

MAP NO.: ASSESSMENT REPORT X
105 D 3 PROSPECTUS
CONFIDENTIAL X
OPEN FILE

DOCUMENT NO: 092627
MINING DISTRICT: Whitehorse
TYPE OF WORK: Geological, Geochemical

REPORT FILED UNDER: Skukum Gold Inc.

DATE PERFORMED: May 19 - October 2, 1988 DATE FILED: December 23, 1988

LOCATION: LAT.: 60°03'N AREA: Bennett Lake

LONG.: 135°28'W VALUE \$: 2,500.00

CLAIM NAME & NO.: ETT 1-20 (YB06059-78)

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

WORK DONE FOR: Skukum Gold Inc.

DATE TO GOOD STANDING:

REMARKS: Adjacent to # 103 CRO
Mapping, prospecting and geochemical sampling in 1988 turned up one
samples containing molybdenite with 522 ppm Pb and 5.7 ppm Ag. Two
other quartz veins contained anomalous values up to 629 ppm and
12.8 ppm Ag.



SKUKUM GOLD INC.

**PRELIMINARY
GEOLOGICAL AND GEOCHEMICAL
REPORT**

ON THE

**ETTE 1-20 MINERAL CLAIMS
YB06059 - YB06078**

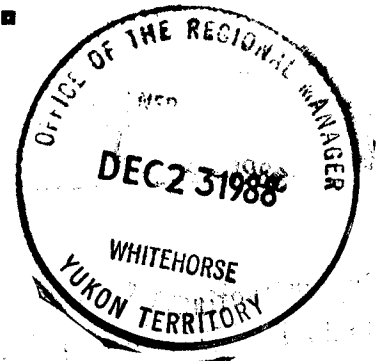
BOUDETTE CREEK AREA

**WHITEHORSE MINING DISTRICT
YUKON TERRITORY**

N.T.S.: 105D-3

**LATITUDE: 60 DEGREES 03 MINUTES NORTH
LONGITUDE: 135 DEGREES 28 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.**

May 19, 1988 to October 02, 1988

09 2A 27

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 \$ 2500.00

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

SUMMARY

This report describes exploration work performed on the **ETTE 1-20** Mineral Claims located west of Boudette Creek in the southern Yukon Territory.

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 quartz feldspar porphyry ring dykes related to the Bennett Lake Volcanic Caldera Complex of Eocene age. Epithermal and mesothermal veins and structures are found throughout the Bennett Lake Caldera and the potential for finding commercial precious metal deposits is good.

Exploration work consisted of one day of preliminary geological mapping, prospecting, and geochemical rock, talus fines and stream sediment silt sampling. A total of 5 silt samples, 116 talus fines samples and 13 rock samples were collected from the property on June 28, 1988.

One molybdenite showing was found on the property, however no precious metal showings were found.

The results have been rather discouraging to date.

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.....in pocket
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1. INTRODUCTION

1.1 LOCATION & ACCESS

The **ETTE 1-20** Mineral Claims are located north of the Yukon - B.C. border, west of Boudette Creek, at 60 degrees 03 minutes North latitude and 135 degrees 28 minutes West longitude (N.T.S. 105D-3). The property is accessible by helicopter, with the nearest permanent bases being Whitehorse, Y.T. or Atlin, B.C.. 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 creeks are open from early June to mid October.

The topography of the ETTE claims is fairly rugged with precipitous mountainsides, glacially sculptured cirques and valleys, and alpine passes. Snowfields and small glaciers exist on the northern aspects of most of the ridges and mountains within the claim area. Maximum relief in the area is approximately 890 meters (3200 ft.) with valley floors at 1150 meters (3800 ft.) and summits up to 2040 meters (6700 ft.).

Seventy-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. Thin forests of pine, spruce, willow and alder occur at lower elevations.

1.3 PROPERTY & CLAIM STATUS

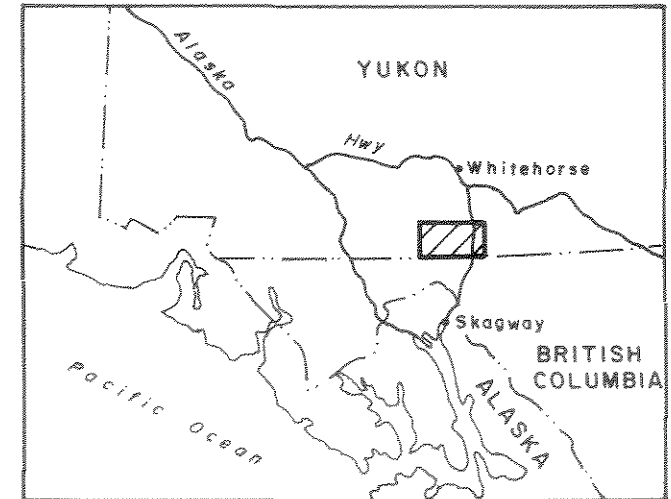
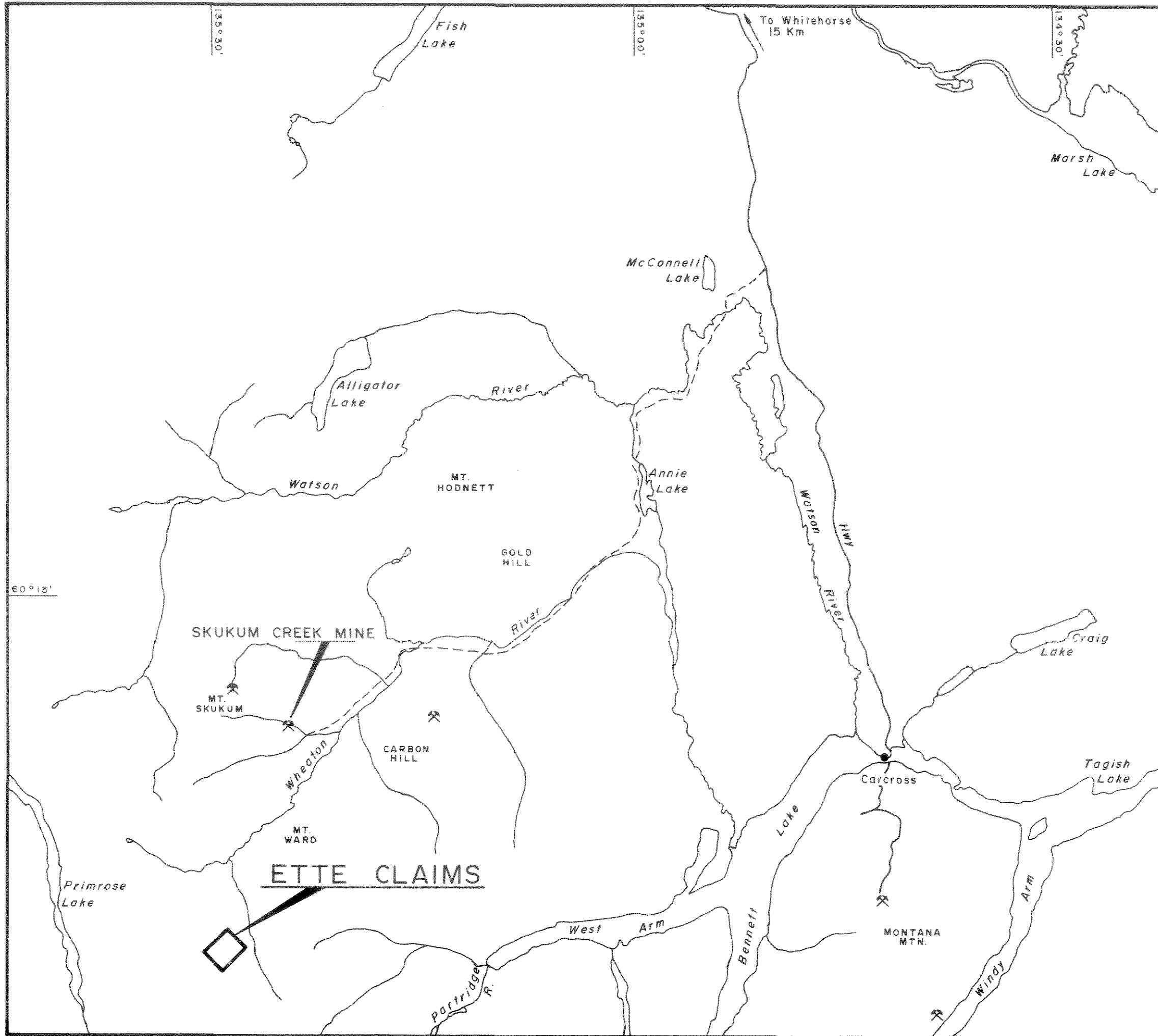
The ETTE property consists of 20 contiguous claims located within the Whitehorse Mining District and staked under the provisions of the Yukon Quartz Mining Act. The claims are listed in table 1 below.

TABLE 1: - CLAIM STATUS

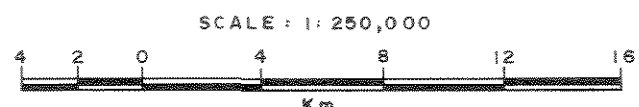
Claim Name	Grant Numbers	Recording Date	Renewal Period	Total Claims
ETTE 1 - 20	YB06059-078	JUL 02, 1987	OCT 02, 1989*	20

* pending acceptance of this report

The claims are shown on Claim Sheet 105D-3 and lie within



LOCATION MAP



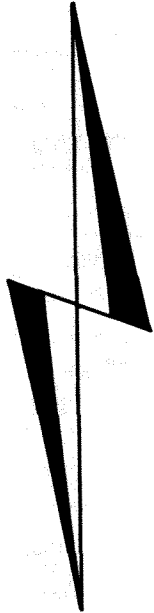
SKUKUM GOLD INC.
ETTE CLAIMS
 WHITEHORSE MINING DIVISION - YUKON TERRITORY

LOCATION MAP

N.T.S. 105D3
 DRAWN BY: A.L.W., H.F.M., T.M.

FIGURE No. 1
 DATE: NOV. 1988

N



SIN

Budette

BOB



Creek

CRO

KURT

BOUD

BOUD

MAJI

SKUKUM GOLD INC.

ETTE 1-20 CLAIMS

CLAIM MAP

1:30,000

105D3

JUNE, 88

the Whitehorse Mining District. All the claims are 100% owned by Skukum Gold Inc. of Vancouver, B.C.

1.4 PREVIOUS WORK HISTORY

No record of exploration work has been recorded for the ETTE claim block. Since the early 1980's, there has been sporadic exploration work conducted on numerous properties located in the immediate vicinity (Bennett Lake Caldera Complex). These properties saw initial interest in uranium exploration and more recently, in precious metals exploration. The Geological Survey of Canada conducted a regional stream sediment geochemical survey in 1985 (G.S.C., 1985) and sampled several of the creeks draining the area around the ETTE claims. Anomalous values for lead and zinc were found in the creek draining the ETTE claims. Numerous important epithermal and mesothermal style lead-zinc-arsenic-silver-gold showings exist in the Bennett Lake Caldera. Skukum Gold and several other companies are conducting work throughout the Bennett Lake Caldera Complex.

1.5 1988 WORK PROGRAM

A preliminary exploration program was carried out by a four person crew on June 28, 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, preliminary mapping, rock sampling, stream sediment 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
Erik Bergvinson.....	Geological Assistant
Martin Rhodes.....	Geological Assistant (Student)

2. GEOLOGY

2.1 REGIONAL GEOLOGY

The regional geology is presented in Figure 3.

The ETTE 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 is the northernmost part of the Sloko volcanic province and outcrops in two distinct areas. The Bennett Lake Cauldron Subsidence Complex of Eocene age, is the more southerly of the two pockets of Skukum Group volcanics. The ETTE claims lie on the outer margin of the Bennett Lake Complex..

The area of the Bennett Lake Volcanic Complex was mapped in detail by M.B. Lambert (G.S.C., 1974). Lambert concludes that the Eocene volcanic rocks of the complex

"..consist mainly of rhyolite to dacite ash-flow tuffs and breccias with subordinate rhyolite, dacite and andesite lavas. The volcanic rocks are partly circumscribed by a large rhyolite ring dike...., the complex consists of two nested calderas, an eroded structural dome and a thick succession of pyroclastics and epiclastic rocks related to eruption, subsidence and filling of the cauldrons."

Fifteen kilometers to the north is another group of Skukum Volcanics that is also an Eocene aged caldera complex. Much exploration work has been generated in this area since the development of **TOTAL ERICKSON'S MT. SKUKUM MINE** (Au, Ag), and **OMNI RESOURCES'** and **SKUKUM GOLD'S** opening **SKUKUM CREEK MINE** (Au, Ag, Pb, Zn, Cu).

2.2 PROPERTY GEOLOGY

Property geology is presented on Map 1.

2.2.1 LITHOLOGY

The ETTE claims are underlain by Upper Jurassic, medium to coarse grained hornblende + biotite granodiorite (Kgd) and fine to medium grained hornblende - biotite diorite (Kdi) of the Coast Mountain Plutonic Complex, as well as roof pendants of Proterozoic to Permian quartz - feldspar - biotite - muscovite gneisses, schists and quartzites of the Yukon Group (HCSn). The intrusive rocks form pale grey coloured, blocky bluffs and cliffs. The Yukon Group weathers a medium to dark grey colour, with quartz rich varieties forming resistant cliff bands. The Yukon Group and Coast Mountain Plutonic Complex are overlain and intruded by Eocene volcanics and related feeder pipes and dykes of the Bennett Lake Cauldron Subsidence Complex. The basement rocks are commonly shattered and brecciated along the cauldron margins and adjacent to faults and dykes.

Bennett Lake Complex volcanic lithologies are not found on the claims, however quartz eye-feldspar porphyry dykes of rhyolitic composition (Eqfp) that are related to the evolution of the volcanic complex are found throughout the

property. The dykes are referred to as "ring" dykes for they circle the cauldron complex. The ring dykes form buff to cream weathering outcrops. They pinch and swell, are steeply dipping and range from 150 to 300 meters in width. Other rhyolitic, dacitic, andesitic and basaltic dykes are found on the property and are also related to the evolution of the cauldron complex.

TABLE 2: - TABLE OF FORMATIONS

QUATERNARY

PLEISTOCENE AND RECENT

Q.....Glacial drift and alluvium.

Unconformity

TERTIARY

EOCENE

SKUKUM GROUP

Ebd, ad, dd, rd...Basalt dyke, andesite dyke, dacite dyke, rhyolite dyke.

Eqfp.....Ring dyke intrusions: rhyolitic quartz-feldspar porphyry.

Intrusive contact

UPPER JURASSIC AND CRETACEOUS

COAST PLUTONIC COMPLEX

Kgd.....Granodiorite.

Kdi.....Diorite

Intrusive contact

PALEOZOIC AND OLDER

YUKON GROUP

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

2.2.2 STRUCTURE

The main structural features of the Bennett Lake complex include concentric and radial fracture systems, two nested cauldrons and a central dome (Lambert, 1974). The outer ring-fracture system is evident on the ETTE claims and is defined by the ring dykes in the area. The ring fracture

system marks the approximate rim of the outer of the two nested cauldrons. Steeply dipping east-west fracture systems exist in the northern portion of the claims.

3. GEOCHEMISTRY

3.1 INTRODUCTION

Talus fines were collected along the base of most of the slopes on the property at 50 meter spacings between samples. Stream sediment silt samples were collected from some of the streams where possible. Grab rock samples were collected from interesting looking lithologies, alteration and mineralized showings. A total of 116 talus fines samples, 5 silt samples and 13 rock samples were collected.

Sample locations are presented in Map 1. Geochemical analysis certificates are presented in Appendix 2. All the talus fines and silt sampling data was combined with other geochemical data from Skukum Gold Inc.'s 1988 sampling programs on other claims in the Bennett Lake Caldera for the determination of anomalies.

3.2 SAMPLE PREPARATION AND ANALYTICAL PROCEDURE

Talus fines and silt samples were collected in KRAFT gusseted 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. Samples were analyzed for copper, lead, zinc, arsenic and silver using the Induced Coupled Plasma (ICP) technique. In addition, gold was analyzed from a 10 gram fraction by the conventional Atomic Absorption (AA) technique.

3.3 TREATMENT AND PRESENTATION OF RESULTS

Talus fines and silt sample results were combined with other samples taken from the Bennett Lake Caldera Area in 1988 by Skukum Gold Inc.. Graphical statistical methods were used to separate background from anomalous metal concentration. The data is heavily skewed. Threshold values and anomalous values were determined at the mean plus one standard deviation ($x+1s$) and the mean plus two standard deviations ($x+2s$) respectively. A possibly anomalous category was selected for lead, silver, arsenic and gold based on observed background values and experience. Anomalous sample divisions are presented in Table 3 below.

TABLE 3: - STATISTICAL SUMMARY OF ANOMALIES

Mean (x) talus fines	Possibly Anomalous (?)	Threshold x+1s	Anomalous x+2s	Strongly Anomalous x+3s
Cu 30 ppm		105-179	180-254	255+
Pb 62 ppm	100-193	194-325	326-457	458+
Zn 149 ppm		261-372	373-484	485+
As 35 ppm	100-249	250-464	465-679	680+
Ag 0.6 ppm	1.0-2.5	2.6-4.5	4.6-6.5	6.6+
Au 6 ppb	15-29	30-53	54-77	78+
silts				
Cu 20 ppm		37-53	54-70	71+
Pb 30 ppm		51-71	72-92	93+
Zn 112 ppm		174-235	236-297	298+
As 7 ppm		15-22	23-30	31+
Ag 0.5 ppm		0.9-1.2	1.3-1.6	1.7+
Au 2 ppb		5-7	8-10	11+

3.4 MINERALIZATION & ROCK GEOCHEMISTRY

To date, one small mineralized showing of molybdenite has been found in the central portion of the property. The same sample is slightly anomalous in lead (522 ppm) and silver (5.7 ppm).

Two other samples taken from quartz veins are slightly anomalous in lead (629 ppm, 232 ppm) and silver (10.5 ppm, 12.8 ppm).

In the northern portion of the claims are parallel east-west fault systems with associated propylitic (chlorite-epidote) alteration. No mineralization has been found in these zones.

3.5 TALUS FINES & STREAM SEDIMENT GEOCHEMISTRY

Anomalous results are presented in Map 2.

The creek running through the property is anomalous in silver at the lower reaches and anomalous in lead, zinc and silver at the upper reaches, indicating that the source for the anomaly might possibly be off the claims. The creek running through the southeast portion of the claims is also anomalous in silver. The source for this anomaly might also be off the claim block.

There is a weak cluster of two zinc anomalies and one possible lead anomaly in the west corner of the claim block. There is also one spot zinc anomaly in the center of the

claim block.

To the southwest of the claims is a string of 13 zinc anomalies. At the southwest end of this string, there are three samples anomalous or possibly anomalous in lead and possibly anomalous in silver.

4. CONCLUSIONS AND RECOMMENDATIONS

Geological prospecting and mapping as well as stream sediment, talus fines and rock geochemistry was the focus of exploration activity on the ETTE group of mineral claims during the summer of 1988.

The ETTE group of mineral claims is a part of the Bennett Lake Caldera Complex. There are numerous epithermal and mesothermal style gold-silver-lead-zinc-arsenic showings within this complex and the potential for finding similar showings and possible mineral deposits is good.

Results to date have been rather discouraging.

Recommendations are further prospecting of the area around the claims and follow up prospecting of the zinc cluster of anomalies off the claims to the southwest.

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, 80pp. With 1:50,000 scale maps.

G.S.C., 1985 Stream Sediment and Water Geochemical Survey Southern Yukon Territory. GSC 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.

Wheeler, J.O., 1961 Whitehorse Map Area, Yukon Territory, 105D; Geological Survey of Canada Memoir 312, 156pp.

6. STATEMENT OF EXPENDITURES

Salaries and Camp Costs:		
Project Geologist:	2 days @ 265. per day.	\$ 530.00
Geologist:	2 days @ 220. per day.	\$ 440.00
Field Assistants:	2 days @ 110. per day.	\$ 220.00
Room and Board:	6 days @ 50. per day.	\$ 300.00
Truck Rental:		
2 days @ \$60. per day.		\$ 120.00
Analytical Costs:		
Talus Fines:	116 @ \$ 9.85 per sample.	\$1142.60
Silt Samples:	5 @ \$ 9.85 per sample.	\$ 49.25
Rock Samples:	13 @ \$12.00 per sample.	\$ 156.00
Shipping Costs:		\$ 70.00
Helicopter Costs:		
Hughes 500D:		\$ 772.10
Drafting Costs:		\$ 160.00
Miscellaneous Costs:		\$ 100.00
		<hr/>
<u>TOTAL EXPLORATION COSTS:</u>		\$4,059.95

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 regional claims program.
- 4) I was involved with the work performed on the ETTE 1 - 20 Claims in summer of 1988 and am co-author of this report.

Dated this twenty-third day of November, 1988.


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 ETTE 1 - 20
Claims in 1988, and am co-author of this report.

Dated this twenty-third day of November, 1988.



Hugh F. MacKinnon, B.Sc.

APPENDIX 1:
SAMPLE DESCRIPTIONS

SKUKUM GOLD INC.

Property: ETE CLAIMS - 4G

Sample	Date	Location	Description
884G-10F1	28 June/88	Between soil line 10S14 and 10S15 east side Elev. 5406'	Reddish-rusty, vuggy quartz vein; 1 to 2% molybdenite; 1 to 2% pyrite.
884G-5R1	28 June/88	West half Elev. 6700'	Very rusty weathered biotite granodiorite; trace to 1% pyrite; weak to no alteration.
884G-5R2	28 June/88	Elev. 6060'	Thin, 1 to 4 mm comb textured quartz stringers in a hornblende biotite diorite(?).
884G-5F1	28 June/88	"	Bull quartz vein with possible 1% wolframite(?).
884G-5F2	28 June/88	"	Slightly rusty weathered bull quartz vein, with chloritic alteration of Kgd; 1% pyrite.
884G-5R3	28 June/88	Elev. 5500'	Rusty section of bull quartz vein. Sacharoidal quartz, trace pyrite, 1% dark grey mineral wolframite(?), sphalerite(?).
884G-5R4	28 June/88	"	Bull white sacharoidal to massive quartz vein.
884G-5R5	28 June/88	W half Elev. 5470'	Bull, massive to sacharoidal quartz, with black stringers of unknown mineral (manganese oxides?), trace pyrite.
884G-5F3	28 June/88	"	Rusty quartz vein float. Small pieces up to 15 cm x 10 cm; trace pyrite. Also limonite banded and calcite veined Kgd found at same spot.
884G-5R6	28 June/88	"	Bull quartz vein with limonite stained vuggy, manganese oxides covered patches. Possible sphalerite(?).
884G-5R7	28 June/88	"	Weakly altered and quartz veined Qfp at contact with Kgd. Slightly vuggy and limonitic.
884G-5R1	28 June/88	"	As above.
884G-4R1	28 June/88	North end	3 cm quartz veining in leucocratic granite dyke - a little gossanous, in fault zone.
884G-4F1	28 June/88	East end	Slightly gossanous granodiorite with quartz veins up to 1 cm with pyrite and magnetite.

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: JULY 04 1988

DATE REPORT MAILED: *July 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 CA P LA CR NG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: P1-P4 SOIL P5 SILT P6 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-4G File # 88-2415 ✓ Page 1

ETTE CLAIMS.

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
88-4G-4S-1	140	37	118	.2	7	2
88-4G-4S-2	10	26	135	.1	4	1
88-4G-5S-1	4	28	97	.1	2	1
88-4G-5S-2	11	40	151	.2	2	1
88-4G-5S-3	8	19	125	.2	2	1
88-4G-5S-4	7	22	132	.4	3	1
88-4G-5S-5	4	24	97	.1	2	1
88-4G-5S-6	8	68	222	.5	2	2
88-4G-9S-1	10	18	84	.1	2	1
88-4G-9S-2	11	23	104	.1	2	1
88-4G-9S-3	10	23	104	.1	2	1
88-4G-9S-4	12	17	101	.1	2	2
88-4G-9S-5	13	20	112	.1	2	1
88-4G-9S-6	14	23	112	.1	2	1
88-4G-9S-7	14	24	101	.1	2	1
88-4G-9S-8	12	19	100	.1	2	1
88-4G-9S-9	15	22	97	.1	2	1
88-4G-9S-10	11	19	84	.1	2	2
88-4G-9S-11	13	34	114	.1	4	2
88-4G-9S-12	13	23	111	.1	2	1
88-4G-9S-13	12	22	106	.1	3	1
88-4G-9S-14	9	15	90	.1	2	1
88-4G-9S-15	10	18	90	.1	2	2
88-4G-9S-16	9	17	95	.1	2	1
88-4G-9S-17	10	22	127	.1	2	1
88-4G-9S-18	21	40	221	.1	2	1
88-4G-9S-19	12	36	182	.2	2	1
88-4G-9S-20	10	32	176	.1	2	1
88-4G-9S-21	11	33	169	.1	2	1
88-4G-9S-22	10	29	181	.1	2	2
88-4G-9S-23	11	24	117	.1	2	1
88-4G-9S-24	7	21	117	.1	2	1
88-4G-9S-25	8	22	280	.1	2	1
88-4G-9S-26	10	27	158	.1	2	2
88-4G-9S-27	6	24	207	.1	2	1
88-4G-9S-28	7	20	122	.1	2	1
STD C/AU-S	59	41	132	6.7	41	50

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
88-4G-9S-29	6	17	88	.1	2	1
88-4G-9S-30	7	20	98	.1	2	1
88-4G-9S-31	7	20	96	.1	2	1
88-4G-9S-32	11	29	114	.1	2	1
88-4G-9S-33	8	22	112	.1	2	2
88-4G-9S-34	10	23	138	.1	2	1
88-4G-9S-35	10	29	121	.1	2	1
88-4G-9S-36	8	31	123	.1	2	1
88-4G-9S-37	7	28	103	.5	4	1
88-4G-9S-38	6	17	63	.1	3	1
88-4G-9S-39	6	26	70	.1	2	1
88-4G-9S-40	7	20	73	.2	4	2
88-4G-9S-41	6	19	57	.1	2	1
88-4G-9S-42	5	23	70	.1	2	1
88-4G-9S-43	7	23	70	.1	3	1
88-4G-9S-44	9	25	82	.3	2	1
88-4G-9S-45	5	16	71	.2	4	2
88-4G-9S-46	13	23	117	.3	2	1
88-4G-9S-47	4	10	49	.1	2	1
88-4G-9S-48	11	25	84	.1	2	1
88-4G-10S-1	11	110	234	.5	2	2
88-4G-10S-2	8	17	119	.3	2	1
88-4G-10S-3	9	34	372	.4	2	2
88-4G-10S-4	58	46	343	.6	3	3
88-4G-10S-5	34	52	223	.7	2	1
88-4G-10S-6	12	43	250	.4	2	1
88-4G-10S-7	21	30	148	.4	2	1
88-4G-10S-8	9	13	103	.1	2	1
88-4G-10S-9	10	19	184	.3	4	1
88-4G-10S-10	13	19	102	.2	7	1
88-4G-10S-11	11	23	127	.1	2	4
88-4G-10S-12	12	31	92	.7	2	1
88-4G-10S-13	15	20	102	.2	5	5
88-4G-10S-14	15	13	59	.3	2	1
88-4G-10S-15	36	47	143	.5	4	1
88-4G-10S-16	15	21	72	.2	3	1
STD C/AU-S	59	41	132	6.8	43	49

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
88-4G-10S-17	22	22	119	.3	4	1
88-4G-10S-18	25	21	114	.4	2	1
88-4G-10S-19	15	17	85	.4	9	1
88-4G-10S-20	16	20	87	.2	4	3
88-4G-10S-21	11	22	100	.2	2	1
88-4G-10S-22	5	10	59	.2	2	1
88-4G-10S-23	5	20	88	.3	7	1
88-4G-10S-24	10	21	110	.1	2	1
88-4G-10S-25	9	28	169	.3	7	1
88-4G-10S-26	10	29	167	.2	2	1
88-4G-10S-27	25	78	185	.6	2	1
88-4G-10S-28	6	16	56	.2	4	1
88-4G-10S-29	16	51	212	1.0	5	1
88-4G-10S-30	7	44	176	.4	3	1
88-4G-10S-31	7	42	168	.6	5	1
88-4G-10S-32	12	36	163	.5	2	1
88-4G-10S-33	6	50	189	.6	2	2
88-4G-10S-34	11	51	225	.7	6	1
88-4G-10S-35	10	37	152	.5	2	1
88-4G-10S-36	11	37	167	.6	5	1
88-4G-10S-37	7	49	131	.4	6	1
88-4G-10S-38	8	16	112	.3	3	1
88-4G-10S-39	11	55	201	.8	4	1
88-4G-10S-40	9	26	156	.5	2	1
88-4G-10S-41	7	17	103	.3	4	1
88-4G-10S-42	5	16	105	.4	6	1
88-4G-10S-43	8	45	231	.7	5	1
88-4G-10S-44	4	34	170	.7	2	1
88-4G-10S-45	8	56	265	.5	2	1
88-4G-10S-46	7	102	335	.6	2	1
88-4G-10S-47	7	63	288	.7	3	1
88-4G-10S-48	10	113	479	.8	5	1
88-4G-10S-49	7	62	257	.9	4	1
88-4G-10S-50	10	67	449	1.0	4	2
88-4G-10S-51	8	36	290	1.0	2	3
88-4G-10S-52	10	51	297	.6	2	1
STD C/AU-S	58	38	132	6.6	43	50

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
88-4G-10S-53	8	66	373	1.3	3	2
88-4G-10S-54	3	13	82	.5	2	1
88-4G-10S-55	5	38	170	.7	2	2
88-4G-10S-56	9	107	410	1.7	2	2
88-4G-10S-57	8	91	338	1.2	2	2
88-4G-10S-58	5	28	143	1.0	2	1
88-4G-10S-59	10	295	480	1.5	3	1
88-4G-10S-60	11	134	519	1.5	2	2

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
88-4G-4L-1	51	98	342	1.9	2	1
88-4G-4L-2	13	23	162	.5	2	1
88-4G-4L-3	10	23	132	1.1	2	2
88-4G-4L-4	5	35	125	1.7	6	2
88-4G-4L-5	15	42	90	.3	3	1
STD C/AU-S	57	36	134	7.1	42	50

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
88-4G-4F-1	13	86	47	1.2	2	18
88-4G-4R-1	10	9	21	.3	2	1
88-4G-5F-1	4	4	4	.1	2	1
88-4G-5F-2	18	4	13	.1	2	3
88-4G-5F-3	149	4	16	1.3	4	1
88-4G-5R-1	76	121	227	1.2	2	4
88-4G-5R-2	7	8	78	.3	2	2
88-4G-5R-3	25	629	47	10.5	4	1
88-4G-5R-4	3	3	3	.1	2	1
88-4G-5R-5	26	232	242	12.8	2	1
88-4G-5R-6	70	8	10	.3	2	1
88-4G-5R-7	3	14	64	.3	3	2
88-4G-10F-1	35	522	8	5.7	2	3
STD C/AU-R	58	37	132	6.9	40	51

APPENDIX 3:
STATISTICAL SUMMARY

ACME ANALYTICAL LABS - STATISTICAL SUMMARY

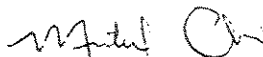
October 17, 1988

To: Skukum Gold Inc
Project : 4A,4B,4C,4D,4E,4F,4G

<u>ELEMENT</u>	<u>SAMPLE NAME</u>	<u>VALUE</u>	<u>SAM. REMOVED</u>	<u>NEW TOTAL</u>
CU,ZN	none	none	0	1867
Pb	88-4E-10S11	15358		
	88-4A-10S104	8373	2	1865
As	88-4A-10S104	45358	1	1866
AU*	88-4D-5S37	770		
	88-5A-9S-11	660		
	88-4E-12S28	620		
	88-4F-11S8	475	4	1863
Ag	88-4D-5S37	176.5		
	88-4D-4S45	142.5		
	88-4D-4S46	118.5		
	88-4D-4S44	114.3		
	88-4D-4S42	93.7		
	88-4A-10S104	84.2		
	88-4D-4S43	57.0	7	1860

As per our phone discussion on October 14, 1988, the preceding samples were considered "non-typical" and thus were removed from the data list. Even though the sample had a high value in one element, it was still included in the data in other elements unless otherwise stated. For Cu and Zn there were no samples that needed to be removed. In Pb, two really high samples were removed. In Ag, samples over 40 PPM were removed. In As, one really high sample was removed. In Au* samples over 400 PPB were removed. I hope the resulting statistical work is more suitable for your work.

Sincerely yours,



Michael Choi

ACME ANALYTICAL LABS - STATISTICAL SUMMARY

October 13, 1988

To: Skukum Gold Inc
Project : 4A, 4B, 4C, 4D, 4E, 4F, 4G

<u>FILE NUMBER</u>	<u># PAGES</u>	<u>#SOIL SAMPLES</u>	<u>#SILT SAMPLES</u>
88-1778	1	1	
88-1858	1-9	278	24
88-1964	1-8	236	2
88-2051	1-7	189	5
88-2052	1	1	
88-2132	1-9	270	5
88-2266	1-4	128	
88-2267	1-2	61	
88-2413	1-5	123	3
88-2414	1-3	91	
88-2415	1-5	116	5
88-2601	1-2	54	
88-4439	1-5	159	
88-4440	1-4	89	
88-4840	1-2	71	

TOTAL SOIL SAMPLES - 1867

TOTAL SILT SAMPLES - 44

As requested on October 12, 1988, the preceeding files were used as a basis for statistical work. The soil and silt samples were separated and done separately. The following elements were used as data points:

Cu, Pb, Zn, Ag, As and Au*

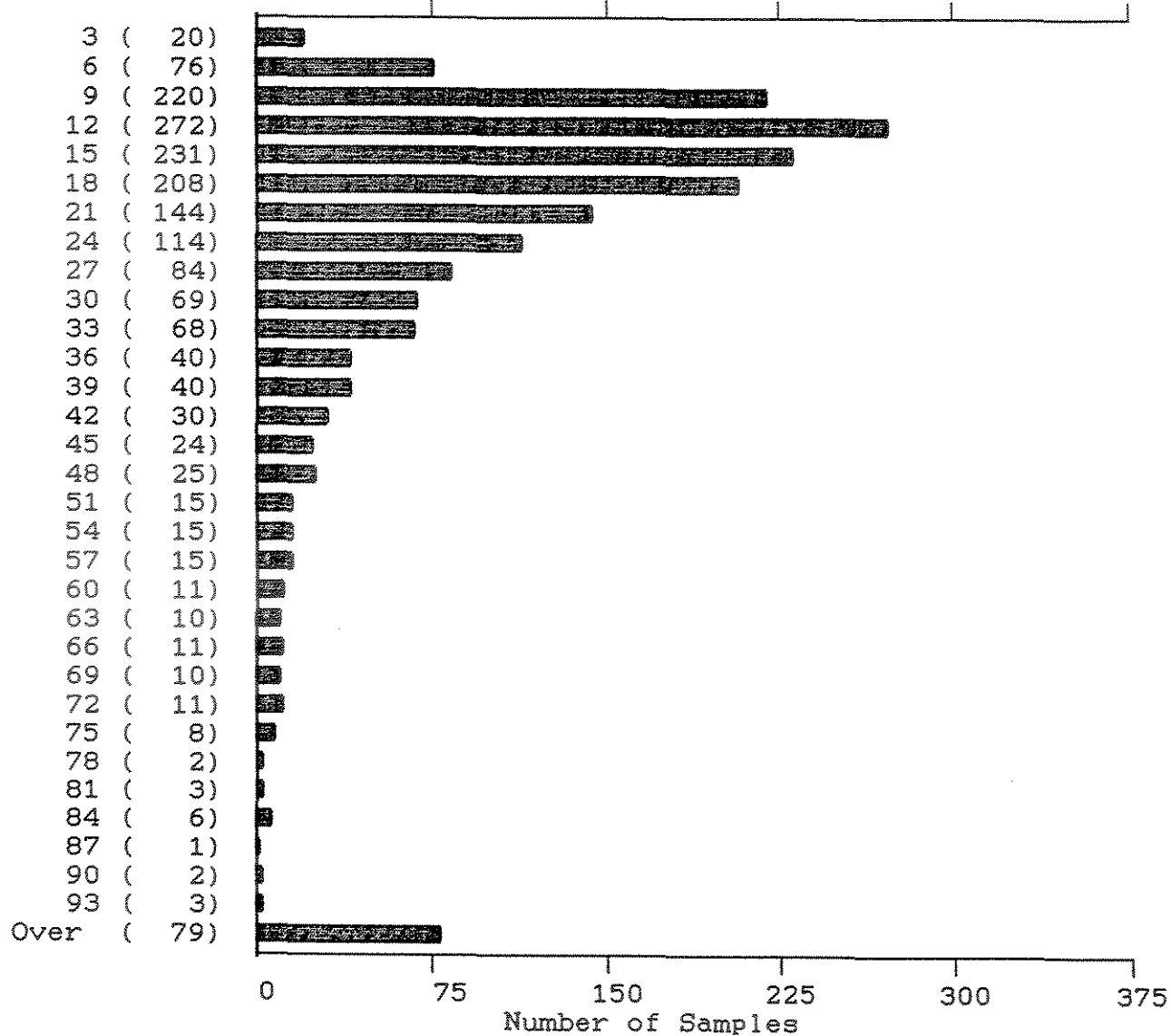
Sincerely yours,

Michael Choi

Michael Choi

SKUKUM GOLD (S (SOIL) SERIES)

Cu
(PPM)



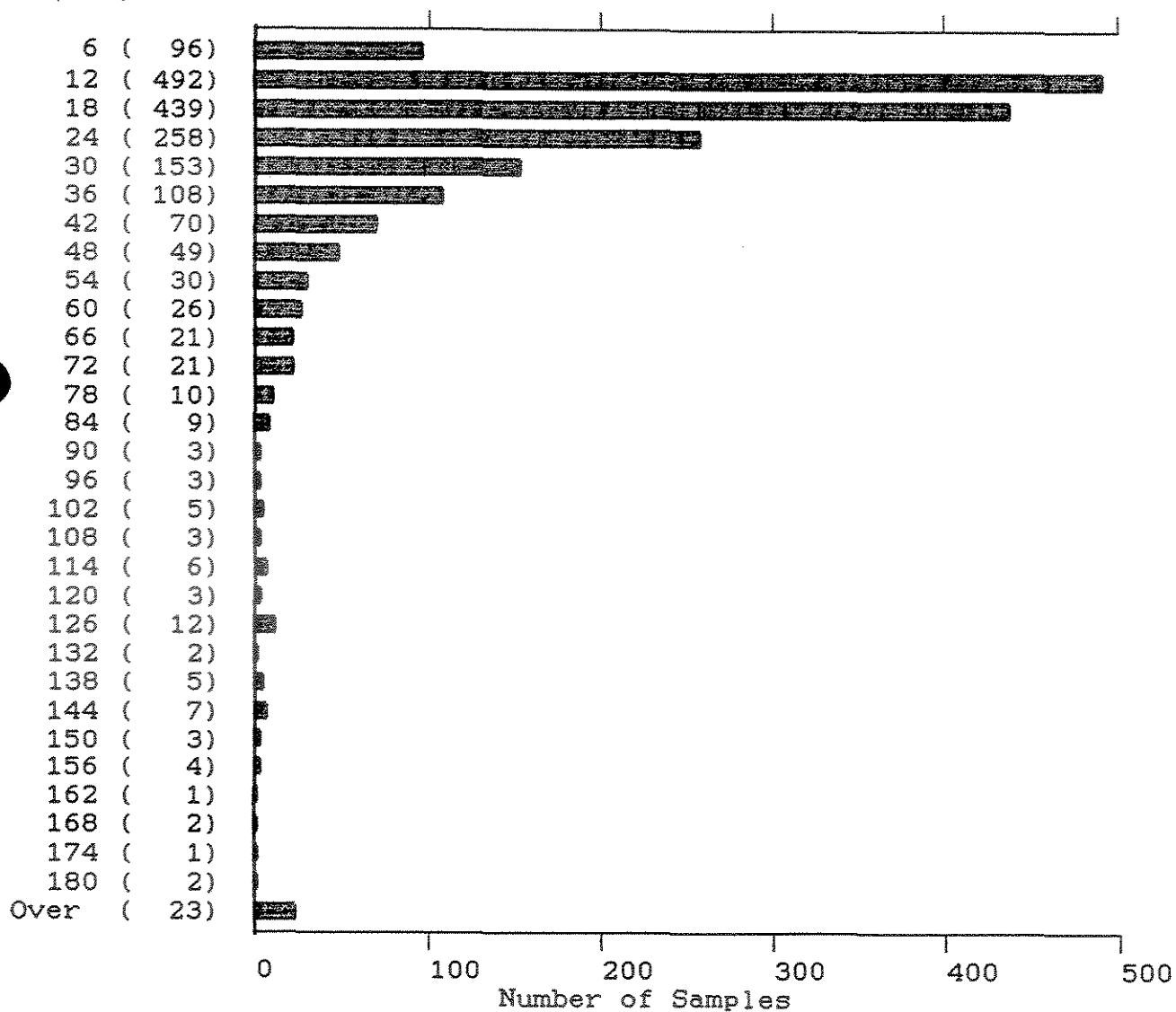
1867 Samples

Maximum: 2543
Minimum: 1

Mean: 30
Median: 17
Standard Deviation: 75

SKUKUM GOLD (S (SOIL) SERIES)

Cu
(PPM)



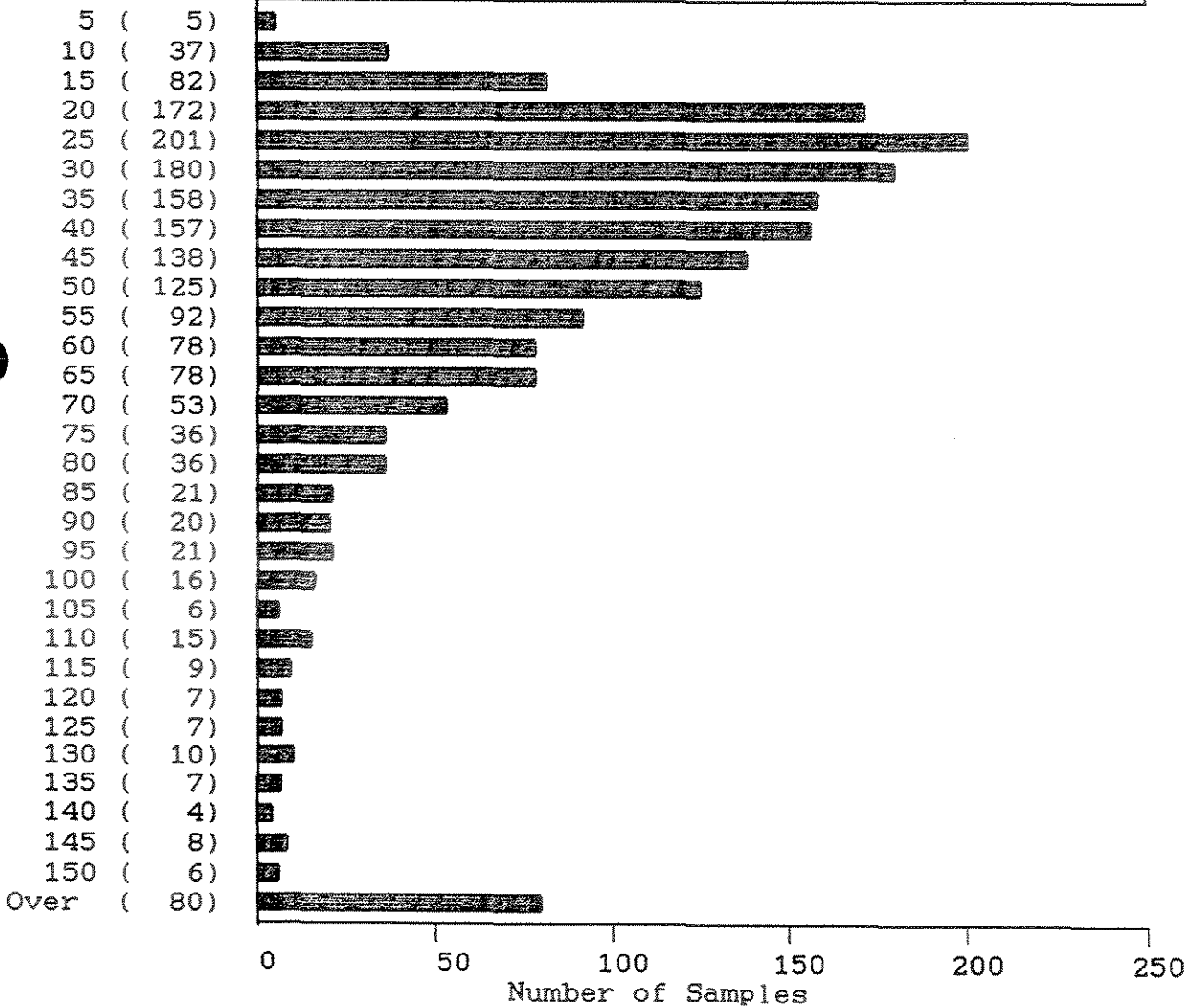
1867 Samples

Maximum: 2543
Minimum: 1

Mean: 30
Median: 17
Standard Deviation: 75

SKUKUM GOLD (S (SOIL) SERIES)

Pb
(PPM)



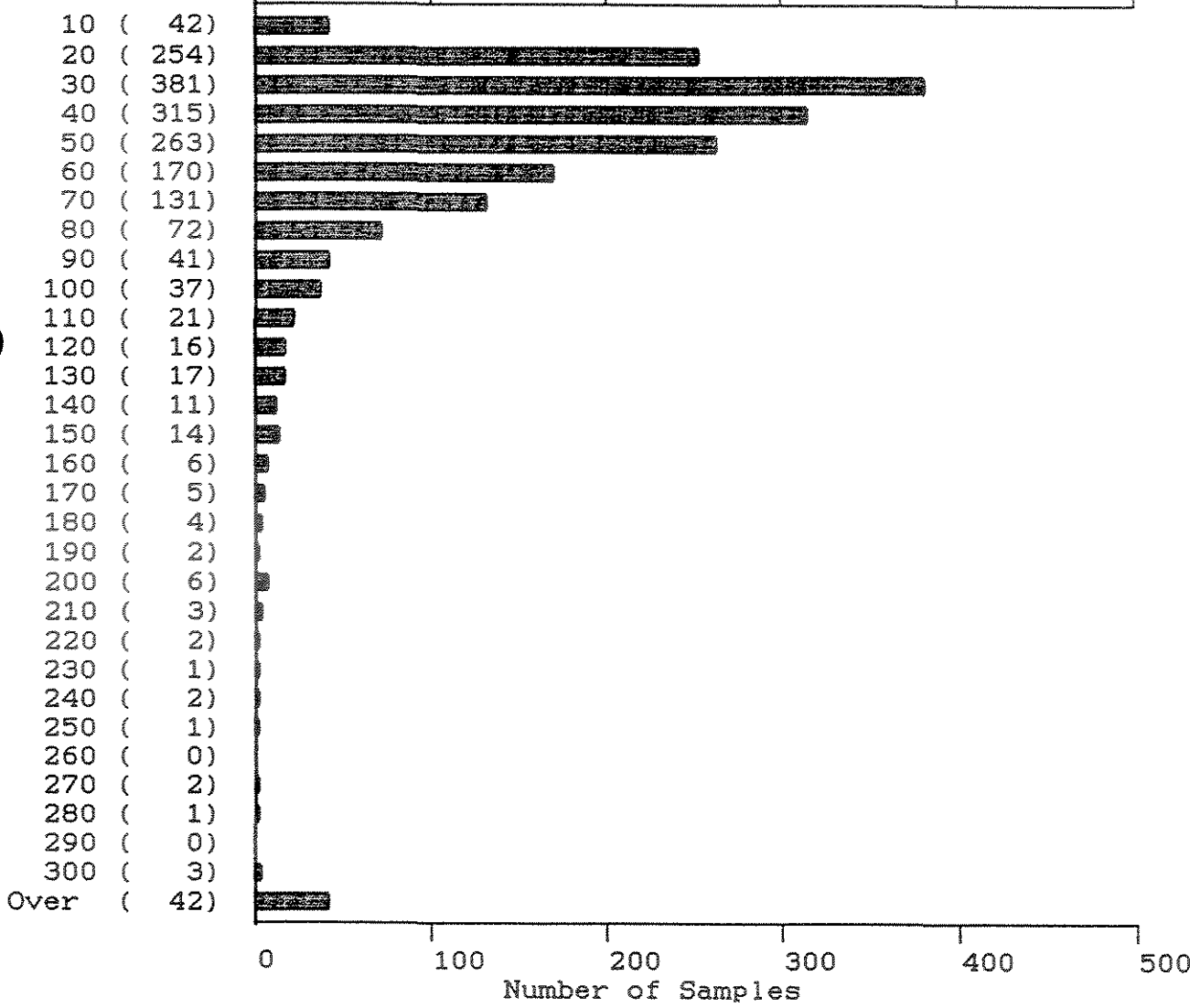
1865 Samples

Maximum: 2646
Minimum: 2

Mean: 62
Median: 38
Standard Deviation: 132

SKUKUM GOLD (S (SOIL) SERIES)

Pb
(PPM)



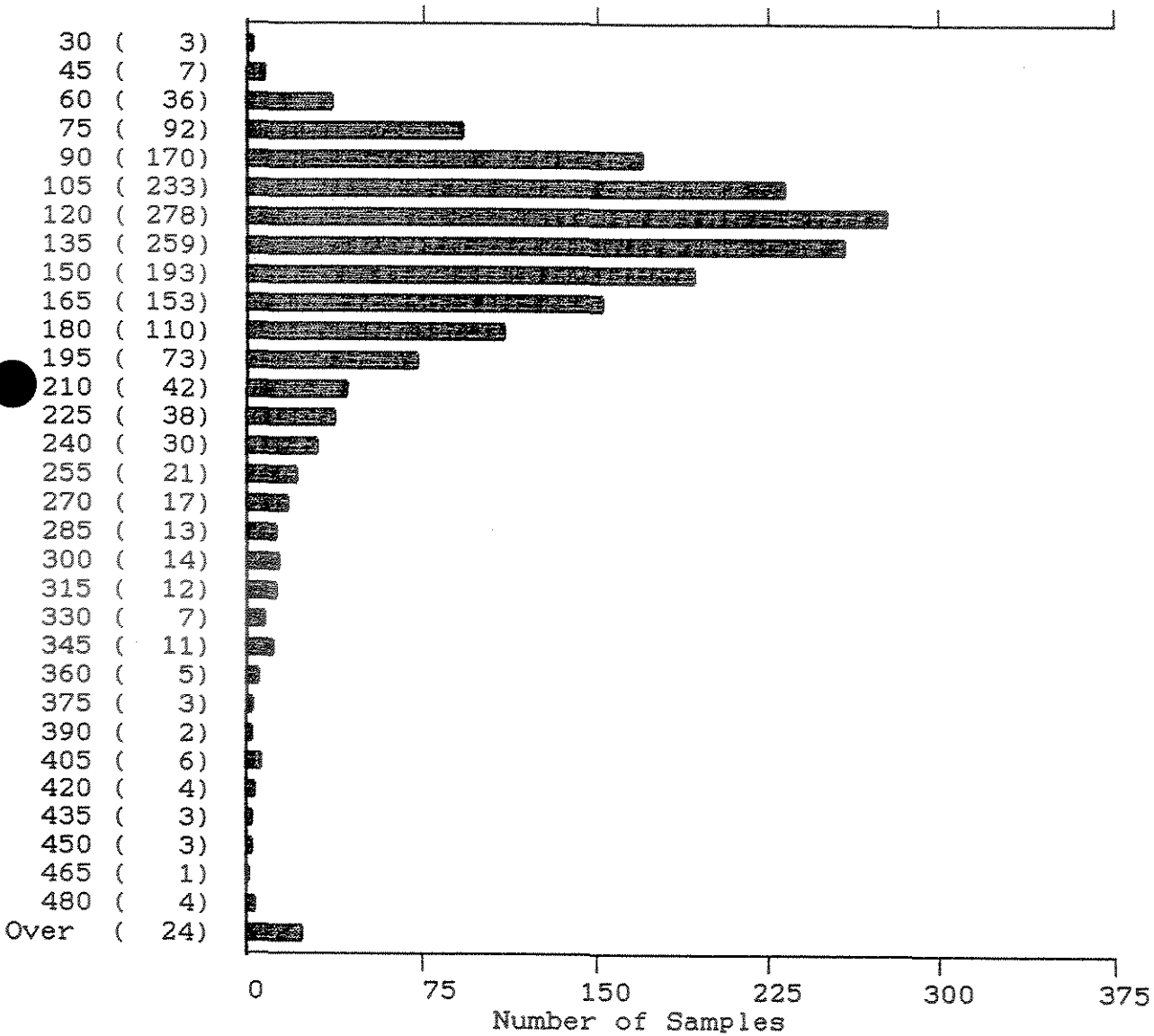
1865 Samples

Maximum: 2646
Minimum: 2

Mean: 62
Median: 38
Standard Deviation: 132

SKUKUM GOLD (S (SOIL) SERIES)

Zn
(PPM)



1867 Samples

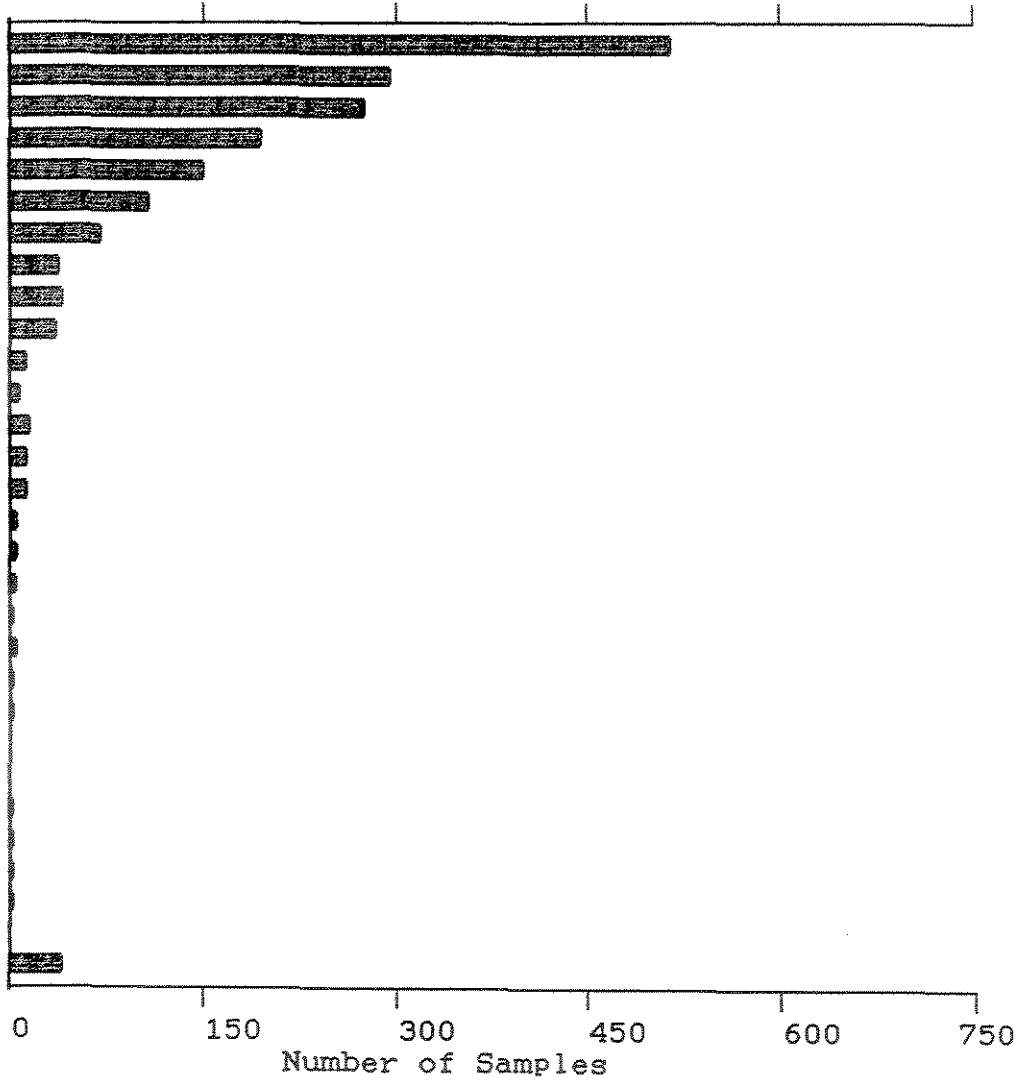
Maximum: 2206
Minimum: 28

Mean: 149
Median: 127
Standard Deviation: 112

SKUKUM GOLD (S (SOIL) SERIES)

Ag
(PPM)

0.1 (515)
 0.2 (294)
 0.3 (276)
 0.4 (195)
 0.5 (149)
 0.6 (107)
 0.7 (70)
 0.8 (37)
 0.9 (40)
 1.0 (36)
 1.1 (13)
 1.2 (8)
 1.3 (15)
 1.4 (13)
 1.5 (13)
 1.6 (6)
 1.7 (5)
 1.8 (6)
 1.9 (2)
 2.0 (4)
 2.1 (3)
 2.2 (3)
 2.3 (0)
 2.4 (0)
 2.5 (3)
 2.6 (3)
 2.7 (2)
 2.8 (2)
 2.9 (0)
 Over (40)



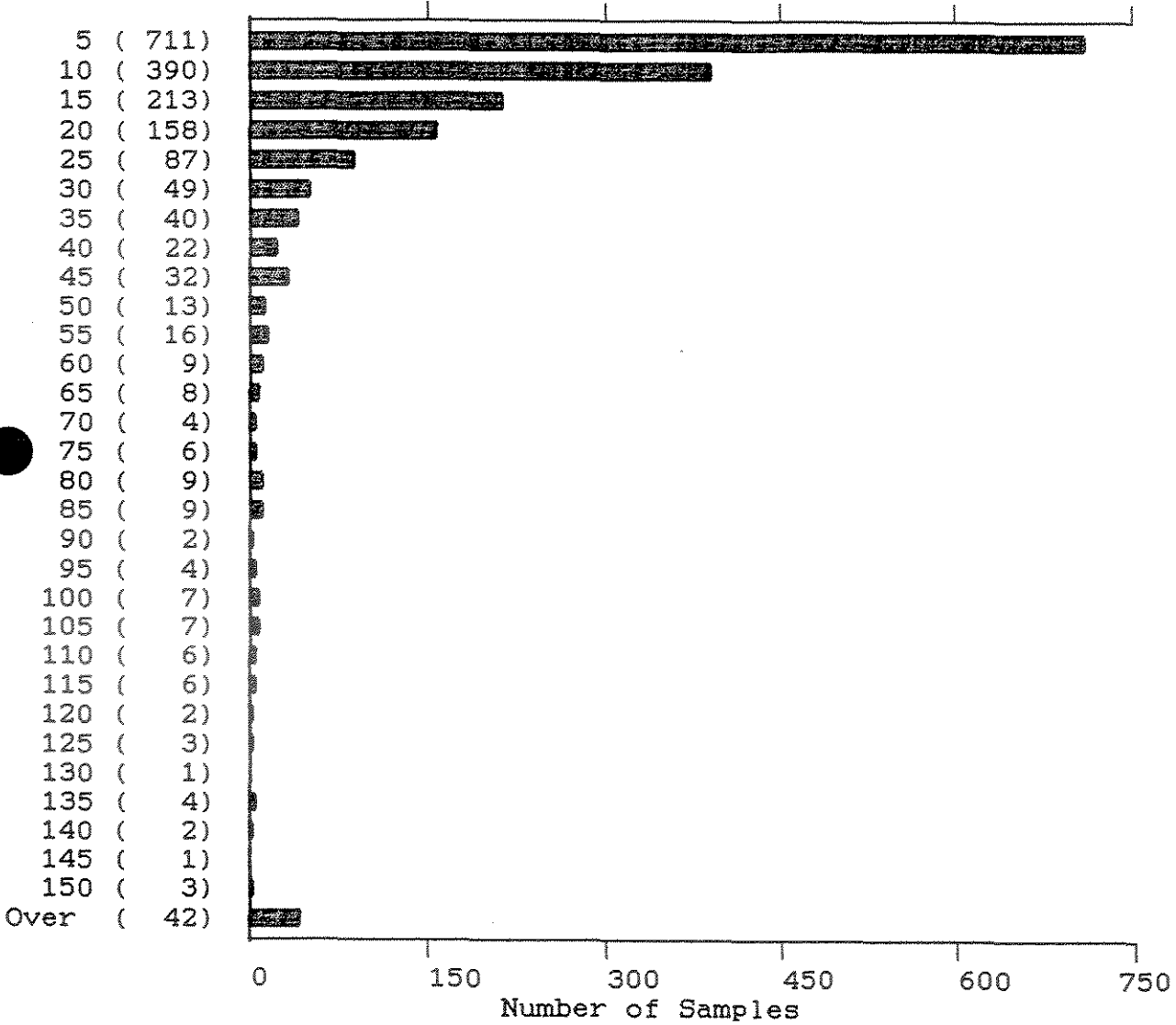
1860 Samples

Maximum: 36.8
 Minimum: 0.1

Mean: 0.6
 Median: 0.3
 Standard Deviation: 2.0

SKUKUM GOLD (S (SOIL) SERIES)

As
(PPM)



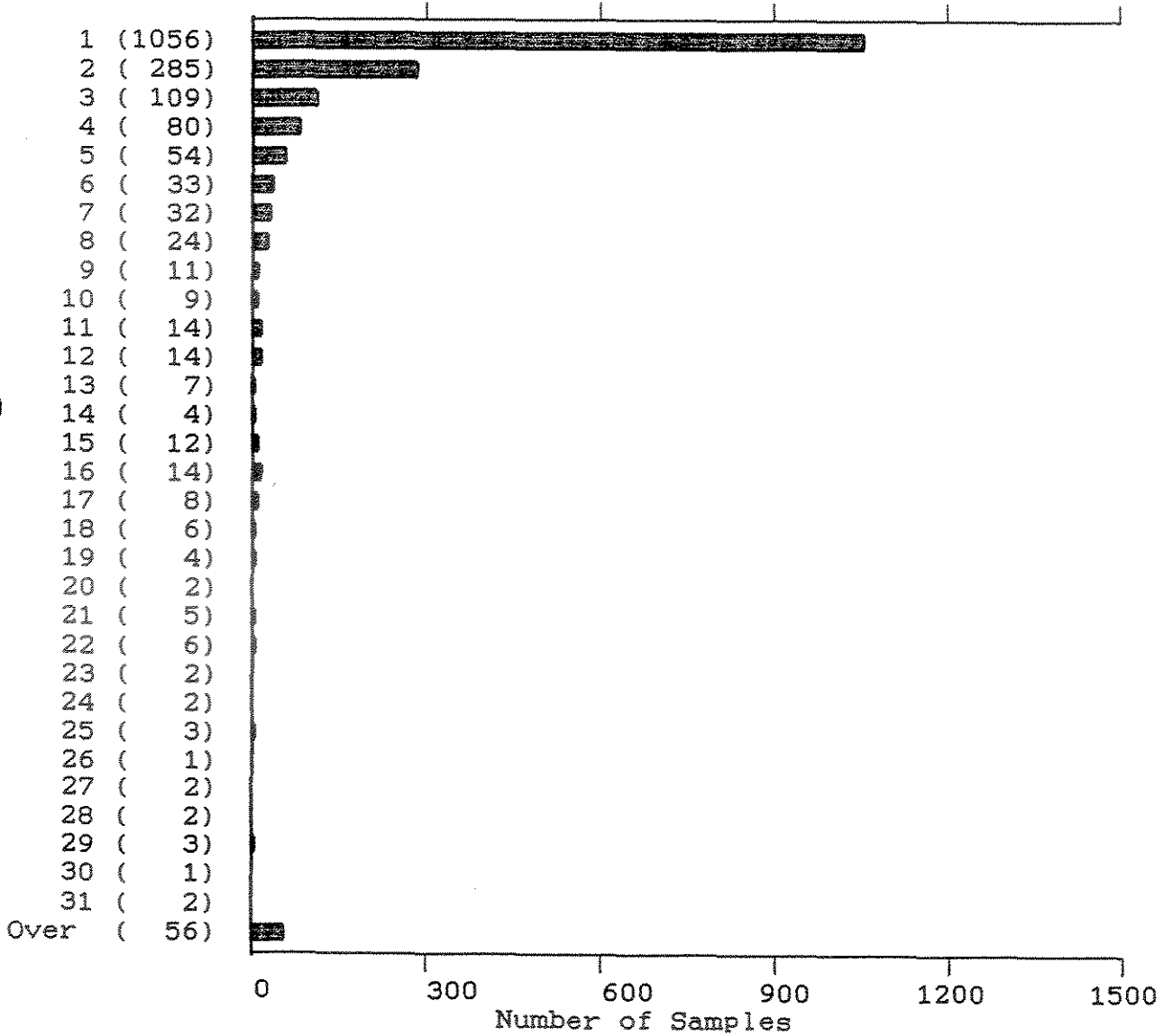
1866 Samples

Maximum: 4288
Minimum: 2

Mean: 35
Median: 8
Standard Deviation: 215

SKUKUM GOLD (S (SOIL) SERIES)

AU*
(PPB)



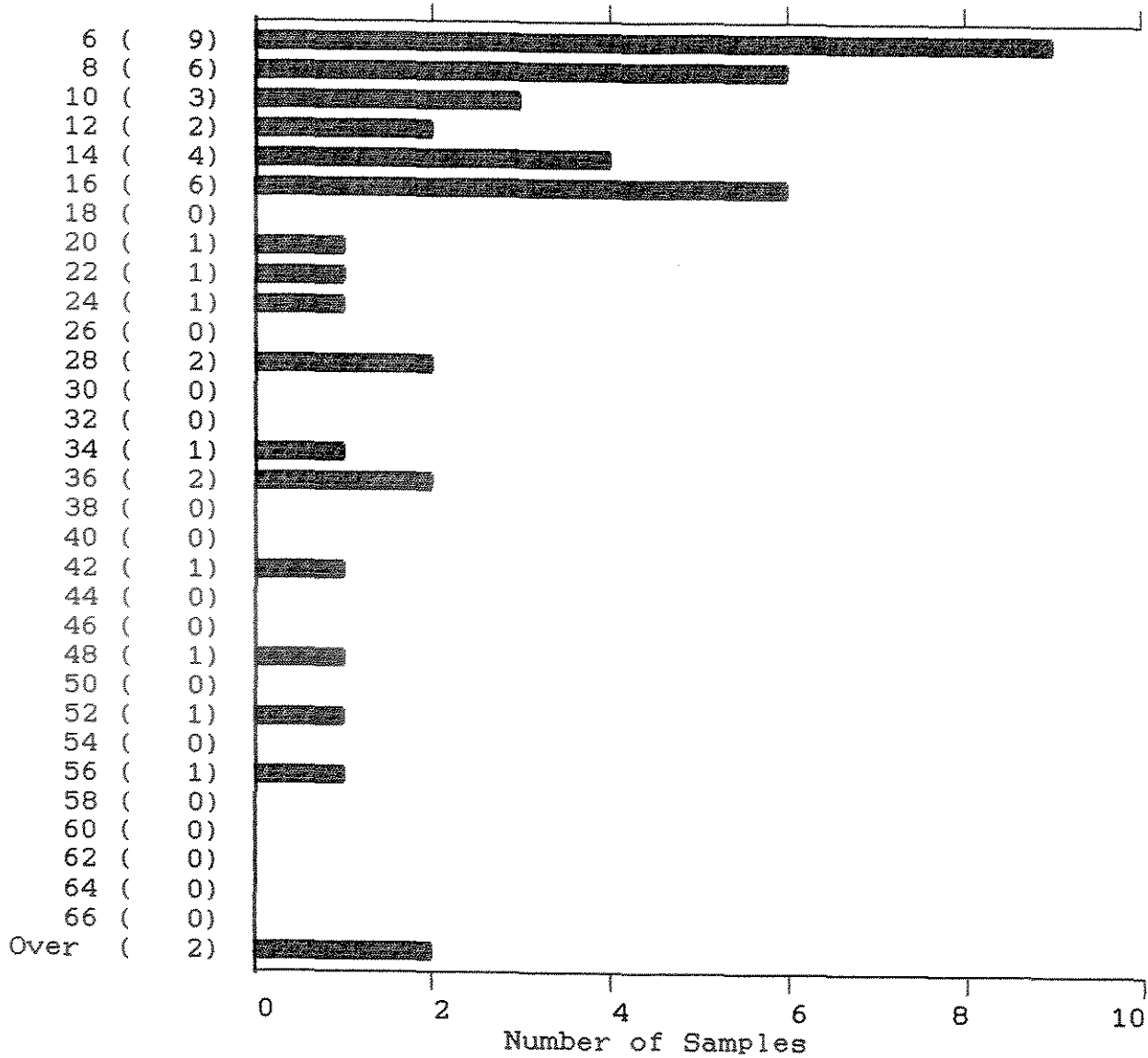
1863 Samples

Maximum: 390
Minimum: 1

Mean: 6
Median: 1
Standard Deviation: 24

SKUKUM GOLD (L (SILT) SERIES)

Cu
(PPM)



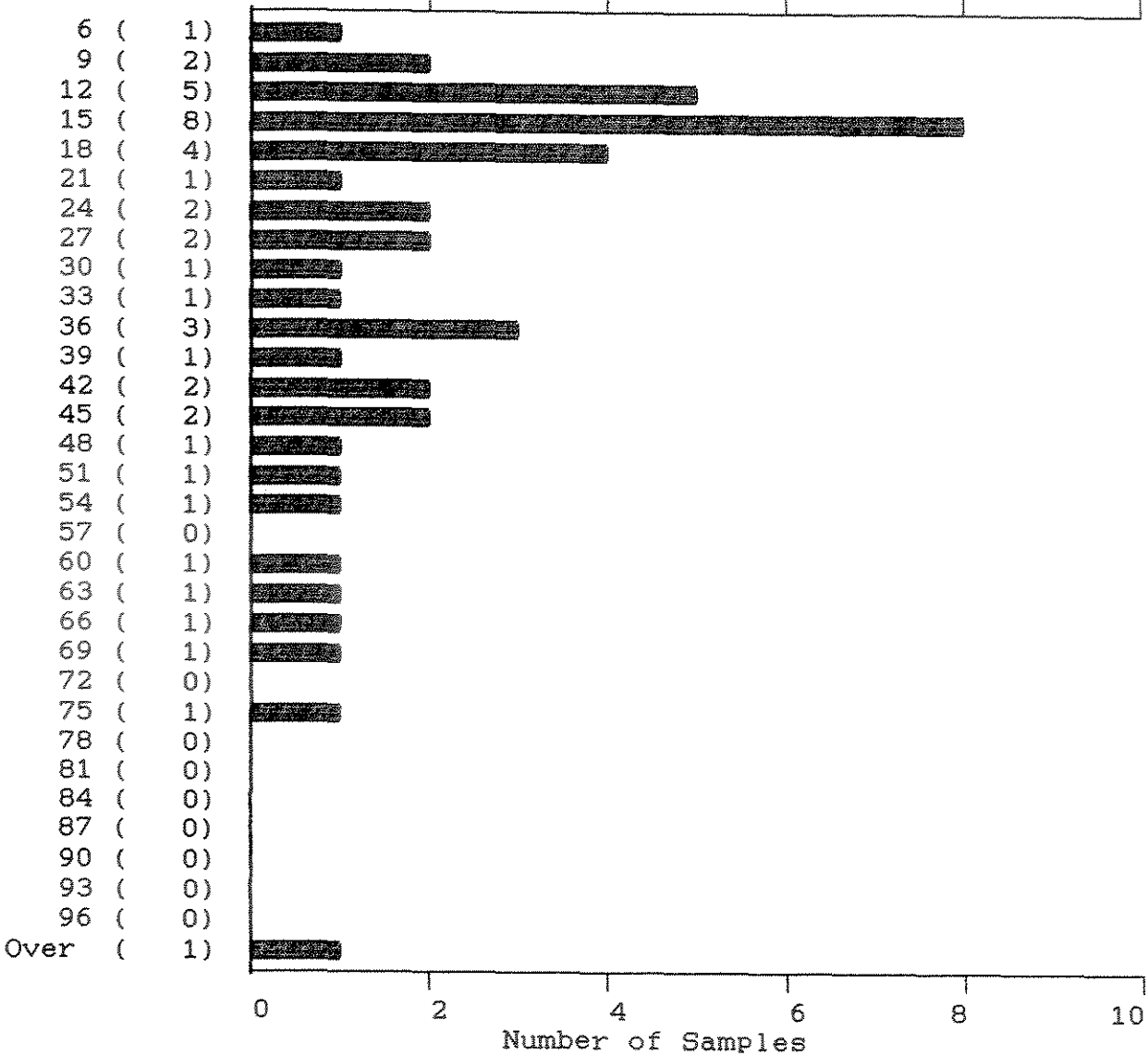
44 Samples

Maximum: 78
Minimum: 5

Mean: 20
Median: 13
Standard Deviation: 17

SKUKUM GOLD (L (SILT) SERIES)

Pb
(PPM)



44 Samples

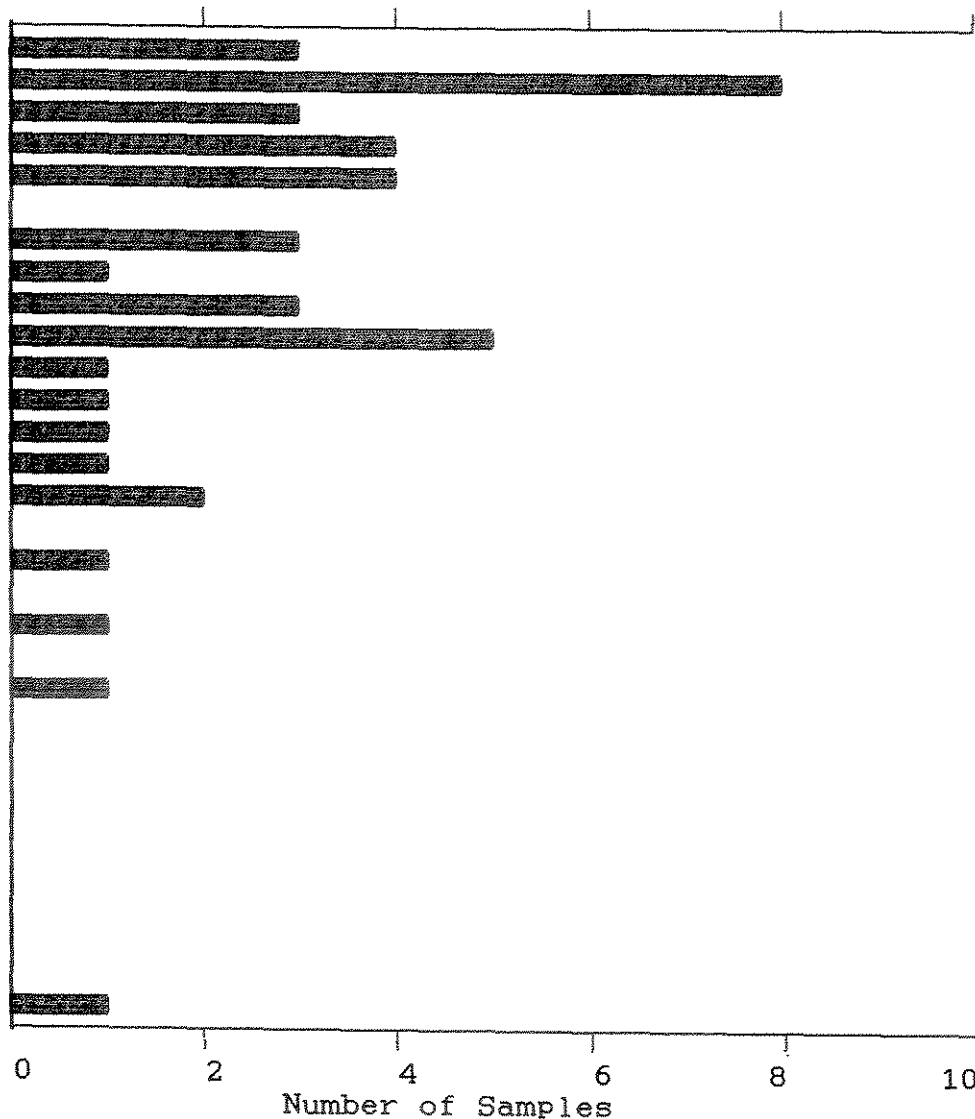
Maximum: 98
Minimum: 6

Mean: 30
Median: 23
Standard Deviation: 21

SKUKUM GOLD (L (SILT) SERIES)

Zn
(PPM)

50 (3)
 60 (8)
 70 (3)
 80 (4)
 90 (4)
 100 (0)
 110 (3)
 120 (1)
 130 (3)
 140 (5)
 150 (1)
 160 (1)
 170 (1)
 180 (1)
 190 (2)
 200 (0)
 210 (1)
 220 (0)
 230 (1)
 240 (0)
 250 (1)
 260 (0)
 270 (0)
 280 (0)
 290 (0)
 300 (0)
 310 (0)
 320 (0)
 330 (0)
 340 (0)
 350 (1)



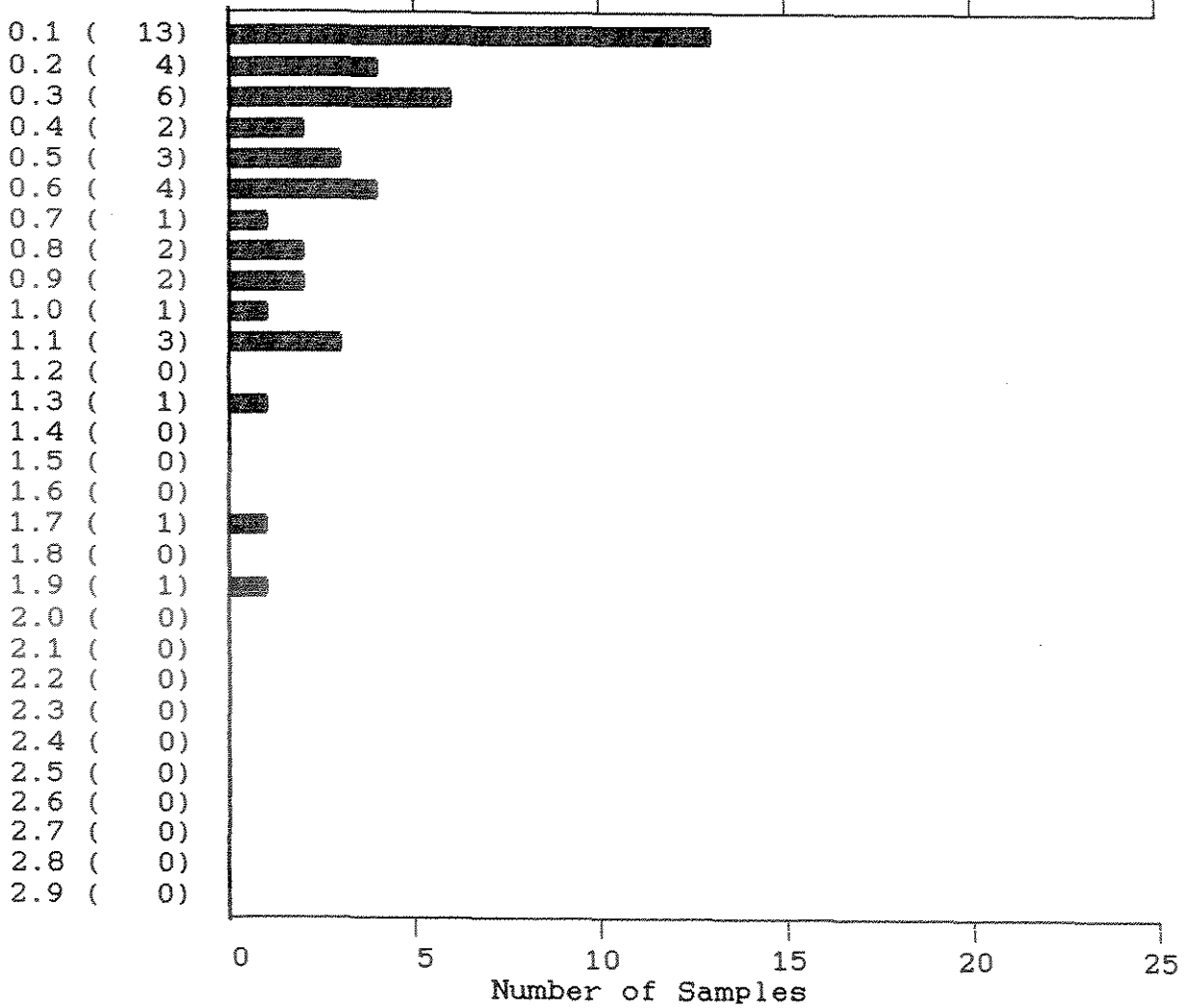
44 Samples

Maximum: 342
 Minimum: 49

Mean: 112
 Median: 90
 Standard Deviation: 62

SKUKUM GOLD (L (SILT) SERIES)

Ag
(PPM)



44 Samples

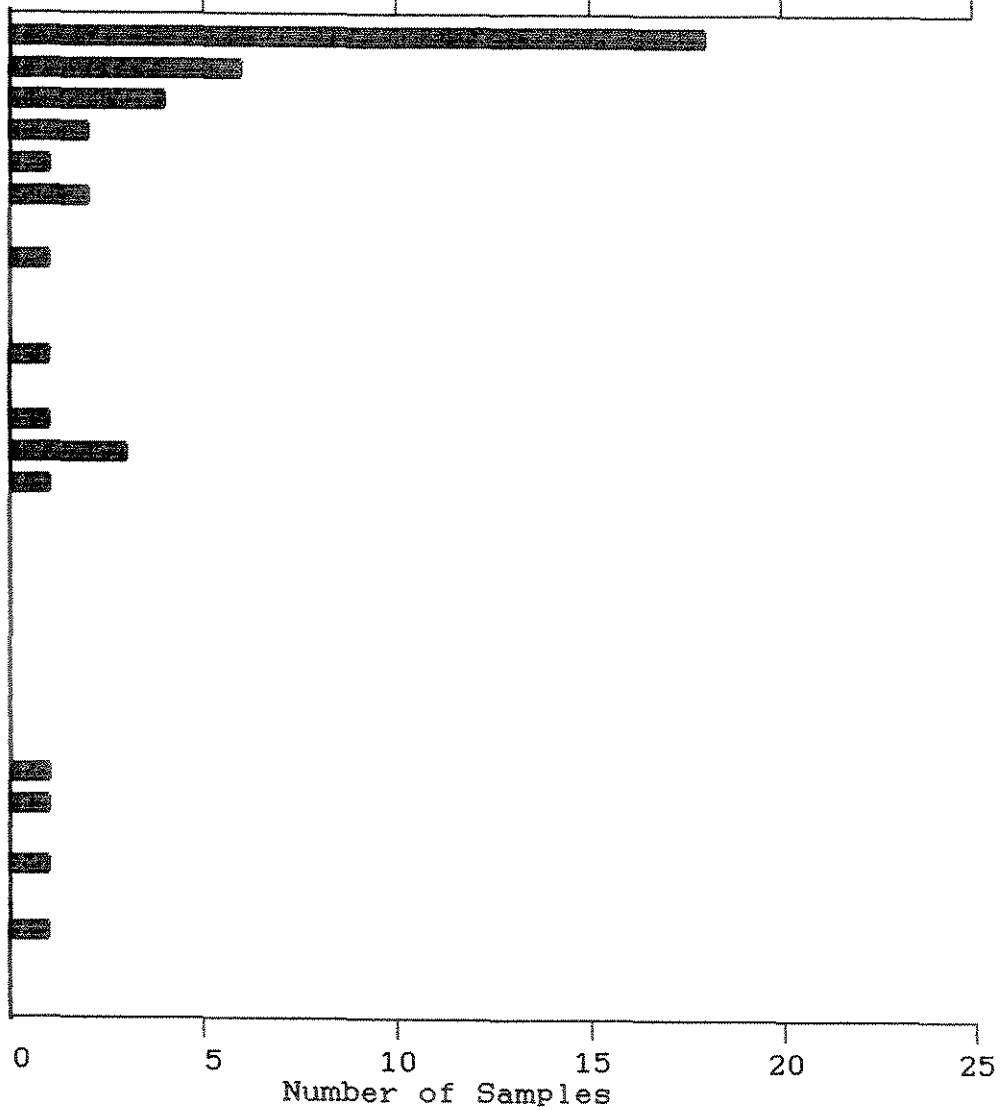
Maximum: 1.9
Minimum: 0.1

Mean: 0.5
Median: 0.3
Standard Deviation: 0.4

SKUKUM GOLD (L (SILT) SERIES)

As
(PPM)

2 (18)
 3 (6)
 4 (4)
 5 (2)
 6 (1)
 7 (2)
 8 (0)
 9 (1)
 10 (0)
 11 (0)
 12 (1)
 13 (0)
 14 (1)
 15 (3)
 16 (1)
 17 (0)
 18 (0)
 19 (0)
 20 (0)
 21 (0)
 22 (0)
 23 (0)
 24 (0)
 25 (1)
 26 (1)
 27 (0)
 28 (1)
 29 (0)
 30 (1)
 31 (0)
 32 (0)



44 Samples

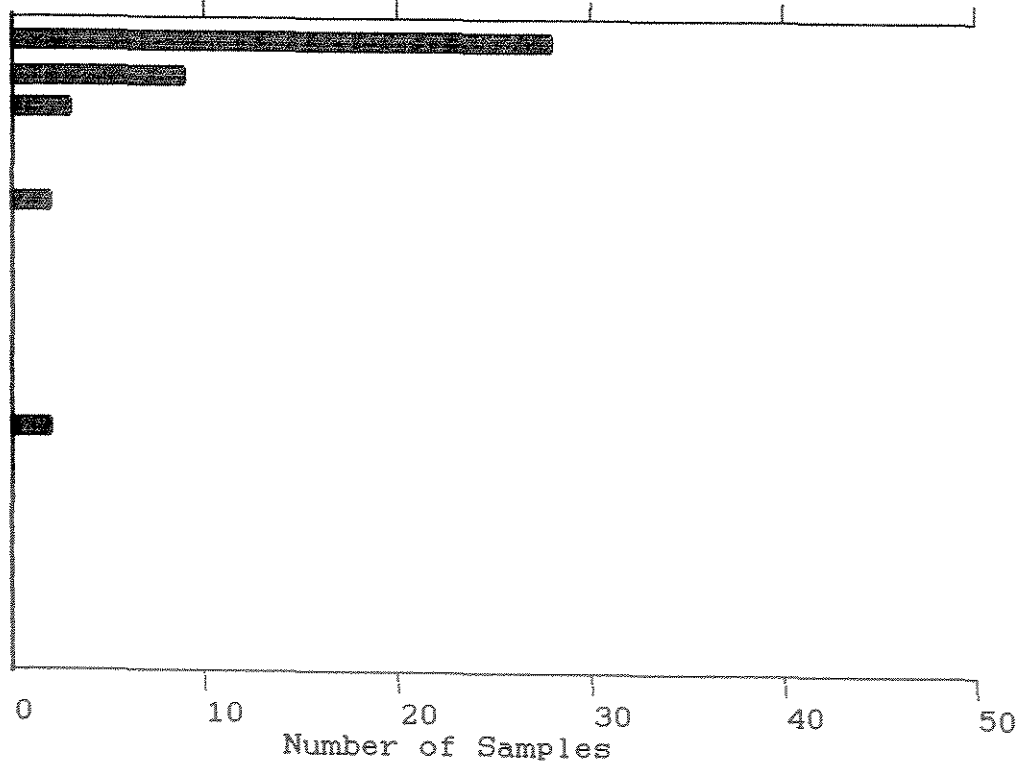
Maximum: 30
 Minimum: 2

Mean: 7
 Median: 3
 Standard Deviation: 8

SKUKUM GOLD (L (SILT) SERIES)

AU*
(PPB)

1 (28)
2 (9)
3 (3)
4 (0)
5 (0)
6 (2)
7 (0)
8 (0)
9 (0)
10 (0)
11 (0)
12 (0)
13 (2)
14 (0)
15 (0)
16 (0)
17 (0)
18 (0)
19 (0)
20 (0)



44 Samples

Maximum: 13
Minimum: 1

Mean: 2
Median: 1
Standard Deviation: 3



