07471-490	AUG 20,1987	DEC 1,1996	17
BERG	46-53	YB07491-498	AUG 20,1987	DEC 1,1989*	8
BERG	55,57	YB07500,502	AUG 20,1987	DEC 1,1989*	2
BERG	59,61	YB07504,506	AUG 20,1987	DEC 1,1989*	2
BERG	63,65	YB07508,510	AUG 20,1987	DEC 1,1989*	2
BERG	67,69	YB07512,514	AUG 20,1987	DEC 1,1989*	2
BERG	71,73	YB07516,518	AUG 20,1987	DEC 1,1989*	2
BERG	75,77	YB07520,522	AUG 20,1987	DEC 1,1989*	2
BERG	79,81	YB07524,526	AUG 20,1987	DEC 1,1989*	2
BERG	83,85	YB07528,530	AUG 20,1987	DEC 1,1989*	2
BERG	87,89	YB07532,534	AUG 20,1987	DEC 1,1989*	2
BERG	91,93	YB07536,538	AUG 20,1987	DEC 1,1989*	2
BERG	54,56	YB07499,501	AUG 20,1987	DEC 1,1996	2
BERG	58,60	YB07503,505	AUG 20,1987	DEC 1,1996	2
BERG	62,64	YB07507,509	AUG 20,1987	DEC 1,1996	2
BERG	66,68	YB07511,513	AUG 20,1987	DEC 1,1996	2
BERG	70,72	YB07515,517	AUG 20,1987	DEC 1,1996	2
BERG	74,76	YB07519,521	AUG 20,1987	DEC 1,1996	2
BERG	78,80	YB07523,525	AUG 20,1987	DEC 1,1996	2
BERG	82,84	YB07527,529	AUG 20,1987	DEC 1,1996	2
BERG	86,88	YB07531,533	AUG 20,1987	DEC 1,1996	2
BERG	90,92	YB07535,537	AUG 20,1987	DEC 1,1996	2
BERG	94,95	YB07539,540	AUG 20,1987	DEC 1,1996	2
BERG	96-145	YB07541-590	AUG 20,1987	DEC 1,1989*	2
BERG	146	YB07591	AUG 20,1987	DEC 1,1988	1
BERG	147	YB07592	AUG 20,1987	DEC 1,1989*	1
BERG	148-151	YB07593-596	AUG 20,1987	DEC 1,1988	4
BERG	152-154	YB07597-599	AUG 20,1987	DEC 1,1996	3
BERG	155	YB07600	AUG 20,1987	DEC 1,1992	1
BERG	156-160	YB07601-605	AUG 20,1987	DEC 1,1996	5
BERG	161,162	YB07606,607	AUG 20,1987	DEC 1,1989*	2

* pending acceptance of this report.

The claims are shown on Claim Sheet 105D/3. 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 twelve of the creeks draining the BERG claim area. Four samples were anomalous in lead ± antimony and one sample was anomalous in silver.

Doherty and Hart report finding galena, sphalerite, pyrite and molybenite in six parallel quartz veins in altered granodiorite on the southeast corner of the BERG claims. Geochemical analysis of up to 50 ppm silver were returned from the veins. The showing is refered to as the Craig showing (Doherty et al, 1988).

No other record of exploration work has been recorded on the

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

Watson River

Hwy

GOLD HILL

SKUKUM CREEK MINE

River

MT. SKUKUM

CARBON HILL

Wheaton

MT. WARD

BERG CLAIMS

Primrose Lake

West Arm

Partridge R.

Bennett Lake

Carcross

Craig Lake

Tagish Lake

MONTANA MTN.

Windy Arm

N

Alaska

YUKON

Hwy

Whitehorse

Skagway

BRITISH COLUMBIA

ALASKA

Pacific Ocean

LOCATION MAP

SCALE : 1: 250,000

4 2 0 4 8 12 16

Km

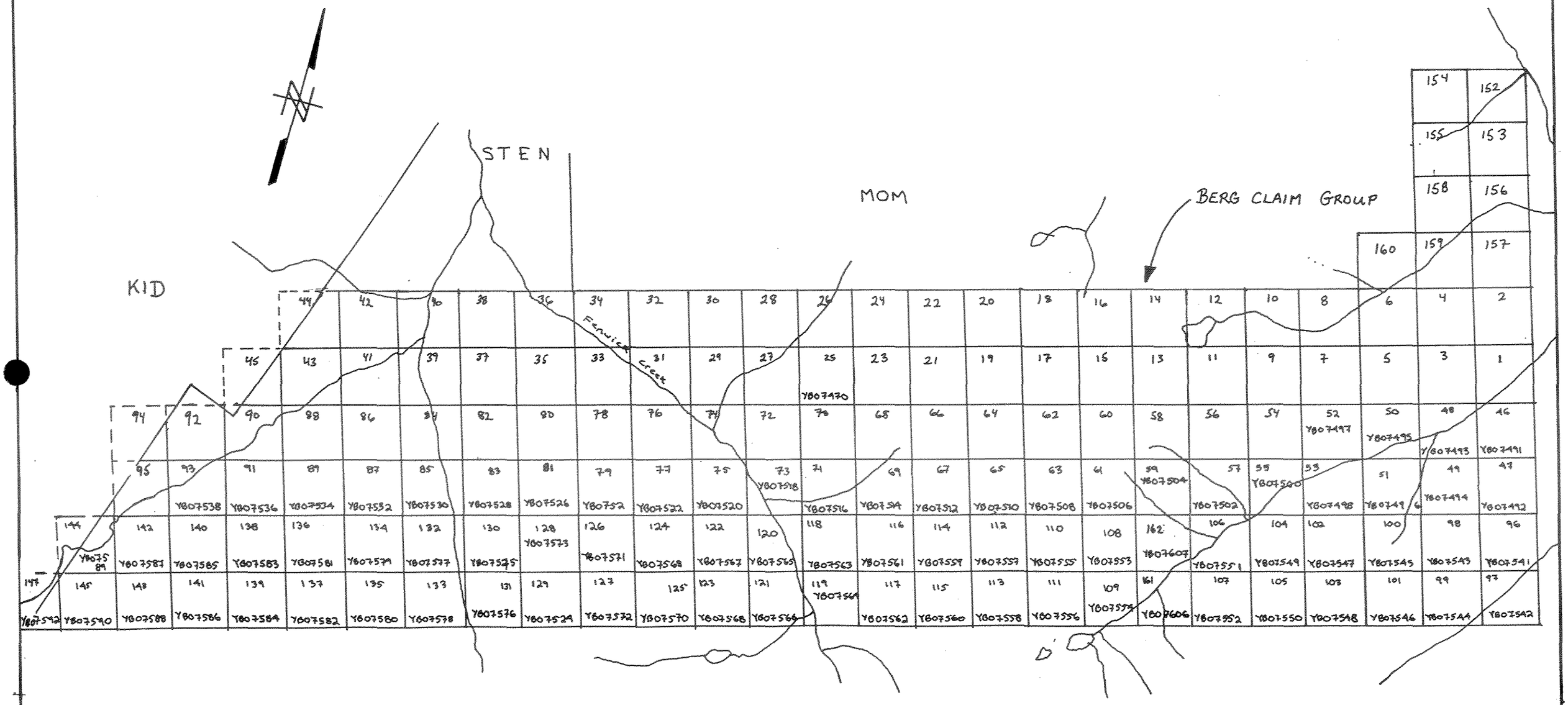
SKUKUM GOLD INC.

BERG 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 : FEB. 1989



SKUKUM GOLD INC.	
BERG CLAIM MAP WHEATON RIVER AREA	
NTS: 105D/3 SCALE: 1:30,000	DATE: SEPT/88 FIGURE: 2

BERG claim block.

Since the early 1980's there has been exploration work conducted on numerous properties located in the vicinity of the BERG 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. **BERGLYNN RESOURCES'** and **SKUKUM GOLD's** recent **GODDELL GULLY** gold discovery, the **BECKER-COCHRAN** antimony deposit and the **PORTER** antimony-silver-gold veins adjoin the BERG claims to the north. The Becker-Cochran deposit consists of a possible 140,000 tons of 4% antimony, with trace amounts of gold and silver. During the fall of 1988, two deep diamond drill holes on the Goddell Gully vein system intersected arsenopyrite mineralization. Assays of 0.39 ounces per ton gold over 21 feet and 0.61 ounces per ton gold over 37 feet, including a 14 foot section that assayed 1.28 ounces per ton gold, were returned from the drill holes (Skukum Gold Inc. news release, 1988). The Porter veins consist of stibnite, jamesonite and galena in quartz veins. High grade samples from these veins have reportedly yielded values of 15-30 ounces per ton gold and 20-25% antimony (Doherty et al, 1988).

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

1.5 1988 WORK PROGRAM

A preliminary exploration program was carried out by a four person crew intermittently between July 28 and September 18, 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 prospecting, geological mapping, talus fines sampling, stream sediment silt sampling and rock 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
Tenney Wilkins.....Geological Assistant

2. GEOLOGY

2.1 REGIONAL GEOLOGY

The regional geology is presented in Figure 3. The BERG 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 and intrude 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

Property Geology is presented in Map 1.

The BERG claims are underlain by numerous Cretaceous granitic intrusives belonging to the Coast Plutonic Complex and roof pendants of Proterozoic to Permian quartz-feldspar-biotite-muscovite gneisses and schists of the Yukon Group (HCsn) and Paleozoic hornblende granodiorite gniess (Pgdn). The Coast Plutonic Complex is made up of the pink feldspar megacrystic granite-granodiorite (Tgd), the fine to medium grained, acicular hornblende, biotite Fenwick Creek Diorite (JKdi), the crumbly weathering, biotite, hornblende Mount Anderson Granite-Granodiorite (MKgr), the white weathering, medium grained sugary textured, quartz rich leucogranite (LKlg), and the light rusty orange weathering, medium grained Mount McNeil Biotite Granite (KTgr).

Conglomerate of the Upper Jurassic to Lower Cretaceous Tantalus Formation (JKTcg) both overlies and is intruded by intrusives of the Coast Plutonic Complex.

These units have been intruded by Eocene high level, buff weathering, felsic domes, plugs and laccoliths of rhyolite feldspar porphyry (Erfp), and fine grained to aphanitic dykes of rhyolitic (Erd), dacitic (Edd), andesitic (Ead) or basaltic (Ebd) composition related to the Skukum Group Volcanics to the north and south.

REGIONAL GEOLOGY MAP

LEGEND

QUATERNARY

- Q_c — Colluvial Deposits
  Locally derived, unconsolidated gravel
- Q_f — Fluvial Deposits
  Unconsolidated gravel, silt and sand of fluvial or glaciofluvial origin
- Q_l — Lacustrine Deposits
  Unconsolidated sand, silt and varved clay of glacial or glaciolacustrine origin
- Q_g — Glacial Deposits
  Unconsolidated, moraine, esker, kame and drift material

TERTIARY

EOCENE

SKUKUM GROUP (49-52Ma)

BENNETT LAKE CAULDERA COMPLEX (50-52Ma)

- E_{rfp} — Bennett Lake Ring Dykes
  Coarse quartz-feldspar granite porphyry
- E_{BC} — Boudette Creek Formation
  Ignimbrite, tuff, boulder conglomerate
- E_{JC} — Jones Creek Formation
  Basalt, rhyolite and tuff
- E_{CT} — Crozier Tuffs and Lavas
  Tuff, ignimbrite, rhyolite lavas
- E_{LC} — Lemieux Creek Formation
  Granitic boulder conglomerate and breccia
- E_{CB} — Crozier Breccias
  Volcanic breccia, conglomerate
- E_{MC} — MacCauley Creek Formation
  Ignimbrite
- E_G — Gault Formation
  Granite boulder conglomerate
- E_{CM} — Cleft Mountain Formation
  Ignimbrite, dacite and andesite lavas
- E_{PL} — Partridge Lake Formation
  Ignimbrite
- T_{sl} — Ibex Alaskite
  Buff weathering, miarolitic, fine- to medium-grained, crowded granite porphyry, alaskite and aplite dykes
- T_{gr} — Smokey Quartz-Eye Granite
  Orange brown weathering, medium- to coarse-grained smokey quartz eye, quartz-rich granite

LATE CRETACEOUS and TERTIARY

- LK_{lg} — Leucogranite
  White weathering, medium-grained, saccharoidal textured, quartz rich granite

CRETACEOUS

- K_{gd} — Granodiorite
  Grey, coarse-grained hornblende granodiorite.
- K_{qm} — Boudette Creek Quartz Monzonite
  Dark grey weathering, massive, medium- to coarse-grained, smokey quartz-eye biotite hornblende quartz-monzonite

JURASSIC and CRETACEOUS

UPPER JURASSIC

- JK_{di} — Fenwick Creek Diorite
  Fine- to medium-grained, acicular hornblende, biotite diorite, quartz diorite with mafic xenoliths, and minor gabbro

PALEOZOIC AND OLDER

- P_{gdn} — Granodiorite
  Foliated hornblende and hornblende-biotite granodiorite, quartz diorite and quartz monzonite
- HC_{sn} — Gneiss, Schist
  Resistant, slightly rusty weathering, mesocratic, biotite muscovite quartz and feldspar schist, chlorite-rich, biotite-granite gneiss; quartzite and minor quartz mica schist with rare amphibolite bands
- HC — Marble
  Variably sheared massive to thickly-bedded white to dark-grey granular marble

SCALE: 1:50,000 FIGURE: 3

TABLE 2: - TABLE OF FORMATIONS

QUATERNARY
PLEISTOCENE AND RECENT

Q.....Glacial drift and alluvium.

Unconformity

TERTIARY
EOCENE
SKUKUM GROUP

Erd,dd,ad,bd...Rhyolitic, dacitic, andesitic or basaltic dyke.

Erfp.....Rhyolite Feldspar Porphyry.

Intrusive contact

CRETACEOUS
COAST PLUTONIC COMPLEX

KTgr.....Mount McNeil Biotite Granite.

LKlg.....Leucogranite.

MKgr.....Mount Anderson Granite - Granodiorite.

JKgd.....Wheaton Valley Hornblende Granodiorite.

JKdi.....Fenwick Creek Diorite.

Intrusive contact

UPPER JURASSIC AND LOWER CRETACEOUS
TANTALUS FORMATION

JKTcg.....Conglomerate

Disconformity

UPPER TRIASSIC TO JURASSIC

Tgd.....Megacrystic Granite - Granodiorite.

Intrusive contact

PALEOZOIC AND OLDER

Pgdn.....Foliated Granodiorite.

Intrusive contact

YUKON GROUP

HCsn.....Gneiss and Schist.

Hm.....Marble.

3. GEOCHEMISTRY

3.1 INTRODUCTION

Talus fines samples were collected at 50 meter intervals at the base of most of the slopes on the property. Rock samples were collected from interesting looking lithologies, alteration, and mineralization. A total of 387 talus fines samples, 18 silt samples and 61 rock samples were collected.

Sample locations are presented in Map 2.

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, talus fines and rock samples were analyzed for copper, lead, zinc, arsenic and silver using the Induced Coupled Plasma (ICP) technique. Some talus fines were also analyzed for antimony. Some 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. Three rock samples were assayed for silver and one for 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
Antimony	>3 ppm
Silver	>0.5 ppm
Gold	>10 ppb

Four samples from the 1985 GSC program were anomalous in lead ± antimony and one sample was anomalous in silver. Five samples from the 1988 program were anomalous in lead + zinc + antimony ± copper ± silver. Two other samples were anomalous in lead ± antimony and one sample was anomalous in silver + antimony.

3.4 MINERALIZATION & ROCK GEOCHEMISTRY

Rock sample descriptions are presented in Appendix 1.

Limited prospecting has resulted in the discovery of a few mineralized showings on the property in 1988.

The "stormy zone" in the central portion of the claims, consists of quartz veins with minor fine grained sulphides of chalcopyrite, galena, pyrite, sphalerite and stibnite within a three meter wide gully of prophylitic altered granite becoming silicified around the veining. Siderite veining is also present in the structure. The attitude of the structure is 140/55NE. The zone contains up to 1.82 ounces per ton (62.4 grams/tonne) silver, 8494 ppm lead, 4303 ppm copper, 3841 ppm zinc, 912 ppm arsenic and 1385 ppm antimony. In the vicinity of the stormy zone are other small mineralized veins scattered across the hill.

TABLE 4: - ANOMALOUS ROCK SAMPLES - STORMY ZONE AREA

Sample #	Ag ppm	Au ppb	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm
5B-4R13	4.9	1	447	459	1277	45	110
5B-4R14	19.6	1	3438	170	588	912	804
5B-4R15	12.5	1	2152	113	556	598	500
5B-4R16	**1.82 OZ/T**	19	4303	8494	3841	21	12
5B-4R18	**1.61 OZ/T**	8	3952	4467	1722	177	1385
5B-4R20	5.1	2	119	1201	208	12	9
5B-4R21	31.8	7	198	**1.81%**	5605	8	4
5B-4R22	25.2	23	1205	3639	1636	16	30
5B-4R23	15.6	20	602	1985	598	10	2
5B-5F9	9.4	6	505	5058	3382	13	4

In the west central portion of the claims, two samples of malachite stained float were found. One sample consisted of malachite and azurite stained quartz + calcite veins in limonitic, hematitic and chloritic altered granodiorite. The veins contained trace to 1% pyrite and trace chalcopyrite. Analysis of 2288 ppm copper, 1599 ppm manganese, 961 ppm antimony and assays of 1.70 ounces per ton (58.3 grams/tonne) silver were returned from the sample.

In the east portion of the claims are two samples with chalcopyrite mineralization that are anomalous in manganese, zinc, copper, lead and silver. The samples consist of gossanous and argillic to phyllic altered granodiorite. Analysis of up to 9300 ppm manganese, 1673 ppm zinc, 499 ppm lead, 9.5 ppm silver and 11.94% iron were returned from the samples.

Just south of the claims is a zone of calcite and siderite veins up to one centimeter wide within a five meter wide zone of chlorite, minor sericite and limonite altered granite. The sample from this zone is strongly anomalous in strontium (1680 ppm).

The "Craig showing" discovered by Doherty and Hart (1988) in the southeastern corner of the claims was not located although a gossanous zone anomalous in molybdenum, copper and tungsten was sampled in the vicinity of the showing.

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 BERG claims was combined with other geochemical data from Skukum Gold Inc.'s 1988 sampling programs on the WHE and SIN claims, which are in the vicinity of the BERG 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 6 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 3.

In the eastern portion of the claims are two talus fines samples taken from gossnaous zones that are strongly anomalous in copper, lead, zinc, silver, arsenic, antimony and gold.

In the southeast portion of the claims is a cluster of four multi-element anomalies.

Across the creek to the north is a string of three gold anomalies.

On the southwest facing slopes above Fenwick Creek in the central portion of the claims is a string of thirteen anomalous arsenic or lead ± antimony samples that stretches over 1.3 kilometers.

In the southwestern portion of the claims is a cluster of five gold anomalies and one silver anomaly.

Besides the better defined trends outlined above, there are numerous anomalies scattered throughout the claims.

4. CONCLUSIONS AND RECOMMENDATIONS

Prospecting, geological mapping and talus fines, silt and rock geochemistry was the focus of exploration activity on the BERG group of mineral claims during the summer of 1988.

The BERG claims are underlain by numerous Cretaceous granitic intrusives belonging to the Coast Plutonic Complex and roof pendants of Proterozoic to Permian gneisses and schists of the Yukon Group. These units have been intruded by Eocene high level felsic domes, plugs and laccoliths of rhyolite feldspar porphyry and rhyolitic to andesitic dykes related to the Skukum Group Volcanics to the north and south.

Small mineralized quartz veins have been found on the property as well as numerous anomalous talus fines samples and stream sediment silt samples. Assays of up to 1.82 ounces per ton (62.4 grams/tonne) silver and 1.81% lead have been returned from these veins.

At present, no large mineralized systems have been identified however the claim group is large and has not had enough preliminary exploration as yet.

Recommendations are for further prospecting and talus fines sampling as well as follow up prospecting, geological mapping and sampling of anomalous areas and mineralized showings.

5. REFERENCES

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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:	4 days @ 220. per day.	$ 880.00
Geologist:	1 days @ 175. per day.	$ 175.00
Field Assistants:	6 days @ 110. per day.	$ 660.00
Room and Board:	13 days @ 50. per day.	$ 650.00
Truck Rental:		
3 days @ $60. per day.		$ 180.00
Analytical Costs:		
Talus Fines:	387 @ $ 9.85 per sample.	$3811.95
Silt Samples:	18 @ $ 9.85 per sample.	$ 177.30
Rock Samples:	61 @ $13.75 per sample.	$ 838.75
Rock Samples (Assays):		$ 31.00
Shipping Costs:		$ 350.00
Helicopter Costs:		
Hughes 500D:		$2516.20
Drafting Costs:		$ 400.00
Miscellaneous Costs:		$ 200.00
TOTAL EXPLORATION COSTS		**$12,195.20**

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 BERG claims program.

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

Dated this ninth day of March, 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 the mineral exploration industry since 1980 in Ontario, Saskatchewan, the Northwest Territories, British Columbia and the Yukon Territory.

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

Dated this twentieth day of January, 1989.

Hugh F. MacKinnon, B.Sc.

LEGEND

TERTIARY
EOCENE
SKUKUM GROUP

- Erd — Rhyolite dyke.
- Edd — Dacite dyke.
- Ead — Andesite dyke.
- Ebd — Basaltic dyke.
- Erfp — Rhyolite Feldspar Porphyry. High level, buff weathering, felsic domes, plugs and laccoliths.

LATE CRETACEOUS AND TERTIARY

- KTgr — Mount McNeil Biotite Granite. Light rusty orange weathering, medium – grained, biotite granite.
- LKlg — Leucogranite. White weathering, medium – grained, sugary textured quartz rich granite.

CRETACEOUS

- Mkgr — Mount Anderson Granite – Granodiorite. Crumbly weathering, biotite, hornblende granite granodiorite.

UPPER JURASSIC AND CRETACEOUS

- JKTcg — Tantalus Formation – Conglomerate. Massive to thick bedded, resistant, medium grey, chert pebble conglomerate with recessive, poorly indurated, gritty sandstone and quartz sandstone interbedded with dark grey shale.
- Jkdi — Fenwick Creek Diorite. Fine to medium acicular hornblende biotite diorite, quartz diorite with mafic xenoliths and minor gabbro.

UPPER TRIASSIC TO JURASSIC

- Tgd — Megacrystic Granite – Granodiorite. Pink potassium feldspar megacrystic granodiorite.

PALEOZOIC AND OLDER

- Pgdn — Granodiorite. Foliated hornblende and hornblende – biotite granodiorite, quartz diorite and quartz monzonite.
- Hcsn — Gneiss, Schist. Resistant, slightly rusty weathering, mesocratic, biotite muscovite quartz and feldspar, schist, gneiss and quartzite.
- Hm — Marble. Variably sheared massive to thickly – bedded white to dark – grey granular marble.

NOTE
Compilation of geology based on Doherty et al (1988) and Skukum Gold Inc's Geologists (1988).

ABBREVIATIONS
Py — Pyrite.
Cp — Chalcopyrite.
Gl — Galena.
Sl — Sphalerite.
Ma — Malachite.
Lm — Limonite.
Qz — Quartz.
Cl — Chlorite.
Cb — Calcite.
Ms — Sericite.
Cy — Clay.
Ep — Epidote.
Alt'n — Alteration.

——— Contact.
– – – Inferred contact.
~~ Fault.
==== Alteration zone.
⊥ Attitude of structure.

Mount Bell 6425

Fenwick Creek

KTgr

Scale 1:10,000
100 0 200 400 600 800 1000
Meters

092710 092710

SKUKUM GOLD INC.
BERG CLAIMS
WHITEHORSE MINING DIVISION – YUKON TERRITORY

PROPERTY GEOLOGY

(64)

N.T.S. 105D/3	MAP No. 1
DRAWN BY: A.L.W., H.F.M., T.M.	DATE: JAN. 1989
NOTE: Contour Interval 100 Feet.	

LEGEND

- ■ Talus Fines Sample.
- ● Stream Sediment Silt Sample.
- ○ GSC Stream Sediment Silt Sample.
- ▲ Rock Sample.

Mount Bell 6425

Fenwick Creek

4500 6000 6200 5300 6000 4200 5500 4500 6000 4000 4500 4700 6000 5500 5100 4500 5000

Scale - 1:10,000

100 0 200 400 600 800 1000 Meters

SKUKUM GOLD INC.

BERG CLAIMS

WHITEHORSE MINING DIVISION — YUKON TERRITORY

092710

SAMPLE LOCATIONS

65

N.T.S. 105D/3	MAP No. 2
DRAWN BY: A.L.W, H.F.M., T.M.	DATE: FEB 1989
NOTE: Contour Interval 100 Feet.	

	Threshold	Anomalous	Strongly Anomalous
Cu ppm	130 183	184 237	≥ 238
Pb ppm	105 145	146 187	≥ 188
Zn ppm	394 538	539 684	≥ 685
As ppm	18 25	26 32	≥ 33
Ag ppm	0.8 1.0	1.1 1.3	≥ 1.4
Au ppb	14 19	20 25	≥ 26

SKUKUM GOLD INC.
BERG CLAIMS
WHITEHORSE MINING DIVISION – YUKON TERRITORY

MINERALIZED SHOWINGS & ANOMALOUS GEOCHEMISTRY

N.T.S. 105D/3	MAP No. 3
DRAWN BY: A.L.W., H.F.M., T.M.	DATE: JAN. 1989
NOTE: Contour Interval 500 Feet.	

APPENDIX 1: - SAMPLE DESCRIPTIONS

SKUKUM GOLD INC. ALW.
PROPERTY : BERG CLAIMS - SB

SAMPLE #	DATE	LOCATION	DESCRIPTIONS
88 5B-4R1	01-AUG-88	BERG CLAIMS - SOUTH-EAST	Calcite + siderite veins up to 1cm with CL, minor MS + LM altn of Kgr 5m wide.
5B-4R2	"	"	Pervaisive EP, some QZ-CL altn of Kgr. -MN + HM staining
5B-4R3	"	"	As above with more QZ-CB euhedral, vuggy veining up to 1cm. wide.
5B-4R4	"	"	Siliceous vein with dis PY and MA staining; gossanous, fine massive QZ, glassy and splintery; Propyllitic altn in ~~soar~~ surrounding Kgr - some CY altn
5B-4R5	"	"	Siliceous vein and altered Kgr - gossanous, with dis PY bleached.
5B-4F1	"	"	10-15cm wide euhedral, vuggy white QZ vein, some limonitic staining on shearplanes, minor WAD.
5B-4R6	"	"	CL-CB altn some QZ-CB veining - vuggy, EP altn as well
5B-4R7	"	"	?
5B-4R8	"	"	10cm wide QZ vein, gossanous honey coloured QZ - occasional vug. 000/85W.
5B-4R9	"	"	Breccia Zone - rounded granitic frags in a chloritic matrix - no sulphides

SKUKUM GOLD INC. - ALW.
PROPERTY : BERG - SB

SAMPLE #	DATE	LOCATION	DESCRIPTIONS
SB-4R10	01-AUG 88	BERG CLAIMS SE end	Intense Pervaisive QZ-MS-PY altin of Kgd (?) - original rock type unrecognizable. extremely gossanous. - dis PY - shearing 040/72N.
SB-4R11	"	"	"
SB-4R12	18-SEP-88	STORMY SHOWING AREA	Siliceous and carb altered with minor galena in cubes along carb altered fractures. chlorite and green clay altin. 140/55NE
SB-4R13	"	" elv 6100'	Malachite stained, white brecciated quartz veining with disseminated sulphides.
SB-4R14	"	" elv 6070'	Malachite stained siliceous and carb altered and veined granite - dis sulphides throughout (CP & PY).
SB-4R15	"	" elv 6100'	Extremely siliceous granite with siderite veins throughout Malachite stained and sulphides including CP-PY possible SL - SB (stibnite) 120/60NE
SB-4R16	"	"	Malachite stained and pervaisive chlorite altered granite with some quartz veining and chalcopyrite
SB-4R17	"	" elv 5960'	Disseminated pyrite through silicified granite.
SB-4R18	"	" elv 5940'	Quartz vein pod, light grey qz well fractured & brecciated with chloritic selvages throughout and finely dis. sulphides, occasionally blotchy. Sulphides include CP, PY and SL. Slightly gossanous. 3m x 1m.

SKUKUM GOLD INC. -
PROPERTY : BERG claims 5b

SAMPLE #	DATE	LOCATION	DESCRIPTIONS
885b-6L1 → 6L9	July/28/88	Creek on north eastern most part of claims	9 silt samples as shown on map. See notes on R.U.'s book.
885b-6R1	"	"	weathered surface is rusty orangy, fresh is dk. greenish green, [illegible]. [illegible] Andesite dyke. hosts 1-2% cu & diss PY
885b-6R2	"	"	rusty redish orange weathered [illegible], Moderately sericitized [illegible] chloritized rock Tr to 1% PY
885b-6R3	"	"	rusty brownish to orangy, clay altered, sericitized some chlor, [illegible]. hosts up to 2% [illegible] Tarnished [illegible], Tr chalco, Mal, Azu.
885b-6R4		"	redish orange oxidized [illegible] Some greenish to limonitic [illegible] chloritized with mod sericite alt, hosts up to 5% cu PY, [illegible]. [illegible]
[illegible] 6R5	[illegible]		redish orange to yellowish [illegible] weathered, [illegible]
885b-6S1, 6S2	"		soil taken from [illegible]
5B-4R19	18-SEP-88	Stormy Showing Area.	Quartz veining similar to Stormy showing - // veins up to 2cm across over 1meter width - Chlorite selvages dis PY throughout 100/58S. Mn stained.
5B-4R20	"	" elv 5970'	Quartz - Carb veining and altn with MN, minor LM staining and finely dis sulphides with galena.
5B-4R21	"	" elv 6040'	Heavy wad stained Quartz + Chlorite + fine grained GL vein Carb & Epidote Altn 10-15cm wide

SKUKUM GOLD INC. -
PROPERTY : Berg 5b Erik B

SAMPLE #	DATE	LOCATION	DESCRIPTIONS
5b-10501 to 5b-10597		See map for Location	
5b-10R01		on ridge where Condor creek runs = correct towards ppp claims Elv 5280	calcite veins 2cm to 8cm wide malachite staining = specs of galena
5b-10R02		Same location Elv 5270	rusty altered calcite vein malachite staining 1-2% py 1 meter wide alter.
5b-10R03		on cliff face : west. Elv 4650	20 meter Pyolite Pykz reddish greenish yellowish colour 2% py altered at base of dykes
5b-10R04		Same spot	Same sample
SB-10R6	18-SEP-88	elv. 5100' Above Fennwick Creek	8meter wide rhyolite dykes cutting through altered granodiorite or granite - rusty red colour - trace pyrite.
SB-4R22	18-SEP-88	Stormy Showing Area elv 6040'	Malachite stained, wad stained Qz + CL vein with fine grained dis galena Carb and epidote Altin 125/55NE
SB-4R23	"	" elv 6100'	Another QZ-CL-EP vein with some carb altin, Malachite stained Galena & sphalerite 130/70NE

SKUKUM GOLD INC. -
PROPERTY : BERG (5b)

SAMPLE #	DATE	LOCATION	DESCRIPTIONS
5b-5R1	July 28	~~SE~~ SW halt, ~~SE~~ of Fenwick creek	Qtz vein stringers up to 2 cm wide in a chloritized granodiorite.
5b-5R2	"	" "	Quartz breccia & veins in strongly chloritized Kgd. 053/12 SE
5b-5R3	"	" "	Rusty vuggy limonitic qtz stringers in Kgd. Stringers usually less than 5mm wide; limonitic boxworks. 134/86 SW.
5b-5F1	"	" "	malachite stained chloritized gd float. 6cm pebble.
5b-5R4	"	" "	Orange-red & yellow limonite and hematite stained, altld gd (?). Bleached & sericitically altld, weak carb alt'n. No sulphides visible
5b-5R5	"	" "	Bleached & altld gd; 3% v. fn. gr. diss py. in cday and sericite altld gd. Strong limonitic weathering.
5b-5R6	"	" "	Very limonitic yellow to orange stained altld gd, ~ tr-2% v. fn. gr. diss py.
5b-5R7	"	" "	Grey, silicified dyke? ~ minor elrusy qtz lined vugs. Light brown weathered. 260/86 NW
5b-5R8	"	" "	Limonite weathered, hematized & bleached Kgd ~ 1% diss v. fn. gr. py.

SKUKUM GOLD INC. -
PROPERTY : ... BERG (5b)

SAMPLE #	DATE	LOCATION	DESCRIPTIONS
5b - 5R9	July 28	SW half, SW of Fenwick Creek.	Limonite weathered chloritized & clay alt'd gd Tr-1% diss py.
5b - 5S1,2	"	" "	2 soils.
5b - 5R10	AUGUST 1	" "	Orange to rusty orange weathered, pink fn. grained felsic dyke(?), ~ 2% 2mm euhedral py, and 2 to 9mm qtz stringers. Minor hematite. Surrounding gd chloritized & limonite alt'd.
5b - 5F2	"	" " el. 4270'	Malachite and azurite stained qtz-calcite veins in alt'd gd. Strong limonitic, hematite, & chlorite alt'n. Tr-1% py, tr chalcopyrite, tr galena(?).
5b - 5F3	"	" " el. 4360'	Chloritized & partially sericitized pyritic alt'd gd. Rusty weathered, ~ limonitic fractures. Tr-2% fn. gr. py. 10cm pebble.
5b - 5F4	"	" " el. 4330'	Rusty weathered fine to med. grained chloritized & epidotized diorite and andesite? Py up to 10% either diss. blebs or as fracture filling, possible pyrrhotite.
5b - 5F5	"	" "	Rusty weathered very pyritic (up to 30%) chlorite alt'd fn. gr. hornblende diorite. Py sweats & disseminated, & fracture filling (5% pyrrhotite ?).

SKUKUM GOLD INC. -
PROPERTY : BERG (5b)

SAMPLE #	DATE	LOCATION	DESCRIPTIONS
5b - SF 6	AUGUST 1	SW half, SW of Fenwick Creek	Brecciated Kgd w subangular 3mm to 2cm fragments reheated by a qtz - carbonate - sulphide matrix. Sulphide(s) is silvery grey v. fn. gr; may be stibnite or arsenopyrite (?); @ 5% total sulphides. Minor chloritization sericite & epidote alt'n - hydrothermal explosion breccia? 12 x 6cm float.
5b - SR 11	"	" "	Very rusty weathered limonitic, pyritic gd & felsic dykes. Tr - 2% fn. gr. py, minor qtz stringers, & limonitic boxworks. Grab sample; zone 1m x ~4m
5b - SR 12	"	" "	Chloritized fault gouge / brecciated gd. Angular to subangular 2mm to 6cm fragments. 111/80° SW
5b - SF 7	"	" "	Strongly alt'd gossanous gd. Limonitic sericitic weak carb & in part strongly silicified alt'ns. Tr py; bleached.
5b - SR 13	"	" "	Very strongly alt'd bleached gd w 1-5% fine to coarse (2mm) py, sericitized & silicified. Very limonitic.
5b - SR 14	"	" "	Yellow to orange v. limonitic v. strongly alt'd gd; silicified, argillic (kaolinite?) & sericitic alt'n. 1% fn gr. py; minor wad.

SKUKUM GOLD INC. -
PROPERTY : BERG (5b) - Hugh

SAMPLE #	DATE	LOCATION	DESCRIPTIONS
5b-5F8	August 1	sw hals ; sw of Fenwick Creek	Strongly bleached, limonitic pyritic (6%), silicified, gd(?).
5b-5S3 to 5S10	"	" "	8 soils ; see notes for descriptions
5b-5F9	Sept. 18	West facing slopes above Fenwick creek el. 5900'	Qtz-calcite breccia vein float w tr galena & py, Strong fe carb-siderite? & carb altn, strong chloritization.
5b-5R15	"	" el. 5840'	Cryptocrystalline qtz vein stockwork in weakly chloritized & epidotized granite.
5b-5F10	"	"	Pyritic silicified very gossanous gneiss, qtz rich w v. fn. gr. py, diss magnetite.
5b-5L1, 2	"	"	silts in main cirque
5b-5S11	"	"	1 soil/talus fine in gully

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: NOV 8 1988
DATE REPORT MAILED: Nov. 15/88

ASSAY CERTIFICATE

- SAMPLE TYPE: Pulp 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-5B FILE # 88-4797R

SAMPLE#	Pb %	Ag** OZ/T
88-5B-4R-16	-	1.82
88-5B-4R-18	-	1.61
88-5B-4R-21	1.81	-

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. 22/88.

ASSAY CERTIFICATE

- SAMPLE TYPE: Pulp 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 5B FILE # 88-3444R

SAMPLE#	AG** oz/t
88-5B-5F-2	1.70

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

DATE RECEIVED: AUG 8 1988
DATE REPORT MAILED: Aug. 17/88

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-P8 SOIL P9 SILT P10-P11 ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.
P-40 MESH, PULVERIZED

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

SKUKUM GOLD INC. PROJECT 5B FILE # 88-3444 Page 1

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
88-5B-2S-1	25	9	69	.1	2	2	480
88-5B-2S-2	38	21	84	.3	3	2	3
88-5B-2S-3	33	16	84	.2	3	2	2
88-5B-2S-4	17	5	54	.1	2	2	2
88-5B-2S-5	19	7	55	.1	2	2	1
88-5B-2S-6	24	10	53	.1	2	2	57
88-5B-2S-7	23	13	80	.1	2	2	3
88-5B-2S-8	12	6	44	.1	2	2	1
88-5B-2S-9	21	10	50	.1	2	2	1
88-5B-2S-10	20	10	58	.1	2	3	4
88-5B-2S-11	15	9	83	.2	2	2	1
88-5B-2S-12	23	19	73	.1	2	2	1
88-5B-2S-13	23	14	84	.1	2	2	2
88-5B-2S-14	17	9	55	.1	2	2	1
88-5B-2S-15	14	10	62	.2	2	2	2
88-5B-2S-16	45	27	100	.1	3	2	1
88-5B-2S-17	42	23	98	.2	2	2	5
88-5B-2S-18	12	13	53	.1	2	2	3
88-5B-2S-19	16	7	58	.1	2	2	4
88-5B-2S-20	10	10	52	.1	2	2	4
88-5B-2S-21	20	12	46	.1	2	2	128
88-5B-2S-22	25	17	62	.2	2	2	6
88-5B-2S-23	18	15	118	.1	2	2	1
88-5B-2S-24	20	12	62	.1	2	2	8
88-5B-2S-25	18	16	54	.1	2	2	9
88-5B-2S-26	19	9	63	.1	2	2	1
88-5B-2S-27	15	14	56	.1	4	2	1
88-5B-2S-28	19	12	54	.1	2	3	2
88-5B-2S-29	18	13	59	.1	2	2	3
88-5B-2S-30	17	8	57	.1	2	2	1
88-5B-2S-31	15	10	54	.1	2	2	1
88-5B-2S-32	17	7	87	.1	2	2	1
88-5B-2S-33	13	4	66	.1	2	2	1
88-5B-2S-34	20	10	59	.1	2	2	1
88-5B-2S-35	29	19	52	.2	2	2	2
88-5B-2S-36	28	23	40	.1	3	2	1
STD C/AU-S	57	37	132	7.0	39	16	52

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
88-5B-2S-37	21	14	59	.1	2	2	6
88-5B-2S-38	16	15	43	.1	2	2	2
88-5B-2S-39	14	11	45	.1	2	2	3
88-5B-2S-40	13	8	39	.1	3	2	1
88-5B-2S-41	23	19	68	.1	4	2	5
88-5B-2S-42	10	13	53	.1	2	2	7
88-5B-2S-43	11	9	61	.1	2	2	1
88-5B-2S-44	13	10	63	.1	2	2	1
88-5B-2S-45	21	18	53	.1	2	2	2
88-5B-2S-46	20	16	57	.2	4	2	3
88-5B-2S-47	17	20	85	.1	2	2	1
88-5B-2S-48	14	15	59	.1	2	2	6
88-5B-2S-49	15	11	73	.1	2	2	2
88-5B-2S-50	7	5	21	.2	2	2	1
88-5B-2S-51	19	13	62	.1	2	2	1
88-5B-2S-52	19	14	55	.1	2	2	2
88-5B-2S-53	18	14	50	.1	2	2	1
88-5B-2S-54	18	13	60	.1	2	2	2
88-5B-2S-55	13	9	55	.1	3	2	4
88-5B-2S-56	14	13	65	.1	3	2	1
88-5B-2S-57	21	7	46	.1	2	2	1
88-5B-2S-58	16	14	54	.1	2	2	1
88-5B-2S-59	18	19	55	.1	2	2	1
88-5B-2S-60	22	15	71	.1	2	2	4
88-5B-2S-61	31	69	76	.5	4	2	24
88-5B-2S-62	31	80	80	.6	2	2	32
88-5B-2S-63	26	22	69	.1	2	2	6
88-5B-2S-64	34	38	84	.2	2	2	7
88-5B-2S-65	36	27	69	.1	2	2	6
88-5B-2S-66	26	24	61	.3	2	2	21
88-5B-2S-67	37	48	75	.5	2	2	3
88-5B-2S-68	36	46	72	.8	2	2	6
88-5B-2S-69	65	25	108	.5	2	2	24
88-5B-2S-70	33	32	98	.7	11	2	28
88-5B-2S-71	24	32	73	.1	2	2	5
88-5B-2S-72	31	84	78	.3	2	2	6
STD C/AU-S	58	37	132	7.1	40	20	53

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
88-5B-2S-73	33	12	58	.2	3	2	4
88-5B-2S-74	70	22	91	.6	6	2	1
88-5B-2S-75	56	31	86	.7	5	2	6
88-5B-2S-76	49	18	60	.2	2	2	12
88-5B-2S-77	43	23	61	.2	3	2	1
88-5B-2S-78	38	9	56	.3	2	2	1
88-5B-2S-79	93	29	103	.5	6	2	3
88-5B-2S-80	41	13	48	.2	3	2	1
88-5B-2S-81	30	29	77	.5	2	2	1
88-5B-2S-82	13	14	65	.2	4	2	1
88-5B-2S-83	28	29	89	.2	5	2	1
88-5B-2S-84	22	37	91	.2	2	2	8
88-5B-2S-85	57	50	144	.6	3	2	1
88-5B-2S-86	39	78	125	.2	5	2	2
88-5B-2S-87	23	188	120	.7	4	2	1
88-5B-2S-88	66	319	202	1.1	4	2	1
88-5B-2S-89	22	85	146	.3	5	2	1
88-5B-2S-90	28	79	108	.3	2	2	1
88-5B-2S-91	23	53	94	.1	3	2	2
88-5B-2S-92	43	62	121	.6	4	2	1
88-5B-2S-93	16	27	68	.2	3	2	1
88-5B-2S-94	22	51	94	.1	5	2	1
88-5B-2S-95	6	15	56	.1	2	2	1
88-5B-2S-96	27	39	108	.2	4	2	4
88-5B-2S-97	21	31	96	.3	3	2	1
88-5B-2S-98	18	29	142	.1	2	2	1
88-5B-2S-99	41	153	129	.6	6	4	1
88-5B-2S-100	30	42	91	.2	6	3	1
88-5B-2S-101	35	35	76	.2	5	2	1
88-5B-2S-102	23	57	99	.4	31	2	1
88-5B-2S-103	169	330	159	3.7	13	37	2
88-5B-2S-104	43	36	104	.3	9	2	19
88-5B-2S-105	34	57	82	.4	10	2	1
88-5B-2S-106	38	64	96	.2	11	2	3
88-5B-2S-107	27	41	100	.1	27	2	1
88-5B-2S-108	58	26	75	.4	11	2	1
STD C/AU-S	57	35	132	6.9	37	18	51

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
88-5B-2S-109	26	36	94	.1	6	2	1
88-5B-2S-110	41	14	75	.2	8	2	1
88-5B-2S-111	47	26	78	.1	7	2	1
88-5B-2S-112	55	11	87	.1	3	2	2
88-5B-2S-113	72	26	49	.2	4	3	1
88-5B-2S-114	25	10	53	.1	3	2	1
88-5B-2S-115	56	20	73	.1	3	2	1
88-5B-2S-116	24	20	103	.1	3	2	1
88-5B-2S-117	35	18	60	.1	4	2	1
88-5B-2S-118	16	19	60	.1	3	2	1
88-5B-2S-119	17	13	50	.1	2	2	1
88-5B-2S-120	18	46	83	.1	2	2	1
88-5B-2S-121	16	14	66	.1	2	2	1
88-5B-2S-122	19	14	64	.1	2	2	1
88-5B-2S-123	18	15	67	.1	2	2	1
88-5B-2S-124	17	14	64	.1	4	2	7
88-5B-2S-125	20	16	52	.1	3	2	1
88-5B-2S-126	22	24	75	.1	5	2	1
88-5B-2S-127	23	15	67	.1	2	2	1
88-5B-2S-128	21	20	70	.1	3	2	2
88-5B-2S-129	21	18	77	.1	3	2	1
88-5B-2S-130	24	23	78	.1	3	2	1
88-5B-2S-131	27	13	91	.3	3	2	1
88-5B-2S-132	15	18	99	.1	3	2	1
88-5B-2S-133	178	52	208	1.6	6	2	3
88-5B-2S-134	23	17	82	.1	2	2	2
88-5B-2S-135	24	25	95	.1	4	2	1
88-5B-2S-136	51	29	91	.2	4	2	1
88-5B-2S-137	126	97	112	.8	4	4	1
88-5B-2S-138	45	17	112	.1	2	2	1
88-5B-2S-139	41	19	105	.1	3	2	2
88-5B-2S-140	46	24	78	.1	4	2	1
88-5B-2S-141	196	31	74	.5	24	2	1
88-5B-2S-142	23	25	105	.1	2	2	2
88-5B-2S-143	23	19	72	.1	3	5	1
88-5B-2S-144	36	21	65	.1	4	5	15
STD C/AU-S	58	37	132	7.2	40	19	47

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
88-5B-2S-145	29	14	128	.2	2	2	3
88-5B-2S-146	54	36	66	.2	8	8	1
88-5B-2S-147	49	22	85	.1	3	3	1
88-5B-2S-148	31	14	66	.1	7	2	2
88-5B-2S-149	93	27	85	.1	4	2	1
88-5B-2S-150	132	42	129	2.0	10	12	5
88-5B-2S-151	12	18	41	.3	3	5	2
88-5B-4S-1	16	38	146	.1	3	2	2
88-5B-4S-2	33	19	107	.3	2	2	1
88-5B-4S-3	19	30	84	.1	2	2	1
88-5B-4S-4	20	62	93	.1	3	2	2
88-5B-4S-5	24	28	93	.1	2	2	1
88-5B-4S-6	71	41	60	.1	2	2	1
88-5B-4S-7	42	51	102	.4	2	3	1
88-5B-4S-8	54	22	81	.1	2	2	1
88-5B-4S-9	82	175	131	.6	10	2	2
88-5B-4S-10	21	32	94	.1	3	2	3
88-5B-4S-11	154	17	110	.1	103	2	2
88-5B-4S-12	132	25	106	.2	9	2	1
88-5B-4S-13	54	50	190	.2	15	2	1
88-5B-4S-14	76	37	81	.6	14	2	1
88-5B-5S-1	9	33	53	.1	2	2	2
88-5B-5S-2	19	21	268	.2	4	2	4
88-5B-5S-3	85	278	361	1.3	14	17	8
88-5B-5S-4	16	115	367	.1	3	2	1
88-5B-5S-5	34	72	133	.2	2	2	1
88-5B-5S-6	12	428	434	2.6	3	2	33
88-5B-5S-7	41	60	346	.6	2	2	8
88-5B-5S-8	128	210	353	3.1	5	2	20
88-5B-5S-9	30	33	96	.5	2	2	2
88-5B-5S-10	29	35	171	.3	2	2	6
88-5B-6S-1	417	2110	2153	10.8	49	20	44
88-5E-6S-2	185	148	272	11.5	50	8	25
88-5B-10S-1	15	24	98	.2	3	2	2
88-5B-10S-2	14	18	72	.3	2	2	5
88-5B-10S-3	14	16	114	.3	2	2	2
STD C/AU-S	58	36	132	7.2	39	17	49

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
88-5B-10S-4	8	12	51	.3	3	2	1
88-5B-10S-5	19	26	124	.3	5	3	1
88-5B-10S-6	20	27	94	.3	3	2	2
88-5B-10S-7	14	18	72	.2	4	3	1
88-5B-10S-8	17	22	98	.2	4	2	1
88-5B-10S-9	24	27	77	1.2	5	2	2
88-5B-10S-10	14	20	83	.2	3	2	1
88-5B-10S-11	10	11	73	.1	3	2	1
88-5B-10S-12	17	14	62	.2	3	2	1
88-5B-10S-13	10	17	96	.1	4	2	1
88-5B-10S-14	10	17	70	.2	2	2	3
88-5B-10S-15	8	16	77	.1	3	2	3
88-5B-10S-16	22	33	150	.2	5	2	2
88-5B-10S-17	10	14	97	.2	2	2	2
88-5B-10S-18	12	11	82	.1	3	2	1
88-5B-10S-19	11	12	79	.2	2	2	2
88-5B-10S-20	11	15	86	.3	3	2	1
88-5B-10S-21	10	11	93	.2	2	3	1
88-5B-10S-22	11	14	78	.1	2	2	1
88-5B-10S-23	18	17	82	.6	2	2	2
88-5B-10S-24	10	14	78	.1	2	3	1
88-5B-10S-25	10	11	77	.1	2	2	1
88-5B-10S-26	14	36	104	.4	3	2	1
88-5B-10S-27	17	25	145	.4	2	2	1
88-5B-10S-28	13	18	79	.2	2	2	1
88-5B-10S-29	62	134	256	1.9	3	4	9
88-5B-10S-30	30	48	119	.7	3	2	5
88-5B-10S-31	15	24	97	.3	3	2	2
88-5B-10S-32	10	22	82	.1	3	2	3
88-5B-10S-34	10	13	73	.1	2	2	1
88-5B-10S-35	18	23	154	.4	4	2	2
88-5B-10S-36	18	16	118	.2	2	2	1
88-5B-10S-37	20	22	153	.2	2	2	1
88-5B-10S-38	11	20	67	.1	2	2	2
88-5B-10S-39	10	16	89	.1	2	2	2
88-5B-10S-40	20	37	139	.1	2	2	6
STD C/AU-S	58	41	132	7.1	40	17	50

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
88-5B-10S-41	11	29	61	.2	3	2	18
88-5B-10S-42	13	28	75	.3	2	2	1
88-5B-10S-43	12	27	74	.3	3	2	1
88-5B-10S-44	10	14	64	.4	2	2	1
88-5B-10S-45	32	27	159	1.9	3	2	1
88-5B-10S-46	15	24	65	.2	4	2	1
88-5B-10S-47	8	8	35	.3	2	2	1
88-5B-10S-48	36	33	178	.8	4	2	1
88-5B-10S-49	16	16	66	.1	3	2	1
88-5B-10S-50	15	26	82	.1	3	2	62
88-5B-10S-51	12	21	64	.3	3	2	1
88-5B-10S-52	9	9	55	.1	2	2	1
88-5B-10S-53	56	28	246	1.9	2	2	2
88-5B-10S-54	19	34	108	.6	2	2	1
88-5B-10S-55	9	9	163	.3	2	2	1
88-5B-10S-56	25	23	187	.2	3	2	1
88-5B-10S-57	37	41	77	.6	6	3	1
88-5B-10S-58	138	51	167	2.7	10	31	1
88-5B-10S-59 P	28	15	159	.2	2	2	1
88-5B-10S-60	53	29	586	.2	5	2	2
88-5B-10S-61	35	26	226	.1	3	2	1
88-5B-10S-62	36	23	289	.2	3	2	1
88-5B-10S-63	16	7	166	.1	2	2	1
88-5B-10S-64	14	21	131	.1	2	2	1
88-5B-10S-65	43	44	112	.1	2	2	1
88-5B-10S-66 P	8	17	73	.1	2	2	1
88-5B-10S-67 P	16	9	64	.1	2	2	2
88-5B-10S-68	26	22	86	.1	2	2	1
88-5B-10S-69	39	28	112	.3	2	2	1
88-5B-10S-70	26	24	71	.2	4	2	1
88-5B-10S-71	11	9	35	.1	2	2	4
88-5B-10S-72	20	19	57	.1	2	2	1
88-5B-10S-73	41	44	86	.1	2	2	2
88-5B-10S-74	31	44	119	.2	4	2	1
88-5B-10S-75	30	40	130	.4	3	2	1
88-5B-10S-76	19	18	76	.1	2	2	1
STD C/AU-S	59	37	132	6.7	41	17	53

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
88-5B-10S-77	21	20	85	.1	2	2	2
88-5B-10S-78	15	18	78	.1	2	2	1
88-5B-10S-79	20	10	195	.2	2	2	1
88-5B-10S-80	46	26	139	.5	2	2	1
88-5B-10S-81	17	20	70	.1	3	2	1
88-5B-10S-82	13	19	77	.1	2	2	1
88-5B-10S-83	9	8	43	.1	2	2	5
88-5B-10S-84	16	16	111	.1	2	2	1
88-5B-10S-85	35	26	223	.1	2	2	1
88-5B-10S-86	45	41	154	.2	5	2	1
88-5B-10S-87	15	22	71	.1	2	2	1
88-5B-10S-88	12	12	136	.1	2	2	1
88-5B-10S-89	8	15	67	.2	2	2	1
88-5B-10S-90	13	24	146	.1	3	2	1
88-5B-10S-91	15	39	182	.2	3	2	2
88-5B-10S-92	10	27	147	.1	2	2	1
88-5B-10S-93	11	25	229	.1	2	2	1
88-5B-10S-94	12	13	102	.1	2	2	1
88-5B-10S-95	5	10	58	.1	2	2	1
88-5B-10S-96	19	23	234	.1	2	2	1
88-5B-10S-97	8	12	54	.1	2	2	1
STD C/AU-S	59	38	132	6.8	42	16	53

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
88-5B-2L-1	27	9	64	.2	2	2	3
88-5B-2L-2	26	9	50	.1	2	2	9
88-5B-4L-1	32	14	88	.3	14	2	1
88-5B-4L-2	32	8	79	.2	8	2	1
88-5B-6L-1	15	16	86	.2	2	2	1
88-5B-6L-2 P	12	13	77	.1	3	2	2
88-5B-6L-3	13	14	83	.1	4	2	1
88-5B-6L-4 P	9	13	60	.1	2	2	2
88-5B-6L-5 P	19	28	99	.1	5	2	1
88-5B-6L-6 P	50	58	190	.5	12	4	1
88-5B-6L-7	42	44	188	.3	9	4	2
88-5B-6L-8	48	49	180	.4	9	5	3
88-5B-6L-9	52	52	161	.2	8	3	1
STD C/AU-S	58	37	132	6.7	43	16	47

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
88-5B-4R-1	6	51	35	21	1.2	9	2	114	.61	2	5	ND	1	7	1	5	2	7	.06	.001	4	28	.04	72	.01	2	.20	.01	.09	1	11
88-5B-5R-1	133	1506	277	173	38.7	11	4	93	1.67	22	6	ND	18	13	2	112	4	6	.21	.040	17	23	.38	55	.01	3	1.32	.02	.18	1	2
88-5B-5R-2	4	2289	56	443	57.0	9	5	1599	1.98	212	5	ND	27	97	23	961	8	7	3.29	.030	17	20	.81	114	.01	4	.25	.02	.16	1	1
88-5B-5R-3	3	20	6	11	.4	11	16	134	1.31	2	5	ND	16	16	1	5	2	5	.63	.044	16	27	.10	90	.01	2	.34	.03	.18	1	1
88-5B-5R-4	3	7	2	88	.1	26	22	799	3.60	2	5	ND	2	56	1	2	2	56	1.23	.148	10	47	1.36	43	.19	7	1.56	.05	.06	1	1
88-5B-5R-5	1	4	5	102	.2	15	17	665	3.64	4	5	ND	4	45	1	2	2	34	.65	.074	7	48	1.09	56	.13	3	1.24	.04	.07	1	1
88-5B-5R-6	3	3	4	33	.1	5	1	227	.82	2	5	ND	16	15	2	2	2	7	.35	.011	23	20	.10	13	.01	4	.25	.04	.06	1	1
88-5B-5R-7	4	3	7	21	.3	2	1	126	1.30	2	5	ND	21	17	3	2	2	4	.02	.025	39	15	.28	487	.01	6	.37	.04	.10	1	1
88-5B-5R-8	2	39	2	1	.5	3	1	11	.36	2	5	ND	6	35	2	2	2	1	.03	.026	21	12	.01	907	.01	3	.26	.01	.18	1	1
88-5B-4R-1	1	5	15	34	.2	4	5	910	1.31	2	5	ND	3	1680	2	2	2	4	16.12	.026	10	17	.20	1044	.01	8	.20	.02	.19	1	1
88-5B-4R-2	3	25	8	81	.1	8	3	5000	3.70	2	5	ND	1	230	1	2	2	18	6.91	.021	5	24	.64	51	.02	3	1.67	.01	.02	1	1
88-5B-4R-3	2	31	2	29	.1	7	3	320	.91	2	5	ND	2	113	1	2	2	9	1.68	.012	7	40	.19	45	.01	3	.77	.01	.12	1	1
88-5B-4R-4	373	196	7	17	1.5	12	22	93	1.85	392	5	ND	2	23	1	4	2	7	.17	.001	3	34	.11	340	.01	4	.33	.01	.03	1	3
88-5B-4R-5	3	62	13	33	.3	5	4	301	2.52	17	5	ND	2	60	1	3	2	26	4.52	.024	5	22	.22	95	.02	8	3.25	.01	.01	1	1
88-5B-4R-6	4	12	9	57	.1	12	9	700	2.91	2	5	ND	5	159	1	2	2	14	4.66	.050	13	27	.34	2741	.01	9	.47	.01	.12	1	8
88-5B-4R-7	9	127	90	227	.7	5	13	482	3.50	77	5	ND	2	86	1	12	2	77	3.46	.040	5	16	.94	73	.12	3	2.31	.07	.09	1	1
88-5B-4R-8	8	115	6	5	.3	10	2	35	.94	20	5	ND	2	3	1	2	2	4	.03	.002	2	34	.03	12	.01	4	.19	.01	.01	1	2
88-5B-4R-9	1	12	14	76	.2	8	6	664	2.21	2	5	ND	9	53	3	2	2	14	2.12	.043	27	13	.35	40	.01	5	1.14	.02	.19	1	1
88-5B-4R-10	177	111	25	13	.6	3	1	47	10.59	3	5	ND	6	15	1	2	61	30	.01	.068	2	10	.14	142	.98	2	.41	.02	.24	21	1
88-5B-4R-11	12	34	5	31	.4	3	6	228	5.20	2	5	ND	11	30	1	2	7	35	.30	.058	10	5	.79	30	.10	2	.93	.02	.13	211	3
88-5B-5R-1	1	4	7	32	.1	3	1	276	.71	2	5	ND	3	28	2	2	2	3	.98	.002	3	3	.08	101	.01	4	.27	.01	.09	1	4
88-5B-5R-2	1	7	10	34	.1	5	3	70	.74	2	5	ND	13	23	2	2	2	3	.15	.014	22	5	.14	1693	.01	3	.45	.01	.12	1	1
88-5B-5R-3	55	142	10	12	1.7	3	2	76	4.47	2	5	ND	13	51	1	2	20	16	.03	.026	23	7	.06	100	.01	2	.35	.08	.23	27	1
88-5B-5R-4	6	25	123	19	1.9	1	1	23	1.63	2	5	ND	4	15	1	2	4	2	.01	.006	10	1	.01	108	.01	2	.22	.04	.20	1	1
88-5B-5R-5	30	8	12	13	.1	2	3	139	2.63	2	5	ND	25	7	1	2	3	4	.03	.028	26	1	.06	107	.01	2	.28	.04	.09	1	3
88-5B-5R-6	3	84	7	5	.6	2	2	22	1.46	2	5	ND	3	11	1	2	2	1	.03	.305	6	1	.01	385	.01	3	.27	.01	.19	1	1
88-5B-5R-7	70	75	26	5	.7	1	1	25	.23	2	5	ND	3	10	2	2	2	1	.02	.001	11	2	.01	358	.01	4	.26	.01	.17	1	2
88-5B-5R-8	20	17	133	55	4.7	2	4	1374	4.33	2	5	ND	13	50	2	2	6	9	1.35	.023	12	4	.20	28	.01	4	.52	.04	.08	1	65
88-5B-5R-9	2	21	17	26	.3	1	1	73	1.43	2	5	ND	53	41	2	2	2	1	.03	.013	62	1	.02	358	.01	2	.27	.02	.16	1	1
88-5B-5R-10	3	6	42	89	.2	3	4	632	1.44	2	5	ND	18	28	2	2	2	2	1.07	.008	14	3	.23	583	.01	2	.19	.04	.07	1	19
88-5B-5R-11	28	8	70	21	1.0	3	3	133	1.38	2	5	ND	18	13	2	2	3	2	.16	.012	18	2	.03	157	.01	2	.26	.02	.16	1	5
88-5B-5R-12	4	46	26	94	.4	3	3	334	1.01	2	5	ND	24	50	4	2	3	5	.79	.018	27	5	.27	744	.01	6	.57	.02	.13	1	4
88-5B-5R-13	11	8	11	5	.1	3	2	82	1.38	2	5	ND	45	11	3	2	2	2	.03	.009	56	2	.09	91	.01	2	.28	.01	.15	1	1
88-5B-5R-14	24	39	11	8	.6	2	2	29	1.52	2	5	ND	5	18	1	2	2	2	.05	.008	7	1	.02	21	.01	3	.20	.01	.19	1	1
88-5B-6R-1	2	18	10	78	.1	68	15	453	2.77	16	5	ND	2	61	1	2	2	42	1.07	.110	7	145	1.52	63	.16	5	1.63	.07	.07	1	1
88-5B-6R-2	1	33	21	81	.3	5	6	754	2.42	9	5	ND	6	66	1	3	2	29	.56	.043	4	14	1.11	135	.10	3	1.21	.03	.03	1	4
STD C/AU-R	19	62	38	132	7.4	72	30	1111	3.95	40	22	7	40	52	18	17	19	63	.52	.097	40	61	.90	182	.08	37	1.88	.06	.15	12	490

SKUKUM GOLD INC. PROJECT 5B FILE # 88-3444

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
88-5B-GR-3	7	297	499	1673	9.5	16	16	5412	4.00	3	5	ND	7	51	10	2	13	52	.58	.063	6	46	2.51	111	.06	2	2.64	.03	.08	4	4
88-5B-GR-4	10	106	40	609	2.4	43	22	9300	11.94	9	5	ND	4	42	1	2	2	66	.44	.070	2	80	3.70	6	.07	2	5.26	.01	.03	1	6
88-5B-GR-5	3	23	11	2	.1	2	1	36	.54	2	5	ND	2	23	1	2	3	8	.04	.017	5	4	.01	67	.01	6	.14	.01	.07	1	1

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

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 11 1988 DATE REPORT MAILED: Aug 20/88 ASSAYER. C. Leong ..D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

SKUKUM GOLD INC. PROJECT 5B File # 88-3551 BERG 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
88-5B-2F-1	4	21	40	180	2.9	6	19	2572	8.00	52	5	ND	1	328	1	2	2	6	11.72	.010	2	9	2.71	13	.01	2	.14	.01	.07	1	103
88-5B-2F-2	2	80	51	257	4.8	5	11	1422	4.06	40	5	ND	1	108	3	2	4	6	4.22	.028	3	8	.88	39	.01	5	.28	.01	.12	1	87
88-5B-10R-1	19	284	169	360	6.3	17	14	3066	7.17	31	5	ND	1	377	4	117	2	18	15.94	.008	3	5	4.11	619	.01	7	.09	.01	.05	1	3
88-5B-10R-2	9	19	68	28	.5	4	3	44	1.75	2	5	ND	8	47	1	2	2	1	.10	.007	9	1	.03	59	.01	6	.27	.01	.17	3	5
88-5B-10R-3	1	62	7	8	.4	1	1	38	1.63	2	5	ND	5	14	1	2	3	1	.13	.005	15	1	.05	162	.01	5	.28	.01	.19	2	1
88-5B-10R-4	3	146	19	10	1.6	2	2	15	2.30	3	5	ND	25	15	4	2	2	1	.04	.006	32	2	.01	55	.01	8	.27	.01	.18	4	17
STD C/AU-R	18	57	37	132	6.5	69	29	1024	4.28	40	19	7	38	48	17	17	20	58	.48	.094	42	61	.95	180	.07	33	1.97	.06	.14	12	480

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

DATE RECEIVED: SEP 26 1988
DATE REPORT MAILED: Sept. 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: ROCK 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 5B FILE # 88-4797 BERG CI.

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
88-5B-4R-12	76	478	804	1.4	20	1
88-5B-4R-13	447	459	1277	4.9	45	1
88-5B-4R-14	3438	170	588	19.6	912	1
88-5B-4R-15	2152	113	556	12.5	598	1
88-5B-4R-16	4303	8494	3841	55.2	21	19
88-5B-4R-17	45	78	49	.5	45	12
88-5B-4R-18	3952	4467	1722	52.5	177	8
88-5B-4R-19	78	325	59	2.4	77	23
88-5B-4R-20	119	1201	208	5.1	12	2
88-5B-4R-21	198	16605✓	5605	31.8	8	7
88-5B-4R-22	1205	3639	1636	25.2	16	23
88-5B-4R-23	602	1985	598	15.6	10	20
88-5B-5F-9	505	5058	3382	9.4	13	6
88-5B-5F-10	112	65	131	.1	7	1
88-5B-5R-15	10	46	70	.1	2	1
88-5B-10R-6	11	18	92	.1	2	1
STD C/AU-R	57	40	133	6.6	44	530

✓ ASSAY REQUIRED FOR CORRECT RESULT

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

DATE RECEIVED: SEP 27 1988
DATE REPORT MAILED: Oct. 4/88

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: SOIL 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 5B FILE # 88-4838 Page 1 BERG C/.

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
88-5B-4S-15	39	22	118	.2	11	4
88-5B-4S-16	141	346	633	1.3	13	5
88-5B-4S-17	137	324	469	1.0	17	19
88-5B-4S-18	671	1806	844	1.2	23	10
88-5B-4S-19	139	186	137	.4	13	2
88-5B-4S-20	62	34	95	.3	8	1
88-5B-5S-11	14	21	80	.1	3	1
88-5B-7S-1	42	22	81	.1	8	6
88-5B-7S-2	73	31	103	.1	9	3
88-5B-7S-3	48	22	82	.2	10	1
88-5B-7S-4	51	46	104	.2	11	2
88-5B-7S-5	83	79	163	.2	12	1
88-5B-7S-6	47	31	100	.2	9	1
88-5B-7S-7	34	24	82	.2	10	1
88-5B-7S-8	36	31	94	.2	10	2
88-5B-7S-9	34	26	143	.1	11	5
88-5B-7S-10	36	34	151	.2	9	3
88-5B-7S-11	31	25	111	.2	6	1
88-5B-7S-12	44	47	126	.1	11	1
88-5B-7S-13	15	30	111	.1	8	1
88-5B-7S-14	14	44	214	.1	6	1
88-5B-7S-15	11	15	186	.2	6	1
88-5B-7S-16	15	33	106	.1	9	52
88-5B-7S-17	12	24	103	.1	9	6
88-5B-7S-18	9	20	116	.2	7	2
88-5B-7S-19	11	17	85	.1	10	1
88-5B-7S-20	11	17	75	.1	12	112
88-5B-7S-21	11	29	113	.3	8	1
88-5B-7S-22	17	38	96	.2	9	27
88-5B-7S-23	11	27	105	.2	11	1
88-5B-7S-24	11	24	82	.1	3	1
88-5B-7S-25	17	28	90	.2	11	2
88-5B-7S-26	15	26	79	.2	9	1
88-5B-7S-27	19	29	112	.2	12	2
88-5B-7S-28	103	31	89	.4	7	2
88-5B-7S-29	23	28	109	.4	8	4
STD C/AU-S	58	43	132	7.2	40	53

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
88-5B-7S-30	21	23	102	.2	4	1
88-5B-7S-31	34	25	87	.1	5	3
88-5B-7S-32	23	22	81	.2	4	32
88-5B-7S-33	35	12	69	.1	5	10
88-5B-7S-34	28	12	63	.1	6	1
88-5B-7S-35	92	23	88	.5	10	5
88-5B-7S-36	45	27	104	.2	6	1
88-5B-7S-37	28	22	91	.2	4	1
88-5B-7S-38	15	22	83	.1	6	1
88-5B-7S-39	17	17	79	.1	5	1
88-5B-7S-40	15	16	84	.1	5	1
88-5B-7S-41	19	35	114	.2	7	1
88-5B-7S-42	14	16	99	.2	4	1
88-5B-7S-43	15	25	100	.1	9	1
88-5B-7S-44	15	26	99	.1	7	1
88-5B-7S-45	15	25	107	.1	7	1
88-5B-7S-46	11	11	73	.1	4	2
88-5B-7S-47	17	67	133	.1	5	2
88-5B-7S-48	10	18	88	.1	5	1
88-5B-10S-100	67	24	103	.1	7	1
88-5B-10S-101	70	35	111	.1	10	4
88-5B-10S-102	48	35	113	.1	10	1
88-5B-10S-103	34	33	95	.1	9	1
88-5B-10S-104	37	24	94	.1	4	1
88-5B-10S-105	27	37	134	.1	2	1
88-5B-10S-106	21	29	263	.1	2	2
88-5B-10S-107	18	22	136	.2	3	2
88-5B-10S-108	32	22	99	.1	2	1
88-5B-10S-109	18	30	111	.1	2	1
88-5B-10S-110	14	16	106	.2	2	1
88-5B-10S-111	12	21	74	.1	2	1
88-5B-10S-112	12	17	68	.1	2	2
88-5B-10S-113	14	21	164	.1	3	2
88-5B-10S-114	16	29	95	.1	2	1
88-5B-10S-115	14	25	102	.1	2	2
88-5B-10S-116	19	38	116	.1	2	5
STD C/AU-S	60	37	132	7.1	37	49

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
88-5B-10S-117	11	18	94	.1	2	1
88-5B-10S-118	14	36	135	.1	2	3
88-5B-10S-119	39	29	95	.1	4	1
88-5B-10S-120	17	23	88	.1	2	1
88-5B-10S-121	15	36	119	.1	3	1
88-5B-10S-122	21	35	111	.1	2	1
88-5B-10S-123	27	27	96	.1	2	3
88-5B-10S-124	18	32	137	.1	4	1
88-5B-10S-125	27	40	147	.1	5	2
88-5B-10S-126	26	27	98	.1	5	2
88-5B-10S-127	14	13	59	.1	2	2
88-5B-10S-128	23	36	116	.1	4	3
88-5B-10S-129	23	53	145	.1	5	1
88-5B-10S-130	40	30	92	.1	5	1
88-5B-10S-131	38	25	98	.1	4	1
88-5B-10S-132	19	40	134	.1	10	1
88-5B-10S-133	36	63	169	.1	20	1
88-5B-10S-134	17	51	167	.1	11	1
88-5B-10S-135	28	170	235	.1	3	1
88-5B-10S-136	19	53	195	.1	5	4
88-5B-10S-137	21	146	176	.1	5	1
88-5B-10S-138	32	81	154	.1	14	1
88-5B-10S-139	27	139	245	.1	7	1
88-5B-10S-140	50	76	121	.1	9	2
88-5B-10S-141	34	97	173	.1	16	2
88-5B-10S-142	32	81	173	.1	19	2
88-5B-10S-143	38	60	171	.1	20	3
88-5B-10S-144	22	37	119	.1	13	1
88-5B-10S-145	25	55	142	.1	13	1
88-5B-10S-146	23	36	152	.1	19	1
88-5B-10S-147	25	60	173	.1	28	1
88-5B-10S-148	27	61	194	.1	20	1
88-5B-10S-149	24	36	134	.1	39	1
88-5B-10S-150	23	56	219	.1	30	1
88-5B-10S-151	22	65	176	.1	8	2
88-5B-10S-152	14	76	87	.1	6	1
STD C/AU-S	63	42	132	7.4	44	51

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
88-5B-10S-153	17	133	131	.3	4	1
88-5B-10S-154	38	79	200	.3	12	2
88-5B-10S-155	18	66	142	.1	9	1
88-5B-10S-156	14	38	92	.1	5	1
88-5B-10S-157	17	50	97	.1	4	1
88-5B-10S-158	19	46	144	.1	4	1
88-5B-5L-1	46	39	241	.1	10	2
88-5B-5L-2	42	28	114	.3	2	1
88-5B-7L-1	38	21	73	.5	4	1
88-5B-10L-2	39	50	141	.1	4	1
88-5B-10L-3	13	30	109	.3	2	1

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

%	cum %	antilog	cls int	(# of bins = 28 - bin size = 0.1047)
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

(# of bins = 28 - bin size = 0.0764)

%	cum %	antilog	cls int	
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.

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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

%	cum %	antilog	cls int	(# of bins = 28 - bin size = 0.0499)
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.

##

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

(# of bins = 28 - bin size = 0.0628)

%	cum %	antilog	cls int	
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.

##

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.

17:10:15 SKUKUM GOLD INC. SIN, BERG & WHE CLAIMS - SOILS 11/30/88

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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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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.

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

(# of bins = 28 - bin size = 0.0909)

%	cum %	antilog	cls int	
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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