MAP NO.: 105 D 3	**ASSESSMENT REPORT** X **PROSPECTUS** **CONFIDENTIAL** X **OPEN FILE**	**DOCUMENT NO:** **MINING DISTRICT:** **TYPE OF WORK:**	092809 Whitehorse Geochemical

REPORT FILED UNDER: Skukum Gold Inc.

DATE PERFORMED: 24 September-23 October, 1989 **DATE FILED:** 26 January, 1990

LOCATION: **LAT.:** 60°14'N **AREA:** Watson River

LONG.: 135°36'W **VALUE $: 26 300.00**

CLAIM NAME & NO.: MAG 1-197(YB06979-128,7130-152,154,161,164-170); WAT 37-100,111-120,134-140 (YB06167-230, 701-710,724-730)

WORK DONE BY: H.F. MacKinnon

WORK DONE FOR: Skukum Gold Inc.

DATE TO GOOD STANDING:

REMARKS: #18 BOSTOCK, #167 WAT
897 soil samples were taken on 3 grids in 1989. The MAG 1 grid outlined numerous strongly anomalous zones. The TH zone was strongly anomalous in gold and arsenic over a 450 x 175 m area with values up to 2740 ppb Au.

SKUKUM GOLD INC.

GEOCHEMICAL REPORT

ON THE

MAG 1-197
(YB06979-7128, 7130-7152, 7154, 7161, 7164-7170)
&
WAT 37-100, 111-120, 134-140
(YB06167-230, 701-710 & 724-730)

Mineral Claims

Headwaters of the Watson River

WHITEHORSE MINING DISTRICT
YUKON TERRITORY

N.T.S. : 105D/4 & D/5

LATITUDE: 60 Degrees 14 Minutes North
LONGITUDE: 135 Degrees 36 Minutes West

SEPTEMBER 24 to OCTOBER 23, 1989

By

HUGH F. MacKINNON B.Sc.

JANUARY 11, 1990

For

Skukum Gold Inc.
990 - 840 Howe St.
Vancouver, B.C.
V6Z 2L2

SUMMARY

This report describes the exploration work conducted by Skukum Gold on the MAG and WAT claims in 1989. The property consists of 322 contiguous mineral claims located at the headwaters of the Watson River in the southern Yukon Territory. Access is provided by helicopter with the nearest permanent base being Whitehorse,Y.T..

The property is underlain by roof pendants of Paleozoic or older Yukon Group metasedimentary gneisses and schists which are intruded by Cretaceous granitic rocks. Intruding or overlying these units are Eocene volcanic rocks related to the Mt.Skukum Caldera Complex. The TH arsenopyrite and galena bearing shear zone, the Bostock silver-antimony showing and a zone of strong alteration about a volcanic center are reported to occur in the area examined this year.

Gridded geochemical soil and talus fines sampling was the emphasis of the 1989 exploration program. A total of 897 soil samples were collected from three grids.

Grids 89-WAT and 89-MAG 2 failed to delineate any significantly anomalous zones. Based on the results of grid 89-WAT the Bostock Ag-Sb showing is likely not positioned correctly on the maps or is too small to be economic. Based on the results of grid 89-MAG 2 no mineralized zones appear to be present above the VOLCANIC CENTER ZONE.

Grid 89-MAG 1 was successful in defining numerous strongly anomalous zones. The most interesting of these zones is the TH ZONE which returned values of up to 2740 ppb and 2560 ppb gold from a roughly 450 meter by 175 meter strongly anomalous arsenic and gold zone. This zone may represent a mineralized source similar to that found in TH shear zone some 150 meters to the south. The second main zone of interest is the WATSON ZONE which consists of strongly anomalous multielemental - arsenic, base metal and or precious metal - clusters within a northwest trending roughly 1.2 kilometer by 1.2 kilometer area. Although the gold values in the area are low the number and magnitude of the anomalies make this area an interesting exploration target. Numerous smaller possibly anomalous to strongly anomalous zones are scattered throughout the grid 89-MAG 1 area.

A subvolcanic intrusion model is proposed to explain the geochemistry. Mineralized zones may be concentrated along graphitic shear zones, as in the TH shear zone, or along more permeable horizons.

A program of detailed geochemical surveying and geophysics coupled with prospecting and mapping is proposed as a follow up to this years work. Trenching and or diamond drilling would be contingent on the results of this program.

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1. INTRODUCTION

1.1 LOCATION & ACCESS

The MAG and WAT claims are located at the headwaters of the Watson River at 60 degrees 14 minutes north latitude and 135 degrees 36 minutes west longitude (NTS:105D/4, D/5) (Figures 1a and 1b). The property is accessible by helicopter, with the nearest permanent base being Whitehorse, Yukon Territory.

1.2 CLIMATE, TOPOGRAPHY AND 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. The exploration season lasts from mid June to the end of September. At the higher elevations snow remains on the northern exposures and gullies into July. Creeks and lakes are open from early June to mid October.

The properties cover an undulating peneplain plateau which is dissected by the Watson River and tributary streams. Topography on the valley sides is rugged with steep, often cliffed, slopes grading into talus fans toward the valley. Snowfields and small pocket glaciers exist on the high north facing cirques within the claim group. Maximum relief in the properties area is approximately 1130 meters (3700 feet) with valley floors of 1095 meters (3600 feet) and summits up to 2225 meters (7300 feet).

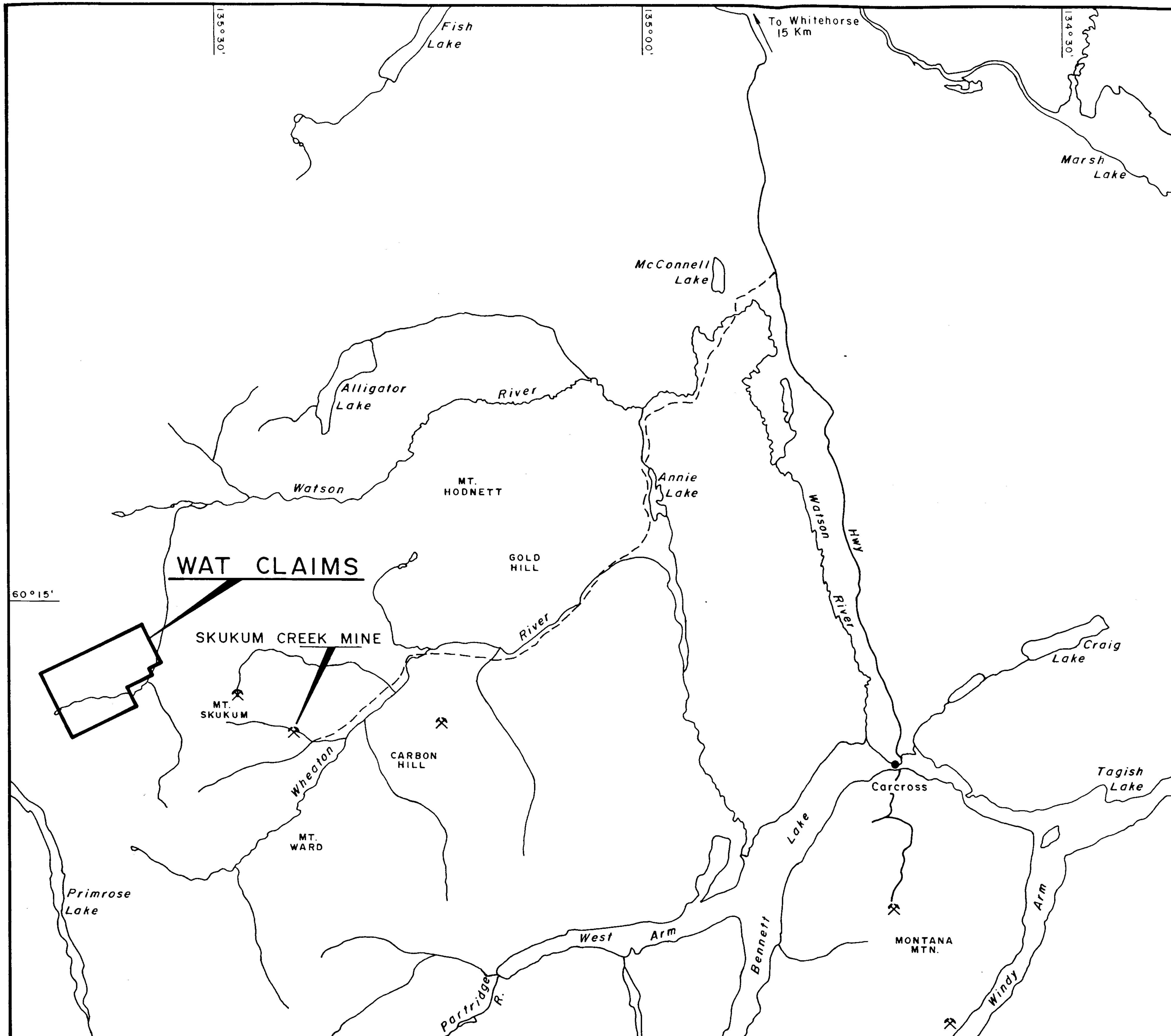
Ninety percent of the property is above treeline, with talus and felsenmeer covering the higher elevations and alpine grasses and wildflowers, and mixed stunted spruce, poplar, alder and `buckbrush'in the subalpine areas and valley floors.

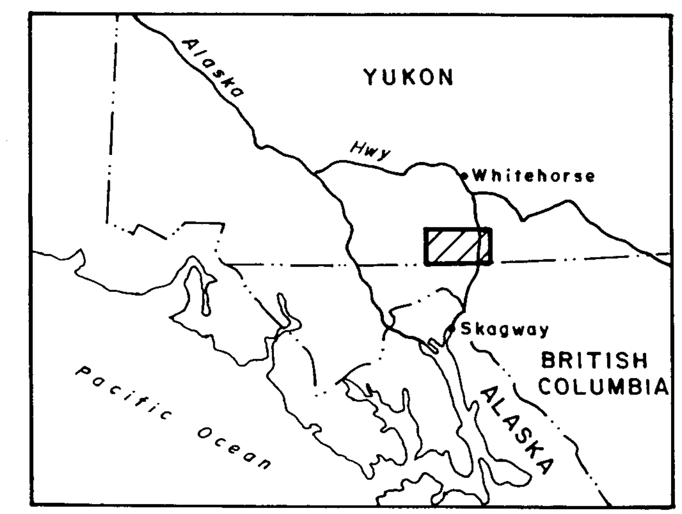
1.3 PROPERTY & CLAIM STATUS

The MAG and WAT properties consist of 322 contiguous 2 post claims located within the Whitehorse Mining District and staked under the provisions of the Yukon Quartz Mining Act (Figures 2 and 3). The claim status is listed in table 1 below.

Table 1: Claim Status

Claim Name	Grant Numbers	Recording Date	Renewal Period*	Total Claims
MAG 1-117	YB06979-7095	Aug. 20,1987	Nov.20,1990	117
MAG 120-143	YB07096-119	Aug. 20,1987	Nov.20,1990	24
MAG 146-154	YB07120-128	Aug. 20,1987	Nov.20,1990	9
MAG 156-178	YB07130-152	Aug. 20,1987	Nov.20,1990	23





LOCATION MAP

SCALE : 1: 250,000

4 2 0 4 8 12 16

Km

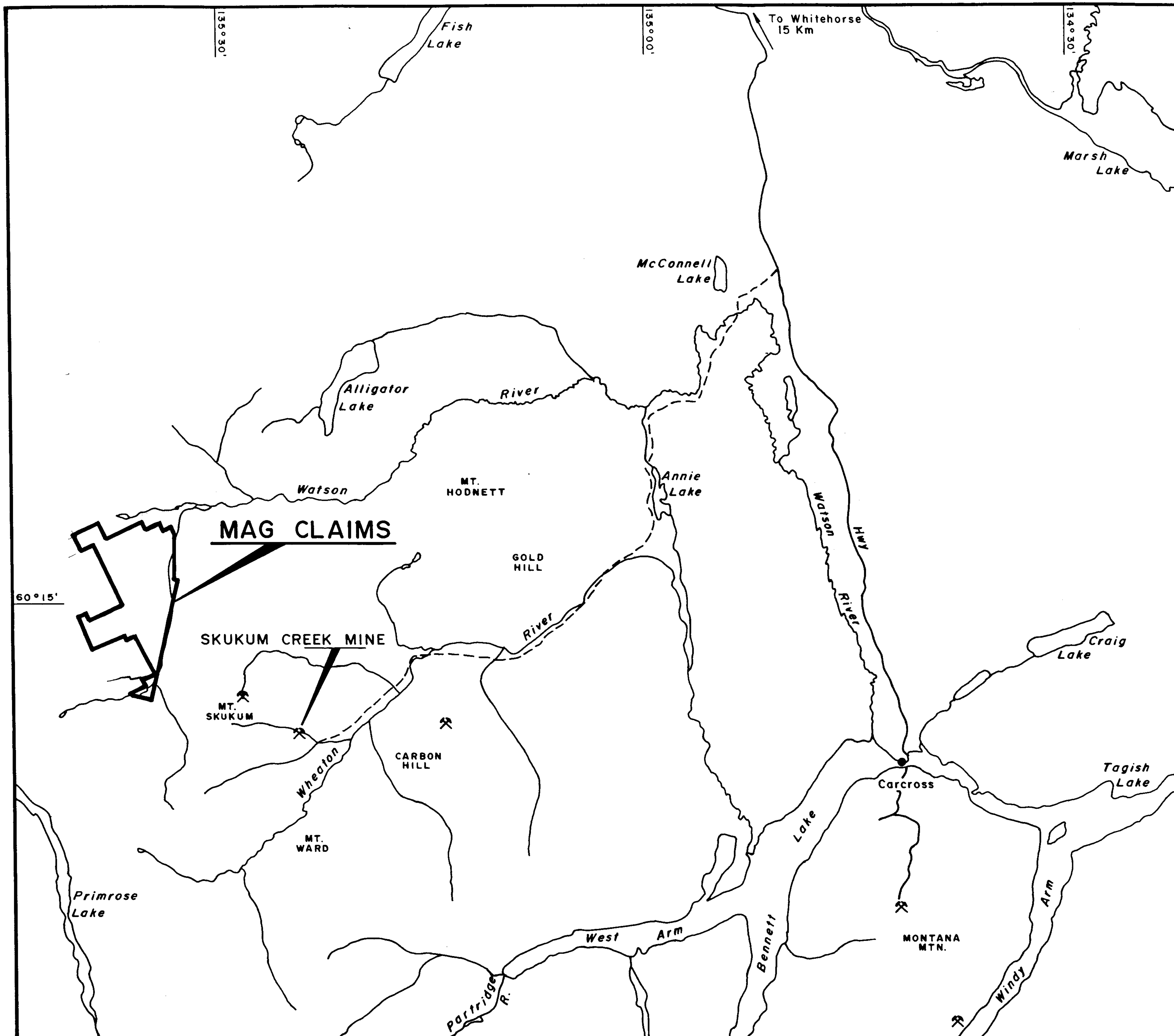
SKUKUM GOLD INC.

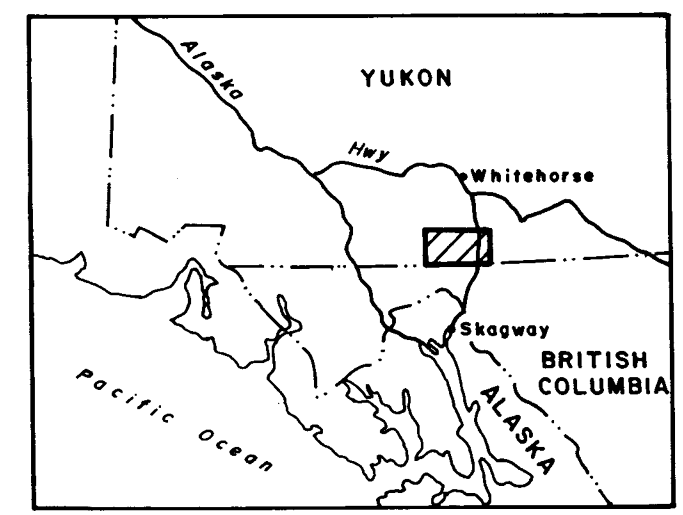
WAT CLAIMS

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 : JAN. 1989





LOCATION MAP

SCALE : 1: 250,000

4 2 0 4 8 12 16

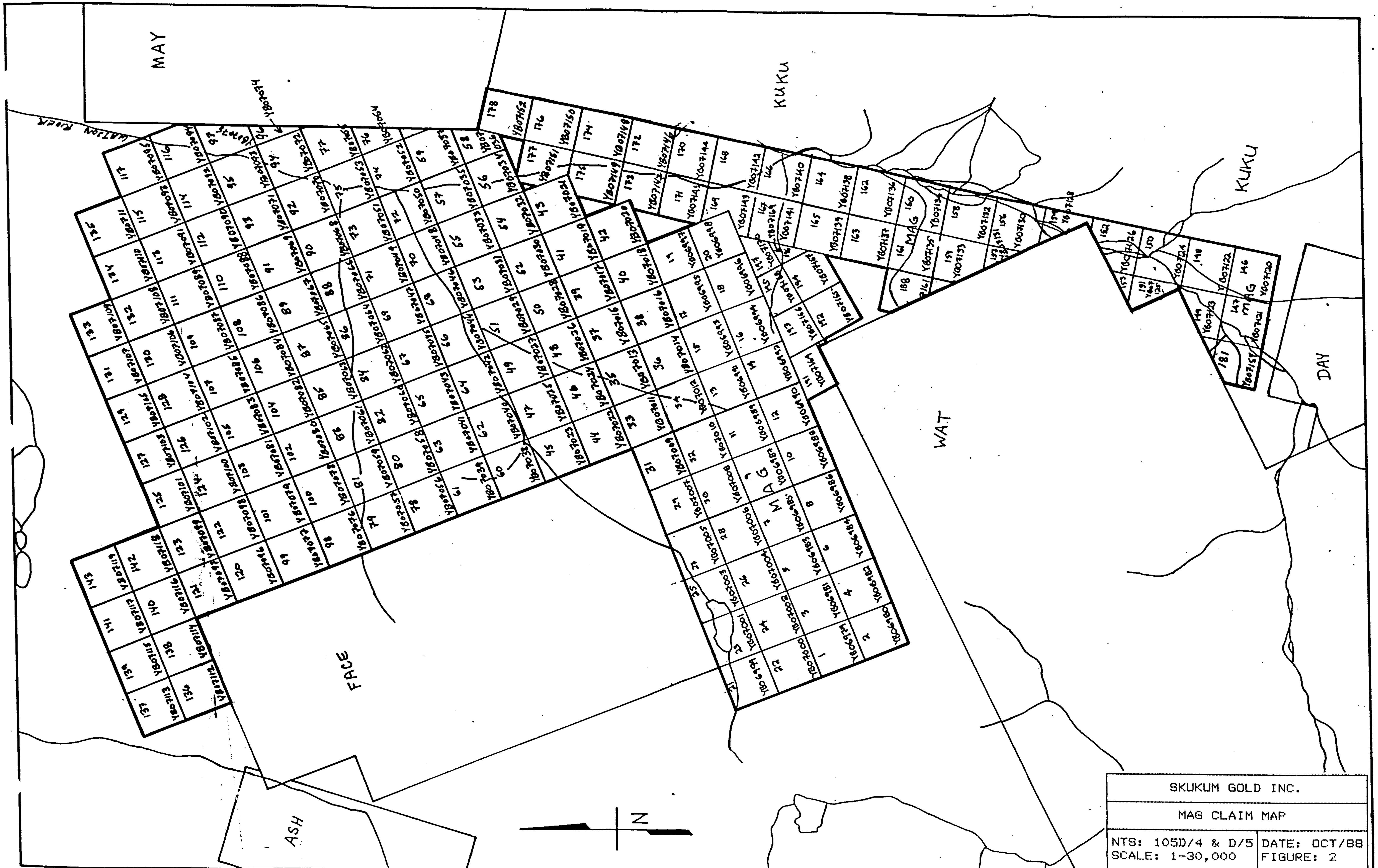
Km

SKUKUM GOLD INC.
MAG CLAIMS

WHITEHORSE MINING DIVISION — YUKON TERRITORY

LOCATION MAP

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


MAY
KUKU
KUKU
DAY
WAT
FACE
ASH
MAG
WATSON RIVER
N
SKUKUM GOLD INC.
MAG CLAIM MAP
NTS: 105D/4 & D/5
SCALE: 1-30,000
DATE: OCT/88
FIGURE: 2

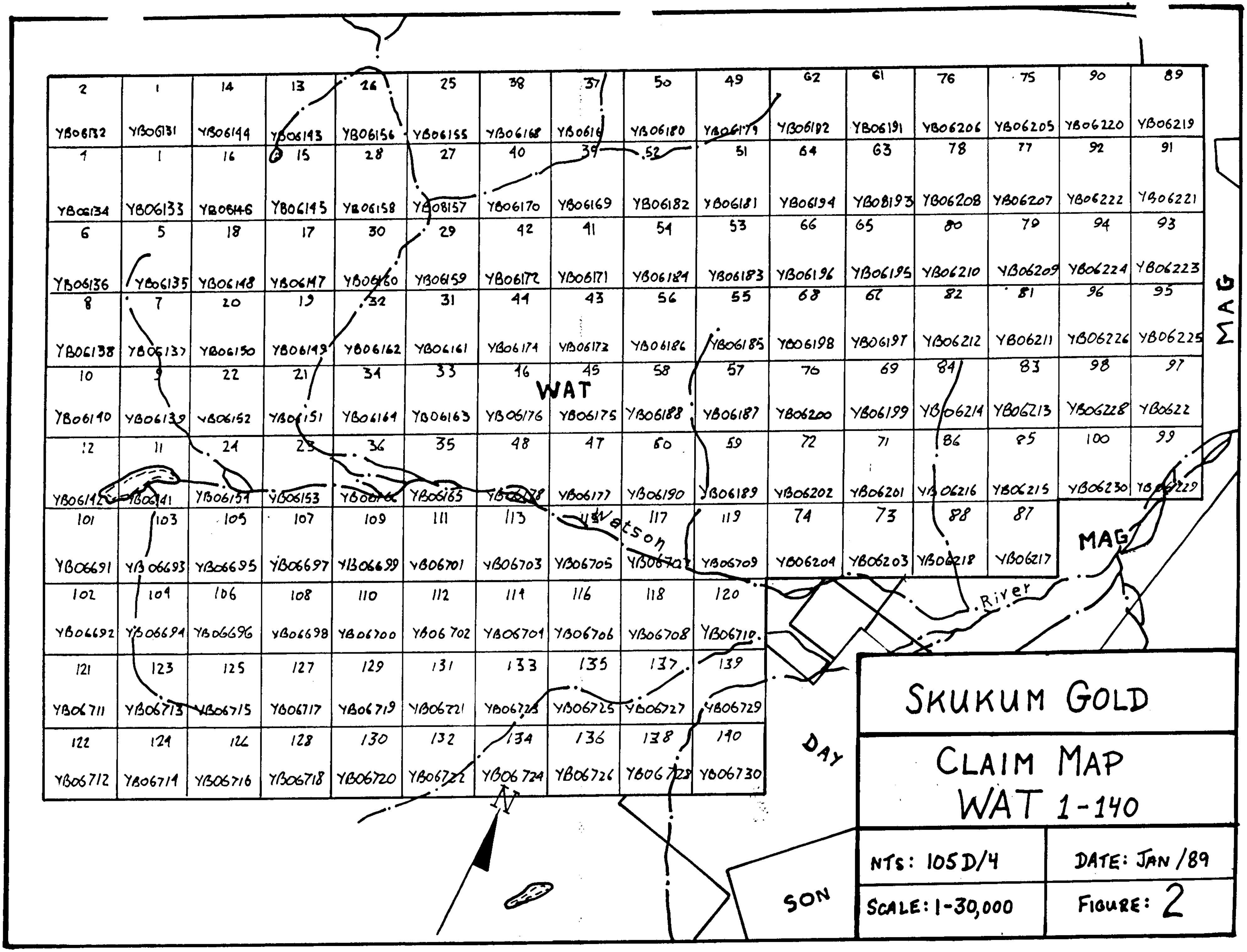

SKUKUM GOLD
CLAIM MAP
WAT 1-140
NTS: 105D/4
DATE: JAN/89
SCALE: 1-30,000
FIGURE: 2
WAT
MAG
MAG
Watson
River
DAY
SON
N

Table 1: Cont'd

Claim Name	Grant Numbers	Recording Date	Renewal Period*	Total Claims
MAG 181,187	YB07154,161	Aug. 20,1987	Nov.20,1990	2
MAG 191-197	YB07164-170	Aug. 20,1987	Nov.20,1990	7
WAT 37-100	YB06167-230	July 23,1987	Oct.23,1990	63
WAT 111-120	YB06701-710	Aug. 4,1987	Nov. 4,1990	10
WAT 134-140	YB06724-730	Aug. 4,1987	Nov. 4,1990	7

* Pending acceptance of assessment report.

The MAG and WAT claims are 100% owned by Skukum Gold Inc. of 990-840 Howe St., Vancouver, B.C..

1.4 PREVIOUS WORK HISTORY

Skukum Gold conducted a reconnaissance exploration program on the properties in 1988 (Wilkins and MacKinnon, 1988a, 1988b). Four mineralized showings and a 4 square kilometer area of anomalous talus fines was discovered on the MAG claims. An additional three mineralized showings were found on the WAT claims.

The Geological Survey of Canada conducted a regional geochemical stream sediment survey in the area in 1985 (G.S.C.,1985). Several creeks draining the properties were sampled and returned anomalous values for copper ± zinc, gold, silver, antimony and arsenic.

No other work has been recorded for the area. However an old government compilation map shows a Ag, Sb (Bostock) showing in the eastern corner of the WAT claims.

1.5 1989 EXPLORATION PROGRAM

The 1989 work program was carried out between September 24 and 30, 1989, by a contract geochemical sampling crew from Coureur des Bois Ltd. of Whitehorse, Yukon Teritory. Work was conducted out of the Skukum Gold - Omni Resources base camp at Skukum Creek, using a Bell 206 helicopter for access.

The exploration was conducted by the following personnel:

Hugh MacKinnon B.Sc., Skukum Gold Inc., Project Geologist

Denis Jacob, Supervisor, sampler
David Sufady, sampler
Diane Brent, B.Sc., sampler
Peter Kemper, sampler
Pat Titus, sampler
Kelly Suit, sampler
Gordon Hayes, sampler

Steven Dibbs, sampler
Yurg Hofer, sampler
Steven Rowlands, sampler

2. GEOLOGY

2.1 REGIONAL GEOLOGY

The MAG and WAT claims lie on the border between the Nisling Terrane to the west and 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 Complex is the more northerly of the two complexes and consists of predominantly felsic to andesitic tuffs and flows and related epiclastics. Rhyolite dykes and stocks cross cut all the above units and are believed to be the last phase of Eocene volcanism.

Precious metal and base metal mineralized epithermal to mesothermal veins and faults occur throughout the Wheaton District. Mineralization is predominantly related to the Eocene vulcanism.

2.2 GRID AREA GEOLOGY

The grid areas are underlain by a large roof pendant of Paleozoic or older Yukon Group hornblende diorite gneiss, marble, quartzite, quartz-feldspar-biotite-muscovite schist and gneiss exposed within Cretaceous Coast Plutonic Complex hornblende-biotite quartz monzonite and granodiorite. These rocks are intruded by Eocene volcanic breccias of the Mt. Skukum Volcanic Complex. Rhyolitic to andesitic dykes crosscut all the above units and are considered to be the latest phase of the Eocene volcanism.

The Yukon group rocks have undergone several phases of deformation and are complexely folded into a series of south plunging (?) open synforms and antiforms. Pegmatitic veins were found in these rocks but are of uncertain age.

The outcrop area of volcanic breccia is extensively argillic altered and is interpreted as a volcanic center. Pervasive pyrite mineralization and minor galena and arsenopyrite are associated with this zone. Arsenopyrite and galena mineralization was found in a 2 meter wide graphitic shear zone in the TH shear zone. This zone occurs within the Yukon group metamorphic rocks. An antimony-silver showing is reported to be present in the grid 89-WAT area.

The northeast trending gully in the southern half of the MAG claims represents a very strong satellite and topographic lineament. This lineament may have played a role as a conduit for metallogenic fluids.

Additional information can be obtained by consulting Wilkins and MacKinnon (1988a,1988b). The grid area geology is summarized in figure 4.

3. GEOCHEMISTRY

3.1 INTRODUCTION

Reconnaissance sampling in 1988 showed that talus fines/soil sampling is a viable tool for determining anomalous areas on the properties. The upper peneplain plateaus on the WAT and MAG claims were only partially sampled in 1988 and based on their topography and limited outcrop were an ideal area for gridded surveys.

All grids were established by a slope corrected, hip chain, and compass survey. The baseline and crosslines were picketted and flagged at 100 meter line intervals with 50 meter stations along lines. Samples were collected, using a mattock, from the C horizon or B-C horizon interface some 1 to 10 centimeters below the surface. Most of the soils or talus fines had poorly developed horizons composed of residual accumulations of weathered talus, glacial till, felsenmeer, and or bedrock. Several areas were not sampled due to cliff or outcrop exposure or snow and ice coverage. In total 130, 565 and 202 soil samples were collected on grids 89-WAT, 89-MAG 1 and 89-MAG 2 respectively.

Grid 89-WAT was established as a prospecting grid to determine the extent of the Ag and Sb anomaly associated with the Bostock Ag-Sb showing. In addition this grid was to test for the source of downslope Au, Ag, Zn and Ag anomalies and evaluate a similar geological setting as the Grunt Au-As showing 1.2 kilometers to the south.

Grid 89-MAG 2 was established, again as a prospecting grid, to test for mineralization above the volcanic center alteration zone and multielement anomaly. The eastern extension of the grid was to test for mineralization associated with a topographic saddle and gully lineament.

Grid 89-MAG 1 was established over the plateau area which is strongly anomalous in arsenic, gold silver and lead. This grid was also set out to test for mineralization associated with the strong lineament and for extensions of the TH shear zone.

The eastern half of lines 10N and 11N of grid 89-MAG 1 were inadvertently not sampled by the contractor. The samples for line 16N of grid 89-MAG 1 were left out in the field by the contractor.

3.2 SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Soil 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 seived to minus 80 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 silver, copper, lead, zinc, antimony and arsenic using the Induced Coupled Plasma (ICP) technique. In addition gold was analyzed from a 10 gm. fraction by the conventional Atomic Absorption (AA) technique.

3.3 TREATMENT AND PRESENTATION OF RESULTS

The MAG and WAT soil sample results from 1989 and 1988 were combined together to provide a larger sample population for statistical interpretation of the data. Graphical and numerical methods were used to separate background from anomalous metal concentrations. To prevent a biasing of the data by high numbers the following limits were placed on the data included in the statistical analysis performed by ACME ANALYTICAL LABORATORIES:

Au	<250	ppb
Ag	< 33	ppm
As	<400	ppm
Cu	<150	ppm
Pb	<150	ppm
Zn	<500	ppm

Threshold, anomalous and strongly anomalous values were determined as the mean plus two standard deviations (x+2s), the mean plus three standard deviations (x+3s) and the mean plus four standard deviations (x+4s) respectively. A possibly anomalous category was created in order to assist in defining overall trends. Anomalous sample divisions are presented in table 2 below. Statistical summaries and histograms are presented in appendix 2.

Table 2: Statistical Summary of Anomalies

Mean (x)	Possibly Anomalous	Threshold x+2s	Anomalous x+3s	Strongly Anomalous x+4s
Cu 45 (ppm)	77-108	109-140	141-172	172+
Pb 25 (ppm)	46-66	67-87	88-108	109+
Zn 141 (ppm)	225-308	309-392	393-476	477+
As 51 (ppm)	121-190	191-260	261-330	331+
Ag 0.4 (ppm)	1.1-1.7	1.8-2.4	2.5-3.1	3.2+
Au 6 (ppm)	19-31	32-44	44-57	58+

3.4 GRID 89-MAG 1 GEOCHEMISTRY

Grid 89-MAG 1 results are presented on maps 1 to 6. The grid area is strongly anomalous in arsenic, gold, silver, lead, zinc and copper. Antimony values are not anomalous in the grid area.

Anomalous gold values up to 2740 ppb are clustered for 275 meters at the end of line 9N, between 12+25 E and 15+00E. A second cluster of gold anomalies is situated between L4N/1E and L9N/1E. This anomaly is not as strong as the first with values only up to 76 ppb. Spot possibly anomalous to strongly anomalous gold values occur along the southern edge of the grid and scattered throughout the rest of the grid.

Only one point, L8N/1W, on the grid is strongly anomalous in silver. Possibly anomalous to anomalous silver values are clustered around the strong gold anomaly on L9N, in the southwestern corner of the grid and in a few other spots or clusters.

Arsenic is at threshold or strongly anomalous over much of the grid area. The largest cluster of arsenic anomalies is an up to 800 meter wide zone northwest trending zone extending from L1N to L15N between 6W and 2+50E . Within this broad anomaly is a roughly 300m x 200m zone centered at L2N/3W with arsenic values up to 906 ppm. The second main group of anomalous arsenic clusters is centered around the very strong gold anomaly at L9N and extends southwest from this zone as a group of strong spot anomalies with values up to 1854 ppm. A third cluster of arsenic anomalies is centered around L13N/3E and extends for roughly 450 meters. Additional strongly anomalous spots are situated in the northern half of the grid.

Copper is not as strongly anomalous as some of the other elements but possibly anomalous to anomalous copper zones occupy most of the southern half of the grid. The highest copper value is 1109 ppm and occurs at L3N/5E within a broad possibly anomalous zone. Other strongly anomalous zones are situated southwest of this area. Within the wide copper anomalies are zones of possibly anomalous or background copper values.

The largest concentration of strongly anomalous zinc values is situated between 11+50N and 15+25N at 15E to 16+75E. Values of up to 823 ppm zinc occur in this zone. Numerous spot strongly anomalous zinc values occur in the southeastern portion of the grid including the highest zinc value 1181 ppm at L3N/5E. A weak concentric pattern of zinc anomalies surrounds the high value and several other strongly anomalous points. A portion of this surrounding zone extends from 1N to 9+25N.

Four clusters of strongly anomalous lead values are present in the grid area. The largest cluster is about 400 meters long and 150 meters wide and is centered at L3N/4+50W. The second cluster extends northwest from L2N at the baseline to L8N/1+50E. A small cluster and one point anomaly are centered at 6+50N/6+50E and L17N/3W respectively. Numerous small possibly anomalous to anomalous lead anomalies are scattered about the grid area.

3.5 GRID 89-MAG 2 GEOCHEMISTRY

Grid 89-MAG 2 results are presented on maps 7 and 8. Gold is possibly anomalous at only one point, L0+00/2+50S, in the grid area. Lead is possibly anomalous at two locations and anomalous at one location. Arsenic, antimony, copper, zinc and silver are not anomalous in the grid area

3.6 GRID 89-WAT GEOCHEMISTRY

Grid 89-WAT sample results are presented on figures 5 and 6. The grid area is not anomalous in any elements with the exception of several weak spot anomalies. Line 5N at the baseline is strongly anomalous in zinc and possibly anomalous in copper and silver. Two points west of this sample are possibly anomalous in copper. At L0+00/baseline a possibly anomalous, 27 ppb, gold value was returned. Lead and antimony are not anomalous in the grid area.

0 500 1000
metres
1:30,000

LEGEND

LITHOLOGY –

EOCENE

SKUKUM GROUP VOLCANICS

Ev	· Including volcanic breccia
Er	· Rhyolite to andesite dykes

CRETACEOUS

COAST PLUTONIC COMPLEX

Kqm	· Hornblende - biotite quartz monzonite and granodiorite

PALEOZOIC or OLDER · Yukon Group

Pdr	· Hornblende - diorite and diorite gneiss
HЄsn	· Quartz - feldspar - biotite - muscovite schist and gneiss
HЄm	· Marble

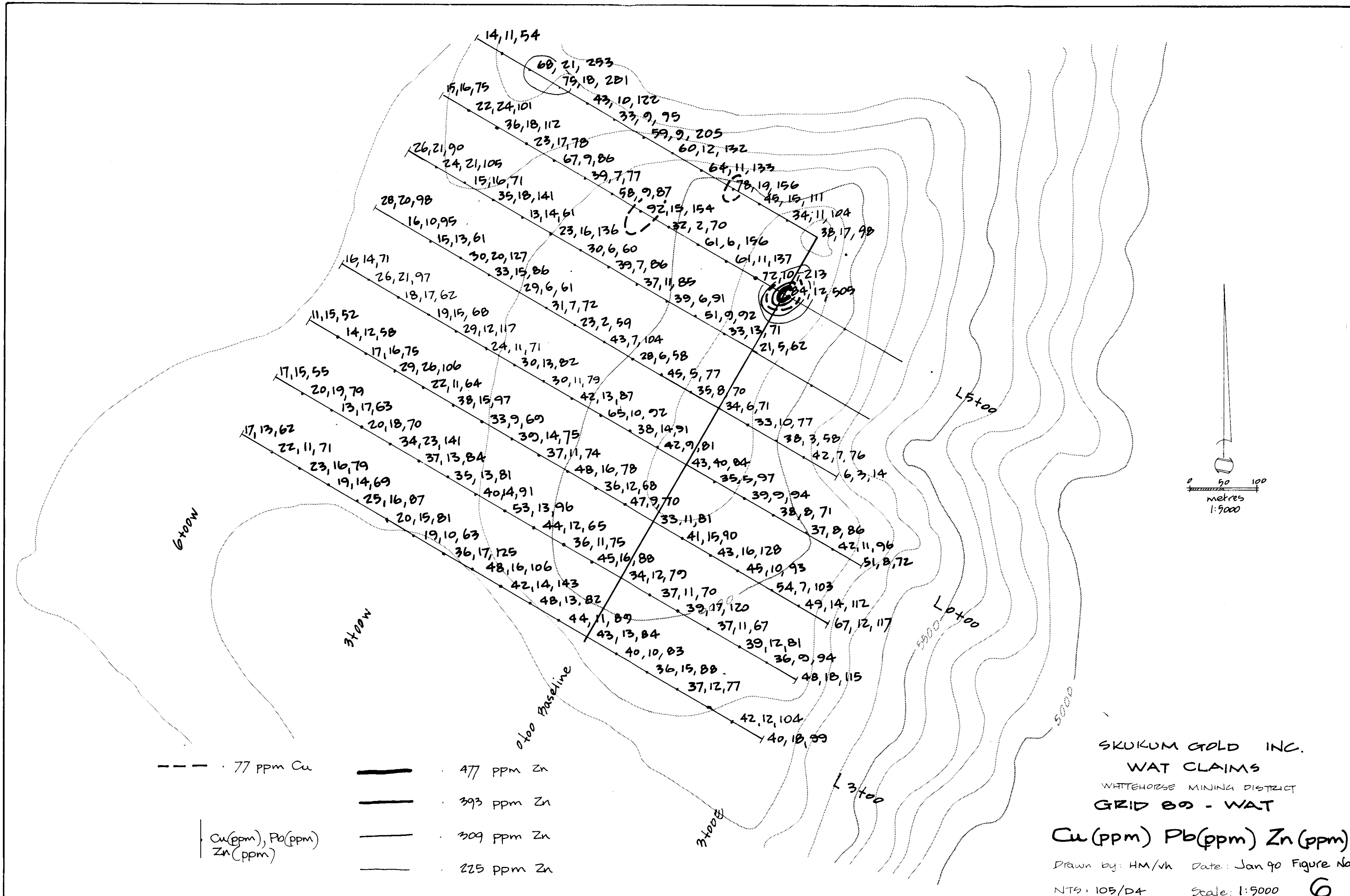
SYMBOLS –

– – · Contact

~~ · Fault

SKUKUM GOLD INC.
MAG·WAT CLAIMS
WHITEHORSE MINING DISTRICT
SUMMARY of GRID AREA GEOLOGY

Drawn by: HM/vh Date: 1/90 FIGURE: 4
NTS: 105/D4,5 Scale: 1:30000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42,12,104
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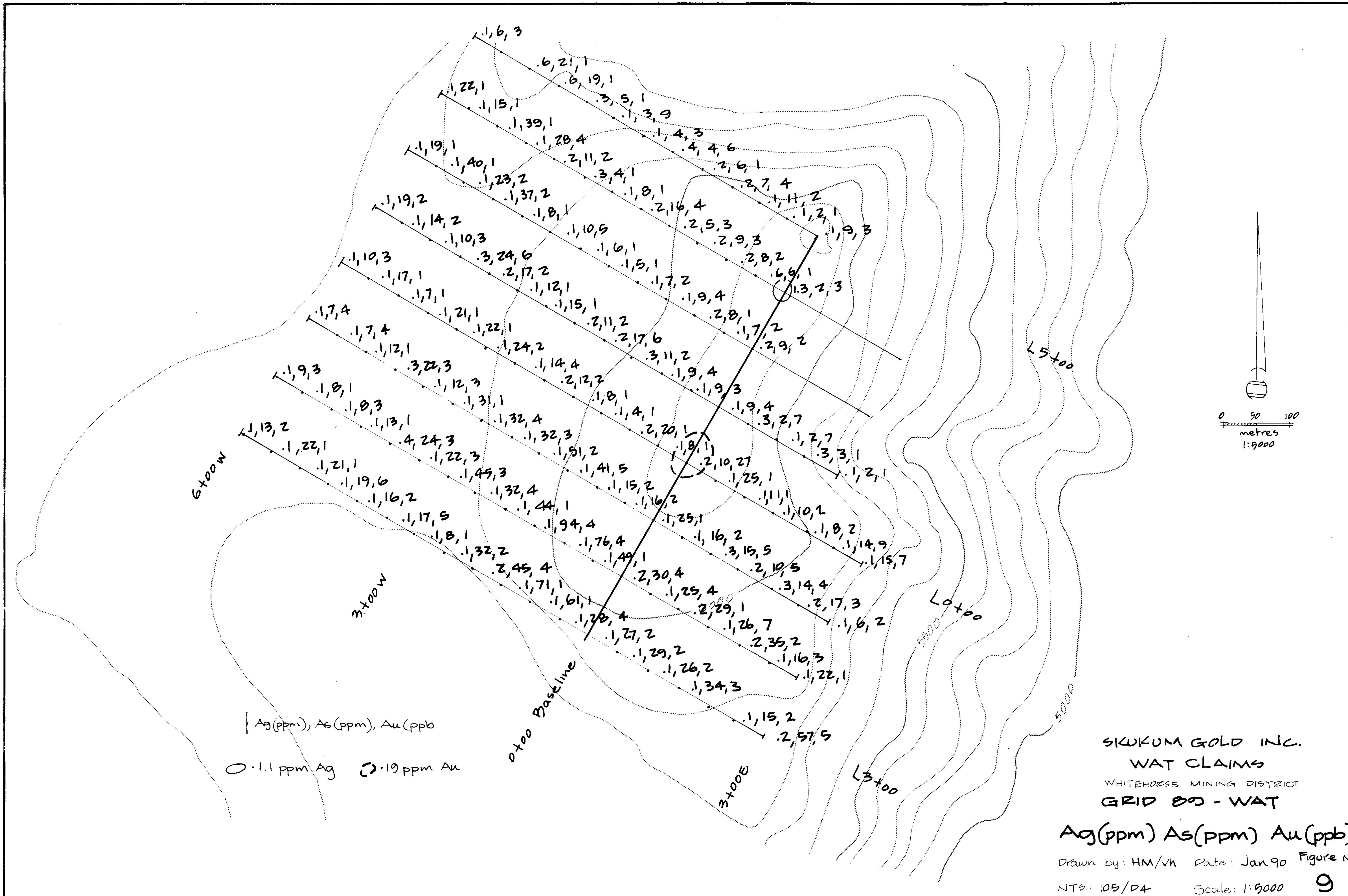
L5+00
L6+00
L3+00
6+00W
3+00W
0+00 Baseline
3+00E
5500
5000
0 50 100
metres
1:5000
77 ppm Cu
477 ppm Zn
393 ppm Zn
309 ppm Zn
225 ppm Zn
Cu(ppm), Pb(ppm) Zn(ppm)
SKUKUM GOLD INC.
WAT CLAIMS
WHITEHORSE MINING DISTRICT
GRID 89 - WAT
Cu (ppm) Pb(ppm) Zn (ppm)
Drawn by: HM/vh
Date: Jan 90
Figure No. 6
NTS: 105/D4
Scale: 1:5000



L5+00
L4+00
L3+00
6+00W
3+00W
0+00 Baseline
3+00E
5000
5500
Ag (ppm), As (ppm), Au (ppb)
○ ·1.1 ppm Ag
◌ ·19 ppm Au
0 50 100
metres
1:5000
SKUKUM GOLD INC.
WAT CLAIMS
WHITEHORSE MINING DISTRICT
GRID 89 - WAT
Ag(ppm) As(ppm) Au(ppb)
Drawn by: HM/vh
Date: Jan 90
Figure No.
9
NTS: 105/D4
Scale: 1:5000

4. DISCUSSION

4.1 GRID 89-MAG 1

The geochemical survey has been successful in outlined numerous zones which will require follow up work. These anomalous areas are summarized on map 9 and compiled with the preliminary 1988 geology.

The most significant geochemical anomaly is the pair of 2740 ppb and 2560 ppb gold anomalies and the enclosing 300 x 200 meter anomalous zone at the end of line 9N in the TH zone. This gold anomaly is associated with a very strong arsenic anomaly. As lines 10N and 11N were not sampled it is difficult to determine the trend of the anomaly, but since the highest numbers occur in a row it is quite possible that it trends southwest-northeast. The arsenic anomaly apparently trends to the north and splays southwest from L8N/15E. Taking a larger frame of reference an apparent north-south trend to the arsenic anomalies may be present; but this is based on rather spotty highs. Since the northwest trending TH shear zone is situated only 150 meters south of the anomalous zone maybe the TH zone represents a parallel or subparallel mineralized structure similar to the TH shear zone.

The TH shear zone is not well defined by the grid geochemistry. It is marked by a fairly small anomalous arsenic and gold cluster and a broad weakly anomalous lead, zinc and copper zone. The mineralogy (arsenopyrite, pyrite and galena) and geochemistry (As-Au-Pb-Ag) of the anomaly, as determined in 1988, suggests that; copper and zinc are dispersed downslope from the showing; arsenic, gold, and lead - as expected - mark the location of mineralization quite well; and silver is not very useful in delineating this type of mineralization.

The across slope orientation of the zinc and copper ± arsenic anomaly north of the TH zone suggests a 350 meter long mineralized structure or horizon may be present in that area. However only one possibly anomalous precious metal sample at 30 ppb gold is associated with this anomaly.

The main anomalous zone on the property is a roughly 1.2 kilometer by 1.2 kilometer area of multielement anomaly clusters collectively called the WATSON ZONE. Athough gold values for this zone are fairly low, with a maximum of only 89 ppb, the number and magnitude of arsenic, lead, copper, silver and zinc anomalies make it a very interesting exploration target.

The principal trend of the WATSON ZONE anomalies is northwest, however individual elemental clusters vary in shape and orientation. Since this trend partially crosses the slopes, either a structural or stratigraphic control to the source areas may be proposed. The strongest anomalies in this zone are for arsenic, lead, and copper. Arsenic anomalies coincide reasonably well with all other strong anomalies especially those for gold. The anomalies cross over the inferred geological contacts and are more prevalent in the metamorphic (Yukon Group) rocks than in the granitic rocks. In the southwest corner of the grid the anomalies trend along some of the gullies. The gullies may host mineralized zones and structures or simply be concentration points for geochemical dispersed elements from up hill sources.

If as in the TH zone the lead, arsenic and gold anomalies are the best indicator elements for in situ mineralization then the following WATSON ZONE area clusters can be considered as high priority prospecting targets:

1) As + Au ± Pb ± Cu from 2+75N/0+00 to 8+50N/1W
2) As + Pb ± Au ± Cu ± Zn from L1N/3+50W to L4N/5W
3) As + Pb + Zn ± Cu from L6N/6E to L7N/6+50E
4) As ± Zn ± Cu from L1N/0+00 to L4N/2+25E

Veins or dykes - which to date have been interpreted as pegmatitic in nature - crosscut the southwestern portion of the WATSON ZONE. Their relationship to the anomalies is unknown but due to their location warrant further sampling.

The arsenic anomaly in the central portion of the grid is not associated with any other strongly anomalous elements. However small clusters of possibly anomalous silver values are associated with it.

The anomalies in the northern most portions of the grid may be the source areas for some, but not all, of the 1988 talus fines anomalies.

The source of the mineralization and geochemical anomalies is not well understood. Since to the south, east and west of this area subvolcanic to volcanic intrusions are present it may be that similar intrusions were the driving force for hydrothermal fluid movement. Localization of mineralization may be along shear zones, as in the TH shear zone, or in other more permeable horizons. Since the metamorphic rocks are strongly deformed the noses of fold may be marked by geochemical anomalies(?). The volcanic center one kilometer south of the grid is extensively altered and suggests active hydrothermal fluid movement around the subvolcanic intrusions.

Several dyke sets cut the property. Elsewhere in the Wheaton district these dyke sets occupy extensional to strike slip structures and host mineralization (eg. Mt. Skukum ore deposit). Too little information is available to determine if the dykes are related to the geochemistry. However argillic, sericitic or silica alteration was seen in many of the felsic dykes in the eastern margins of the grid.

Geochemical anomalies are not lined up along the major lineament. This does not preclude it from being a fluid conduit, as the Berney Creek fracture in the Wheaton District is not strongly mineralized but is spatially related to many deposits and showings.

On a broader/regional scale the grid area may be on the outer most margin of the Mt. Skukum caldera complex. Boundary faults associated with the caldera collapse host mineralization in the Mt. Skukum region.

4.2 GRID 89-MAG 2

The geochemical survey was not successful in delineating any significantly anomalous zones. Only one anomalous lead value may be worthy of follow up.

Since no geochemical signature occurs above the volcanic center no structures or suitable zones appear to have been present, in the overlying granitic rocks in which metallogenic hydrothermal fluids could migrate and precipitate economic minerals. Also, the saddle to the east of the center is not marked by any geochemical signature and may be a purely glacial rather than structural topographic feature.

4.3 GRID 89-WAT

Based on the geochemical results it can be assummed that either the Bostock Sb-Ag showing is not present in the gridded area or is too small in areal extent to be picked up by the fairly wide spaced survey. If the latter case is true then it would not be of economic interest anyways.

5. CONCLUSIONS AND RECOMMENDATIONS

Three geochemical grids were established over Yukon Group metamorphic rocks, Coast Plutonic granitic rocks and Eocene volcanic rocks on the MAG and WAT claims. A total of 897 soil and talus fines were collected.

Two main zones of anomalies were defined on grid 89-MAG 1; the TH ZONE and the WATSON ZONE. The TH ZONE is a roughly 450 meter by 175 meter gold-arsenic anomaly with two gold values of 2740 ppb and 2560 ppb at the center of the zone. Adjacent to the TH ZONE is the TH shear zone, which hosts gold-arsenic and lead mineralization. The mineralization in the TH shear zone is not defined by a strong geochemical anomaly. Preliminary results suggest arsenic, gold and lead may be the best indicator elements for this type of mineralization. Due to proximity to the TH showing the TH ZONE may be an area of similar mineralization. Other graphitic shear hosted veins and showings are present on the EARL and CHARLESTON properties in the Wheaton district .

The second main anomalous area, the WATSON ZONE, consists of a large number of clusters of arsenic, gold, silver, copper, lead and zinc anomalies covering a roughly 1.2 kilometer by 1.2 kilometer area. Anomalies trend roughly northwest and occur mostly over the metamorphic rocks.

A subvolcanic intrusive may have generated hydrothermal fluid movement with metallogenic fluids being deposited in shear zones or more permeable horizons within the grid area. An altered subvolcanic breccia pipe is present 1 kilometer south of grid 89-MAG 1, in the volcanic center zone.

The 89-MAG 2 and 89-WAT grids were not successful in delineating any significant geochemical anomalies.

More work is definitely warranted on the MAG claims in the vicinity of the 89-MAG 1 grid. Recommendations are as follows:

1) Detailed 50m x 25m spaced gridded surveying over most anomalous areas. This includes extension of grid 89-MAG 1 to close off all anomalies.

2) Geophysical surveying of the same grid areas as in 1 using a combination of instruments including; magnetometer - to define contacts, stratigraphy and possible subvolcanic stocks; EM surveys - VLF to define structure and other EM to define graphitic (mineralized?) zones or other chargibility horizons.

3) Detailed prospecting and mapping of the central portion of the MAG claims and inparticular the strongly anomalous zones already defined and those outlined in the above program.

4) Trenching and or diamond drilling of the TH ZONE contingent on the results of the above surveys.

5) Cliff mapping and prospecting of the VOLCANIC CENTER ZONE. Climbing equipment will be required here.

6) Further regional prospecting and sampling of those areas not previously examined. This should include follow up prospecting of all strong anomalies defined in 1988.

7) Recommendations for the WAT claims are as outlined in Wilkins and MacKinnon (1988b)

6. 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. G.S.C. Open File 1218.

Wilkins, A.L., and **MacKinnon, H.F.**, 1988a Geological and Geochemical Report on the MAG Mineral Claims; Skukum Gold Inc. unpublished asessment report.

Wilkins, A.L., and **MacKinnon, H.F.**, 1988b Geological and Geochemical Report on the WAT Mineral Claims; Skukum Gold Inc. unpublished asessment report.

7. STATEMENT OF EXPENDITURES

Labour Costs:

Coureur des Bois Ltd., September 24 to 30, 1989	
36 man days at $250.00 per day.............	$9000.00
Invoice number 084	
Hugh MacKinnon, 5 days report preparation,	
project supervision at $220.00 per day.....	$1100.00
Total Labour Costs	**$10,100.00**

Analytical Costs:

Talus Fines/Soils: 897 at $9.85 per sample ...	$8835.45
Sample Shipping: 456 lbs	$ 256.55
Statistical Analysis	$ 33.00
Total Analytical Costs	**$9,125.00**

Camp & Transportation Costs:

Truck Costs: 8 days at $60.00 per day	$480.00
Helicopter Costs: 7.95 hours at $610 per hour	
+ fuel at $57 per hour	$5302.65
Room & Board: 41 man days at an estimated	
$40.00 per day	$1640.00
Total Camp & Transportation Costs	**$7,422.65**

Report & Miscellaneous Costs:

Field Supplies (flagging, sample bags, pickets)	$ 200.00
Drafting: Estimated	$ 600.00
Photocopying, binding, map copying; estimated	
40.00 per report.................	$ 240.00
Total Report & Miscellaneous Costs	**$1,040.00**

Total 1989 exploration expenditures for assessment on the MAG and WAT claims as covered by this report: $27,687.65

8. STATEMENT OF QUALIFICATIONS

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

1) I graduated with 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, Nova Scotia and The Yukon Territory.

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

4) I directed the work performed on the MAG and WAT claims in the fall of 1989 and am the author of this report.

Dated this thirteenth day of January, 1990

Hugh F. MacKinnon, B.Sc.

APPENDIX 1

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: OCT 17 1989
DATE REPORT MAILED: Oct 23/89.

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 -80 Mesh AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

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

Skukum Gold Inc. PROJECT 5E-WAT FILE # 89-4322 Page 1

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
89-WAT L5N 6+00W	14	11	54	.1	6	2	3
89-WAT L5N 5+00W	68	21	253	.6	21	2	1
89-WAT L5N 4+50W	75	18	281	.6	19	2	1
89-WAT L5N 4+00W	43	10	122	.3	5	2	1
89-WAT L5N 3+50W	33	9	95	.1	3	2	9
89-WAT L5N 3+00W	59	9	205	.1	4	2	3
89-WAT L5N 2+50W	60	12	132	.4	4	2	6
89-WAT L5N 2+00W	64	11	133	.2	6	2	1
89-WAT L5N 1+50W	78	19	156	.2	7	2	4
89-WAT L5N 1+00W	45	15	111	.1	11	2	2
89-WAT L5N 0+50W	34	11	104	.1	12	2	1
89-WAT L5N 0+00W	38	17	98	.1	9	2	3
89-WAT L4N 6+00W	15	16	75	.1	22	2	1
89-WAT L4N 5+50W	22	24	101	.1	15	2	1
89-WAT L4N 5+00W	36	18	112	.1	39	2	1
89-WAT L4N 4+50W	23	17	78	.1	28	2	4
89-WAT L4N 4+00W	67	9	86	.2	11	2	2
89-WAT L4N 3+50W	39	7	77	.3	4	2	1
89-WAT L4N 3+00W	58	9	87	.1	8	2	1
89-WAT L4N 2+50W	92	15	154	.2	16	2	4
89-WAT L4N 2+00W	32	2	70	.2	5	2	3
89-WAT L4N 1+50W	61	6	156	.2	9	2	3
89-WAT L4N 1+00W	61	11	137	.2	8	2	2
89-WAT L4N 0+50W	72	10	213	.6	6	2	1
89-WAT L4N 0+00W	84	12	505	1.3	2	2	3
89-WAT L3N 6+00W	26	21	90	.1	19	2	1
89-WAT L3N 5+50W	24	21	105	.1	40	2	1
89-WAT L3N 5+00W	15	16	71	.1	23	2	2
89-WAT L3N 4+50W	35	18	141	.1	37	2	2
89-WAT L3N 4+00W	13	14	61	.1	8	2	1
89-WAT L3N 3+50W	23	16	136	.1	10	2	5
89-WAT L3N 3+00W	30	6	60	.1	6	2	1
89-WAT L3N 2+50W	39	7	86	.1	5	2	1
89-WAT L3N 2+00W	37	11	85	.1	7	2	2
89-WAT L3N 1+50W	39	6	91	.1	9	2	4
89-WAT L3N 1+00W	51	9	92	.2	8	2	1
STD C/AU-S	58	36	132	7.1	39	14	51

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
89-WAT L3N 0+50W	33	13	71	.1	7	2	2
89-WAT L3N 0+00W	21	5	62	.2	9	2	2
89-WAT L2N 6+00W	28	20	98	.1	19	2	2
89-WAT L2N 5+50W	16	10	95	.1	14	2	2
89-WAT L2N 5+00W	15	13	61	.1	10	2	3
89-WAT L2N 4+50W	30	20	127	.3	24	2	6
89-WAT L2N 4+00W	33	15	86	.2	17	2	2
89-WAT L2N 3+50W	29	6	61	.1	12	2	1
89-WAT L2N 3+00W	31	7	72	.1	15	2	1
89-WAT L2N 2+50W	23	2	59	.2	11	2	2
89-WAT L2N 2+00W	43	7	104	.2	17	2	6
89-WAT L2N 1+50W	28	6	58	.3	11	2	2
89-WAT L2N 1+00W	45	5	77	.1	9	2	4
89-WAT L2N 0+50W	35	8	70	.1	9	2	3
89-WAT L2N 0+00W	34	6	71	.1	9	2	4
89-WAT L2N 0+50E	33	10	77	.3	14	2	7
89-WAT L2N 1+00E	38	3	58	.1	10	2	7
89-WAT L2N 1+50E	42	7	76	.3	10	3	1
89-WAT L2N 2+00E	6	3	14	.1	2	2	1
89-WAT L1N 6+00W	16	14	71	.1	10	2	3
89-WAT L1N 5+50W	26	21	97	.1	17	2	1
89-WAT L1N 5+00W	18	17	62	.1	7	2	1
89-WAT L1N 4+50W	19	15	68	.1	21	2	1
89-WAT L1N 4+00W	29	12	117	.1	22	2	1
89-WAT L1N 3+50W	24	11	71	.1	24	2	2
89-WAT L1N 3+00W	30	13	82	.1	14	2	4
89-WAT L1N 2+50W	30	11	79	.2	12	2	2
89-WAT L1N 2+00W	42	13	87	.1	8	2	1
89-WAT L1N 1+50W	65	10	92	.1	4	2	1
89-WAT L1N 1+00W	38	14	91	.2	20	2	1
89-WAT L1N 0+50W	42	9	81	.1	8	2	1
89-WAT L1N 0+00W	43	40	84	.2	10	2	27
89-WAT L1N 0+50E	35	5	97	.1	25	2	1
89-WAT L1N 1+00E	39	9	94	.1	11	2	1
89-WAT L1N 1+50E	38	8	71	.1	10	2	2
89-WAT L1N 2+00E	37	8	86	.1	8	2	2
STD C/AU-S	60	37	132	7.1	38	15	53

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
89-WAT L1N 2+50E	42	11	96	.1	14	2	9
89-WAT L1N 3+00E	51	8	72	.1	15	2	7
89-WAT L0N 6+00W	11	15	52	.1	7	2	4
89-WAT L0N 5+50W	14	12	58	.1	7	2	4
89-WAT L0N 5+00W	17	16	75	.1	12	2	1
89-WAT L0N 4+50W	29	26	106	.3	22	3	3
89-WAT L0N 4+00W	22	11	64	.1	12	2	3
89-WAT L0N 3+50W	38	15	97	.1	31	2	1
89-WAT L0N 3+00W	33	9	69	.1	32	2	4
89-WAT L0N 2+50W	39	14	75	.1	32	2	3
89-WAT L0N 2+00W	37	11	74	.1	51	2	2
89-WAT L0N 1+50W	48	16	78	.1	41	2	5
89-WAT L0N 1+00W	36	12	68	.1	15	2	2
89-WAT L0N 0+50W	47	9	70	.1	16	3	2
89-WAT L0N 0+00W	33	11	81	.1	25	2	1
89-WAT L0N 0+50E	41	15	90	.1	16	2	2
89-WAT L0N 1+00E	43	16	128	.3	15	2	5
89-WAT L0N 1+50E	45	10	93	.2	10	2	5
89-WAT L0N 2+00E	54	7	103	.3	14	2	4
89-WAT L0N 2+50E	49	14	112	.2	17	2	3
89-WAT L0N 3+00E	67	12	117	.1	6	2	2
89-WAT L1S 6+00W	17	15	55	.1	9	3	3
89-WAT L1S 5+50W	20	19	79	.1	8	2	1
89-WAT L1S 5+00W	13	17	63	.1	8	2	3
89-WAT L1S 4+50W	20	18	70	.1	13	2	1
89-WAT L1S 4+00W	34	23	141	.4	24	3	3
89-WAT L1S 3+50W	37	13	84	.1	22	2	3
89-WAT L1S 3+00W	35	13	81	.1	45	2	3
89-WAT L1S 2+50W	40	14	91	.1	32	3	4
89-WAT L1S 2+00W	53	13	96	.1	44	2	1
89-WAT L1S 1+50W	44	12	65	.1	94	2	4
89-WAT L1S 1+00W	36	11	75	.1	76	2	4
89-WAT L1S 0+50W	45	16	88	.1	49	2	1
89-WAT L1S 0+00W	34	12	79	.2	30	2	4
89-WAT L1S 0+50E	37	11	70	.1	25	2	4
89-WAT L1S 1+00E	39	17	120	.2	29	3	1
89-WAT L1S 1+50E	37	11	67	.1	26	2	7
STD C/AU-S	61	40	132	7.1	38	15	53

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
89-WAT L1S 2+00E	39	12	81	.2	35	2	2
89-WAT L1S 2+50E	36	9	94	.1	16	2	3
89-WAT L1S 3+00E	48	18	115	.1	22	2	1
89-WAT L2S 6+00W	17	13	62	.1	13	2	2
89-WAT L2S 5+50W	22	11	71	.1	22	2	1
89-WAT L2S 5+00W	23	16	79	.1	21	2	1
89-WAT L2S 4+50W	19	14	69	.1	19	2	6
89-WAT L2S 4+00W	25	16	87	.1	16	2	2
89-WAT L2S 3+50W	20	15	81	.1	17	2	5
89-WAT L2S 3+00W	19	10	63	.1	8	2	1
89-WAT L2S 2+50W	36	17	125	.1	31	2	2
89-WAT L2S 2+00W	48	16	106	.2	45	2	4
89-WAT L2S 1+50W	42	14	143	.1	71	2	1
89-WAT L2S 1+00W	48	13	82	.1	61	2	1
89-WAT L2S 0+50W	44	11	89	.1	28	2	4
89-WAT L2S 0+00W	43	13	84	.1	27	2	2
89-WAT L2S 0+50E	40	10	83	.1	29	2	2
89-WAT L2S 1+00E	36	15	88	.1	26	2	2
89-WAT L2S 1+50E	37	12	77	.1	34	2	3
89-WAT L2S 2+50E	42	12	104	.1	15	2	2
89-WAT L2S 3+00E	40	18	99	.2	57	2	5
STD C/AU-S	60	41	132	7.2	44	16	52

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

DATE RECEIVED: OCT 17 1989
DATE REPORT MAILED: Oct. 25/89.

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 -80 Mesh AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. P - pulverized, -20 mesh.

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

Skukum Gold Inc. PROJECT 5I-MAG FILE # 89-4324 Page 1

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
89-MAG2 L0E 2+00N	11	8	41	.1	2	2	8
89-MAG2 L0E 1+50N	16	16	61	.1	2	2	4
89-MAG2 L0E 1+00N	16	14	55	.2	2	2	6
89-MAG2 L0E 0+50N	13	9	43	.1	2	2	1
89-MAG2 L0E 0+00	12	8	49	.2	2	2	1
89-MAG2 L0E 0+50S	13	10	45	.1	2	2	2
89-MAG2 L0E 1+00S	20	16	80	.1	2	2	2
89-MAG2 L0E 1+50S	15	13	60	.1	2	2	19
89-MAG2 L0E 2+00S	10	13	49	.2	4	2	5
89-MAG2 L0E 2+50S	15	16	77	.2	2	2	20
89-MAG2 L0E 3+00S	22	22	98	.1	7	2	7
89-MAG2 L0E 3+50S	14	15	64	.2	5	2	3
89-MAG2 L0E 4+00S	14	14	72	.3	3	2	3
89-MAG2 L0E 4+50S	16	20	85	.1	3	2	3
89-MAG2 L0E 5+00S	18	14	92	.4	5	2	4
89-MAG2 L1E 1+00N	13	13	52	.1	4	2	2
89-MAG2 L1E 0+50N	14	11	48	.2	3	2	4
89-MAG2 L1E 0+00	12	9	39	.2	3	2	4
89-MAG2 L1E 0+50S	13	11	57	.1	2	2	3
89-MAG2 L1E 1+00S	11	6	45	.1	2	2	1
89-MAG2 L1E 1+50S	9	13	43	.1	4	2	1
89-MAG2 L1E 2+00S	13	11	52	.1	3	2	1
89-MAG2 L1E 2+50S	13	11	60	.1	4	2	3
89-MAG2 L1E 3+00S	13	15	62	.1	2	2	1
89-MAG2 L1E 3+50S	10	12	46	.1	2	2	4
89-MAG2 L1E 4+00S	8	12	51	.1	2	2	2
89-MAG2 L1E 4+50S	12	16	54	.3	7	2	3
89-MAG2 L1E 5+00S	16	17	86	.1	2	2	2
89-MAG2 L2E 1+50N	15	21	65	.2	4	2	4
89-MAG2 L2E 1+00N	14	11	48	.1	2	2	1
89-MAG2 L2E 0+50N	16	16	72	.1	2	2	3
89-MAG2 L2E 0+00	17	12	58	.3	6	2	3
89-MAG2 L2E 0+50S	10	9	25	.1	2	2	2
89-MAG2 L2E 1+00S	13	17	57	.1	4	2	1
89-MAG2 L2E 2+00S	12	14	49	.1	2	2	1
89-MAG2 L2E 2+50S	9	13	46	.1	2	2	1
STD C/AU-S	60	41	132	7.1	38	15	47

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
89-MAG2 L2E 3+00S	16	24	56	.1	2	2	2
89-MAG2 L2E 3+50S	23	40	99	.1	7	2	5
89-MAG2 L2E 4+00S	11	15	55	.1	2	2	7
89-MAG2 L2E 4+50S	11	15	56	.1	2	2	3
89-MAG2 L2E 5+00S	19	21	106	.3	4	2	1
89-MAG2 L3E 0+00	5	5	24	.1	2	2	2
89-MAG2 L3E 1+00S	4	6	17	.1	2	2	3
89-MAG2 L3E 1+50S	11	18	55	.3	4	2	2
89-MAG2 L3E 2+00S	10	15	46	.1	3	2	1
89-MAG2 L3E 2+50S	13	18	67	.1	4	2	2
89-MAG2 L3E 3+00S	11	12	58	.2	3	2	1
89-MAG2 L3E 3+50S	12	21	79	.1	2	2	2
89-MAG2 L3E 4+00S	10	16	58	.1	5	2	2
89-MAG2 L3E 4+50S	12	21	66	.2	4	2	1
89-MAG2 L3E 5+00S	18	30	88	.2	7	3	2
89-MAG2 L4E 0+50N	16	18	68	.1	2	2	3
89-MAG2 L4E 0+00	19	26	100	.4	6	2	1
89-MAG2 L4E 0+50S	14	17	79	.2	6	2	2
89-MAG2 L4E 1+00S	10	13	54	.1	2	2	1
89-MAG2 L4E 1+50S	11	14	58	.2	3	2	4
89-MAG2 L4E 2+00S	9	21	55	.2	2	2	1
89-MAG2 L4E 2+50S	13	14	60	.2	6	2	2
89-MAG2 L4E 3+00S	9	16	69	.1	2	2	1
89-MAG2 L4E 3+50S	17	22	79	.1	3	2	6
89-MAG2 L4E 4+00S	10	10	59	.1	3	2	3
89-MAG2 L4E 4+50S	13	18	60	.2	5	2	4
89-MAG2 L4E 5+00S	10	13	48	.1	3	2	3
89-MAG2 L5E 1+00N	13	17	53	.1	4	2	1
89-MAG2 L5E 0+50N	11	8	48	.1	5	2	3
89-MAG2 L5E 0+00	12	16	51	.1	4	2	2
89-MAG2 L5E 0+50S	9	19	48	.1	4	3	2
89-MAG2 L5E 1+00S	10	11	48	.1	4	2	3
89-MAG2 L5E 1+50S	11	16	57	.2	3	2	3
89-MAG2 L5E 2+00S	11	14	47	.1	4	2	2
89-MAG2 L5E 2+50S	11	28	71	.2	2	3	1
89-MAG2 L5E 3+00S	10	16	51	.2	4	2	3
STD C/AU-S	60	42	132	6.8	43	16	52

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
89-MAG2 L5E 3+50S	11	17	57	.1	4	2	3
89-MAG2 L5E 4+00S	15	20	69	.1	8	2	3
89-MAG2 L6E 1+00N	7	12	46	.1	2	2	4
89-MAG2 L6E 0+50N	9	11	50	.1	3	2	4
89-MAG2 L6E 0+00	13	12	49	.1	2	2	2
89-MAG2 L6E 0+50S	7	11	46	.1	2	2	1
89-MAG2 L6E 1+00S	9	16	53	.1	2	2	2
89-MAG2 L6E 1+50S	14	20	87	.1	4	2	2
89-MAG2 L6E 2+00S	10	21	59	.1	2	3	2
89-MAG2 L6E 2+50S	8	15	35	.1	2	2	1
89-MAG2 L6E 3+00S	12	16	70	.2	2	2	3
89-MAG2 L6E 3+50S	15	23	81	.2	3	2	1
89-MAG2 L6E 4+00S	13	26	68	.1	12	2	1
89-MAG2 L7E 0+90N	10	17	55	.1	6	2	2
89-MAG2 L7E 0+50N	4	11	29	.1	2	2	1
89-MAG2 L7E 0+00	13	20	63	.1	4	2	16
89-MAG2 L7E 0+50S	13	13	51	.1	4	2	1
89-MAG2 L7E 1+00S	13	18	58	.1	4	2	2
89-MAG2 L7E 1+50S	11	21	57	.1	2	2	4
89-MAG2 L7E 2+00S	10	17	58	.1	2	2	1
89-MAG2 L7E 2+50S	11	13	56	.1	2	2	3
89-MAG2 L7E 3+00S	18	22	77	.1	8	2	3
89-MAG2 L7E 3+50S	14	18	59	.1	2	3	1
89-MAG2 L7E 4+00S	14	18	60	.1	5	2	3
89-MAG2 L8E 1+00N	15	34	80	.3	6	2	7
89-MAG2 L8E 0+50N	13	25	85	.2	4	2	3
89-MAG2 L8E 0+00	14	32	119	.4	3	2	2
89-MAG2 L8E 0+50S	15	29	88	.2	3	2	3
89-MAG2 L8E 1+00S	20	49	151	.3	5	2	5
89-MAG2 L8E 1+50S	14	23	72	.1	2	2	2
89-MAG2 L8E 2+00S	10	17	56	.1	2	2	1
89-MAG2 L8E 2+50S	21	44	95	.1	6	3	2
89-MAG2 L8E 3+00S	12	23	60	.2	2	2	2
89-MAG2 L8E 3+50S	12	17	52	.1	5	2	2
89-MAG2 L8E 4+00S	15	19	62	.1	2	2	5
89-MAG2 L9E 1+00N	17	95	207	.6	3	2	4
STD C/AU-S	62	42	132	6.6	39	16	53

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
89-MAG2 L9E 0+50N	17	20	95	.1	3	2	2
89-MAG2 L9E 0+00	12	17	73	.1	3	2	4
89-MAG2 L9E 0+50S	15	19	80	.1	2	2	3
89-MAG2 L9E 1+00S	15	21	85	.3	3	2	3
89-MAG2 L9E 1+50S	14	31	89	.1	2	2	2
89-MAG2 L9E 2+00S	12	15	68	.2	2	2	1
89-MAG2 L9E 2+50S	11	12	67	.1	2	2	2
89-MAG2 L9E 3+00S	9	16	53	.1	3	2	2
89-MAG2 L9E 3+50S	8	7	46	.2	2	2	1
89-MAG2 L9E 4+00S	14	14	76	.2	3	2	1
89-MAG2 L10E 0+00	20	25	81	.2	6	2	1
89-MAG2 L10E 0+50S	14	11	56	.1	2	2	3
89-MAG2 L10E 1+00S	12	11	62	.1	2	2	3
89-MAG2 L10E 1+50S	9	12	52	.1	2	2	2
89-MAG2 L10E 2+00S	7	10	44	.1	2	2	1
89-MAG2 L10E 2+50S	17	23	91	.2	5	2	2
89-MAG2 L10E 3+00S	14	15	55	.1	2	2	2
89-MAG2 L11E 0+00	14	16	63	.1	2	2	1
89-MAG2 L11E 0+50S	8	15	45	.1	2	2	1
89-MAG2 L11E 1+00S	9	9	37	.1	3	2	1
89-MAG2 L11E 1+50S	14	14	73	.1	4	2	2
89-MAG2 L11E 2+00S	10	8	36	.1	2	2	1
89-MAG2 L11E 2+50S	15	10	63	.1	3	2	1
89-MAG2 L11E 3+00S	10	9	50	.1	2	2	7
89-MAG2 L12E 0+50N	19	22	84	.1	7	2	3
89-MAG2 L12E 0+00	17	30	75	.1	7	2	3
89-MAG2 L12E 0+50S	17	30	68	.1	5	2	5
89-MAG2 L12E 1+00S	18	27	74	.3	7	2	1
89-MAG2 L12E 1+50S	12	17	51	.1	4	2	1
89-MAG2 L12E 2+00S	14	16	59	.1	7	2	3
89-MAG2 L12E 2+50S	13	16	54	.1	4	2	2
89-MAG2 L12E 3+00S	15	22	76	.1	6	2	3
89-MAG2 L13E 1+00N	21	34	80	.1	7	2	1
89-MAG2 L13E 0+50N	18	15	70	.1	11	2	3
89-MAG2 L13E 0+00	18	17	62	.1	6	2	3
89-MAG2 L13E 0+50S	21	56	89	.1	6	2	1
STD C/AU-S	63	44	132	6.5	38	15	51

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
89-MAG2 L13E 1+00S	20	25	67	.1	7	2	1
89-MAG2 L13E 1+50S	17	23	62	.1	5	2	1
89-MAG2 L13E 2+00S	20	15	69	.1	7	2	2
89-MAG2 L13E 2+50S	19	15	67	.1	7	2	5
89-MAG2 L13E 3+00S	19	15	66	.1	8	2	2
89-MAG2 L14E 1+50N	14	26	60	.2	6	2	2
89-MAG2 L14E 1+00N	18	20	60	.2	5	2	7
89-MAG2 L14E 0+50N	30	32	138	.1	19	2	2
89-MAG2 L14E 0+00	31	37	128	.1	17	2	3
89-MAG2 L14E 0+50S	19	14	71	.1	10	2	1
89-MAG2 L14E 1+00S	20	18	77	.1	6	2	1
89-MAG2 L14E 1+50S	20	14	55	.1	8	2	4
89-MAG2 L14E 2+00S	21	16	68	.2	10	2	2
89-MAG2 L14E 2+50S	25	19	78	.2	10	2	1
89-MAG2 L14E 3+00S	20	14	63	.1	10	2	3
89-MAG2 L15E 5+00N	15	19	74	.1	10	2	1
89-MAG2 L15E 4+50N	17	21	146	.1	9	2	2
89-MAG2 L15E 4+00N	28	36	110	.2	16	2	3
89-MAG2 L15E 3+50N	28	18	77	.2	12	2	2
89-MAG2 L15E 3+00N	19	7	45	.1	15	2	1
89-MAG2 L15E 2+50N	63	35	140	.5	22	2	3
89-MAG2 L15E 2+00N	60	33	147	.5	16	2	4
89-MAG2 L15E 1+50N	25	24	90	.2	9	2	2
89-MAG2 L15E 1+00N	23	18	86	.2	11	2	1
89-MAG2 L15E 0+50N	16	28	65	.2	8	2	1
89-MAG2 L15E 0+00	1	2	1	.1	2	2	1
89-MAG2 L15E 0+50S	22	22	88	.4	13	2	1
89-MAG2 L15E 1+00S	19	14	73	.2	11	2	6
89-MAG2 L15E 1+50S	10	9	30	.1	11	2	3
89-MAG2 L15E 2+00S	12	25	59	.4	6	2	1
89-MAG2 L15E 2+50S	13	12	42	.2	5	2	1
89-MAG2 L15E 5+00N	42	18	120	.6	32	2	3
89-MAG2 L16E 4+50N	25	37	67	.2	38	2	5
89-MAG2 L16E 4+00N	12	6	39	.2	8	2	6
89-MAG2 L16E 3+50N	44	11	87	.3	25	2	4
89-MAG2 L16E 3+00N	41	11	86	.4	21	2	3
STD C/AU-S	58	38	132	7.0	38	15	49

SAMPLE#		Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
89-MAG2 L16E 2+50N		57	21	109	.4	11	2	1
89-MAG2 L15E 2+00N		38	34	99	.2	9	2	6
89-MAG2 L15E 1+50N		36	16	81	.2	10	2	3
89-MAG2 L15E 1+00N		37	20	82	.2	17	2	1
89-MAG2 L15E 0+50N		35	13	78	.2	11	2	8
89-MAG2 L15E 0+00	P	14	4	31	.1	3	2	1
89-MAG2 L15E 0+50S	P	9	16	41	.2	8	2	1
89-MAG2 L15E 1+00S		27	26	76	.2	21	2	2
89-MAG2 L15E 1+50S	P	9	15	43	.1	11	2	1
89-MAG2 L15E 2+00S	P	14	9	39	.1	6	2	4
89-MAG2 L15E 2+50S	P	14	15	50	.1	11	2	1
89-MAG2 L15E 3+00S	P	9	4	33	.1	3	2	1
89-MAG2 BL0 4+00W	P	24	7	54	.2	7	2	1
89-MAG2 BL0 6+50E	P	4	8	34	.1	2	2	1
89-MAG2 BL0 7+50E		11	23	57	.2	5	2	6
89-MAG2 BL0 8+50E		12	40	65	.1	4	2	1
89-MAG2 BL0 9+50E		10	12	66	.1	6	2	1
89-MAG2 BL0 10+50E	P	8	11	35	.1	3	2	1
89-MAG2 BL0 11+50E	P	9	10	30	.1	3	2	2
89-MAG2 BL0 12+50E		14	32	83	.1	6	2	1
89-MAG2 BL0 13+50E		14	13	67	.1	11	2	1
89-MAG2 BL0 15+50E	P	11	21	39	.1	10	2	1
STD C/AU-S		57	43	132	7.1	43	16	52

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716
DATE RECEIVED: OCT 17 1989
DATE REPORT MAILED: Oct. 23/89

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. P- pulverized, -80 mesh.

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

Skukum Gold Inc. PROJECT 5I-MAG FILE # 89-4326 Page 1

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
89-MAG1 L19N 2+50W	75	34	182	.3	40	2	13
89-MAG1 L19N 2+00W	59	20	109	.4	60	2	9
89-MAG1 L19N 1+50W	99	51	225	.8	59	2	2
89-MAG1 L19N 1+00W	49	23	94	.4	58	2	4
89-MAG1 L19N 0+50W	54	34	137	.2	60	2	4
89-MAG1 L19N 0+00	55	46	144	.4	118	2	8
89-MAG1 L19N 0+50E	46	29	119	.1	88	2	5
89-MAG1 L19N 1+00E	44	35	117	.2	94	2	9
89-MAG1 L19N 1+50E	163	31	225	.4	75	4	1
89-MAG1 L19N 2+00E	81	30	227	.5	435	2	8
89-MAG1 L19N 2+50E	278	30	231	1.1	191	2	2
89-MAG1 L19N 3+00E	33	10	76	.1	56	2	1
89-MAG1 L19N 3+50E	69	40	195	.9	234	2	4
89-MAG1 L19N 4+00E	94	65	166	.3	76	2	3
89-MAG1 L19N 4+50E	39	24	104	.2	73	2	1
89-MAG1 L19N 5+00E	32	13	81	.1	37	2	1
89-MAG1 L19N 5+50E	53	29	152	.1	78	2	8
89-MAG1 L19N 6+00E	18	14	72	.2	70	2	3
89-MAG1 L19N 6+50E	61	41	170	.3	328	2	11
89-MAG1 L19N 7+00E	154	24	325	1.2	586	2	27
89-MAG1 L19N 8+00E	69	16	152	.3	177	2	5
89-MAG1 L19N 8+50E	98	22	318	.6	177	3	4
89-MAG1 L19N 9+00E	96	35	364	.4	168	2	7
89-MAG1 L19N 9+50E	129	22	222	.8	149	2	8
89-MAG1 L19N 10+00E	18	7	50	.1	37	2	2
89-MAG1 L19N 10+50E	30	28	97	.1	102	2	15
89-MAG1 L19N 11+00E	21	23	125	.1	94	2	18
89-MAG1 L19N 11+50E	59	20	153	.3	82	2	14
89-MAG1 L19N 12+00E	76	18	198	.5	136	2	13
89-MAG1 L19N 12+50E	85	13	158	.8	121	2	11
89-MAG1 L19N 13+00E	53	20	155	.6	80	2	11
89-MAG1 L19N 13+50E	80	17	228	.8	99	2	8
89-MAG1 L19N 14+00E	75	12	233	.5	80	2	3
89-MAG1 L19N 14+50E	75	15	226	.3	92	2	2
89-MAG1 L19N 15+00E	60	25	277	.7	93	2	4
89-MAG1 L18N 2+50W	76	37	187	.6	44	2	5
STD C/AU-S	60	42	132	7.0	42	15	53

Skukum Gold Inc. PROJECT 5I-MAG FILE # 89-4326 Page 2

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
89-MAG1 L18N 2+00W	50	29	106	.4	55	2	5
89-MAG1 L18N 1+50W	81	41	200	.6	52	2	1
89-MAG1 L18N 1+00W	49	21	95	.5	65	2	5
89-MAG1 L18N 0+50W	53	38	135	.5	64	2	8
89-MAG1 L18N 0+00	61	37	139	.4	266	2	26
89-MAG1 L18N 0+50E	23	20	76	.2	67	2	2
89-MAG1 L18N 1+00E	53	34	139	.2	180	2	2
89-MAG1 L18N 1+50E	26	14	76	.2	46	2	1
89-MAG1 L18N 2+00E	23	19	93	.7	39	2	2
89-MAG1 L18N 2+50E	30	17	92	.1	62	2	5
89-MAG1 L18N 3+00E	45	17	119	.3	75	2	3
89-MAG1 L18N 3+50E	26	15	72	.2	35	2	1
89-MAG1 L18N 4+00E	60	17	110	.3	120	3	6
89-MAG1 L18N 4+50E	20	14	76	.1	50	2	1
89-MAG1 L18N 5+00E	45	8	114	.3	51	2	8
89-MAG1 L18N 5+50E	23	9	69	.1	35	2	1
89-MAG1 L18N 6+00E	33	14	97	.2	57	2	4
89-MAG1 L18N 6+50E	27	15	80	.2	46	2	17
89-MAG1 L18N 7+00E	27	9	100	.1	49	2	5
89-MAG1 L18N 7+50E	52	20	196	.2	120	2	3
89-MAG1 L18N 8+00E	48	15	191	.2	168	2	3
89-MAG1 L18N 9+00E	57	23	249	.3	226	2	6
89-MAG1 L18N 9+50E	52	17	391	.6	126	2	4
89-MAG1 L18N 10+00E	101	27	288	.6	299	2	12
89-MAG1 L18N 10+50E	34	13	120	.3	65	2	5
89-MAG1 L18N 11+00E	33	35	123	.2	52	2	4
89-MAG1 L18N 11+50E	80	23	209	.8	180	2	3
89-MAG1 L18N 12+00E	64	14	190	1.0	122	2	3
89-MAG1 L18N 12+50E	86	16	268	.8	102	2	10
89-MAG1 L18N 13+00E	63	15	171	.6	108	2	20
89-MAG1 L18N 13+50E	59	20	176	.9	109	2	5
89-MAG1 L18N 14+00E	49	9	108	1.0	50	2	2
89-MAG1 L18N 14+50E	68	11	131	.8	104	2	2
89-MAG1 L18N 15+00E	83	20	201	1.5	103	2	4
89-MAG1 L17N 2+50W	61	146	316	.6	58	2	3
89-MAG1 L17N 2+00W	57	21	119	.1	42	2	3
STD C/AU-S	60	42	133	7.3	43	16	49

Skukum Gold Inc. PROJECT 5I-MAG FILE # 89-4326 Page 3

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
89-MAG1 L17N 1+50W	60	19	97	.3	59	2	18
89-MAG1 L17N 0+50W	27	7	77	.1	36	2	2
89-MAG1 L17N 0+00	21	9	61	.1	18	2	1
89-MAG1 L17N 0+50E	25	20	74	.1	32	2	9
89-MAG1 L17N 1+00E	26	18	80	.1	50	2	7
89-MAG1 L17N 1+50E	27	13	87	.3	84	2	8
89-MAG1 L17N 2+00E	38	17	96	.9	90	2	8
89-MAG1 L17N 2+50E	37	14	97	.2	64	2	5
89-MAG1 L17N 3+00E	34	16	81	.9	59	2	4
89-MAG1 L17N 4+00E	38	21	98	.1	65	2	20
89-MAG1 L17N 4+50E	31	10	83	.1	33	2	1
89-MAG1 L17N 5+00E	30	15	81	.1	35	2	14
89-MAG1 L17N 5+50E	34	15	103	.3	69	2	3
89-MAG1 L17N 6+00E	53	39	132	.6	118	2	6
89-MAG1 L17N 6+50E	32	13	102	.2	75	2	6
89-MAG1 L17N 7+00E	43	17	139	.2	256	2	1
89-MAG1 L17N 7+50E	68	44	230	.2	284	2	1
89-MAG1 L17N 8+00E	40	18	163	1.4	142	2	6
89-MAG1 L17N 8+50E	53	8	239	.3	72	2	1
89-MAG1 L17N 9+00E	85	22	394	.5	203	2	1
89-MAG1 L17N 9+50E	92	18	231	.5	123	2	1
89-MAG1 L17N 10+00E	78	10	202	.5	84	2	1
89-MAG1 L17N 10+50E	54	19	193	.2	139	2	3
89-MAG1 L17N 11+00E	46	15	145	.3	108	2	6
89-MAG1 L17N 11+50E	66	17	181	.3	109	2	11
89-MAG1 L17N 12+00E	71	20	174	.8	125	2	14
89-MAG1 L17N 12+50E	38	4	168	.3	127	2	7
89-MAG1 L17N 13+00E	83	12	200	.9	127	2	2
89-MAG1 L17N 13+50E	60	12	160	.3	47	2	7
89-MAG1 L17N 14+00E	72	24	202	1.0	103	2	12
89-MAG1 L17N 14+50E	52	14	141	.6	109	2	7
89-MAG1 L17N 15+00E	53	9	186	.4	114	2	7
89-MAG1 L17N 15+50E	70	20	184	.7	103	2	2
89-MAG1 L17N 16+00E	57	15	209	.6	87	2	4
89-MAG1 L17N 16+50E	40	2	106	.1	31	2	3
89-MAG1 L17N 17+00E	51	24	145	.5	79	2	3
STD C/AU-S	60	42	132	7.1	41	16	49

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SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
89-MAG1 L16N 2+00W	31	9	74	.2	20	2	6
89-MAG1 L16N 1+50W	73	21	84	.5	76	2	1
89-MAG1 L16N 1+00W	94	33	160	.4	82	2	3
89-MAG1 L16N 0+50W	41	19	97	.1	62	2	1
89-MAG1 L16N 0+00	47	26	111	.1	73	2	3
89-MAG1 L15N 2+50W	51	24	98	.4	31	2	7
89-MAG1 L15N 2+00W	85	29	126	.2	147	2	11
89-MAG1 L15N 1+50W	91	36	149	.3	125	2	2
89-MAG1 L15N 1+00W	60	27	122	.3	124	2	8
89-MAG1 L15N 0+50W	62	18	127	.3	107	2	9
89-MAG1 L15N 0+00	51	23	114	.2	89	2	8
89-MAG1 L15N 0+50E	60	24	130	.2	119	2	11
89-MAG1 L15N 1+00E	55	32	124	.5	155	2	6
89-MAG1 L15N 1+50E	37	24	93	.2	76	2	2
89-MAG1 L15N 2+00E	46	27	111	.4	126	2	7
89-MAG1 L15N 2+50E	31	21	74	.2	89	2	6
89-MAG1 L15N 3+00E	41	34	99	.5	165	2	6
89-MAG1 L15N 3+50E	32	29	97	.6	142	2	7
89-MAG1 L15N 4+00E	29	16	53	.1	23	2	3
89-MAG1 L15N 4+50E	36	22	101	.2	111	2	14
89-MAG1 L15N 5+00E	27	18	83	.3	56	2	4
89-MAG1 L15N 5+50E	41	18	132	.2	90	2	3
89-MAG1 L15N 6+00E	41	18	125	.3	92	2	3
89-MAG1 L15N 6+50E	39	18	115	.4	115	2	10
89-MAG1 L15N 7+00E	35	18	108	.5	78	2	7
89-MAG1 L15N 7+50E	40	19	130	.2	85	2	7
89-MAG1 L15N 8+00E	44	10	118	.3	76	2	6
89-MAG1 L15N 8+50E	46	10	132	.3	86	2	131
89-MAG1 L15N 9+00E	42	17	114	.2	152	2	9
89-MAG1 L15N 9+50E	37	12	125	.3	100	2	7
89-MAG1 L15N 10+00E	46	22	125	.8	71	2	3
89-MAG1 L15N 10+50E	68	17	168	.7	95	2	1
89-MAG1 L15N 11+00E	93	10	215	.7	210	2	22
89-MAG1 L15N 11+50E	47	22	158	.4	101	2	4
89-MAG1 L15N 12+00E	65	19	204	1.2	70	2	2
89-MAG1 L15N 12+50E	73	19	213	.9	411	2	24
STD C/AU-S	61	37	132	7.2	43	16	53

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
89-MAG1 L15N 13+00E	86	12	329	.4	181	2	65
89-MAG1 L15N 13+50E	68	9	223	.6	130	2	2
89-MAG1 L15N 14+00E	44	16	108	.1	101	2	1
89-MAG1 L15N 14+50E	29	17	104	.1	86	2	1
89-MAG1 L15N 15+00E	49	14	157	.3	70	2	1
89-MAG1 L15N 15+50E	67	15	251	.1	69	2	3
89-MAG1 L15N 16+00E	40	11	160	.2	43	2	8
89-MAG1 L15N 16+50E	204	29	640	1.6	394	2	30
89-MAG1 L15N 17+00E	136	18	236	.3	74	2	6
89-MAG1 L14N 3+50W	136	45	182	.6	153	2	2
89-MAG1 L14N 3+00W	45	35	111	.1	66	2	1
89-MAG1 L14N 2+50W	108	39	273	.2	107	2	3
89-MAG1 L14N 2+00W	150	68	264	.6	105	2	3
89-MAG1 L14N 1+50W	116	39	192	.5	179	2	3
89-MAG1 L14N 1+00W	55	15	83	.9	64	2	1
89-MAG1 L14N 0+50W	57	27	121	.3	101	2	3
89-MAG1 L14N 0+00	51	18	116	.1	147	2	1
89-MAG1 L14N 0+50E	37	19	82	.1	83	2	1
89-MAG1 L14N 2+00E	45	29	117	.1	117	2	2
89-MAG1 L14N 2+50E	50	42	132	.3	179	2	3
89-MAG1 L14N 3+00E	57	40	153	.1	181	2	6
89-MAG1 L14N 3+50E	39	19	115	.1	127	2	5
89-MAG1 L14N 4+00E	31	22	96	.2	129	2	2
89-MAG1 L14N 4+50E	40	24	106	.2	163	2	1
89-MAG1 L14N 5+00E	59	37	117	2.1	246	2	1
89-MAG1 L14N 5+50E	52	29	140	.3	170	2	1
89-MAG1 L14N 6+00E	56	34	139	.1	152	2	2
89-MAG1 L14N 6+50E	47	24	128	.5	89	2	1
89-MAG1 L14N 7+00E	37	13	126	.4	97	2	2
89-MAG1 L14N 7+50E	48	25	147	.2	120	2	1
89-MAG1 L14N 8+00E	71	24	177	.5	183	2	2
89-MAG1 L14N 8+50E	41	27	125	.2	76	2	1
89-MAG1 L14N 9+00E	40	18	115	.4	123	2	9
89-MAG1 L14N 9+50E	36	14	109	.4	61	2	1
89-MAG1 L14N 10+00E	33	16	97	.1	53	2	3
89-MAG1 L14N 10+50E	36	21	116	.2	53	2	4
STD C/AU-S	61	39	132	7.2	40	15	52

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
89-MAG1 L14N 11+00E	30	17	97	.3	36	2	1
89-MAG1 L14N 11+50E	29	14	95	.1	44	2	4
89-MAG1 L14N 12+00E	32	11	128	.1	81	2	2
89-MAG1 L14N 12+50E	37	10	138	.4	65	2	5
89-MAG1 L14N 13+00E	64	20	346	1.7	93	2	1
89-MAG1 L14N 13+50E	31	17	141	.2	69	2	1
89-MAG1 L14N 14+00E	41	32	188	.8	80	2	3
89-MAG1 L14N 14+50E	48	25	213	.4	73	2	2
89-MAG1 L14N 15+00E	35	10	230	1.2	42	2	1
89-MAG1 L14N 15+50E	74	15	123	.9	55	2	3
89-MAG1 L13N 3+90W	123	44	157	.4	216	2	2
89-MAG1 L13N 3+50W	233	36	189	.4	171	2	1
89-MAG1 L13N 3+00W	147	47	218	.5	124	2	1
89-MAG1 L13N 2+50W	146	48	221	.4	130	2	2
89-MAG1 L13N 2+00W	148	33	173	.6	90	2	2
89-MAG1 L13N 1+50W	115	31	150	.2	212	2	2
89-MAG1 L13N 1+00W	106	45	165	.3	181	2	2
89-MAG1 L13N 0+50W	41	36	99	.3	153	2	1
89-MAG1 L13N 0+00	47	27	104	.2	115	2	1
89-MAG1 L13N 0+50E	32	26	89	.2	76	2	2
89-MAG1 L13N 1+00E	44	28	108	.2	121	2	2
89-MAG1 L13N 2+00E	37	26	102	.1	94	2	1
89-MAG1 L13N 2+50E	50	22	148	.3	234	2	1
89-MAG1 L13N 3+00E	109	60	187	.7	600	2	1
89-MAG1 L13N 3+50E	86	37	165	1.0	292	2	11
89-MAG1 L13N 4+00E	40	18	86	.2	121	2	2
89-MAG1 L13N 4+50E	33	14	76	.5	95	2	1
89-MAG1 L13N 5+00E	33	13	94	.4	64	2	1
89-MAG1 L13N 5+50E	49	20	119	.5	77	2	1
89-MAG1 L13N 6+00E	36	18	104	.1	71	2	2
89-MAG1 L13N 6+50E	53	16	127	.2	146	2	1
89-MAG1 L13N 7+00E	47	12	123	.1	77	2	1
89-MAG1 L13N 7+50E	38	24	120	.2	69	2	3
89-MAG1 L13N 8+00E	77	14	205	.6	107	2	2
89-MAG1 L13N 8+50E	45	9	88	.6	49	2	1
89-MAG1 L13N 9+00E	35	13	103	.2	57	2	2
STD C/AU-S	61	42	132	7.0	43	15	53

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SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
89-MAG1 L13N 9+50E	34	7	98	.2	60	2	6
89-MAG1 L13N 10+00E P	24	7	81	.3	43	2	4
89-MAG1 L13N 10+50E	31	18	78	.2	47	2	3
89-MAG1 L13N 11+00E	31	11	106	.2	46	2	1
89-MAG1 L13N 11+50E P	28	17	86	.1	63	2	4
89-MAG1 L13N 12+00E	156	30	1113	.7	283	3	7
89-MAG1 L13N 12+50E	52	25	182	.6	467	2	1
89-MAG1 L13N 13+00E	72	14	246	2.3	116	2	1
89-MAG1 L13N 13+50E	49	16	166	.5	289	2	1
89-MAG1 L13N 14+50E	67	25	210	.5	88	2	5
89-MAG1 L13N 15+00E	57	15	178	.3	43	2	1
89-MAG1 L13N 15+50E	54	72	263	.5	101	2	1
89-MAG1 L13N 16+00E	127	19	823	.8	101	2	1
89-MAG1 L12N 5+00W	18	23	85	.1	69	2	1
89-MAG1 L12N 4+50W P	28	18	64	.4	144	2	1
89-MAG1 L12N 4+00W	45	30	111	.6	234	2	2
89-MAG1 L12N 3+50W P	21	14	59	.2	120	2	2
89-MAG1 L12N 3+00W P	35	15	71	.1	56	2	1
89-MAG1 L12N 2+50W	40	21	81	.1	51	2	1
89-MAG1 L12N 2+00W	168	23	193	.5	130	2	1
89-MAG1 L12N 1+50W	107	23	168	.3	87	2	2
89-MAG1 L12N 1+00W	37	20	98	.2	89	2	2
89-MAG1 L12N 0+50W	55	35	129	.4	147	2	2
89-MAG1 L12N 1+00E	31	33	76	.1	83	2	1
89-MAG1 L12N 1+50E	84	51	166	.5	206	2	1
89-MAG1 L12N 2+00E	70	51	163	.3	180	2	1
89-MAG1 L12N 2+50E	49	22	129	.1	186	2	28
89-MAG1 L12N 3+00E	42	28	98	.2	202	2	2
89-MAG1 L12N 3+50E	35	14	66	.8	82	2	2
89-MAG1 L12N 4+00E	37	19	97	.4	52	2	2
89-MAG1 L12N 4+50E	36	27	83	.3	74	2	2
89-MAG1 L12N 5+00E	40	11	115	.4	72	2	1
89-MAG1 L12N 5+50E	66	36	148	.8	150	2	3
89-MAG1 L12N 6+00E	50	13	113	.4	120	2	2
89-MAG1 L12N 6+50E	38	10	108	.2	79	2	1
89-MAG1 L12N 7+00E	50	20	156	.3	104	2	2
STD C/AU-S	59	42	132	6.9	40	15	47

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
89-MAG1 L12N 7+50E	33	10	106	.5	59	2	9
89-MAG1 L12N 8+00E	36	21	98	.3	43	2	14
89-MAG1 L12N 8+50E	25	19	75	.4	38	2	9
89-MAG1 L12N 9+00E	50	13	122	1.1	67	2	11
89-MAG1 L12N 9+50E	31	14	86	.8	39	2	1
89-MAG1 L12N 10+00E	26	12	64	.1	27	2	6
89-MAG1 L12N 10+50E	34	10	89	.2	77	2	12
89-MAG1 L12N 11+00E	36	21	111	.6	50	2	4
89-MAG1 L12N 11+50E	54	36	170	.4	77	2	7
89-MAG1 L12N 12+00E	51	40	137	.5	186	2	14
89-MAG1 L12N 12+50E	38	20	129	.2	111	2	5
89-MAG1 L12N 13+00E	36	17	117	.4	135	2	4
89-MAG1 L12N 13+50E	64	20	153	.5	83	2	6
89-MAG1 L12N 14+00E	47	19	128	.4	85	2	4
89-MAG1 L12N 14+50E	32	9	89	.2	86	2	4
89-MAG1 L12N 15+00E	60	19	208	.3	123	2	4
89-MAG1 L12N 15+50E	142	16	633	.9	217	2	7
89-MAG1 L12N 16+00E	87	15	404	.6	141	2	1
89-MAG1 L11N 4+50W	36	47	106	.2	55	2	3
89-MAG1 L11N 4+00W	28	34	85	.1	42	2	7
89-MAG1 L11N 3+50W	26	65	117	.4	345	2	14
89-MAG1 L11N 3+00W	27	27	82	.1	55	2	12
89-MAG1 L11N 2+50W P	13	15	40	.1	8	2	1
89-MAG1 L11N 2+00W P	31	10	68	.1	36	2	4
89-MAG1 L11N 1+50W P	27	15	62	.1	46	2	1
89-MAG1 L11N 1+00W	91	26	171	.3	195	2	2
89-MAG1 L11N 0+50W	103	32	191	.6	103	2	3
89-MAG1 L11N 0+00	66	33	134	.3	141	2	2
89-MAG1 L10N 4+50W P	15	12	50	.1	38	2	6
89-MAG1 L10N 4+00W P	19	20	67	.1	47	2	5
89-MAG1 L10N 3+50W	68	37	110	.2	65	2	7
89-MAG1 L10N 2+50W	70	50	139	.4	139	2	6
89-MAG1 L10N 1+50W	59	46	129	.4	98	2	2
89-MAG1 L10N 1+00W	58	50	156	.3	223	2	11
89-MAG1 L10N 0+50W	77	29	170	.5	99	2	9
89-MAG1 L10N 0+00 P	61	13	125	.4	112	2	2
STD C/AU-S	62	38	132	7.2	41	16	52

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SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
89-MAG1 L9N 2+00W	27	42	76	.1	130	2	8
89-MAG1 L9N 1+50W	170	28	305	.8	68	2	11
89-MAG1 L9N 1+00W	116	30	235	.3	63	2	1
89-MAG1 L9N 0+50W	157	34	350	.8	79	2	8
89-MAG1 L9N 0+00W P	90	16	163	.3	52	2	4
89-MAG1 L9N 0+00E P	34	8	70	.1	26	2	1
89-MAG1 L9N 0+50E P	52	25	111	.1	66	2	3
89-MAG1 L9N 1+00E P	24	8	57	.1	19	2	3
89-MAG1 L9N 1+50E P	67	27	129	.3	93	2	6
89-MAG1 L9N 2+00E P	48	30	109	.2	123	2	7
89-MAG1 L9N 2+50E P	69	13	170	.4	43	2	4
89-MAG1 L9N 3+00E P	102	6	234	.6	113	2	9
89-MAG1 L9N 3+50E	83	24	226	.6	53	2	5
89-MAG1 L9N 4+00E	78	16	195	.4	48	2	11
89-MAG1 L9N 4+50E	50	16	143	.2	49	2	5
89-MAG1 L9N 5+00E	84	25	180	.8	92	2	9
89-MAG1 L9N 5+50E	71	14	149	.6	34	2	8
89-MAG1 L9N 6+00E P	55	20	178	.4	42	2	1
89-MAG1 L9N 6+50E P	70	12	237	.6	37	2	4
89-MAG1 L9N 7+00E P	33	14	91	.3	22	2	2
89-MAG1 L9N 7+50E P	53	18	177	.5	54	2	2
89-MAG1 L9N 8+00E	72	22	225	.6	37	2	4
89-MAG1 L9N 8+50E P	20	2	123	.1	36	2	4
89-MAG1 L9N 9+00E P	30	10	86	.3	25	2	3
89-MAG1 L9N 9+50E P	54	22	135	.3	52	2	6
89-MAG1 L9N 10+00E P	36	25	126	2.0	285	2	26
89-MAG1 L9N 10+50E P	37	32	122	3.0	391	3	32
89-MAG1 L9N 11+00E P	60	29	168	1.2	285	2	22
89-MAG1 L9N 11+50E P	44	32	136	.8	239	2	16
89-MAG1 L9N 12+00E P	32	23	112	1.2	256	2	12
89-MAG1 L9N 12+50E P	58	31	167	1.9	766	2	720
89-MAG1 L9N 13+00E P	56	45	165	2.5	462	2	2560
89-MAG1 L9N 13+50E P	59	58	170	2.6	557	3	2740
89-MAG1 L9N 14+00E P	29	9	99	.5	128	2	63
89-MAG1 L9N 14+50E P	32	4	106	.2	119	2	52
89-MAG1 L9N 15+00E	80	71	253	2.1	1070	2	540
STD C/AU-S	60	36	132	7.2	42	16	51

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SAMPLE#		Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
89-MAG1 L8N 6+00W		87	21	79	.3	30	2	3
89-MAG1 L8N 5+00W		75	16	117	.4	21	2	2
89-MAG1 L8N 4+00W		121	26	115	.9	166	2	11
89-MAG1 L8N 1+50W		56	46	128	.3	77	2	8
89-MAG1 L8N 1+00W		142	57	193	5.5	736	2	76
89-MAG1 L8N 0+00W		68	36	123	.7	101	2	12
89-MAG1 L8N 0+00E		73	33	128	.4	89	2	8
89-MAG1 L8N 0+50E	P	23	12	64	.1	17	2	5
89-MAG1 L8N 1+00E	P	31	11	74	.1	32	2	1
89-MAG1 L8N 1+50E	P	37	11	77	.1	59	2	1
89-MAG1 L8N 2+00E	P	47	19	104	.3	103	2	1
89-MAG1 L8N 2+50E		103	54	196	.6	121	2	6
89-MAG1 L8N 3+00E	P	85	22	216	.5	168	2	1
89-MAG1 L8N 3+50E		110	25	278	.7	211	2	15
89-MAG1 L8N 4+00E		127	23	240	1.7	179	2	1
89-MAG1 L8N 4+50E		128	26	227	1.3	30	2	1
89-MAG1 L8N 5+00E	P	81	11	169	.7	19	2	1
89-MAG1 L8N 5+50E	P	84	7	163	.4	11	2	2
89-MAG1 L8N 6+00E		59	18	124	.8	45	2	7
89-MAG1 L8N 6+50E		65	17	156	.3	117	2	3
89-MAG1 L8N 7+00E		75	14	130	.5	40	2	4
89-MAG1 L8N 7+50E		77	16	130	.6	36	2	9
89-MAG1 L8N 8+00E	P	38	14	94	.1	12	2	1
89-MAG1 L8N 8+50E		56	15	116	.8	31	2	2
89-MAG1 L8N 9+00E		111	19	202	.4	30	2	2
89-MAG1 L8N 9+50E		76	8	154	.8	34	2	1
89-MAG1 L8N 10+00E	P	43	8	118	.2	21	2	1
89-MAG1 L8N 10+50E	P	26	5	91	.2	11	2	2
89-MAG1 L8N 11+00E	P	21	8	87	.1	13	2	1
89-MAG1 L8N 11+50E		66	17	138	.6	84	2	5
89-MAG1 L8N 12+00E	P	54	5	174	.1	36	2	1
89-MAG1 L8N 12+50E	P	51	11	160	.1	84	2	3
89-MAG1 L8N 13+00E		137	24	349	1.3	179	2	2
89-MAG1 L8N 13+50E		111	29	259	1.2	247	2	11
89-MAG1 L8N 14+00E		115	32	271	1.1	257	2	12
89-MAG1 L8N 14+50E		123	32	272	1.2	270	2	13
89-MAG1 L8N 15+00E		71	24	186	3.0	152	2	71
STD C/AU-S		62	40	132	7.3	39	15	48

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SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
89-MAG1 L7N 3+00W	96	71	231	.5	139	2	18
89-MAG1 L7N 2+50W	71	36	150	.2	79	2	2
89-MAG1 L7N 2+00W	62	22	125	.1	528	2	8
89-MAG1 L7N 1+50W	99	71	192	.6	247	2	34
89-MAG1 L7N 1+00W P	37	28	125	.1	64	2	49
89-MAG1 L7N 0+50W P	38	23	121	.1	78	2	6
89-MAG1 L7N 0+00 P	39	10	75	.1	38	2	6
89-MAG1 L7N 0+50E P	39	12	85	.1	50	2	6
89-MAG1 L7N 1+00E	91	79	183	1.4	272	2	10
89-MAG1 L7N 1+50E	99	49	180	1.6	201	2	8
89-MAG1 L7N 2+00E	126	12	273	.5	51	2	1
89-MAG1 L7N 2+50E	142	14	310	.5	41	2	5
89-MAG1 L7N 3+00E	150	19	316	.8	39	2	6
89-MAG1 L7N 3+50E	87	14	189	.5	35	2	5
89-MAG1 L7N 4+00E P	31	11	104	.1	16	2	1
89-MAG1 L7N 4+50E P	31	6	96	.1	28	2	2
89-MAG1 L7N 5+00E P	29	2	138	.1	51	2	1
89-MAG1 L7N 5+50E P	38	23	145	.1	71	2	3
89-MAG1 L7N 6+00E P	158	79	602	.5	313	2	1
89-MAG1 L7N 6+50E P	104	171	313	.4	231	2	1
89-MAG1 L7N 7+00E	259	44	331	1.9	70	2	3
89-MAG1 L7N 7+50E	170	18	246	1.0	43	2	2
89-MAG1 L7N 8+00E P	114	8	195	.4	15	2	2
89-MAG1 L7N 8+50E P	50	2	110	.1	14	2	1
89-MAG1 L7N 9+00E	90	16	230	.6	159	2	1
89-MAG1 L7N 9+50E P	39	7	106	.2	64	2	3
89-MAG1 L7N 10+00E	61	20	170	.5	194	2	6
89-MAG1 L7N 10+50E	97	36	337	.8	178	2	1
89-MAG1 L7N 11+00E P	64	66	107	.7	22	2	1
89-MAG1 L7N 11+50E P	60	56	233	.6	163	2	1
89-MAG1 L7N 12+00E	100	56	253	.7	1356	2	55
89-MAG1 L7N 12+50E	82	33	229	.7	194	2	4
89-MAG1 L7N 13+00E	112	78	281	1.8	238	4	20
89-MAG1 L7N 13+50E	83	20	312	1.0	131	2	1
89-MAG1 L7N 14+00E	79	21	269	1.0	99	2	2
89-MAG1 L6N 3+00W	282	25	237	1.1	52	3	4
89-MAG1 L6N 2+50W	147	27	191	.7	120	3	2
STD C/AU-S	62	44	132	7.2	42	14	51

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SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
89-MAG1 L6N 0+50W P	83	58	160	1.1	310	2	38
89-MAG1 L6N 0+00W	63	43	136	.4	202	2	23
89-MAG1 L6N 0+00E	63	36	140	.4	184	2	20
89-MAG1 L6N 0+50E P	49	12	60	.6	51	2	1
89-MAG1 L6N 1+00E P	53	9	51	.5	62	2	4
89-MAG1 L6N 1+50E P	79	20	251	.4	145	2	13
89-MAG1 L6N 2+00E P	67	26	125	.8	43	2	3
89-MAG1 L6N 2+50E	96	15	172	.4	37	2	5
89-MAG1 L6N 3+00E	64	19	140	.3	32	2	7
89-MAG1 L6N 3+50E	68	23	159	.5	25	2	4
89-MAG1 L6N 4+00E	176	24	271	.4	24	2	4
89-MAG1 L6N 4+50E	82	19	207	.5	48	2	1
89-MAG1 L6N 5+00E P	75	5	296	.3	7	2	1
89-MAG1 L6N 5+50E P	69	9	139	.3	11	2	5
89-MAG1 L6N 6+00E P	50	170	141	.7	749	2	14
89-MAG1 L6N 6+50E P	81	57	238	.5	137	2	12
89-MAG1 L6N 7+00E P	60	27	176	.4	75	2	10
89-MAG1 L6N 7+50E P	64	30	173	.4	64	2	5
89-MAG1 L6N 8+00E	71	24	228	.8	96	2	1
89-MAG1 L6N 8+50E	128	19	282	.7	85	2	1
89-MAG1 L6N 9+00E	97	17	296	.7	100	2	5
89-MAG1 L6N 9+50E	31	14	98	.2	17	2	1
89-MAG1 L6N 10+00E P	52	72	118	.7	1854	2	29
89-MAG1 L6N 11+00E	31	18	96	.2	26	2	1
89-MAG1 L6N 11+50E P	53	19	238	.3	114	2	3
89-MAG1 L6N 12+00E P	66	39	153	.4	110	2	2
89-MAG1 L6N 13+00E P	67	17	220	.3	94	2	7
89-MAG1 L5N 3+50W P	30	11	33	.4	18	2	1
89-MAG1 L5N 2+50W P	86	60	127	.5	121	2	14
89-MAG1 L5N 2+00W P	66	58	137	.4	220	2	50
89-MAG1 L5N 1+00W	157	124	260	1.6	414	2	62
89-MAG1 L5N 0+50W	72	95	177	.8	274	2	27
89-MAG1 L5N 0+00	114	48	179	.7	115	2	10
89-MAG1 L5N 0+50E P	20	13	33	.1	9	2	2
89-MAG1 L5N 1+00E	65	21	136	1.1	105	4	5
89-MAG1 L5N 1+50E	111	22	315	.7	40	2	2
STD C/AU-S	61	43	132	7.3	40	15	51

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
89-MAG1 L5N 2+00E	59	24	165	.5	122	2	9
89-MAG1 L5N 2+50E	73	21	185	.5	74	2	4
89-MAG1 L5N 3+00E P	120	11	505	.5	29	2	1
89-MAG1 L5N 3+50E P	51	11	144	.2	20	2	2
89-MAG1 L5N 4+00E	91	18	361	.6	52	2	1
89-MAG1 L5N 4+50E	80	18	214	.5	49	2	3
89-MAG1 L5N 5+00E P	39	7	114	.2	8	2	1
89-MAG1 L5N 5+50E P	58	8	144	.3	15	2	2
89-MAG1 L5N 6+00E	177	17	478	1.2	25	2	3
89-MAG1 L5N 6+50E	96	10	167	.3	29	2	8
89-MAG1 L5N 7+00E	87	22	191	.4	43	2	1
89-MAG1 L5N 7+50E P	84	19	220	.4	90	2	1
89-MAG1 L5N 8+00E	82	27	225	.7	133	2	6
89-MAG1 L5N 8+50E	72	33	212	.4	115	2	1
89-MAG1 L5N 9+00E	79	36	202	.6	416	2	1
89-MAG1 L5N 9+50E	78	24	263	.8	118	2	3
89-MAG1 L5N 10+00E	106	15	264	.8	65	2	3
89-MAG1 L5N 10+50E P	34	7	85	.3	15	2	1
89-MAG1 L5N 11+00E	106	29	253	.7	101	2	1
89-MAG1 L4N 6+00W	73	25	192	.4	57	2	6
89-MAG1 L4N 5+50W	153	50	278	1.0	125	2	4
89-MAG1 L4N 5+00W	89	192	231	1.4	449	2	2
89-MAG1 L4N 4+50W	92	39	114	1.6	383	9	8
89-MAG1 L4N 4+00W P	44	14	112	.2	151	2	4
89-MAG1 L4N 2+00W P	40	20	87	.3	70	2	2
89-MAG1 L4N 1+50W	98	24	188	.5	147	2	2
89-MAG1 L4N 1+00W	72	16	134	.3	150	2	13
89-MAG1 L4N 0+50W P	37	162	161	.4	85	2	1
89-MAG1 L4N 0+50E	81	23	112	.9	66	2	1
89-MAG1 L4N 1+00E P	105	18	234	.5	52	2	3
89-MAG1 L4N 1+50E	117	25	213	1.2	56	2	1
89-MAG1 L4N 2+00E	82	102	253	.9	581	2	36
89-MAG1 L4N 2+50E	80	22	199	.4	72	2	2
89-MAG1 L4N 3+00E	71	13	180	.5	56	2	1
89-MAG1 L4N 3+50E P	37	5	149	.2	14	2	1
89-MAG1 L4N 4+00E P	57	5	252	.3	20	2	1
STD C/AU-S	62	42	132	7.2	41	15	53

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
89-MAG1 L4N 4+50E P	55	13	233	.3	37	2	1
89-MAG1 L4N 5+00E	116	19	251	.9	44	2	5
89-MAG1 L4N 5+50E	106	27	220	.9	38	2	3
89-MAG1 L4N 6+00E P	27	7	92	.1	5	2	1
89-MAG1 L4N 6+50E P	31	2	100	.1	4	2	1
89-MAG1 L4N 7+00E P	32	4	86	.2	5	2	1
89-MAG1 L4N 7+50E	65	23	157	.5	38	2	3
89-MAG1 L4N 8+00E	60	22	150	.5	52	2	4
89-MAG1 L4N 8+50E P	59	34	125	.3	15	2	1
89-MAG1 L4N 9+00E	140	42	208	2.3	138	3	1
89-MAG1 L4N 9+50E	49	19	92	.4	40	2	1
89-MAG1 L4N 10+00E	71	16	258	.5	64	2	5
89-MAG1 L4N 10+50E	77	36	226	.6	199	2	1
89-MAG1 L4N 11+00E P	75	20	191	.3	44	2	1
89-MAG1 L3N 6+00W P	75	36	197	.6	150	2	1
89-MAG1 L3N 5+50W P	67	17	108	.2	32	2	1
89-MAG1 L3N 5+00W	74	290	101	2.8	485	7	6
89-MAG1 L3N 4+50W P	133	333	302	1.9	307	8	3
89-MAG1 L3N 3+00W P	66	21	115	.3	401	5	1
89-MAG1 L3N 2+00W P	143	22	190	.6	127	2	1
89-MAG1 L3N 1+50W P	59	18	107	.3	292	2	8
89-MAG1 L3N 1+00W P	50	10	86	.5	54	2	6
89-MAG1 L3N 0+50W P	32	12	60	.3	34	2	18
89-MAG1 L3N 0+00	148	168	313	1.9	101	6	1
89-MAG1 L3N 0+50E	378	44	544	1.7	433	7	27
89-MAG1 L3N 1+00E	308	60	369	1.2	728	3	22
89-MAG1 L3N 1+50E P	65	18	153	.3	195	2	20
89-MAG1 L3N 2+00E P	32	9	105	.2	26	2	3
89-MAG1 L3N 2+50E	113	23	292	1.1	71	2	4
89-MAG1 L3N 3+00E P	31	10	97	.4	6	2	1
89-MAG1 L3N 3+50E P	28	13	117	.2	8	2	1
89-MAG1 L3N 4+00E P	28	6	107	.3	6	2	1
89-MAG1 L3N 4+50E P	24	2	104	.2	6	2	1
89-MAG1 L3N 5+00E	1109	35	1181	2.6	49	6	1
89-MAG1 L3N 5+50E	78	21	163	.4	30	2	2
89-MAG1 L3N 6+00E	137	20	290	1.3	11	3	1
STD C/AU-S	61	42	132	7.4	44	14	51

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
89-MAG1 L3N 6+50E	68	13	151	.3	9	2	2
89-MAG1 L3N 7+00E	68	24	187	.6	42	2	3
89-MAG1 L3N 7+50E	86	24	156	.3	41	2	1
89-MAG1 L3N 8+00E	95	28	167	.9	43	2	1
89-MAG1 L3N 8+50E	72	26	189	.5	26	2	20
89-MAG1 L3N 9+00E	121	36	286	.6	41	2	8
89-MAG1 L3N 9+50E P	27	5	106	.2	19	2	1
89-MAG1 L3N 10+50E P	34	9	132	.3	15	2	3
89-MAG1 L3N 11+00E	63	15	177	.6	39	2	1
89-MAG1 L2N 6+00W	169	99	370	1.6	299	2	10
89-MAG1 L2N 5+00W	130	44	260	1.0	79	2	2
89-MAG1 L2N 4+50W	137	67	248	1.6	192	4	2
89-MAG1 L2N 4+00W	295	103	593	2.4	583	10	2
89-MAG1 L2N 3+50W	143	116	259	1.4	631	2	2
89-MAG1 L2N 3+00W	108	216	256	2.3	780	3	1
89-MAG1 L2N 2+50W	85	78	187	1.0	634	2	36
89-MAG1 L2N 2+00W P	66	19	113	.4	139	2	1
89-MAG1 L2N 1+50W	193	63	212	1.7	243	2	21
89-MAG1 L2N 1+00W	179	42	351	1.3	290	7	1
89-MAG1 L2N 0+50W	173	31	229	1.1	136	2	3
89-MAG1 L2N 0+00	167	42	241	1.1	217	2	4
89-MAG1 L2N 0+50E	91	41	163	.9	161	2	6
89-MAG1 L2N 1+00E	114	45	186	1.1	154	2	25
89-MAG1 L2N 1+50E	162	28	239	1.0	187	2	1
89-MAG1 L2N 2+00E	167	32	248	.9	156	2	4
89-MAG1 L2N 2+50E	98	25	201	1.0	118	2	1
89-MAG1 L2N 3+00E	110	19	304	1.5	100	2	4
89-MAG1 L2N 3+50E	123	38	342	1.2	58	2	1
89-MAG1 L2N 4+00E	97	14	192	.7	31	2	1
89-MAG1 L2N 4+50E	67	18	151	.6	18	2	6
89-MAG1 L2N 5+00E	108	19	214	.6	40	2	3
89-MAG1 L2N 5+50E	141	32	334	.7	97	2	1
89-MAG1 L2N 6+00E	82	22	219	.6	51	2	10
89-MAG1 L2N 7+00E	223	53	362	2.2	214	8	89
89-MAG1 L2N 7+50E	88	21	295	.6	43	2	2
89-MAG1 L2N 8+00E	109	21	244	.6	47	2	1
STD C/AU-S	60	39	132	7.2	40	15	51

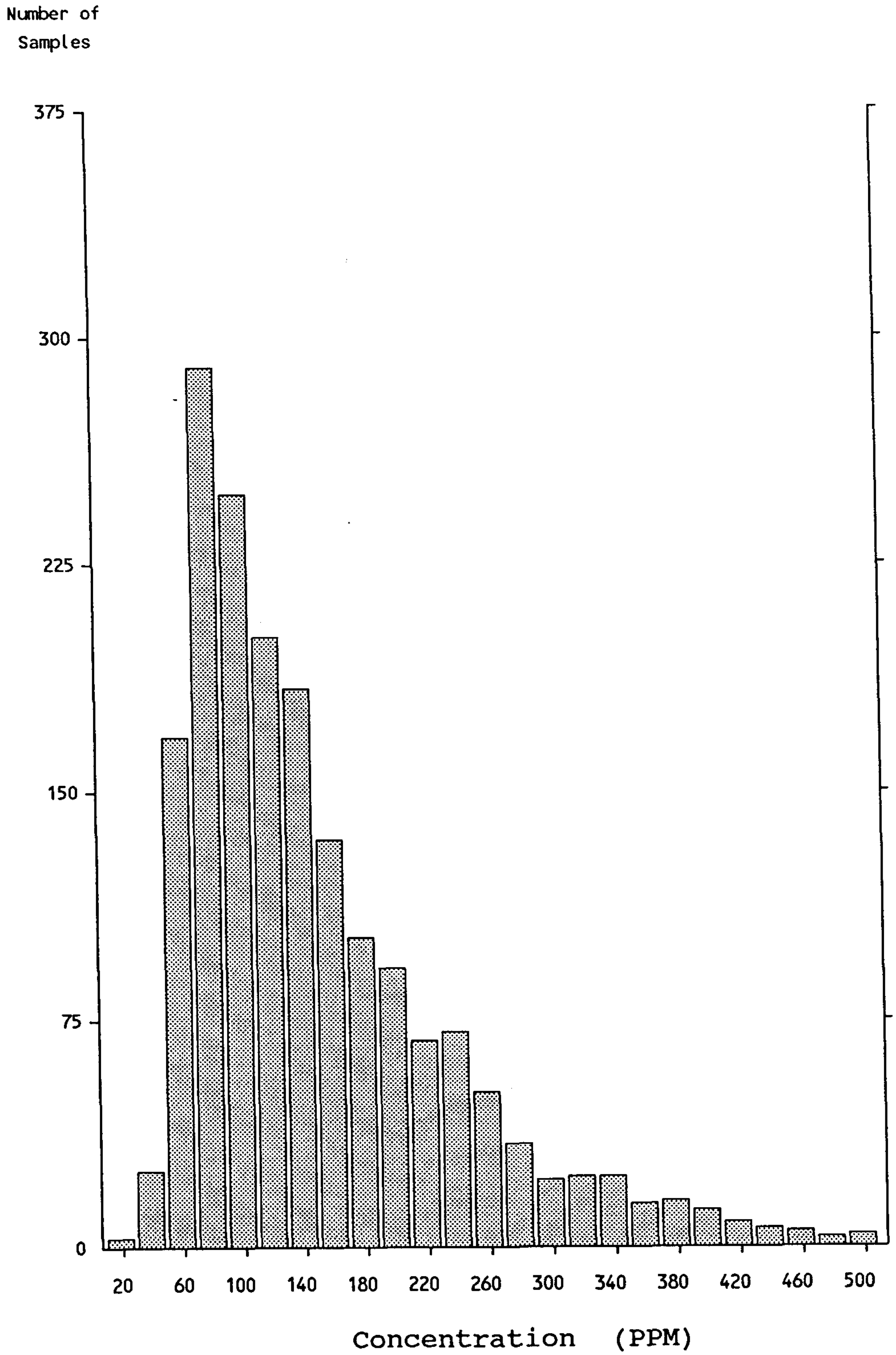
SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Au* PPB
89-MAG1 L2N 8+50E	86	25	231	.4	41	2	4
89-MAG1 L2N 9+00E	178	22	238	1.8	90	2	8
89-MAG1 L1N 5+50W	101	49	131	1.6	108	2	7
89-MAG1 L1N 5+00W	153	51	317	1.1	155	2	9
89-MAG1 L1N 4+50W P	71	108	128	.7	590	2	21
89-MAG1 L1N 3+50W	230	36	311	1.1	906	7	75
89-MAG1 L1N 3+00W P	42	5	79	.1	140	2	2
89-MAG1 L1N 2+50W	115	26	206	1.1	668	3	8
89-MAG1 L1N 2+00W P	76	24	133	.5	374	2	5
89-MAG1 L1N 1+50W	164	24	407	.8	178	2	13
89-MAG1 L1N 1+00W	243	42	202	1.3	127	2	9
89-MAG1 L1N 0+50W	157	25	270	1.3	326	2	29
89-MAG1 L1N 0+00 P	99	18	175	.7	181	2	8
89-MAG1 L1N 0+50E	173	36	430	.8	333	7	4
89-MAG1 L1N 1+00E	119	23	373	.7	204	4	35
89-MAG1 L1N 1+50E	126	28	324	.6	222	7	5
89-MAG1 L1N 2+00E	95	34	272	.5	209	2	4
89-MAG1 L1N 2+50E	95	30	282	.6	167	2	8
89-MAG1 L1N 3+00E	145	17	280	1.1	118	2	22
89-MAG1 L1N 3+50E	147	17	231	.9	41	2	17
89-MAG1 L1N 4+00E	274	16	452	.9	62	7	65
89-MAG1 L1N 4+50E	476	23	532	2.7	25	2	18
89-MAG1 L1N 5+00E	89	20	198	.6	80	2	1
STD C/AU-S	60	36	132	7.4	40	14	53

APPENDIX 2

STATISTICAL SUMMARY

SKUKUM GOLD - MAG, WAT

Zn

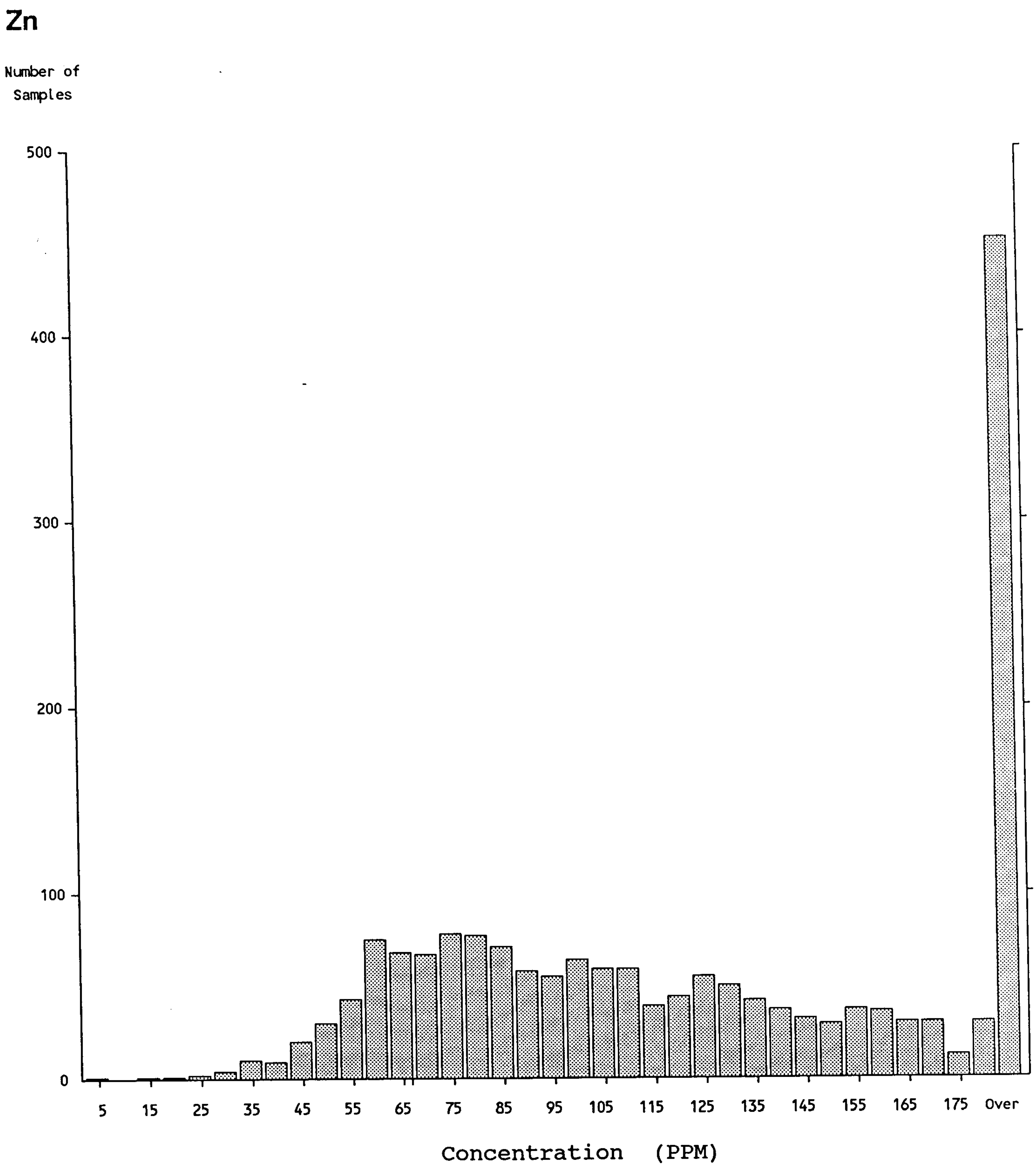


1806 Samples

Maximum: 499
Minimum: 1

Mean: 141
Median: 117
Standard Deviation: 84

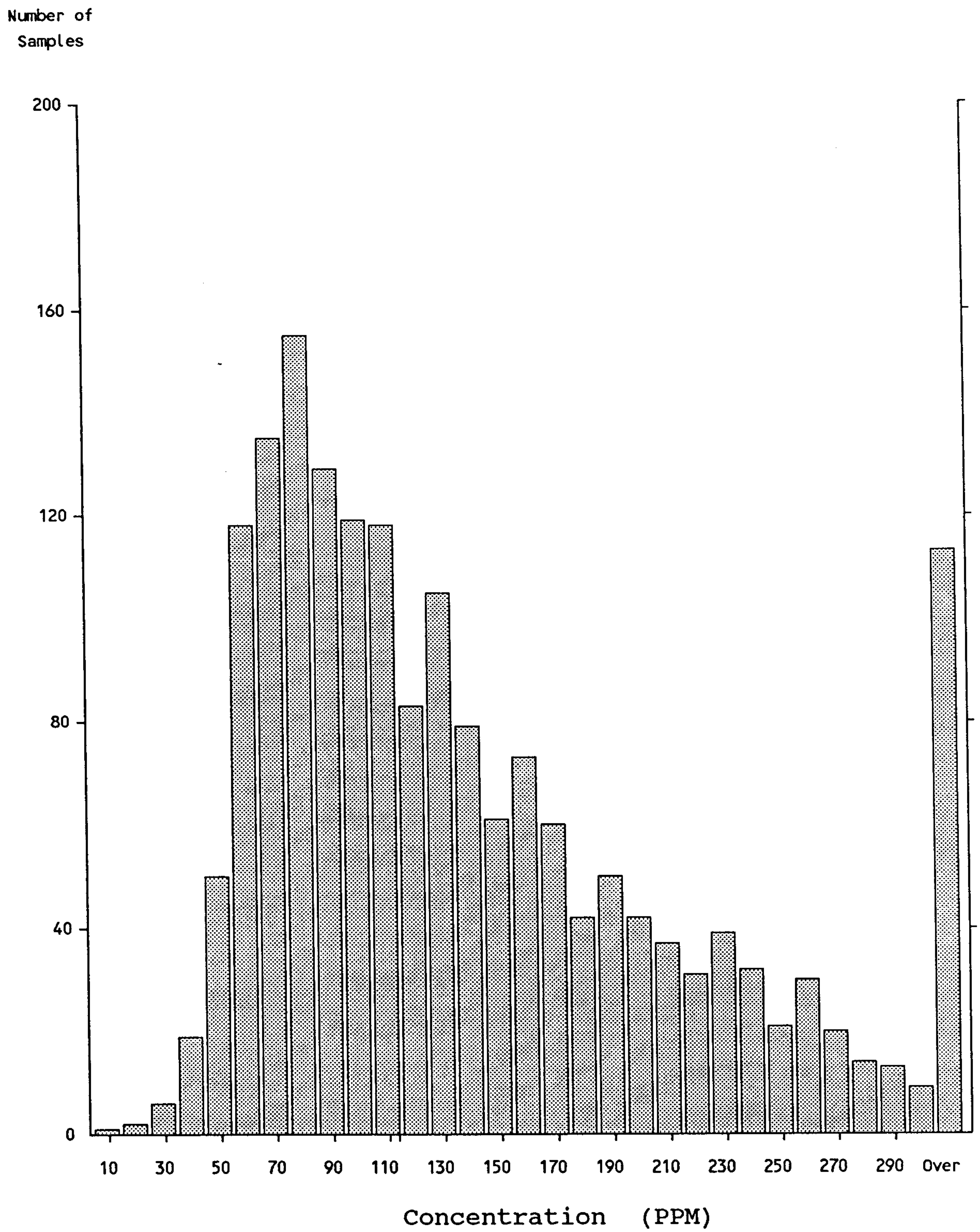
SKUKUM GOLD - MAG, WAT



1806 Samples	Maximum:	499	Mean:	141
	Minimum:	1	Median:	117
			Standard Deviation:	84

SKUKUM GOLD - MAG, WAT

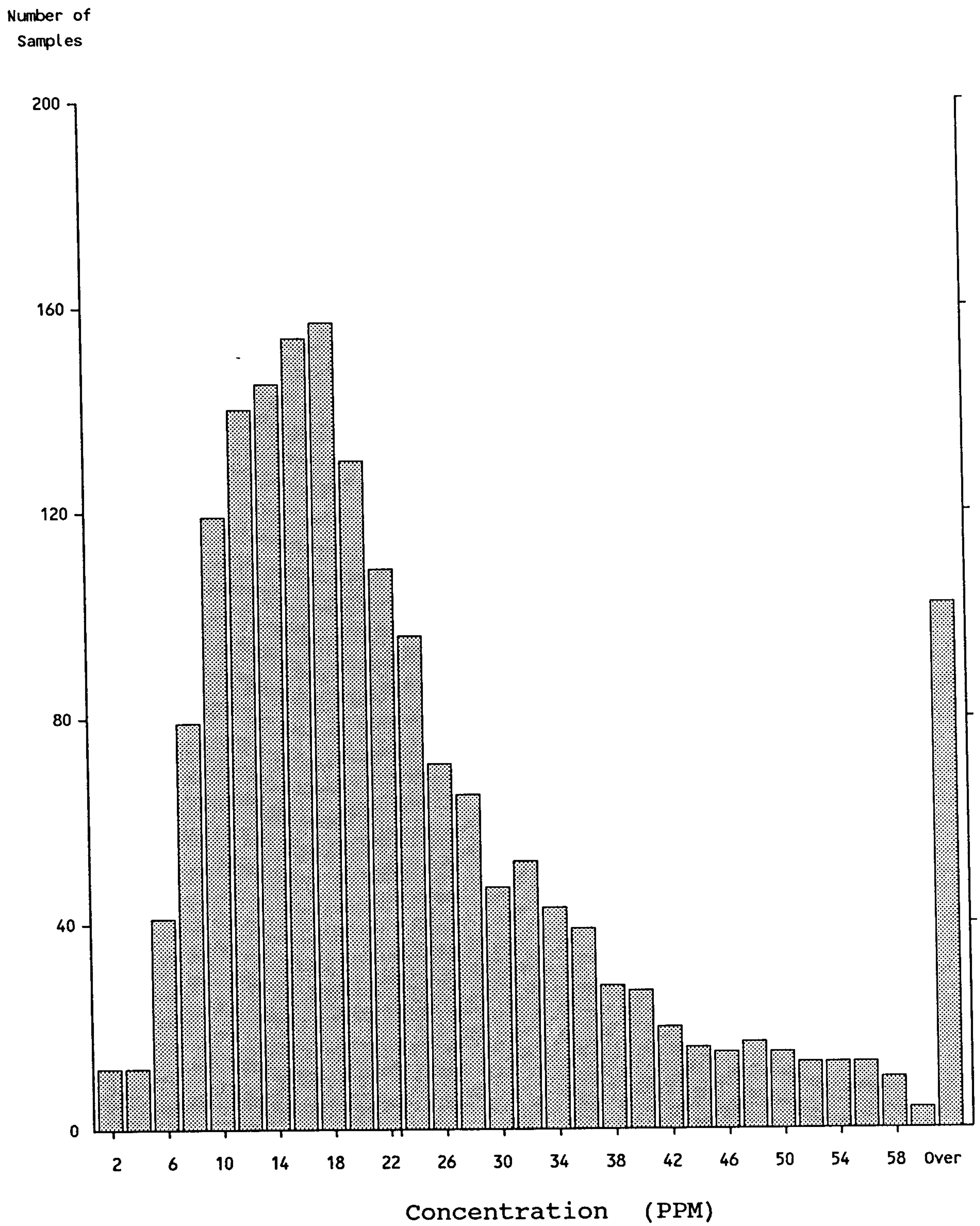
Zn



1806 Samples	Maximum: 499	Mean:	141
	Minimum: 1	Median:	117
		Standard Deviation:	84

SKUKUM GOLD - MAG, WAT

Pb



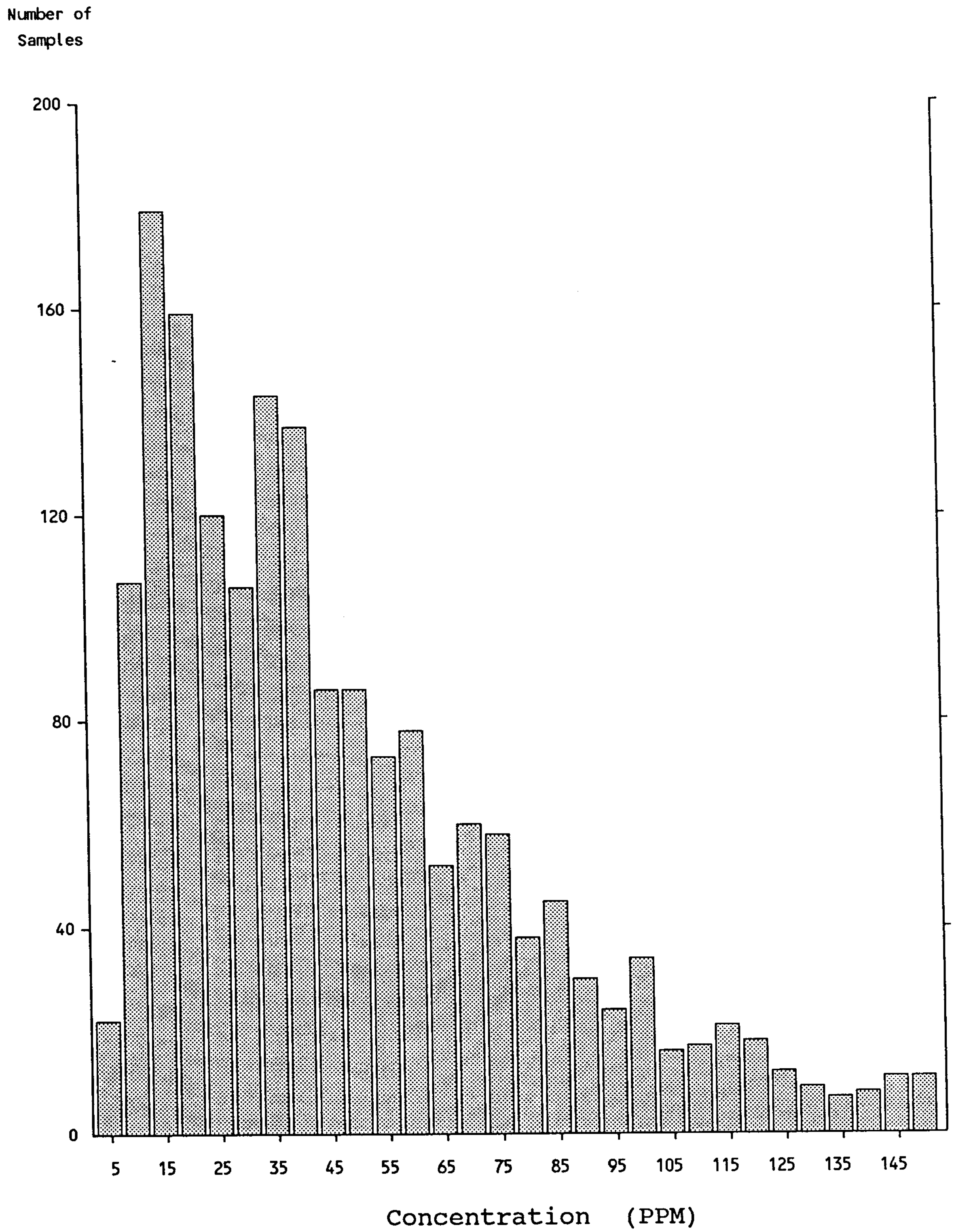
1804 Samples

Maximum: 146
Minimum: 2

Mean: 25
Median: 19
Standard Deviation: 21

SKUKUM GOLD - MAG, WAT

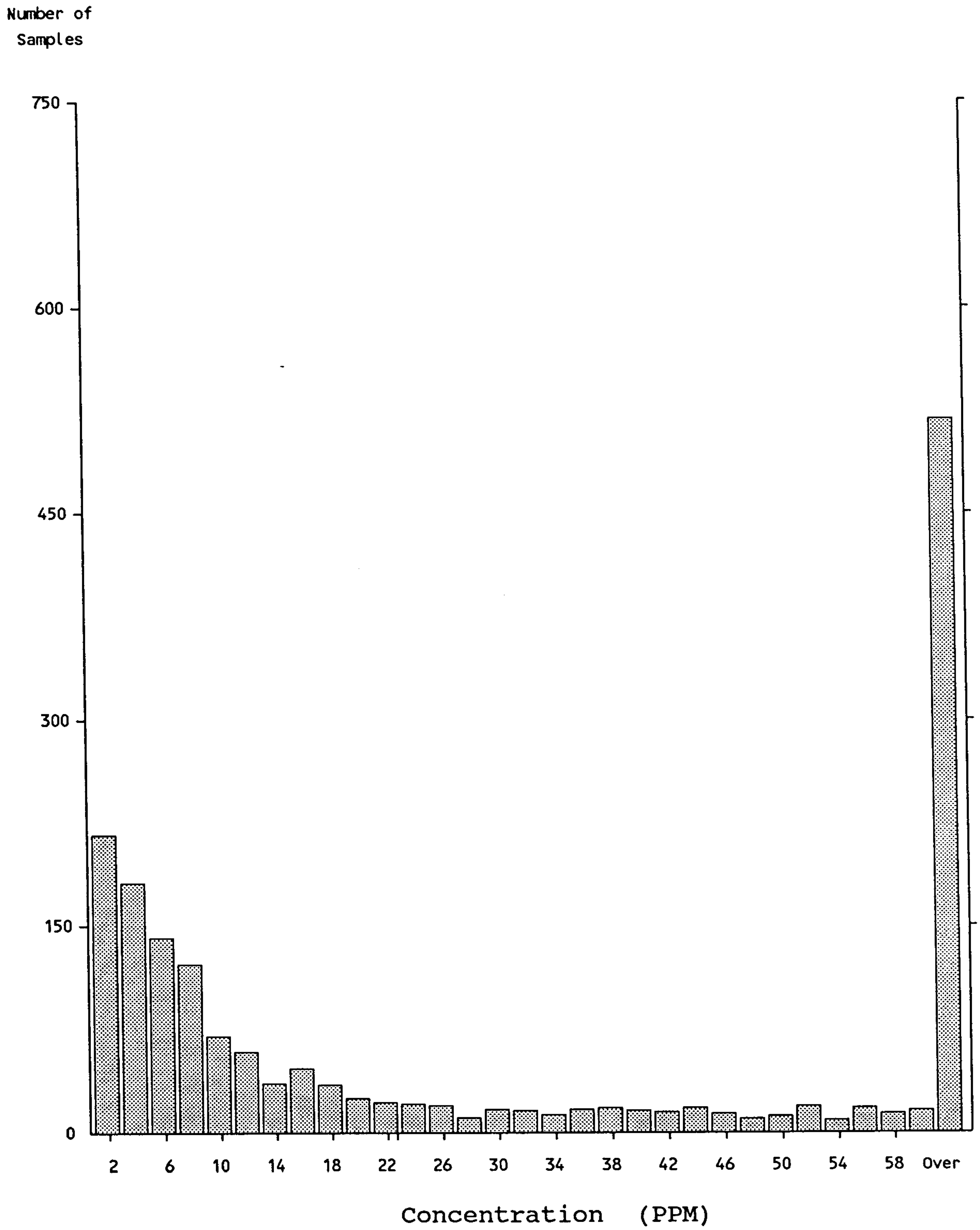
Cu



1767 Samples	Maximum:	150	Mean:	45
	Minimum:	1	Median:	37
			Standard Deviation:	32

SKUKUM GOLD - MAG, WAT

As



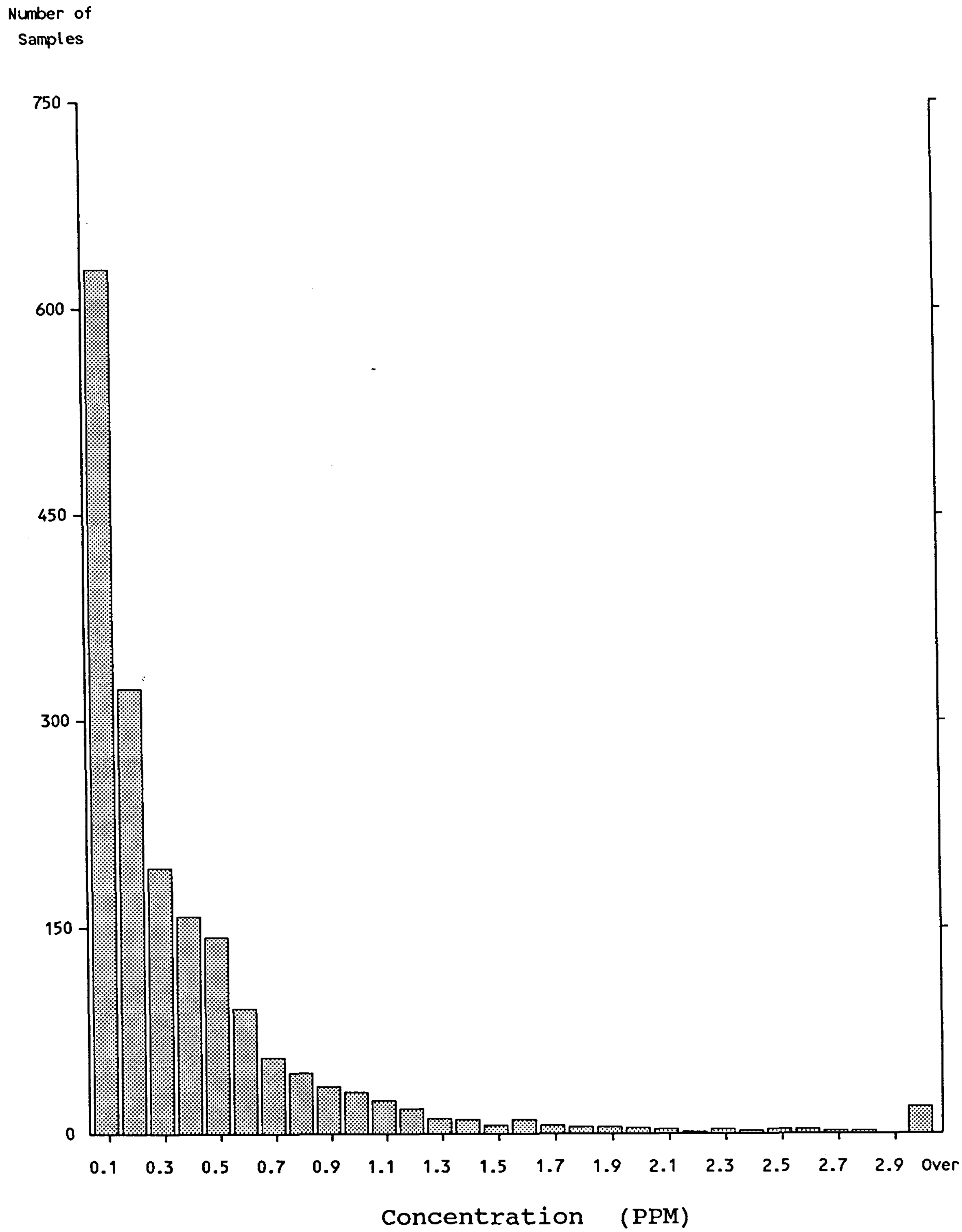
1766 Samples

Maximum: 398
Minimum: 2

Mean: 51
Median: 17
Standard Deviation: 70

SKUKUM GOLD - MAG, WAT

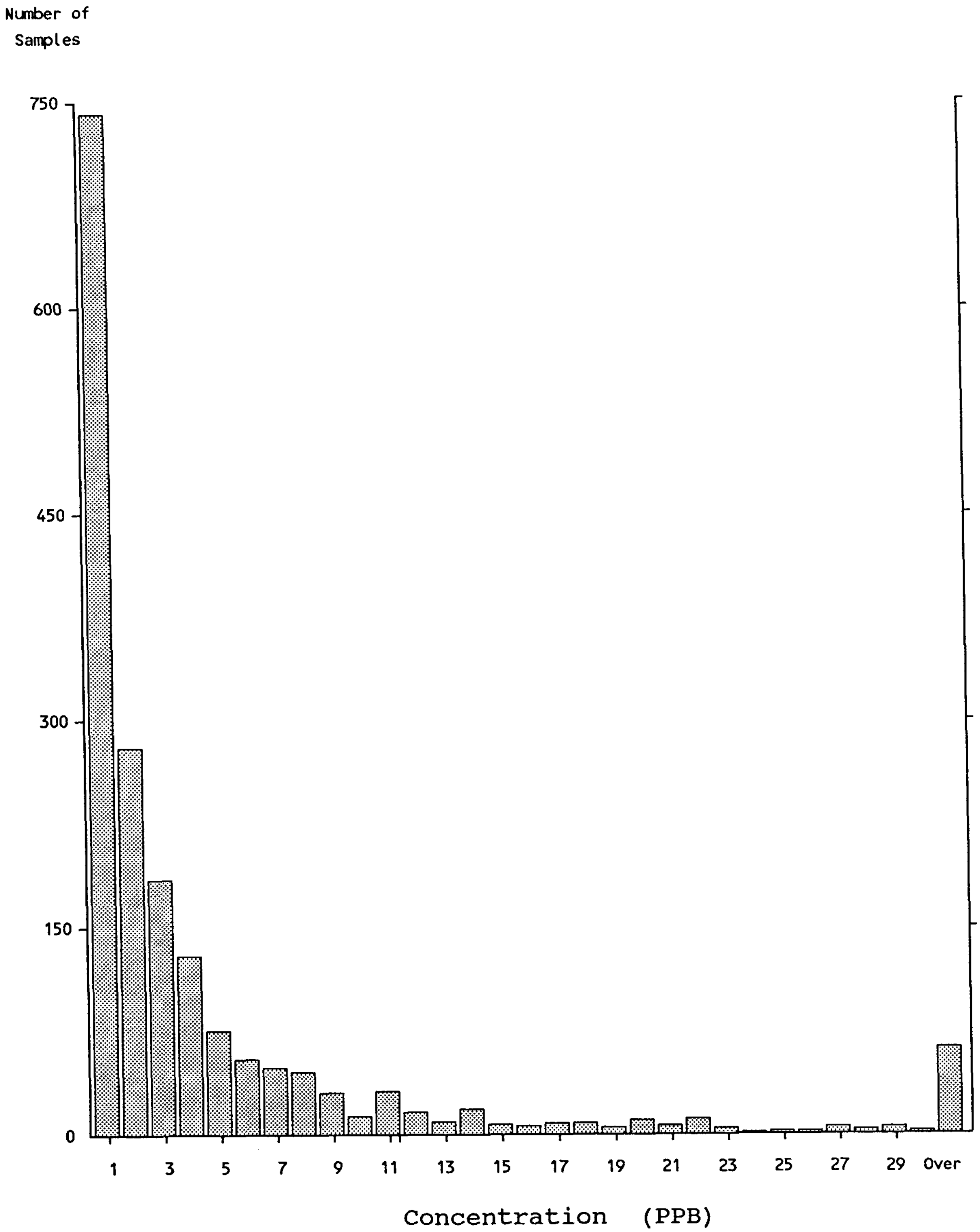
Ag



1837 Samples	Maximum:	13.5	Mean:	0.4
	Minimum:	0.1	Median:	0.2
			Standard Deviation:	0.7

SKUKUM GOLD - MAG, WAT

Au*



1821 Samples

Maximum: 205
Minimum: 1

Mean: 6
Median: 2
Standard Deviation: 13

metres
1:5000
092809
2740 ppb Au
58 ppb Au
44 ppb Au
32 ppb Au
19 ppb Au
Strongly anomalous zone
SKUKUM GOLD INC.
MAG CLAIMS
WHITEHORSE MINING DISTRICT
GRID 89 - MAG 1
Au (ppb)
357
Drawn by: HM/vh Date: Dec. 89 MAP No.
NTS: 105/D4,5 Scale: 1:5000 1


metres
1:5000
5.5 ppm Ag
3.2 ppm Ag
2.5 ppm Ag
1.8 ppm Ag
1.1 ppm Ag
Strongly anomalous zone
092809
SKUKUM GOLD INC.
MAG CLAIMS
WHITEHORSE MINING DISTRICT
GRID 89 - MAG 1
358
Ag · (ppm)
Drawn by: HM/vh Date: Dec. 89 MAP No.
NTS: 105/D4,5 Scale: 1:5000 2

metres
1:5000
1854 ppm As
331 ppm As
261 ppm As
191 ppm As
121 ppm As
Strongly anomalous zone
SKUKUM GOLD INC.
MAG CLAIMS
WHITEHORSE MINING DISTRICT
GRID 89 - MAG 1
As · (ppm)
Drawn by: HM/vh Date: Dec. 89 MAP No. 3
NTS: 105/D4,5 Scale: 1:5000
359
092809

092809

360

SKUKUM GOLD INC.
MAG CLAIMS
WHITEHORSE MINING DISTRICT
GRID 89 - MAG 1

Cu · (ppm)

Drawn by: HM/vh Date: Dec. 89 MAP No. 4
NTS: 105/D4.5 Scale: 1:5000

metres
1:5000
092809
333ppm Pb
109 ppm Pb
88 ppm Pb
67 ppm Pb
46 ppm Pb
strongly anomalous zone
SKUKUM GOLD INC.
MAG CLAIMS
WHITEHORSE MINING DISTRICT
GRID 89 - MAG 1
Pb · (ppm)
Drawn by: HM/vh Date: Dec. 89 MAP No.
NTS: 105/D4,5 Scale: 1:5000
5
361

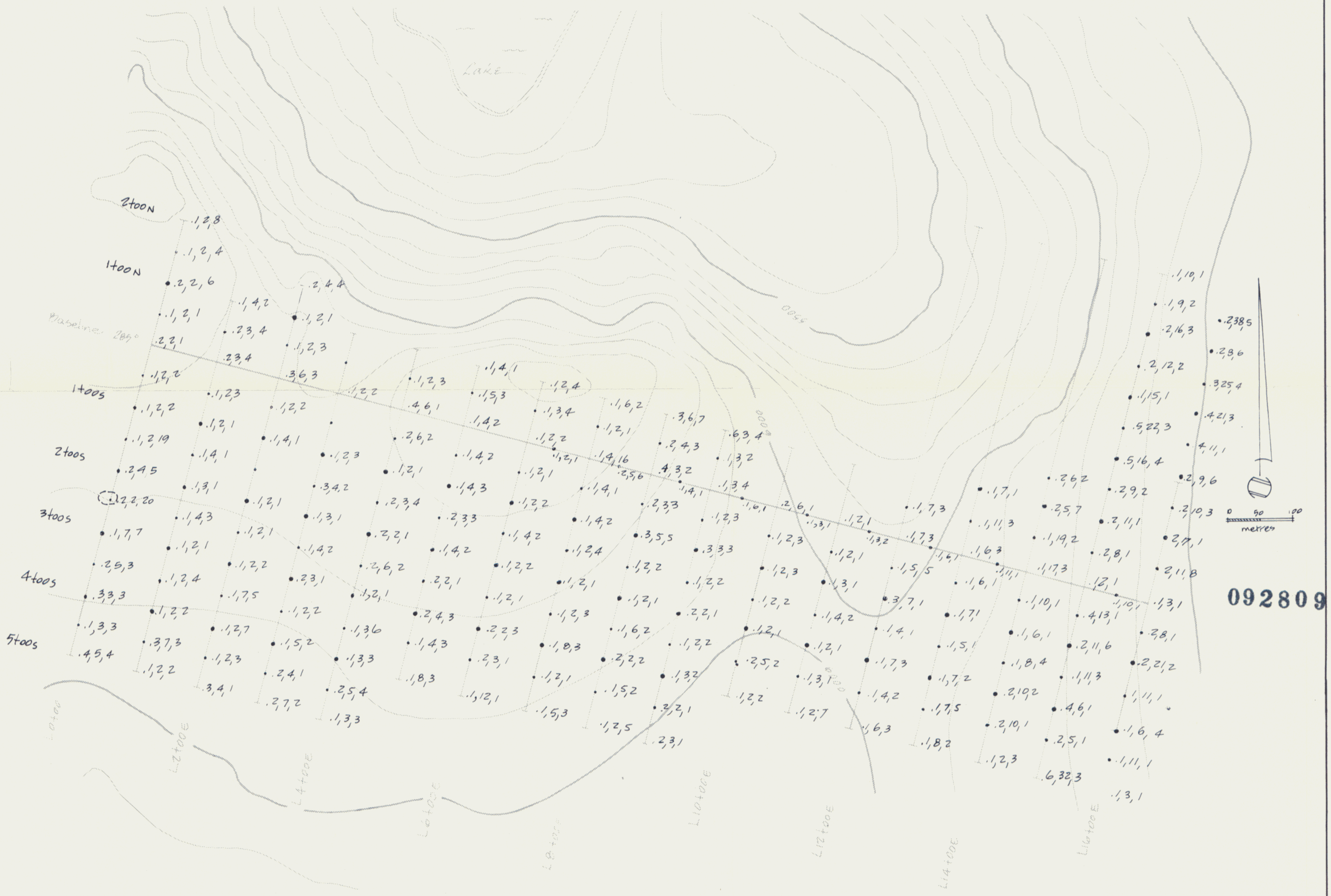
092809

362

SKUKUM GOLD INC.
MAG CLAIMS
WHITEHORSE MINING DISTRICT
GRID 89 - MAG 1

Zn · (ppm)

Drawn by: HM/vh Date: Dec. 89 MAP No. 6
NTS: 105/D4,5 Scale: 1:5000



.3,7,1 Ag (ppm), As (ppm) Au (ppb)

19 ppb Au

363

SKUKUM GOLD INC

MAG CLAIMS

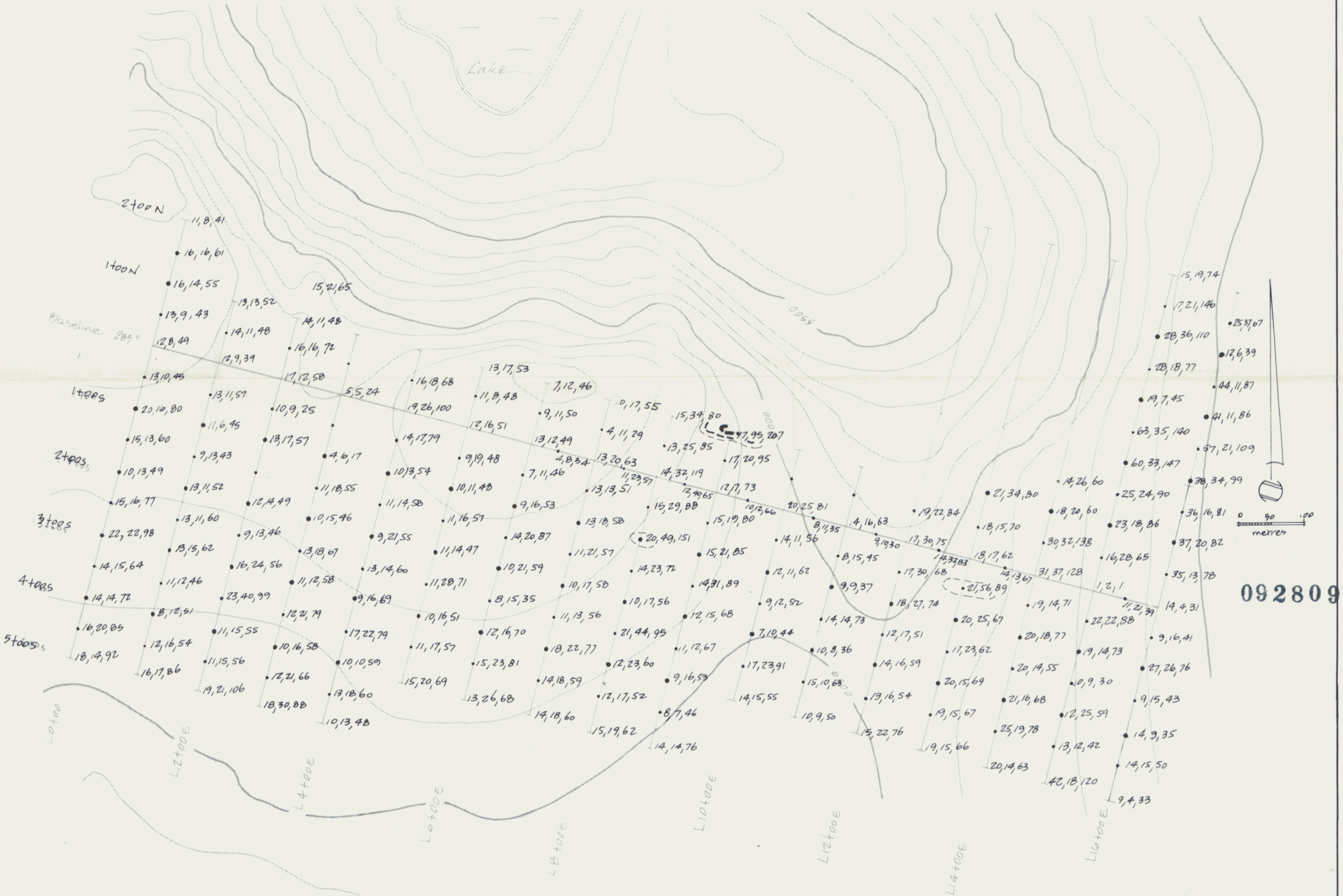
WHITEHORSE MINING DISTRICT

GRID 89 - MAG 2

Ag (ppm), As (ppm) Au (ppb)

Drawn by: HM/vn Date: Dec '89 Map No. 7

NTS: 105/D3 Scale 1:5000



14,16,59 Cu(ppm), Pb(ppm) Zn(ppm)

88 ppm Pb

67 ppm Pb

46 ppm Pb

364

SKUKUM GOLD INC

MAG CLAIMS

WHITEHORSE MINING DISTRICT

GRID 89 - MAG 2

Cu (ppm) Pb (ppm) Zn (ppm)

Drawn by: HM/vh Date: Dec '89 Map No. 8

NTS: 105/D3 Scale: 1:5000

metres 1:5000
TH ZONE
TH SHEAR ZONE
Area of no grid geochemistry coverage
No grid geochemistry coverage
WATSON ZONE
pegmatite
pegmatitic vein
092809
GEOLOGY
Er - Skukum Group Volcanic Rocks
Kqm - Coast Plutonic Complex: granitic rocks
Pdr, HEsn - Yukon Group: diorite; schist and gneiss
ANOMALOUS GEOCHEMISTRY
141 ppm Cu
88 ppm Pb
393 ppm Zn
2.5 ppm Ag
44 ppb Au
261 ppm As
Au values in ppb
SKUKUM GOLD INC.
MAG CLAIMS
WHITEHORSE MINING DISTRICT
GRID 89 - MAG 1
COMPILATION MAP
Scale 1:5000
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