MAP NO.	ASSESSMENT REPORT	X	DOCUMENT NO.:	092638
	PROSPECTUS		MINING DISTRICT:	Whitehorse
	CONFIDENTIAL	X	TYPE OF WORK:	Geological, geochemical
105 D 4	OPEN FILE			

REPORT FILED UNDER: Island Minng and Explorations Co. Ltd

DATE PERFORMED: 19 May-4 November, 1988 DATE FILED: 8 February, 1989

LOCATION: LAT.: 60 10'N AREA: Watson River

LONG.:135 34'W VALUE $: 12 275.00

CLAIM NAME & NO.: DAY 1-99 (YB06741-823, YB07430-45)

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

WORK DONE FOR: Island Mining and Explorations Co. Ltd

DATE TO GOOD STANDING		REMARKS: ADJOINS #229 EARL
		Preliminary mapping and sampling in 1988 uncovered a small
		arsenopyrite showing which assayed 15.1% As, 146.0 g/t Ag and
		4.3 g/t Au.

ISLAND MINING
& EXPLORATIONS CO. LTD.

PRELIMINARY GEOLOGICAL AND GEOCHEMICAL REPORT

ON THE

DAY 1-99 MINERAL CLAIMS
(YB06741-823 & YB07430-445)

HEADWATERS OF THE WATSON RIVER
WHITEHORSE MINING DISTRICT
YUKON TERRITORY

N.T.S.: 105D/4

LATITUDE: 60 DEGREES 10 MINUTES NORTH
LONGITUDE: 135 DEGREES 34 MINUTES WEST

ISLAND MINING AND EXPLORATIONS COMPANY LTD.
#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 November 4, 1988

SUMMARY

This report describes exploration work performed on the **DAY 1-99** Mineral Claims located at the headwaters of the Watson River in the southern Yukon.

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

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

Four small mineralized showings were found. Stream sediment and talus fines anomalies were also delineated in the northern portion of the claims. No mineralized structures of any size have been identified as yet.

Further prospecting, geological mapping and talus fines sampling of an exploratory nature is recommended, concentrating on the northern portion of the claim block.

TABLE OF CONTENTS

LIST OF FIGURES

LIST OF TABLES

LIST OF MAPS

1. INTRODUCTION

1.1 LOCATION & ACCESS

The **DAY 1-99** Mineral Claims are located north of the Yukon - B.C. border, at the headwaters of the Watson River at 60 degrees 10 minutes North latitude and 135 degrees 34 minutes West longitude (N.T.S. 105D/4). The property is accessible by helicopter, with the nearest permanent base being Whitehorse, Y.T.. The 1988 work program was conducted from a camp established in the Wheaton River Valley, Y.T..

1.2 CLIMATE, TOPOGRAPHY & VEGETATION

The climate in this area of the Yukon is variable with hot summers, enhanced by 18 - 20 hours of daylight, and long cold winters. Precipitation is moderate (90 cm. 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 north exposures and gullies into July. The creeks are open from early June to mid October.

The topography of the DAY claims is partly rugged with precipitous, glacially sculptured valley sides, and relatively flat ridge tops, valley floors and alpine passes. Snowfields and small pocket glaciers exist on high, north facing cirques within the claim group. Maximum relief in the area is approximately 820 meters (2700 ft.) with valley floors of 1240 meters (4100 ft.) and summits up to 2060 meters (6800 ft.).

Ninety percent of the property is above treeline, with talus and felsenmeer covering the higher precipitous elevations, willows, alpine grasses, shrubs and wild flowers in the meadows on the ridge tops and alpine passes, and stunted spruce, balsam, poplar, alder, willows and shrubs in the valley floors.

1.3 PROPERTY & CLAIM STATUS

The DAY Property consists of 99 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
DAY 1 - 59	YB06741-799	AUG 04,1987	NOV 04,1989*	59
DAY 60	YB06800	AUG 04,1987	NOV 04,1988	1

135°30'

135°00'

134°30'

60°15'

Fish Lake

To Whitehorse 15 Km

Marsh Lake

McConnell Lake

Alligator Lake

River

Watson

MT. HODNETT

Annie Lake

Watson River

HWY

GOLD HILL

DAY CLAIMS

SKUKUM CREEK MINE

River

MT. SKUKUM

CARBON HILL

Craig Lake

Wheaton

Carcross

Tagish Lake

MT. WARD

Primrose Lake

Lake

West Arm

Bennett

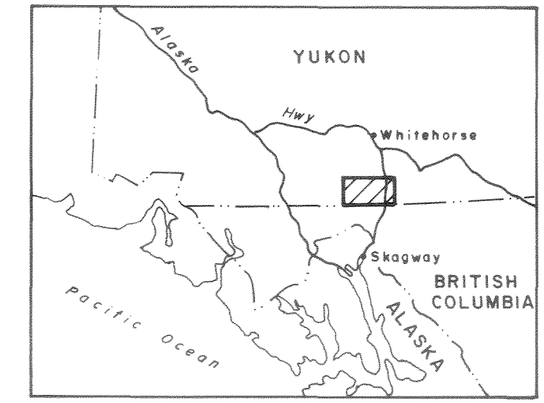
MONTANA MTN.

Arm

Windy

Partridge R.

N



LOCATION MAP

SCALE : 1: 250,000

4 2 0 4 8 12 16

Km

SKUKUM GOLD INC.

DAY 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

TABLE 1: - CLAIM STATUS (cont.)

Claim Name	Grant Numbers	Recording Date	Renewal Period	Total Claims
DAY 61 - 83	YB06801-823	AUG 04,1987	NOV 04,1989*	23
DAY 84 - 99	YB07430-445	AUG 04,1987	NOV 04,1989*	16

* pending acceptance of this report

The claims are shown on Claim Sheet 105D/4. All the claims are 100% owned by Island Mining and Explorations Company Ltd., of Vancouver, B.C..

1.4 PREVIOUS WORK HISTORY

The Geological Survey of Canada conducted a regional geochemical stream sediment survey in 1985 (G.S.C.,1985) and sampled six of the creeks draining the DAY claims. Anomalous values for copper, lead, zinc, arsenic, silver and gold were found in three of the samples.

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

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

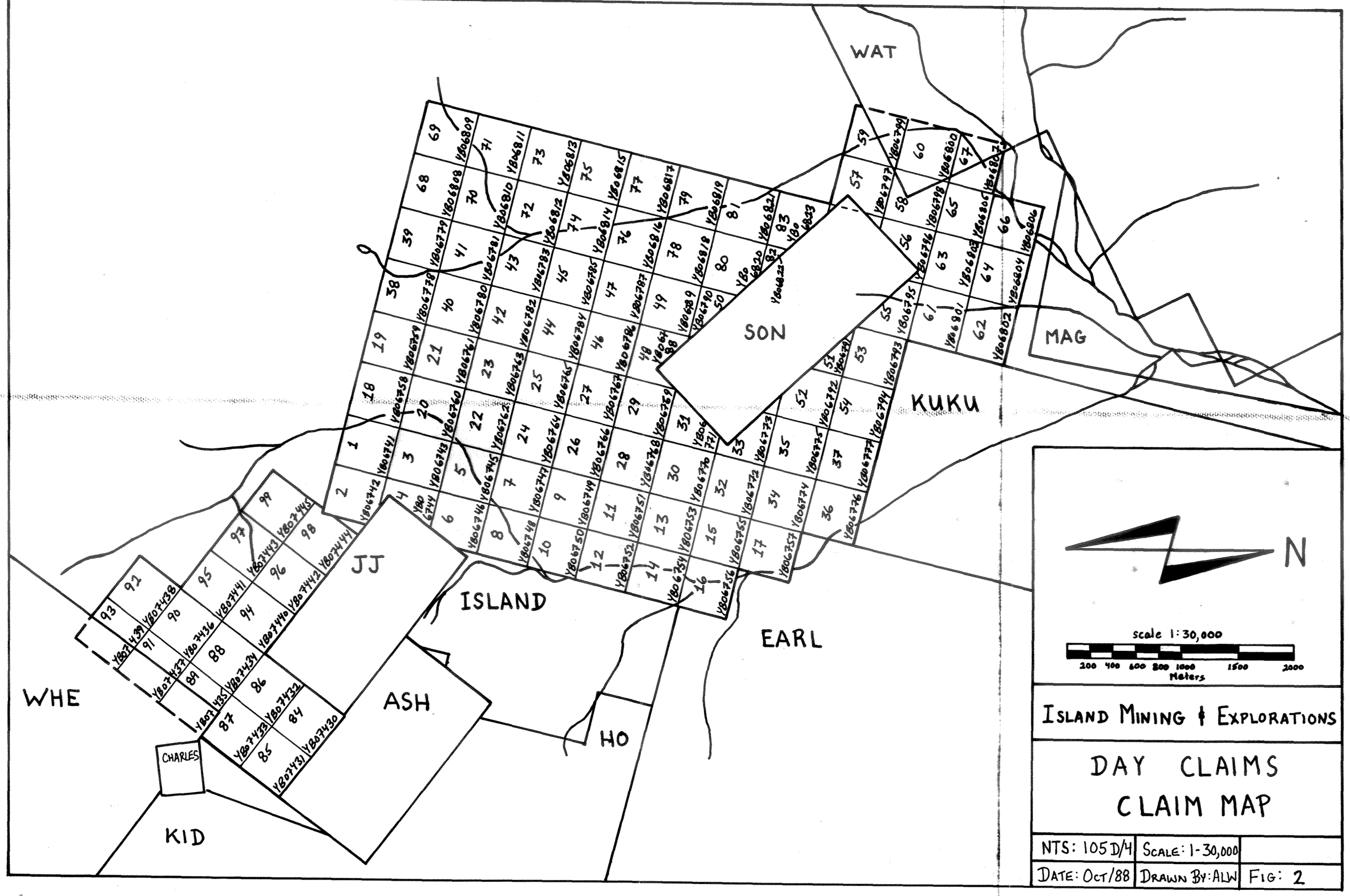
Island Mining, Skukum Gold and several other companies are conducting exploration work throughout the Wheaton and Watson River areas.

1.5 1988 WORK PROGRAM

A preliminary exploration program was carried out by a four person crew intermittently between May 19 and September 26, 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 silt sampling and talus fines sampling.

The 1988 work program was conducted by the following Island Mining and Explorations Ltd. personnel:



ISLAND MINING & EXPLORATIONS

DAY CLAIMS
CLAIM MAP

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

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

2. GEOLOGY

2.1 REGIONAL GEOLOGY

The regional tectonic setting is presented in Figure 3.

The DAY 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 Mount Skukum Volcanic Complex of Eocene age, is the more northerly of the two pockets of Skukum Group volcanics. It is divided into seven volcanic cycles and is made up of predominantly felsic to andesitic tuffs and flows and related epiclastics. Doming and collapse of the Mount Skukum Caldera has resulted in the development of an apical graben structure with a strong northeast trend (Doherty et al, 1988).

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

2.2 PROPERTY GEOLOGY

Property geology is presented on Map 1.

The DAY claims are underlain by Cretaceous grey, medium to coarse grained, hornblende $\pm$ biotite granodiorite (Kgd) of the Coast Mountain Plutonic Complex, as well as roof pendants of Proterozoic to Permian quartz-feldspar-biotite-muscovite gneisses, schists and quartzites of the Yukon Group (HCsn). The Yukon Group and Coast Mountain Plutonic Complex have been intruded by Eocene rhyolitic dykes of the Mount Skukum Volcanic Complex (Erd).

FIGURE 3: - REGIONAL TECTONIC SETTING

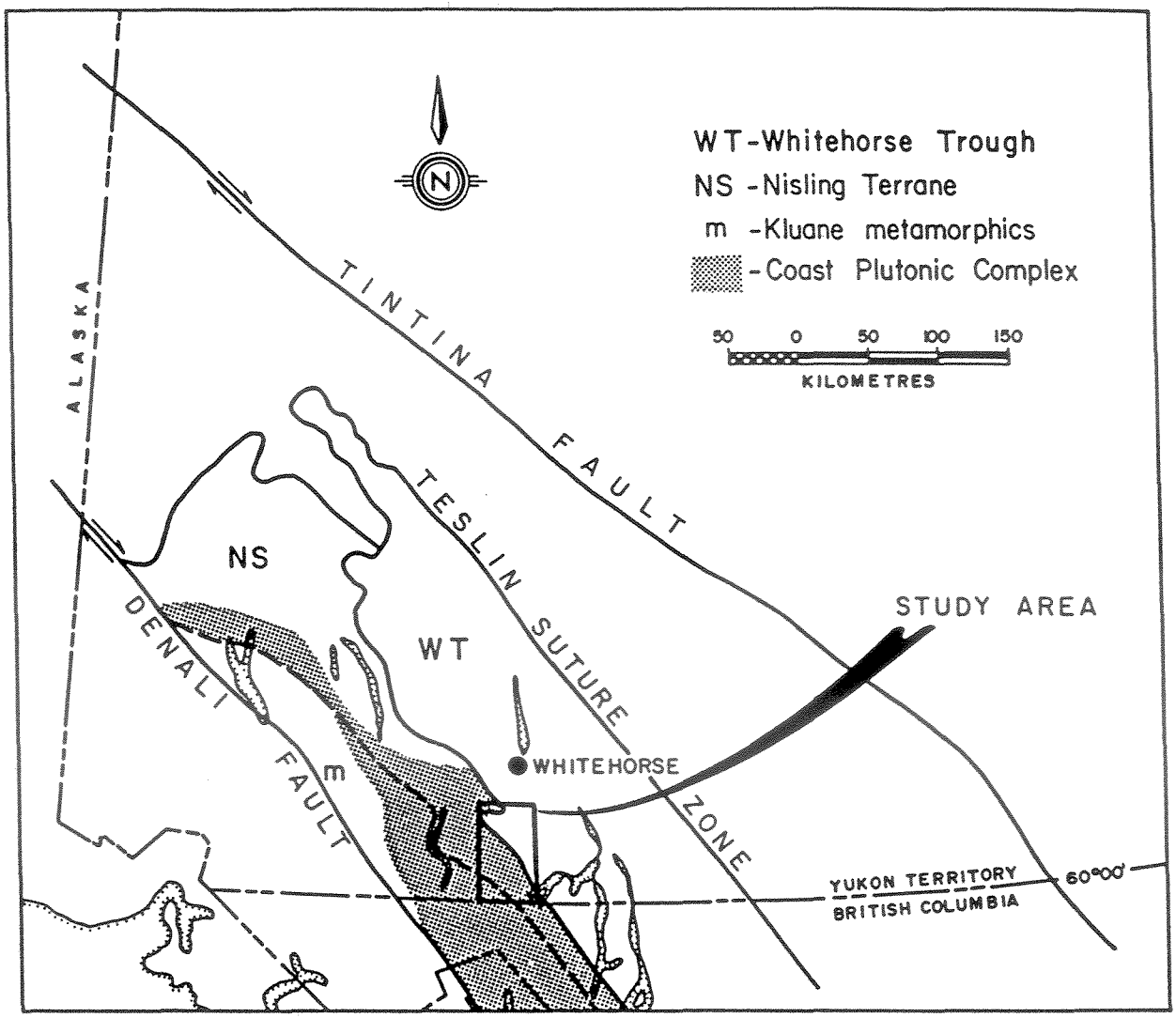


TABLE 2: - TABLE OF FORMATIONS

QUATERNARY
PLEISTOCENE AND RECENT

Q.....Glacial drift and alluvium.

Unconformity

TERTIARY

EOCENE
SKUKUM GROUP

Erd.....Rhyolite dyke.

Intrusive contact

CRETACEOUS

COAST PLUTONIC COMPLEX

Kgd.....Granodiorite.

Intrusive contact

PALEOZOIC AND OLDER

YUKON GROUP

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

3. GEOCHEMISTRY

3.1 INTRODUCTION

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 344 talus fines samples, 6 silt samples and 41 rock samples were collected.

Sample locations are presented in Map 1. Anomalous geochemistry and mineralized showings are presented in Map 2. Geochemical analysis and assay certificates are presented in Appendix 2.

3.2 SAMPLE PREPARATION AND ANALYTICAL PROCEDURE

Talus fines and silt samples were collected in KRAFT gussetted paper bags and sent to ACME ANALYTICAL LABS of

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

3.3 TREATMENT AND PRESENTATION OF RESULTS

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

TABLE 3: - STATISTICAL SUMMARY OF ANOMALIES

	Mean (x) talus fines	Threshold x+2s	Anomalous x+3s	Strongly Anomalous x+4s
Cu	36 ppm	240-341 ppm	342-443 ppm	+444 ppm
Pb	23 ppm	119-166 ppm	167-214 ppm	+215 ppm
Zn	142 ppm	668-930 ppm	931-1193ppm	+1194 ppm
As	14 ppm	136-196 ppm	197-257 ppm	+258 ppm
Ag	0.3 ppm	1.7-2.3 ppm	2.4-3.0 ppm	+3.1 ppm
Au	2 ppb	18-25 ppb	26-33 ppb	+34 ppb

3.4 MINERALIZATION & ROCK GEOCHEMISTRY

Rock sample descriptions are presented in Appendix 1.

To date four mineral occurrences have been found on the property.

TABLE 4: - ANOMALOUS ROCK SAMPLES

Sample #	silver ppm	gold ppb	lead ppm	zinc ppm	arsenic ppm	copper ppm
5G-6R2	4.26 oz/ton	0.124 oz/ton	520		15.05%	128
5G-9R1	2.8	275	1812	514		
5G-4R12	10.2	23	2660	7948		410
5G-4R13	4.1	46	1102	1382		
5G-4R16	3.1			557		1574
5G-5F3		92			1588	
5G-10R6		56			4081	

The first showing, in the east central portion of the claims, is a weakly brecciated, five to ten centimeter wide quartz vein with arsenopyrite mineralization. Propyllitic alteration of granodiorite, up to one meter wide, surrounds the vein. At present, the showing has not been traced over any distance. Assays of 15.05% arsenic, 4.26 ounces per ton (146.1 gm./tonne) silver and 0.124 ounces per ton (4.25 gm./tonne) gold were obtained from the one grab sample taken from the showing. The vein attitude is 010/65 W.

The second showing, also in the east central portion of the claims, consists of disseminated euhedral crystals of pyrite and galena in micaceous quartz veins within gneissic quartzite of the Yukon Group. The showing has not been traced for any distance. The one sample from the showing analyzed 1,812 ppm lead, 514 ppm zinc, 2.8 ppm silver and 275 ppb gold.

The third showing, in the northeastern portion of the claims, consists of a massive pyrrhotite vein up to 30 centimeters wide with minor pyrite and chalcopyrite mineralization. The vein has been traced for 25 meters and analyzed 1,574 ppm copper, 557 ppm zinc and 3.1 ppm silver. Some euhedral quartz veining parallels the structure, however no mineralization is present in this veining. Attitude of the veins is 120/70 NE.

The last showing, in the northeast facing cirque in the north portion of the claims, consists of a shear zone two to four meters wide in Yukon Group. Within the zone is quartz-carbonate veining and alteration, with sphalerite, galena and pyrite mineralization. Limonitic boxwork weathering commonly replaces sulphides. Sample 5G-4R11 is a 0.7 meter wide quartz vein within the shear zone and is slightly anomalous in gold (47 ppb). Samples 5G-4R12 and 5G-4R13 are taken from the mineralized zone or alteration of the mineralized zone and analyzed 410 ppm copper, 2,660 ppm lead, 7,948 ppm zinc,

10.2 ppm silver, 23 ppb gold and 1,102 ppm lead, 1,382 ppm zinc, 4.1 ppm silver, 46 ppb gold respectively. The shear zone is traceable for approximately 25 meters and disappears under talus in both directions.

Two other rock samples on the property were anomalous in arsenic and weakly anomalous in gold. Sample 5G-10R6 analyzed 4,081 ppm arsenic and 56 ppb gold. Sample 5G-5F3 analyzed 1,588 ppm arsenic and 92 ppb gold.

3.5 STREAM SEDIMENT GEOCHEMISTRY

In the north portion of the claims are four anomalous stream sediment silt samples from the 1988 program, as well as two samples from the government stream sediment program in 1985 (G.S.C., 1985). Five of these samples are in a north draining creek and the remaining sample is in the creek draining the northeast cirque. All of these samples are anomalous in copper ($\leq$250 ppm), and some are anomalous in zinc ($\leq$630 ppm), arsenic ($\leq$35.3 ppm), silver ($\leq$0.7 ppm) and gold ($\leq$77 ppb). One stream sediment sample from the government program is anomalous in lead (34 ppm) and arsenic (25.2 ppm) in the southern portion of the claims.

TABLE 5: - ANOMALOUS STREAM SEDIMENT SAMPLES

Sample #	silver ppm	gold ppb	lead ppm	zinc ppm	arsenic ppm	copper ppm
5G-4L1		77		207	25	99
5G-10L8						66
5G-10L9	0.7			203		90
5G-10L10	0.6			172		73
GSC-1		46		200	35.3	140
GSC-2	0.6	10		630	25.8	250
GSC-3		7	34		25.2	

3.6 TALUS FINES GEOCHEMISTRY

The southern portion of the claims contain no geochemical anomalies.

In the central west portion of the claims are two anomalous talus fines 50 meters apart that are at the threshold for copper (329 ppm) - zinc (739 ppm) and copper (273 ppm) - silver (2.1 ppm) respectively.

One kilometer to the north-northwest is a cluster of nine anomalous samples. Six of these samples are at the threshold or are strongly anomalous in copper ($\leq$801 ppm), five are at the threshold or are strongly anomalous in zinc ($\leq$1,304 ppm), three are at the threshold for silver ($\leq$2.0 ppm), and one is

at the threshold for lead (≤130 ppm). This anomaly extends over 700 meters.

At the north end of the claims around the north draining creek is a scatter of six anomalies. Of the six anomalies, two are anomalous or strongly anomalous in arsenic (≤278 ppm) and are 50 meters apart. Of the remaining four samples, three are at the threshold for copper (≤322 ppm) , two are strongly anomalous in gold (≤98 ppb), and one is at the threshold for silver (≤1.7 ppm).

At the north end of the claims, on the edge of the northeast facing cirque, is a cluster of five anomalous samples that extends for 200 meters. One sample is strongly anomalous in lead (616 ppm), zinc (2,719 ppm) and silver (5.7 ppm). Of the remaining four samples, all are strongly anomalous or at the threshold for gold (≤83 ppb), two samples are anomalous or strongly anomalous in copper (≤718 ppm), and one is anomalous in silver (2.6 ppm).

In the central east portion of the claims, south of the above cirque, is a spread out cluster of six good anomalous samples over 500 meters. One sample is strongly anomalous in copper (1,666 ppm), lead (233 ppm), zinc (4,550 ppm) and silver (15.1 ppm) and at the threshold for arsenic (162 ppm) and gold (23 ppb). Another sample is strongly anomalous in copper (630 ppm) and zinc (1,430), and a third sample is strongly anomalous in silver (5.5 ppm), arsenic (359 ppm) and gold (52 ppb) and at the threshold for zinc (715 ppm). The fourth sample is anomalous in silver (2.7 ppm) and gold (29 ppb), and the remaining two samples are at the threshold for gold (31 ppb) and copper (242 ppm) respectively.

Four hundred meters south is another cluster of seven anomalous samples that are spread out over 400 meters. These samples are at the threshold for copper (≤340 ppm) and one sample is also at the threshold for silver (1.8 ppm).

Five hundred meters further south is a cluster of three anomalous samples over 150 meters. One sample is strongly anomalous in gold (35 ppb) and the other two samples are both at the threshold for copper (≤291 ppm) and are at the threshold for gold (19 ppb) and silver (1.9 ppm) respectively.

Besides the above samples, there are also four spot anomalies that are at the threshold for copper and/or zinc and/or silver and/or gold.

4. DISCUSSION

Work in the southern portion of the claims has not turned up anything encouraging except for the rather small arsenopyrite showing with sub ore grade silver and gold. In the vicinity

of the showing, there is no talus fines geochemical signature.

Further to the north, both the north facing creek and the northeast facing cirque are anomalous in multi-elements. There are four worthy clusters of talus fines anomalies throughout this area. Small base metal showings have been found, however these are not of any substantial size or grade. This area warrants further work.

5. 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 DAY group of mineral claims during the summer of 1988.

The DAY claims are on the edge of the Mount Skukum Volcanic Complex. There are numerous epithermal and mesothermal style gold-silver-lead-zinc-arsenic-antimony showings and deposits within this complex and the potential for finding similar mineral deposits is good.

Strong multi-element talus fines and stream sediment anomalies exist on the north half of the claim block. Two small base metal showings have also been found in this area.

One small arsenopyrite showing was found in the east central portion of the claims and contains sub ore grade assays of 15.05% arsenic, 4.26 ounces per ton (146.1 gm./tonne) silver and 0.124 ounces per ton (4.25 gm./tonne) gold. There is no talus fines geochemical signature of this anomaly.

Additional prospecting and preliminary mapping of the arsenopyrite showing and the northern portion of the claim block is recommended. Further talus fines sampling of an exploratory nature is warranted in these areas as well.

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 & 1:50,000 scale maps.

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

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

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

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

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

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

7. STATEMENT OF EXPENDITURES

Salaries and Camp Costs:		
Project Geologist:	6 days @ 265. per day.	$1,590.00
Geologist:	1 days @ 220. per day.	$ 220.00
Geologist:	5 days @ 175. per day.	$ 875.00
Field Assistants:	17 days @ 110. per day.	$1,870.00
Room and Board:	28 days @ 50. per day.	$1,400.00
Truck Rental:		
6 days @ $60. per day.		$ 360.00
Analytical Costs:		
Talus Fines:	344 @ $ 9.85 per sample.	$3,388.40
Silt Samples:	6 @ $ 9.85 per sample.	$ 59.10
Rock Samples:	39 @ $12.00 per sample.	$ 468.00
Rock Samples:	2 @ $13.75 per sample.	$ 27.50
Rock Samples (Assays):		$ 19.00
Shipping Costs:		$ 250.00
Helicopter Costs:		
Hughes 500D:		$2,902.80
Drafting Costs:		$ 450.00
Miscellaneous Costs:		$ 400.00
TOTAL EXPLORATION COSTS:		**$14,279.80**

8. 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 Island Mining and Explorations Company's DAY claims program.

4) I was involved with the work performed on the DAY 1 - 99 Claims in summer of 1988 and am co-author of this report.

Dated this twenty-first **day of** December, **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 the mineral exploration industry since 1980 in Ontario, Saskatchewan, the Northwest Territories, British Columbia and the Yukon Territory.

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

Dated this **sixth** day of **January, 1989.**

Hugh F. MacKinnon, B.Sc.

APPENDIX 1: - SAMPLE DESCRIPTIONS.

SKUKUM GOLD INC. - ACW.
PROPERTY : DAY CLAIMS - 5G

SAMPLE #	DATE	LOCATION	DESCRIPTIONS
5G-4R1	7-AUG-88	North end of Day Claims	1m. wide bull white to glassy QZ VEIN - quartz sweat of Yukon Group.
4R2	"	"	Smokey massive QZ to bull white QZ VEIN - 80cm wide - // to shearing in gully fault
4R3	"	"	Honey coloured QZ vein - slightly gossanous. - subcrop.
4R4	"	"	Smokey to bull white QZ vein 1m. wide - Slightly gossanous
4F1	"	"	Sugary textured buff to white coloured QZ-VEIN - slightly gossanous
4F2	"	"	"
4R5	"	"	QZ VEIN with pyritic altn in Yukon Group. ½m. wide zone
4R6	"	"	"
5G-10F1		South ridge	Sugary white quartz vein Minor dis. pyrite in Yukon Group.
10F2		"	As above.

SKUKUM GOLD INC. -
PROPERTY : DAY CLAIMS (5g)

SAMPLE #	DATE	LOCATION	DESCRIPTIONS
5g · 9R1	15 - JULY - 88	" "	Mineralized zone - GNEISSIC rusty coloured, gneiss of mica & quartz with pyrite and galena crystals and possible trace bornite. It appears to trend 016° though contact is not obvious. - 2metres wide bounded by quartzite bands which are ~4cm in width.
5g - 6R10	18-JULY-88	Northeast slopes.	Bright yellow to orange gossan. Siliceous - drussy and sugary quartz in fractures. Host is Yukon Group, no sulphides.
5G - 6R11	"	"	As above.
5g - 6R1	19-July-88	SOUTH EASTERN SLOPES	RUSTY Redish ORANGE, VUGGY, slightly LIMONITIC Kgd.
5g - 6R2	19-July-88	" " "	Mod sheared & weakly brecciated 5-10 cm wide strongly altered redish-orangy brown, VUGGY Kgd, vein? Hosts up to 10% dull greyish ~~metallic~~ arsenopyr ~~Mineral (SPHALERITE?)~~, MAY host TR. Mal. chloritization of matic present, MAY also be weakly sericitized, SULPHIN SPOTTY. Attitude 190°/65° NW. Alt zone wider trends same way.
5g - 6R3	19-JULY-88	" " "	Redish orangy altered Kgd, chloritized VUGGY along fracts, w well formed drusy QZ w IN VUGS.

SKUKUM GOLD INC. -
PROPERTY : DAY CLAIMS 59

SAMPLE #	DATE	LOCATION	DESCRIPTIONS
59-6R4	14-JUL-88	South Eastern slopes	Quartzite lens, minor rust, no sulf min^{s} nor alt^{n}, $\bar{w}$ in Hesn
59-6R5	15-JUL-88	Western slopes	Yellowish orangy weathered, med. gr. granular Rhyolite $\bar{w}$ stgrs. of chlor mafics, limonitic. Host tr-1% py. Alt zone trends 190°
59-6R6	"	" "	orangy yellowish weathered med. gr. Limonitic Tth. Hosts up to 2% cubic py. 192°/60°SW dyke.
59-6R7	16-JULY-88	" "	Weakly chloritized Bio-Qtz gneiss gossanous orangy red, some limonite, no sulf visible.
59-6R8	"	" "	Strongly altered or weathered? Rusty orangy to yellow, Limonitic Bio-schist no sulf visible.
59-6F1	18-JUL-88	" "	rusty orangy to pale dull green-weathered silicified almost rhyo-dacitic rock. Host tr-py & a du greyish metallic min. finely diss.
59-6R9	"	" "	Pale greenish grey mixed $\bar{w}$ orangy red weathered, pale grn to du greyish fresh fine gr. siliceous, weak to mod. sericite weak brx in place rhyo-dacitic dyke; hosts tr py (possible fine diss sulf) in du greyish siliceous parts. dyke $\tilde{=}$ 230°/75°NW

SKUKUM GOLD INC. - SAMPLE DESCRIPTIONS

PROJECT: Dag 5g
SAMPLER: JO : Erik

SAMPLE NUMBER	DATE	LOCATION	SAMPLE DESCRIPTIONS
	Sept 26		
10s50			
to		SE-Fraction	Soil line along
10s95			draw. Sxx map.
5g-5F1	Sept. 26	S.W. corner	1-2 cm wide quartz
		of claims	vein float. Glassy coarsely
		el. 5590'	crystalline qtz w/ minor
			wad stained vugs & tr <1mm py.
5g-5F2	"	el. 5225' "	Coarsely xtalline euhedral qtz
			and calcite (bladed) xtals in
			vuggy veins. Strong chlor. tic
			altn. Veins up to 1.5cm.
5g-5F3	"	el. 5440' "	Rusty orange weathered
			pyritic (4% -1mm py)
			granodiorite. 4x8cm float
			pebbles
5g-5L1	"	"	stream sediment near
		5520'	edge of claims

SKUKUM GOLD INC. - SAMPLE DESCRIPTIONS

PROJECT: DAY -5G 1988.
SAMPLER: ANDREW WICKINS

SAMPLE NUMBER	DATE	LOCATION	SAMPLE DESCRIPTIONS
5G-4R11	88 26-SEP	DAY - EAST	70cm wide Bull white Qz vein
		elv 5500'	fractured & graphitic with ~~HS~~
			sericite. 130/75NE.
4R12	"	"	2-4m wide shear zone
		elv 5510	QZ-CB veining and altn
			within zone, Some CY
			altn, MN staining, Boxwork
			weathering of sulphides (GL, SL
			and PY)
4R13	"	elv 5505'	CB altn - gossanous -
			MN stained in same shear
			as 4R12.
4R14	"	elv 5510'	Graphitic and CB altered,
			slightly gossanous - in
			above shear.
4R15	"	elv 5210'	above 2591 - Gossanous
			bull white qz vein,
			occasionally vuggy and
			euhedral. 3 parallel
			veins 5cm in width.
			120/70NE.
4R16	"	elv 5230'	Massive PR with PY & CP -
			up to 30cm wide, within
			Yukon Group - some Qz veining

APPENDIX 2: - ANALYTICAL RESULTS.

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

DATE RECEIVED: NOV 8 1988

DATE REPORT MAILED: Nov 15/88

ASSAY CERTIFICATE

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

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

SKUKUM GOLD INC. PROJECT-5G FILE # 88-2949R

SAMPLE#	As %	Ag** OZ/T
88-5G-6R-2	15.05	4.26

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

DATE RECEIVED: AUG 4 1988
DATE REPORT MAILED: Aug. 10/88.

ASSAY CERTIFICATE

- SAMPLE TYPE: Pulp AU** BY FIRE ASSAY FROM 1/2 A.T.

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

SKUKUM GOLD INC. PROJECT 5G FILE # 88-2949R
DAY CLAIMS.

SAMPLE#	AU** oz/t
88-5G-6R-2	.124

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

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

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

SKUKUM GOLD INC. PROJECT 5G FILE # 88-2946 Page 1
DAY CLAIMS → Isl. Mng.

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
88-5G-2S-52	329	28	739	1.1	20	7
88-5G-2S-53	273	38	327	2.1	9	6
88-5G-2S-54	16	21	112	.2	11	1
88-5G-2S-55	11	29	117	.1	8	1
88-5G-2S-56	14	18	100	.2	6	1
88-5G-2S-57	15	22	125	.2	54	3
88-5G-2S-58	14	20	99	.3	10	2
88-5G-2S-59	13	19	116	.1	10	2
88-5G-2S-60	10	21	124	.3	6	1
88-5G-2S-61	11	21	129	.2	9	2
88-5G-2S-62	20	18	169	.2	4	1
88-5G-2S-63	68	20	314	.4	14	2
88-5G-2S-64	18	25	192	.1	10	1
88-5G-2S-65	20	26	187	.4	8	2
88-5G-2S-66	37	25	172	.2	13	2
88-5G-2S-67	126	23	189	.8	18	1
88-5G-2S-68	81	19	253	.5	13	8
88-5G-2S-69	133	18	244	.5	8	1
88-5G-2S-70	230	23	760	.8	11	1
88-5G-2S-71	90	23	228	.5	11	1
88-5G-2S-72	237	20	248	1.0	21	6
88-5G-2S-73	503	42	923	1.1	12	2
88-5G-2S-74	155	130	688	.6	77	4
88-5G-2S-75	801	42	524	1.8	31	11
88-5G-2S-76	151	32	222	.8	47	6
88-5G-2S-77	107	19	229	.6	23	1
88-5G-2S-78	257	23	296	.5	20	5
88-5G-2S-79	224	17	716	1.0	4	2
88-5G-2S-80	436	30	512	2.0	15	10
88-5G-2S-81	253	25	1304	1.8	35	2
88-5G-2S-82	107	15	279	.4	3	3
88-5G-2S-83	130	13	213	.7	3	5
88-5G-2S-84	158	14	283	.6	6	3
88-5G-2S-85	162	13	269	.4	5	2
88-5G-2S-86	250	20	228	.8	9	11
88-5G-2S-89	196	31	504	.9	49	5
STD C/AU-S	57	40	132	7.1	39	50

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
88-5G-2S-90	236	21	353	.4	62	31
88-5G-2S-91	1666	233	4550	15.1	162	23
88-5G-2S-92	242	20	386	.8	35	7
88-5G-2S-93	123	25	417	.6	15	2
88-5G-2S-94	144	22	386	.5	22	7
88-5G-2S-95	110	65	660	2.7	131	29
88-5G-2S-96	156	115	715	5.5	359	52
88-5G-2S-97	142	33	345	.6	38	10
88-5G-2S-98	84	21	405	.2	21	1
88-5G-2S-99	209	41	518	1.2	39	13
88-5G-2S-100	630	27	1430	.7	19	10
88-5G-2S-101	177	18	268	.4	11	1
88-5G-2S-102	35	13	100	.1	6	2
88-5G-2S-103	51	13	109	.5	5	1
88-5G-2S-104	224	18	429	.7	24	7
88-5G-2S-105	221	16	385	.7	29	3
88-5G-2S-106	241	20	414	.7	26	25
88-5G-2S-107	125	18	220	.5	5	2
88-5G-2S-108	151	15	155	.5	39	22
88-5G-2S-109	156	27	260	.8	216	83
88-5G-2S-110	183	13	147	.5	32	9
88-5G-2S-111	345	44	403	1.2	103	56
88-5G-2S-112	215	25	265	1.2	93	5
88-5G-2S-113	231	17	245	.8	60	6
88-5G-2S-114	105	57	217	.1	42	11
88-5G-2S-115	94	24	215	.5	53	5
88-5G-2S-116	144	67	503	1.4	74	1
88-5G-2S-117	107	27	213	.5	52	3
88-5G-2S-118	84	33	209	.5	40	9
88-5G-2S-119	121	31	254	.5	66	9
88-5G-2S-120	102	14	121	.4	20	6
88-5G-2S-121	114	24	272	.5	34	2
88-5G-2S-122	118	52	292	.7	88	16
88-5G-2S-123	94	32	205	.2	35	98
88-5G-2S-124	97	25	218	.5	59	11
88-5G-2S-125	170	22	177	.4	8	2
STD C/AU-S	58	36	132	7.1	38	52

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
88-5G-2S-126	301	27	545	1.7	47	3
88-5G-2S-127	232	20	221	.8	80	7
88-5G-2S-128	86	20	182	.2	13	4
88-5G-2S-129	118	18	228	.4	17	3
88-5G-2S-130	91	14	166	.4	29	8
88-5G-2S-131	101	21	235	.4	22	3
88-5G-2S-132	125	35	277	.8	70	7
88-5G-6S-2	146	17	160	.5	28	8
88-5G-6S-3	123	15	183	.4	11	7
88-5G-6S-4	130	18	198	.6	8	1
88-5G-6S-5	124	17	168	.3	17	2
88-5G-6S-6	123	18	183	.5	9	1
88-5G-6S-7	79	28	180	.5	13	3
88-5G-6S-8	130	21	123	.5	3	1
88-5G-6S-9	245	56	766	.9	20	4
88-5G-6S-10	88	26	175	.1	4	1
88-5G-6S-11	124	22	170	.5	32	1
88-5G-6S-12	122	70	173	.7	99	5
88-5G-6S-13	143	17	270	.4	12	3
88-5G-6S-14	91	17	99	.8	2	13
88-5G-6S-15	171	15	171	.6	6	1
88-5G-6S-16	106	20	79	.9	3	1
88-5G-6S-17	248	31	98	1.9	12	16
88-5G-6S-18	185	31	91	1.5	2	3
88-5G-6S-19	291	19	190	.9	16	19
88-5G-6S-20	146	16	199	.6	35	35
88-5G-6S-21	167	16	184	.4	3	1
88-5G-6S-22	133	18	152	.5	3	1
88-5G-6S-23	133	32	147	.4	14	1
88-5G-6S-24	242	21	166	.4	13	2
88-5G-6S-25	329	25	195	.5	5	1
88-5G-6S-26	192	33	262	.8	69	7
88-5G-6S-27	340	35	417	1.8	26	5
88-5G-6S-28	159	16	194	.7	12	1
88-5G-6S-29	194	32	370	.9	44	2
88-5G-6S-30	253	33	539	1.0	40	5
STD C/AU-S	57	39	132	7.1	38	51

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
88-5G-6S-31	246	68	584	1.6	56	1
88-5G-6S-32	266	40	535	1.6	127	4
88-5G-6S-33	247	18	216	.7	27	5
88-5G-6S-34	191	16	269	.7	6	1
88-5G-6S-35	226	7	102	.3	3	4
88-5G-6S-36	221	17	205	.6	5	3
88-5G-10S-05	322	17	136	.5	18	1
88-5G-10S-10	253	36	390	.7	107	47
88-5G-10S-11	154	35	273	.7	30	10
88-5G-10S-12	92	17	160	.2	13	2
88-5G-10S-13	144	24	358	.9	34	2
88-5G-10S-14	112	13	118	.6	202	16
88-5G-10S-15	171	27	326	1.5	278	10
88-5G-10S-16	217	42	572	.4	12	3
88-5G-10S-17	192	25	250	.5	19	1
88-5G-10S-18	102	14	188	.1	6	6
88-5G-10S-19	70	21	164	.4	14	5
88-5G-10S-20	96	22	183	.4	57	4
88-5G-10S-21	96	34	183	.6	38	3
88-5G-10S-22	128	16	240	.6	96	14
88-5G-10S-23	64	20	167	.5	25	1
88-5G-10S-24	116	20	166	.7	29	1
88-5G-10S-25	74	25	178	.9	21	1
88-5G-10S-26	93	17	196	.6	37	1
88-5G-10S-27	195	18	254	.7	21	2
88-5G-10S-28	205	23	531	1.2	24	6
88-5G-10S-29	114	27	242	.7	8	1
88-5G-10S-30	113	13	199	.4	28	1
88-5G-10S-31	79	17	225	.3	23	1
88-5G-10S-32	107	26	257	1.3	22	2
88-5G-10S-33	123	31	246	1.0	52	6
88-5G-10S-34	110	24	265	.4	26	5
88-5G-10S-35	322	38	448	1.7	29	2
88-5G-10S-36	131	21	237	.7	64	7
88-5G-10S-37	173	25	268	1.0	38	11
88-5G-10S-38	151	12	313	.6	5	1
88-5G-10S-39	176	15	371	.6	3	2
STD C/AU-S	58	40	132	7.1	37	50

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
88-5G-10S-44	169	16	300	.7	8	23
88-5G-10S-45	112	15	259	.5	12	4
88-5G-10S-46	103	11	256	.4	12	5
88-5G-10S-47	100	16	263	.5	12	7
88-5G-10S-48	119	12	257	.3	11	13

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

DATE RECEIVED: JUL 25 1988
DATE REPORT MAILED: Aug. 3/88

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-P2 SOIL P3 SOIL/SILT P4 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 5G FILE # 88-2949 Page 1

DAY CLAIMS. — Island Mining

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
88-5G-2S-1	12	17	90	.1	9	5
88-5G-2S-2	11	22	102	.1	14	2
88-5G-2S-3	3	15	76	.1	4	3
88-5G-2S-4	8	16	81	.1	6	2
88-5G-2S-5	3	14	68	.1	2	1
88-5G-2S-6	9	22	103	.1	4	1
88-5G-2S-7	3	15	73	.1	3	1
88-5G-2S-8	3	17	62	.1	2	1
88-5G-2S-9	5	19	92	.1	3	2
88-5G-2S-10	8	32	121	.1	5	1
88-5G-2S-11	6	17	83	.1	3	1
88-5G-2S-12	6	17	86	.1	5	1
88-5G-2S-13	6	24	94	.1	4	2
88-5G-2S-14	15	47	130	.2	69	4
88-5G-2S-15	6	19	90	.1	12	1
88-5G-2S-16	9	32	108	.2	11	2
88-5G-2S-17	1	17	72	.1	8	1
88-5G-2S-18	7	25	120	.1	3	1
88-5G-2S-19	10	23	107	.1	6	1
88-5G-2S-20	4	22	91	.1	9	1
88-5G-2S-21	11	21	88	.1	8	2
88-5G-2S-22	6	18	67	.1	5	1
88-5G-2S-23	10	26	98	.1	9	2
88-5G-2S-24	7	20	73	.1	7	1
88-5G-2S-25	1	31	94	.1	4	2
88-5G-2S-26	8	39	98	.1	11	2
88-5G-2S-27	5	23	72	.1	3	1
88-5G-2S-28	3	22	74	.1	7	1
88-5G-2S-29	2	23	64	.1	7	1
88-5G-2S-30	5	25	66	.1	24	3
88-5G-2S-31	6	18	85	.1	14	1
88-5G-2S-32	11	25	175	.2	71	2
88-5G-2S-33	6	17	109	.1	15	1
88-5G-2S-34	7	17	107	.2	14	1
88-5G-2S-35	14	22	146	.1	8	1
88-5G-2S-36	7	21	153	.1	6	5
STD C/AU-S	58	35	132	6.6	42	53

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
88-5G-2S-37	10	20	94	.1	7	1
88-5G-2S-38	8	14	83	.3	3	1
88-5G-2S-39	13	21	137	.3	7	1
88-5G-2S-40	6	16	109	.1	5	2
88-5G-2S-41	10	21	120	.3	8	1
88-5G-2S-42	6	19	69	.1	6	1
88-5G-2S-43	9	24	113	.2	3	1
88-5G-2S-44	9	19	98	.1	6	1
88-5G-2S-45	11	31	95	.1	12	1
88-5G-2S-46	14	23	101	.1	9	1
88-5G-2S-47	6	12	79	.1	14	3
88-5G-2S-48	19	25	102	.3	13	1
88-5G-2S-49	5	29	113	.1	7	1
88-5G-2S-50	10	21	115	.1	8	2
88-5G-2S-51	10	23	122	.3	12	1
88-5G-2S-53	10	14	69	.2	6	1
88-5G-6S-1	122	21	268	.9	9	5
88-5G-9S-1	23	42	168	.1	20	1
88-5G-9S-2	11	17	71	.1	3	3
88-5G-9S-3	15	31	84	.1	3	1
88-5G-9S-4	13	28	92	.2	3	1
88-5G-9S-5	15	33	147	.2	4	1
88-5G-9S-6	13	17	125	.2	21	1
88-5G-9S-7	17	20	132	.2	8	2
88-5G-9S-8	12	16	84	.2	7	1
88-5G-9S-9	15	21	105	.1	6	1
88-5G-9S-10	9	15	88	.1	5	1
88-5G-9S-11	13	18	115	.3	7	2
88-5G-9S-12	11	18	94	.1	4	1
88-5G-9S-13	8	18	90	.1	6	1
88-5G-9S-14	10	15	84	.1	5	1
88-5G-9S-15	11	21	119	.1	6	1
88-5G-9S-16	14	23	121	.1	5	1
88-5G-9S-17	15	16	100	.2	6	1
88-5G-9S-18	16	17	111	.1	10	2
88-5G-9S-19	9	14	84	.2	6	1
88-5G-9S-20	8	16	90	.2	4	1
STD C/AU-S	58	36	132	7.1	37	53

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716 DATE RECEIVED: JUL 25 1988
DATE REPORT MAILED: Aug 2/88..

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1 SILT P2 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 5G FILE # 88-2948 Page 1
DAY CLAIMS.

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
88-5G-4L-1	99	23	207	.3	25	77
88-5G-10L-08	66	11	123	.3	15	1
88-5G-10L-09	90	20	203	.7	18	2
88-5G-10L-10	73	16	172	.6	21	1
STD C	58	41	132	6.7	36	-

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
88-5G-4F-1	5	2	2	.2	3	1
88-5G-4F-2	3	2	6	.2	5	1
88-5G-4R-1	1	2	1	.1	2	1
88-5G-4R-2	11	2	9	.1	2	4
88-5G-4R-3	1	2	1	.1	2	1
88-5G-4R-4	6	2	1	.1	2	1
88-5G-4R-5	4	2	1	.1	2	1
88-5G-4R-6	191	24	69	.6	4	22
88-5G-6F-1	155	17	135	.6	2	1
88-5G-6R-7	39	5	29	.3	2	1
88-5G-6R-8	70	5	140	.7	2	1
88-5G-6R-9	20	3	36	.7	460	4
88-5G-6R-10	80	4	31	.9	4	66
88-5G-6R-11	137	6	11	1.8	2	17
STD C/AU-R	58	40	132	7.1	37	525

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
88-5G-9S-21	10	12	85	.1	8	1
88-5G-9S-22	12	15	100	.1	8	1
88-5G-9S-23	8	12	97	.1	3	1
88-5G-9S-24	11	15	103	.1	2	1
88-5G-9S-25	12	15	107	.1	5	1
88-5G-9S-26	12	23	97	.1	3	2
88-5G-9S-27	7	14	76	.1	7	1
88-5G-9S-28	12	14	94	.1	8	1
88-5G-9S-29	7	17	88	.1	12	1
88-5G-9S-30	12	19	97	.1	5	1
88-5G-9S-31	11	17	94	.1	16	1
88-5G-9S-32	14	15	97	.2	8	1
88-5G-9S-33	18	24	120	.1	53	1
88-5G-9S-34	13	16	94	.1	12	1
88-5G-9S-35	12	23	120	.1	34	1
88-5G-9S-36	11	23	98	.3	38	1
88-5G-9S-37	12	16	86	.1	13	2
88-5G-9S-38	21	33	135	.2	63	1
88-5G-9S-39	97	12	123	.3	11	4
88-5G-10S-01	49	12	398	.1	4	1
88-5G-10S-02	29	11	101	.1	8	2
88-5G-10S-03	27	19	143	.1	19	1
88-5G-10S-04	225	22	258	1.1	9	1
88-5G-10L-01	13	12	72	.1	4	1
STD C/AU-S	60	41	132	7.1	39	48

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
88-5G-6R-1	97	532	200	9.8	38	4
88-5G-6R-2	128	520	17	132.1	61468	3890
88-5G-6R-3	28	12	32	.4	193	5
88-5G-6R-4	4	9	6	.9	411	1
88-5G-6R-5	11	6	6	.2	15	1
88-5G-6R-6	44	10	42	.4	43	1
88-5G-9R-1	71	1812	514	2.8	65	275
88-5G-10F-1	5	3	1	.1	16	6
88-5G-10F-2	3	6	9	.1	6	2
88-5G-10F-3	7	21	4	.1	11	1
88-5G-10R-1	10	3	8	.1	2	1
88-5G-10R-2	11	5	28	.1	4	1
88-5G-10R-3	18	2	5	.1	2	2
88-5G-10R-4	25	6	6	.3	5	1
88-5G-10R-5	15	3	4	.1	2	2
STD C/AU-R	57	37	131	7.1	40	515

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716 DATE RECEIVED: OCT 11 1988
DATE REPORT MAILED: Oct.14/88.

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

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

SKUKUM GOLD INC. PROJECT 5G FILE # 88-5094 Page 1 DAY C1.

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
88-5G-4S-1	718	10	74	2.6	17	19
88-5G-4S-2	199	616	2719	5.7	124	11
88-5G-7S-1	6	20	114	.1	2	1
88-5G-7S-2	4	12	101	.1	3	1
88-5G-7S-3	7	17	141	.2	3	1
88-5G-7S-4	2	9	108	.1	2	1
88-5G-7S-5	2	15	101	.1	2	2
88-5G-7S-6	3	17	121	.1	5	3
88-5G-7S-7	4	18	97	.1	4	3
88-5G-7S-8	2	12	67	.1	2	4
88-5G-7S-9	6	14	113	.1	2	2
88-5G-7S-10	4	10	89	.1	2	2
88-5G-7S-11	6	12	96	.2	2	2
88-5G-7S-12	8	20	127	.1	3	3
88-5G-7S-13	6	19	113	.1	4	3
88-5G-7S-14	5	13	80	.1	3	2
88-5G-7S-15	6	20	109	.1	3	2
88-5G-7S-16	4	22	98	.1	3	2
88-5G-7S-17	5	26	110	.1	3	2
88-5G-7S-18	7	26	114	.1	4	1
88-5G-7S-19	6	30	123	.1	7	2
88-5G-7S-20	5	35	106	.2	38	4
88-5G-7S-21	5	24	94	.1	6	8
88-5G-7S-22	5	30	100	.1	2	10
88-5G-7S-23	6	30	140	.1	4	2
88-5G-7S-24	5	19	93	.1	6	1
88-5G-7S-25	4	22	87	.1	2	1
88-5G-7S-26	2	6	59	.2	6	2
88-5G-7S-27	3	3	71	.2	3	2
88-5G-7S-28	2	8	46	.2	2	1
88-5G-7S-29	8	13	91	.1	5	1
88-5G-7S-30	2	13	61	.1	5	8
88-5G-7S-31	3	10	67	.1	2	2
88-5G-7S-32	4	10	83	.1	2	1
88-5G-7S-33	6	7	80	.1	2	1
88-5G-7S-34	7	15	88	.1	2	1
STD C/AU-S	58	36	132	7.2	40	49

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
88-5G-7S-35	4	16	90	.1	4	2
88-5G-7S-36	7	15	94	.1	8	3
88-5G-7S-37	6	20	95	.1	15	3
88-5G-7S-38	7	19	87	.1	7	1
88-5G-7S-39	5	22	85	.1	5	2
88-5G-7S-40	9	19	73	.2	6	2
88-5G-7S-41	9	17	98	.1	7	1
88-5G-7S-42	7	15	89	.1	4	2
88-5G-7S-43	5	23	122	.1	10	3
88-5G-7S-44	7	16	89	.1	7	2
88-5G-7S-45	8	20	100	.1	7	1
88-5G-7S-46	6	19	104	.1	11	1
88-5G-7S-47	6	21	108	.1	11	2
88-5G-7S-48	4	28	100	.1	12	2
88-5G-7S-49	4	16	90	.1	5	4
88-5G-7S-50	7	23	103	.1	13	2
88-5G-10S-50	9	22	105	.1	2	1
88-5G-10S-51	3	16	74	.1	2	1
88-5G-10S-52	4	21	124	.1	3	1
88-5G-10S-53	4	13	70	.1	2	1
88-5G-10S-54	3	20	60	.1	2	1
88-5G-10S-55	6	27	108	.1	3	1
88-5G-10S-56	6	22	107	.1	3	1
88-5G-10S-57	7	20	121	.1	5	1
88-5G-10S-58	7	29	122	.1	4	1
88-5G-10S-59	3	26	106	.1	2	1
88-5G-10S-60	7	21	118	.2	4	1
88-5G-10S-61	9	25	129	.1	4	1
88-5G-10S-62	5	20	102	.1	4	1
88-5G-10S-63	6	23	106	.1	3	1
88-5G-10S-64	6	23	102	.1	2	2
88-5G-10S-65	7	20	107	.1	2	2
88-5G-10S-66	6	25	107	.1	4	1
88-5G-10S-67	6	23	95	.1	3	1
88-5G-10S-68	6	21	103	.1	2	1
88-5G-10S-69	7	18	101	.1	2	1
STD C/AU-S	58	39	132	7.1	37	49

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
88-5G-10S-70	6	30	103	.1	2	2
88-5G-10S-71	6	30	98	.2	3	1
88-5G-10S-72	7	29	96	.1	3	1
88-5G-10S-73	7	31	121	.1	2	8
88-5G-10S-74	9	25	110	.2	6	1
88-5G-10S-75	14	50	167	.1	13	1
88-5G-10S-76	15	51	161	.1	16	2
88-5G-10S-77	14	57	160	.1	14	1
88-5G-10S-78	15	52	154	.1	16	2
88-5G-10S-79	15	47	153	.1	15	1
88-5G-10S-80	15	45	164	.1	15	1
88-5G-10S-81	13	35	104	.1	8	1
88-5G-10S-82	5	18	87	.1	5	2
88-5G-10S-83	5	18	76	.1	3	1
88-5G-10S-84	2	15	110	.1	2	1
88-5G-10S-85	3	11	71	.1	2	1
88-5G-10S-86	8	14	114	.1	4	3
88-5G-10S-87	7	20	73	.1	2	2
88-5G-10S-88	5	20	67	.2	2	1
88-5G-10S-89	5	19	67	.1	2	1
88-5G-10S-90	6	22	77	.1	6	2
88-5G-10S-91	5	22	73	.1	2	2
88-5G-10S-92	5	20	73	.1	2	1
88-5G-10S-93	5	26	74	.1	4	1
88-5G-10S-94	4	18	77	.1	2	1
88-5G-10S-95	5	25	74	.1	3	1
88-5G-5L-1	6	10	60	.1	10	1
STD C/AU-S	57	38	132	6.6	37	51

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

DATE RECEIVED: OCT 5 1988
DATE REPORT MAILED: Oct. 12/88

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

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

SKUKUM GOLD INC. FILE # 88-5002 DAY C1.

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
88-5G-4R-11	7	50	73	1.7	133	47
88-5G-4R-12	410	2660	7948	10.2	182	23
88-5G-4R-13	166	1102	1382	4.1	168	46
88-5G-4R-14	49	55	484	2.4	32	1
88-5G-4R-15	35	20	57	.8	10	4
88-5G-4R-16	1574	21	557	3.1	6	1
88-5G-5F-1	10	28	18	.4	255	2
88-5G-5F-2	24	16	29	.2	3	20
88-5G-5F-3	4	29	9	.4	1588	92
88-5E-4R-27	11	9	23	.7	61	37
88-5E-10R-8	1	4	37	.3	74	2
88-4-4F-10	35	1520	23	13.0	6	3
STD C/AU-R	58	38	133	7.1	43	470

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716 DATE RECEIVED: SEP 26 1988
DATE REPORT MAILED: Sept. 30/88

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

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

SKUKUM GOLD INC. PROJECT 5G FILE # 88-4799 DAY C/.

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au* PPB
88-5G-10R-2	9	3	408	.1	2	3

APPENDIX 3: - STATISTICAL SUMMARY.

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable = CU Unit = PPM N = 1190

Mean =	59.277	Min =	1.000	1st Quartile =	17.000
Std. Dev. =	66.959	Max =	801.000	Median =	36.000
CV % =	112.959	Skewness =	3.371	3rd Quartile =	77.000

%	cum %	cls int	(# of bins = 31 - bin size = 26.667)	
0.00	0.04	-12.333		
19.75	19.77	14.333	********** -->	68
34.03	53.78	41.000	********** -->	117
16.47	70.24	67.667	********** -->	57
10.42	80.65	94.333	**********	
6.89	87.53	121.000	**********	
3.87	91.39	147.667	**********	
2.86	94.25	174.333	**********	
1.60	95.84	201.000	*****	
1.09	96.94	227.667	****	
1.34	98.28	254.333	*****	
0.42	98.70	281.000	*	
0.17	98.87	307.667	*	
0.42	99.29	334.333	*	
0.34	99.62	361.000	*	
0.00	99.62	387.667		
0.00	99.62	414.333		
0.08	99.71	441.000		
0.00	99.71	467.667		
0.00	99.71	494.333		
0.08	99.79	521.000		
0.00	99.79	547.667		
0.00	99.79	574.333		
0.00	99.79	601.000		
0.00	99.79	627.667		
0.08	99.87	654.333		
0.00	99.87	681.000		
0.00	99.87	707.667		
0.00	99.87	734.333		
0.00	99.87	761.000		
0.00	99.87	787.667		
0.08	99.96	814.333		

0 1 2 3 4

Each "*" represents approximately 3.5 observations.

##########

SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable =	CU	Unit =	PPM	N =	1190
Mean =	1.5575	Min =	0.0000	1st Quartile =	1.2304
Std. Dev. =	0.4491	Max =	2.9036	Median =	1.5563
CV % =	28.8354	Skewness =	-0.1883	3rd Quartile =	1.8865

Anti-Log Mean = 36.098 Anti-Log Std. Dev. : (-) 12.834
(+) 101.528

(# of bins = 31 - bin size = 0.0968)

%	cum %	antilog	cls int	
0.00	0.04	0.895	-0.0484	
0.50	0.55	1.118	0.0484	**
0.00	0.55	1.397	0.1452	
0.00	0.55	1.746	0.2420	
0.34	0.88	2.182	0.3388	*
0.00	0.88	2.726	0.4355	
0.59	1.47	3.407	0.5323	**
0.34	1.81	4.257	0.6291	*
0.76	2.56	5.320	0.7259	***
1.85	4.41	6.648	0.8227	******
3.03	7.43	8.308	0.9195	**********
3.95	11.38	10.382	1.0163	**********
4.12	15.49	12.974	1.1131	**********
8.66	24.14	16.212	1.2098	**********
6.64	30.77	20.260	1.3066	**********
7.39	38.16	25.318	1.4034	**********
6.97	45.13	31.638	1.5002	**********
7.98	53.11	39.536	1.5970	**********
7.06	60.16	49.407	1.6938	**********
7.23	67.38	61.741	1.7906	**********
7.82	75.19	77.154	1.8874	**********
6.22	81.40	96.416	1.9841	**********
6.13	87.53	120.486	2.0809	**********
4.03	91.56	150.565	2.1777	**********
3.70	95.26	188.153	2.2745	**********
1.93	97.19	235.126	2.3713	*******
1.60	98.78	293.824	2.4681	*****
0.84	99.62	367.177	2.5649	***
0.08	99.71	458.842	2.6617	
0.08	99.79	573.391	2.7585	
0.08	99.87	716.537	2.8552	
0.08	99.96	895.419	2.9520	

0 1 2 3 4

Each "*" represents approximately 3.5 observations.

##########

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable =	PB	Unit =	PPM	N =	1188
Mean =	32.441	Min =	2.000	1st Quartile =	15.000
Std. Dev. =	46.570	Max =	752.000	Median =	21.000
CV % =	143.552	Skewness =	6.852	3rd Quartile =	32.000

%	cum %	cls int	(# of bins = 31 - bin size = 25.000)
0.00	0.04	-10.500	
23.23	23.25	14.500	********** --> 80
59.43	82.63	39.500	********** --> 204
9.26	91.88	64.500	**********
3.11	95.00	89.500	**********
1.68	96.68	114.500	******
0.84	97.52	139.500	***
0.59	98.11	164.500	**
0.17	98.28	189.500	*
0.34	98.61	214.500	*
0.08	98.70	239.500	
0.08	98.78	264.500	
0.17	98.95	289.500	*
0.08	99.03	314.500	
0.25	99.29	339.500	*
0.34	99.62	364.500	*
0.17	99.79	389.500	*
0.08	99.87	414.500	
0.00	99.87	439.500	
0.00	99.87	464.500	
0.00	99.87	489.500	
0.00	99.87	514.500	
0.00	99.87	539.500	
0.00	99.87	564.500	
0.00	99.87	589.500	
0.00	99.87	614.500	
0.00	99.87	639.500	
0.00	99.87	664.500	
0.00	99.87	689.500	
0.00	99.87	714.500	
0.00	99.87	739.500	
0.08	99.96	764.500	

0 1 2 3 4

Each "*" represents approximately 3.5 observations.

##
SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable =	PB	Unit =	PPM	N =	1188
Mean =	1.3588	Min =	0.3010	1st Quartile =	1.1761
Std. Dev. =	0.3179	Max =	2.8762	Median =	1.3222
CV % =	23.3980	Skewness =	0.8279	3rd Quartile =	1.5051
Anti-Log Mean =	22.847	Anti-Log Std. Dev. :	(-)		10.987
			(+)		47.507

%	cum %	antilog	cls int	(# of bins = 31 - bin size = 0.0858)
0.00	0.04	1.812	0.2581	
0.17	0.21	2.208	0.3439	*
0.00	0.21	2.690	0.4298	
0.17	0.38	3.278	0.5156	*
0.00	0.38	3.995	0.6015	
0.34	0.71	4.868	0.6873	*
0.93	1.64	5.931	0.7731	***
2.86	4.50	7.227	0.8590	**********
1.77	6.27	8.807	0.9448	******
4.46	10.72	10.732	1.0307	**********
9.01	19.72	13.077	1.1165	**********
6.90	26.62	15.935	1.2023	**********
16.84	43.44	19.417	1.2882	********** --> 58
14.73	58.16	23.661	1.3740	********** --> 51
11.36	69.51	28.831	1.4599	**********
9.76	79.27	35.132	1.5457	**********
5.39	84.65	42.810	1.6315	**********
4.21	88.86	52.165	1.7174	**********
2.69	91.55	63.566	1.8032	*********
2.61	94.15	77.457	1.8891	*********
1.26	95.42	94.385	1.9749	****
1.35	96.76	115.012	2.0607	*****
0.93	97.69	140.146	2.1466	***
0.42	98.11	170.774	2.2324	*
0.51	98.61	208.094	2.3183	**
0.08	98.70	253.571	2.4041	
0.34	99.03	308.987	2.4899	*
0.76	99.79	376.512	2.5758	***
0.08	99.87	458.795	2.6616	
0.00	99.87	559.060	2.7475	
0.00	99.87	681.237	2.8333	
0.08	99.96	830.114	2.9191	

0 1 2 3 4

Each "*" represents approximately 3.5 observations.

##

##

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable =	AS	Unit =	PPM	N =	1179
Mean =	48.556	Min =	2.000	1st Quartile =	4.000
Std. Dev. =	110.080	Max =	965.000	Median =	11.000
CV % =	226.709	Skewness =	4.485	3rd Quartile =	38.000

%	cum %	cls int	(# of bins = 31 - bin size = 32.100)
0.00	0.04	-14.050	
63.70	63.69	18.050	********** --> 217
14.08	77.75	50.150	********** --> 48
7.97	85.72	82.250	**********
4.58	90.30	114.350	**********
1.53	91.82	146.450	*****
1.36	93.18	178.550	*****
1.02	94.19	210.650	***
1.10	95.30	242.750	****
0.59	95.89	274.850	**
0.51	96.40	306.950	**
0.34	96.74	339.050	*
0.25	96.99	371.150	*
0.42	97.42	403.250	*
0.51	97.92	435.350	**
0.17	98.09	467.450	*
0.17	98.26	499.550	*
0.25	98.52	531.650	*
0.17	98.69	563.750	*
0.00	98.69	595.850	
0.17	98.86	627.950	*
0.42	99.28	660.050	*
0.08	99.36	692.150	
0.08	99.45	724.250	
0.08	99.53	756.350	
0.00	99.53	788.450	
0.00	99.53	820.550	
0.17	99.70	852.650	*
0.00	99.70	884.750	
0.08	99.79	916.850	
0.08	99.87	948.950	
0.08	99.96	981.050	

0 1 2 3 4

Each "*" represents approximately 3.5 observations.

##

##########

SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable =	AS	Unit =	PPM	N =	1179
Mean =	1.1411	Min =	0.3010	1st Quartile =	0.6021
Std. Dev. =	0.6428	Max =	2.9845	Median =	1.0414
CV % =	56.3379	Skewness =	0.6410	3rd Quartile =	1.5798

Anti-Log Mean = 13.837 Anti-Log Std. Dev. : (-) 3.149
(+) 60.799

%	cum %	antilog	cls int	(# of bins = 31 - bin size = 0.0894)
0.00	0.04	1.804	0.2563	
13.40	13.43	2.217	0.3458	********** --> 46
0.00	13.43	2.724	0.4352	
5.60	19.03	3.347	0.5247	**********
6.53	25.55	4.112	0.6141	**********
5.51	31.06	5.053	0.7036	**********
4.83	35.89	6.209	0.7930	**********
4.50	40.38	7.629	0.8825	**********
7.80	48.18	9.374	0.9719	**********
3.48	51.65	11.517	1.0614	**********
6.79	58.43	14.152	1.1508	**********
3.73	62.16	17.388	1.2403	**********
4.24	66.40	21.365	1.3297	**********
3.48	69.87	26.251	1.4192	**********
2.80	72.67	32.256	1.5086	**********
2.88	75.55	39.633	1.5981	**********
2.04	77.58	48.697	1.6875	*******
3.31	80.89	59.835	1.7770	**********
3.56	84.45	73.520	1.8664	**********
2.71	87.16	90.334	1.9559	*********
2.54	89.70	110.995	2.0453	*********
1.87	91.57	136.381	2.1348	******
1.53	93.09	167.573	2.2242	*****
1.02	94.11	205.898	2.3137	***
1.36	95.47	252.990	2.4031	*****
1.02	96.48	310.851	2.4926	***
0.51	96.99	381.947	2.5820	**
1.10	98.09	469.302	2.6715	****
0.59	98.69	576.637	2.7609	**
0.76	99.45	708.521	2.8504	***
0.25	99.70	870.567	2.9398	*
0.25	99.96	1069.676	3.0293	*

0 1 2 3 4

Each "*" represents approximately 3.5 observations.

##########

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable =	AG	Unit =	PPM	N =	1189
Mean =	0.433	Min =	0.100	1st Quartile =	0.100
Std. Dev. =	0.676	Max =	8.700	Median =	0.200
CV % =	156.213	Skewness =	6.193	3rd Quartile =	0.500

%	cum %	cls int	(# of bins = 31 - bin size = 0.287)	
0.00	0.04	-0.043		
52.65	52.65	0.243	********** -->	181
27.00	79.62	0.530	********** -->	93
9.67	89.29	0.817	**********	
4.54	93.82	1.103	**********	
1.35	95.17	1.390	*****	
1.43	96.60	1.677	*****	
1.01	97.61	1.963	***	
0.42	98.03	2.250	*	
0.25	98.28	2.537	*	
0.34	98.61	2.823	*	
0.25	98.87	3.110	*	
0.17	99.03	3.397	*	
0.08	99.12	3.683		
0.08	99.20	3.970		
0.08	99.29	4.257		
0.08	99.37	4.543		
0.00	99.37	4.830		
0.00	99.37	5.117		
0.08	99.45	5.403		
0.08	99.54	5.690		
0.17	99.71	5.977	*	
0.00	99.71	6.263		
0.00	99.71	6.550		
0.00	99.71	6.837		
0.08	99.79	7.123		
0.00	99.79	7.410		
0.00	99.79	7.697		
0.00	99.79	7.983		
0.08	99.87	8.270		
0.00	99.87	8.557		
0.08	99.96	8.843		

0 1 2 3 4

Each "*" represents approximately 3.5 observations.

SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable =	AG	Unit =	PPM	N =	1189
Mean =	-0.5814	Min =	-1.0000	1st Quartile =	-1.0000
Std. Dev. =	0.3950	Max =	0.9395	Median =	-0.6990
CV % =	67.9501	Skewness =	0.7096	3rd Quartile =	-0.3010

Anti-Log Mean = 0.262 Anti-Log Std. Dev. : (-) 0.106
(+) 0.651

%	cum %	antilog	cls int	(# of bins = 31 - bin size = 0.0647)
0.00	0.04	0.093	-1.0323	
34.65	34.66	0.108	-0.9677	********** --> 119
0.00	34.66	0.125	-0.9030	
0.00	34.66	0.145	-0.8384	
0.00	34.66	0.168	-0.7737	
0.00	34.66	0.195	-0.7091	
18.00	52.65	0.227	-0.6444	********** --> 62
0.00	52.65	0.263	-0.5798	
9.42	62.06	0.305	-0.5151	**********
0.00	62.06	0.354	-0.4505	
8.75	70.80	0.411	-0.3858	**********
0.00	70.80	0.477	-0.3212	
8.83	79.62	0.554	-0.2565	**********
4.12	83.74	0.643	-0.1919	**********
3.70	87.44	0.746	-0.1272	**********
1.85	89.29	0.866	-0.0626	******
3.70	92.98	1.005	0.0021	**********
0.84	93.82	1.166	0.0667	***
1.35	95.17	1.353	0.1314	*****
1.09	96.26	1.570	0.1960	****
1.18	97.44	1.823	0.2607	****
0.59	98.03	2.115	0.3253	**
0.08	98.11	2.455	0.3900	
0.50	98.61	2.849	0.4546	**
0.42	99.03	3.306	0.5193	*
0.17	99.20	3.837	0.5839	*
0.17	99.37	4.452	0.6486	*
0.00	99.37	5.167	0.7132	
0.34	99.71	5.996	0.7779	*
0.08	99.79	6.959	0.8425	
0.00	99.79	8.076	0.9072	
0.17	99.96	9.372	0.9718	*

0 1 2 3 4

Each "*" represents approximately 3.5 observations.

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable =	AU	Unit =	PPB	N =	1186
Mean =	7.840	Min =	1.000	1st Quartile =	1.000
Std. Dev. =	27.390	Max =	360.000	Median =	2.000
CV % =	349.373	Skewness =	9.085	3rd Quartile =	5.000

(# of bins = 31 - bin size = 11.967)

%	cum %	cls int	
0.00	0.04	-4.983	
79.93	79.91	6.983	********** --> 274
12.31	92.21	18.950	********** --> 42
2.95	95.16	30.917	**********
1.43	96.59	42.883	*****
1.10	97.68	54.850	****
0.51	98.19	66.817	**
0.34	98.53	78.783	*
0.34	98.86	90.750	*
0.17	99.03	102.717	*
0.08	99.12	114.683	
0.00	99.12	126.650	
0.08	99.20	138.617	
0.08	99.28	150.583	
0.00	99.28	162.550	
0.00	99.28	174.517	
0.00	99.28	186.483	
0.00	99.28	198.450	
0.08	99.37	210.417	
0.00	99.37	222.383	
0.00	99.37	234.350	
0.00	99.37	246.317	
0.00	99.37	258.283	
0.00	99.37	270.250	
0.08	99.45	282.217	
0.17	99.62	294.183	*
0.08	99.71	306.150	
0.08	99.79	318.117	
0.00	99.79	330.083	
0.00	99.79	342.050	
0.00	99.79	354.017	
0.17	99.96	365.983	*

0 1 2 3 4

Each "*" represents approximately 3.5 observations.

##########

SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable = AU Unit = PPB N = 1186

Mean =	0.3976	Min =	0.0000	1st Quartile =	0.0000
Std. Dev. =	0.5150	Max =	2.5563	Median =	0.3010
CV % =	129.5251	Skewness =	1.3996	3rd Quartile =	0.6990

Anti-Log Mean = 2.498 Anti-Log Std. Dev. : (-) 0.763
(+) 8.178

%	cum %	antilog	cls int	(# of bins = 31 - bin size = 0.0852)
0.00	0.04	0.907	-0.0426	
48.74	48.74	1.103	0.0426	********** --> 167
0.00	48.74	1.342	0.1278	
0.00	48.74	1.633	0.2130	
0.00	48.74	1.987	0.2982	
13.49	62.22	2.418	0.3834	********** --> 46
0.00	62.22	2.942	0.4687	
7.00	69.21	3.580	0.5539	**********
4.89	74.09	4.356	0.6391	**********
4.22	78.31	5.300	0.7243	**********
1.60	79.91	6.449	0.8095	*****
2.36	82.27	7.847	0.8947	********
3.04	85.30	9.548	0.9799	**********
2.95	88.25	11.618	1.0651	**********
2.19	90.44	14.136	1.1503	********
1.52	91.95	17.201	1.2355	*****
0.84	92.80	20.929	1.3208	***
1.69	94.48	25.466	1.4060	******
0.67	95.16	30.987	1.4912	**
1.01	96.17	37.704	1.5764	***
0.67	96.84	45.877	1.6616	**
0.84	97.68	55.822	1.7468	***
0.51	98.19	67.923	1.8320	**
0.42	98.61	82.647	1.9172	*
0.42	99.03	100.563	2.0024	*
0.08	99.12	122.362	2.0876	
0.17	99.28	148.887	2.1729	*
0.00	99.28	181.162	2.2581	
0.08	99.37	220.433	2.3433	
0.00	99.37	268.218	2.4285	
0.42	99.79	326.360	2.5137	*
0.17	99.96	397.107	2.5989	*

0 1 2 3 4

Each "*" represents approximately 3.5 observations.

##########

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable =	ZN	Unit =	PPM	N =	1189
Mean =	175.513	Min =	29.000	1st Quartile =	90.000
Std. Dev. =	146.822	Max =	1678.000	Median =	133.000
CV % =	83.653	Skewness =	3.992	3rd Quartile =	212.000

%	cum %	cls int	(# of bins = 31 - bin size = 54.967)
0.00	0.04	1.517	
3.87	3.91	56.483	**********
35.32	39.20	111.450	********** --> 121
23.55	62.73	166.417	********** --> 81
14.72	77.44	221.383	********** --> 51
9.34	86.76	276.350	**********
3.36	90.13	331.317	**********
3.03	93.15	386.283	**********
2.27	95.42	441.250	********
0.93	96.34	496.217	***
1.51	97.86	551.183	*****
0.50	98.36	606.150	**
0.17	98.53	661.117	*
0.34	98.87	716.083	*
0.42	99.29	771.050	*
0.00	99.29	826.017	
0.17	99.45	880.983	*
0.08	99.54	935.950	
0.08	99.62	990.917	
0.00	99.62	1045.883	
0.00	99.62	1100.850	
0.00	99.62	1155.817	
0.00	99.62	1210.783	
0.00	99.62	1265.750	
0.08	99.71	1320.717	
0.00	99.71	1375.683	
0.08	99.79	1430.650	
0.00	99.79	1485.617	
0.00	99.79	1540.583	
0.00	99.79	1595.550	
0.00	99.79	1650.517	
0.17	99.96	1705.483	*

0 1 2 3 4

Each "*" represents approximately 3.5 observations.

##

SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable = ZN Unit = PPM N = 1189

Mean =	2.1508	Min =	1.4624	1st Quartile =	1.9542
Std. Dev. =	0.2695	Max =	3.2248	Median =	2.1239
CV % =	12.5294	Skewness =	0.5373	3rd Quartile =	2.3263

Anti-Log Mean = 141.513 Anti-Log Std. Dev. : (-) 76.088
(+) 263.196

%	cum %	antilog	cls int	(# of bins = 31 - bin size = 0.0587)
0.00	0.04	27.103	1.4330	
0.08	0.13	31.029	1.4918	
0.25	0.38	35.524	1.5505	*
0.17	0.55	40.669	1.6093	*
0.76	1.30	46.560	1.6680	***
1.26	2.56	53.304	1.7268	****
4.12	6.68	61.024	1.7855	**********
5.21	11.89	69.863	1.8443	**********
6.81	18.70	79.983	1.9030	**********
7.40	26.09	91.568	1.9617	**********
9.59	35.67	104.831	2.0205	**********
7.32	42.98	120.015	2.0792	**********
9.42	52.39	137.399	2.1380	**********
7.06	59.45	157.300	2.1967	**********
7.40	66.85	180.084	2.2555	**********
7.32	74.16	206.168	2.3142	**********
6.06	80.21	236.031	2.3730	**********
6.06	86.26	270.218	2.4317	**********
2.35	88.61	309.358	2.4905	********
2.69	91.30	354.167	2.5492	*********
2.94	94.24	405.466	2.6080	**********
1.60	95.84	464.195	2.6667	*****
1.43	97.27	531.431	2.7254	*****
1.09	98.36	608.406	2.7842	****
0.34	98.70	696.530	2.8429	*
0.59	99.29	797.419	2.9017	**
0.17	99.45	912.920	2.9604	*
0.17	99.62	1045.152	3.0192	*
0.00	99.62	1196.536	3.0779	
0.08	99.71	1369.848	3.1367	
0.08	99.79	1568.262	3.1954	
0.17	99.96	1795.416	3.2542	*

0 1 2 3 4

Each "*" represents approximately 3.5 observations.

##

WATSON RIVER

ICEFIELD

BERNEY CK.

LEGEND

TERTIARY
EOCENE – SKUKUM GROUP

Erd — Rhyolite dyke.

CRETACEOUS
COAST PLUTONIC COMPLEX

Kgd — Granodiorite, grey, medium to coarse grained, equalgranular.

PALEOZOIC OR OLDER
YUKON GROUP

HЄsn — Quartz – feldspar – biotite – muscovite gneiss and schist.

ABBREVIATIONS
Qz — Quartz.
Cl — Chlorite.
Cb — Carbonate.
Sl — Sphalerite.
Gl — Galena.
As — Arsenopyrite.
Py — Pyrite.
Pr — Pyyrhotite.
Cp — Chalcopyrite.

■ Talus fines sample.
▲ Rock sample.
● Stream sediment sample.
○ Stream sediment sample (GSC 1985).
——— Contact.
– – – Inferred contact.
~~ Fault.

Qz vein with As
15.05% As
4.26 oz/ton Ag
0.124 oz/ton Au

massive PR, minor CP-PY

GL, PY

092638

100 0 200 400 600 800 1000
Meters

N

ISLAND MINING & EXPLORATIONS LTD.
DAY CLAIMS
WHITEHORSE MINING DIVISION – YUKON TERRITORY

PROPERTY GEOLOGY & SAMPLE LOCATIONS

N.T.S. 105D/4	MAP No. 1
DRAWN BY: A.L.W., H.F.M., T.M.	DATE: DEC. 1988
NOTE: Contour Interval 100 Feet.	542

092638

WATSON RIVER

LEGEND

- Zn — Government (1985) silt sample with anomalous elements.
- Cu — Silt sample with anomalous elements.
- Ag — Talus fines sample with anomalous elements.
- ▲ Mineralized showings.

	Threshold	Anomalous	Strongly Anomalous
Cu ppm	240 341	342 443	≥444
Pb ppm	119 166	167 214	≥215
Zn ppm	668 930	931 1193	≥1194
As ppm	136 196	197 257	≥258
Ag ppm	1.7 2.3	2.4 3.0	≥3.1
Au ppb	18 25	26 33	≥34

O 140ppm Cu, 200ppm Zn, 35.3ppm As, 46ppb Au

● 99ppm Cu, 207ppm Zn, 25ppm As, 77ppb Au

■ Cu, Au

■ Cu

■ As

■ As

▲ 408ppm As, 56ppb Au

● 73ppm Cu
172ppm Zn
0.6ppm Ag

■ Cu, Ag

● 90ppm Cu
203ppm Zn
0.7ppm Ag

■ Au

O 250ppm Cu, 630ppm Zn, 10ppb Au, 0.6ppm Ag, 25.8ppm As

Qz – Cb veining in shear zone with Gl – Sl – Py
2660ppm Pb, 7948ppm Zn
10.2ppm Ag

■ Cu, Ag

■ Au

● 66ppm Cu

1102ppm Pb, 1382ppm Zn

■ Pb, Zn, Ag

■ Cu, Au

■ Cu, Ag, Au

■ As, Au

■ Au

■ Cu, Zn

■ Ag, Au

■ Zn, Ag, As, Au

■ Cu, Au

■ Cu

■ Cu, Zn, Ag

■ Cu, Ag

■ Zn

■ Cu

■ Cu

■ Cu, Pb, Zn, Ag, As, Au

1574ppm Cu ▲

■ Au

■ Cu, Ag

■ Pb, Zn

■ Cu, Zn

■ Zn

■ Cu

■ Cu

■ Cu

■ Cu

■ Cu, Ag

■ Cu

■ Cu

■ Au

■ Cu, Au

■ Cu, Ag

■ Cu, Ag

■ Cu, Zn

■ Cu, Zn

▲ Gossanous pyritic Kgd with As.
1588ppm As

▲ Gl and Py in gneissic band.
1812ppm Pb
275ppb Au

▲ Brecciated and sheared Qz vein with As.
15.05% As, 4.26 oz/ton Ag
0.124 oz/ton Au

O 34ppm Pb, 25.2ppm As

Icefield

Berney Ck.

Scale : 1 : 10,000

100 0 200 400 600 800 1000
Meters

ISLAND MINING & EXPLORATIONS LTD.

DAY CLAIMS

WHITEHORSE MINING DIVISION — YUKON TERRITORY

092638

MINERALIZED SHOWINGS & ANOMALOUS GEOCHEMISTRY

N.T.S. 105D/4	MAP No. 2
DRAWN BY : A.L.W., H.F.M., T.M.	DATE : DEC. 1988
NOTE : Contour Interval 500 Feet.	

541