GEOLOGICAL AND GEOCHEMICAL REPORT

ON THE

KING CLAIMS 2-6, 10-14

Atlin Mining Division, British Columbia
NTS 104K/10W
Latitude: 58° 40' North
Longitude: 132° 58' West

for

SOLOMON RESOURCES LTD.
Vancouver, B.C.

by

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SUMMARY

The King property consists of 200 claim units located in the Tulsequah region of northern British Columbia. The property was staked in June of 1990 to cover two pervasive gossan zones. These gossan zones are associated with Upper Triassic Stuhini Group volcanics and Lower to Middle Jurassic Laberge Group sedimentary rocks which are intruded by Upper Cretaceous-Early Tertiary Sloko Group dykes and sills. A third gossan zone was staked but not recorded.

Reconnaissance geological mapping and geochemical sampling of the three gossan zones, designated A, B and C, confirmed that the gossans were caused by pervasive disseminated pyrite within silicified Sloko Group granodiorite and Stuhini Group volcanics. The Laberge Group sedimentary rocks were less altered and pyritized.

Geochemical results from rocks, soils and silt samples collected from the three zones indicated that each zone represents a weak copper-molybdenum porphyry system. Highest results in soils were 625 ppm Cu and 473 ppm Mo from Zone A (90MCS-025). Minor copper-lead-zinc-silver mineralization associated with skarns in Zone A was identified. A Zone A skarn sample assayed 71,078 ppm Cu, 422 ppm Pb, 1,641 ppm Zn, and 416.4 ppm Ag (90MSR-005A). Similar mineralization was found in quartz-carbonate veins measuring up to 15 cm wide in Zone C. Soil results from Zone C indicate a peripheral arsenic anomaly to the southeast.

A 1.5 kilometre northeast striking lineament in Zone A appears to have a weak gold signature. This assumption is based on one 1,220 ppb Au stream silt sample (90MIL-002) taken immediately downstream from the lineaments conjectural position. Weak gold analyses of up to 750 ppb in rock samples are associated with the western end of this lineament (90MIR-024).

Zone A appears to have some gold potential. It is recommended a VLF-EM and magnetometer survey be completed over this lineament, as well as follow-up geological mapping and geochemical sampling surveys.

TABLE OF CONTENTS

LIST OF FIGURES

LIST OF MAPS

LIST OF APPENDICES

INTRODUCTION

In May 1990, Keewatin Engineering Inc. was commissioned by Solomon Resources Ltd. to conduct a field exploration program within the Tulsequah region of north western British Columbia. The purpose of the program was to evaluate base and precious metal potential within areas of Crown Land. Work was to include geological prospecting, reconnaissance geological mapping, geochemical soil sampling, silt sampling and litho-geochemical sampling.

A prospective area of interest was already known to exist south of King Salmon Lake and North of Sutlahine River. It lies within the map sheet entitled "Tulsequah and Juneau Geology, Map Sheet 1262A".

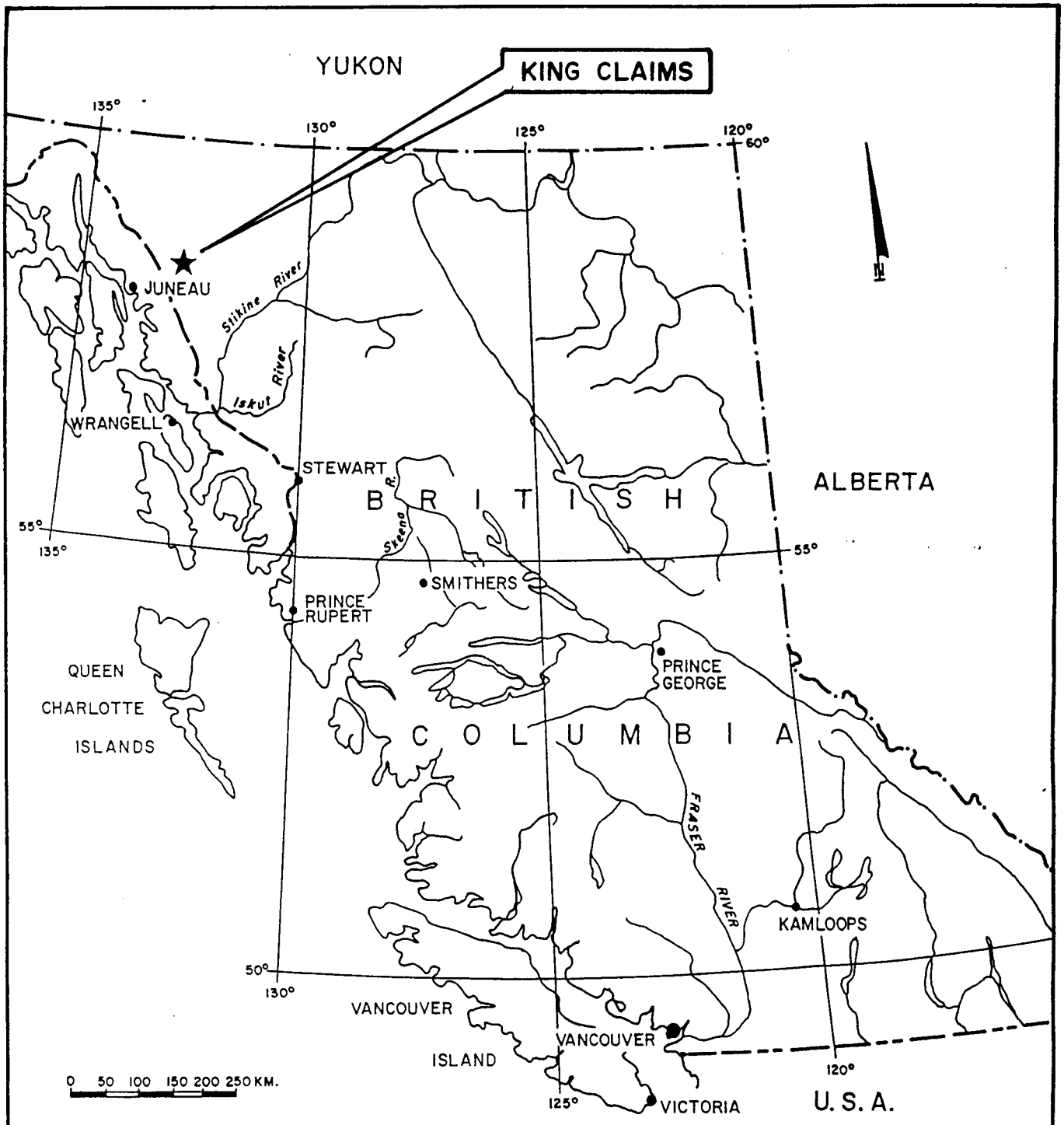
The area has a number of visible gossan zones due to pervasive disseminated pyritization in many of the rock exposures seen above timberline. The area is underlain by Laberge-Stuhini Groups of sedimentary and volcanic rocks, and is intruded by a series of northwest trending Sloko Group felsite-quartz feldspar porphyry and granodiorite intrusives of Upper Cretaceous-Early Tertiary age. These intrusives are believed to have acted as a source for the hydrothermal fluids carrying sulphide solutions. Subsequent oxidation has resulted in the formation of the gossan zones.

Mineral claims King 2-6 and 10-14 cover prospective zones, designated Zone A and Zone C. A third gossan was covered by three mineral claims but these were not recorded due to poor geochemical results.

Location and Access

The King property is located approximately 105 kilometres southeast of Atlin and 90 kilometres east of the Alaskan Capital of Juneau. The claims are situated within NTS map sheet 104K/10W and is centered at latitude 58°40' North and longitude 132°58' West (Figure 1).

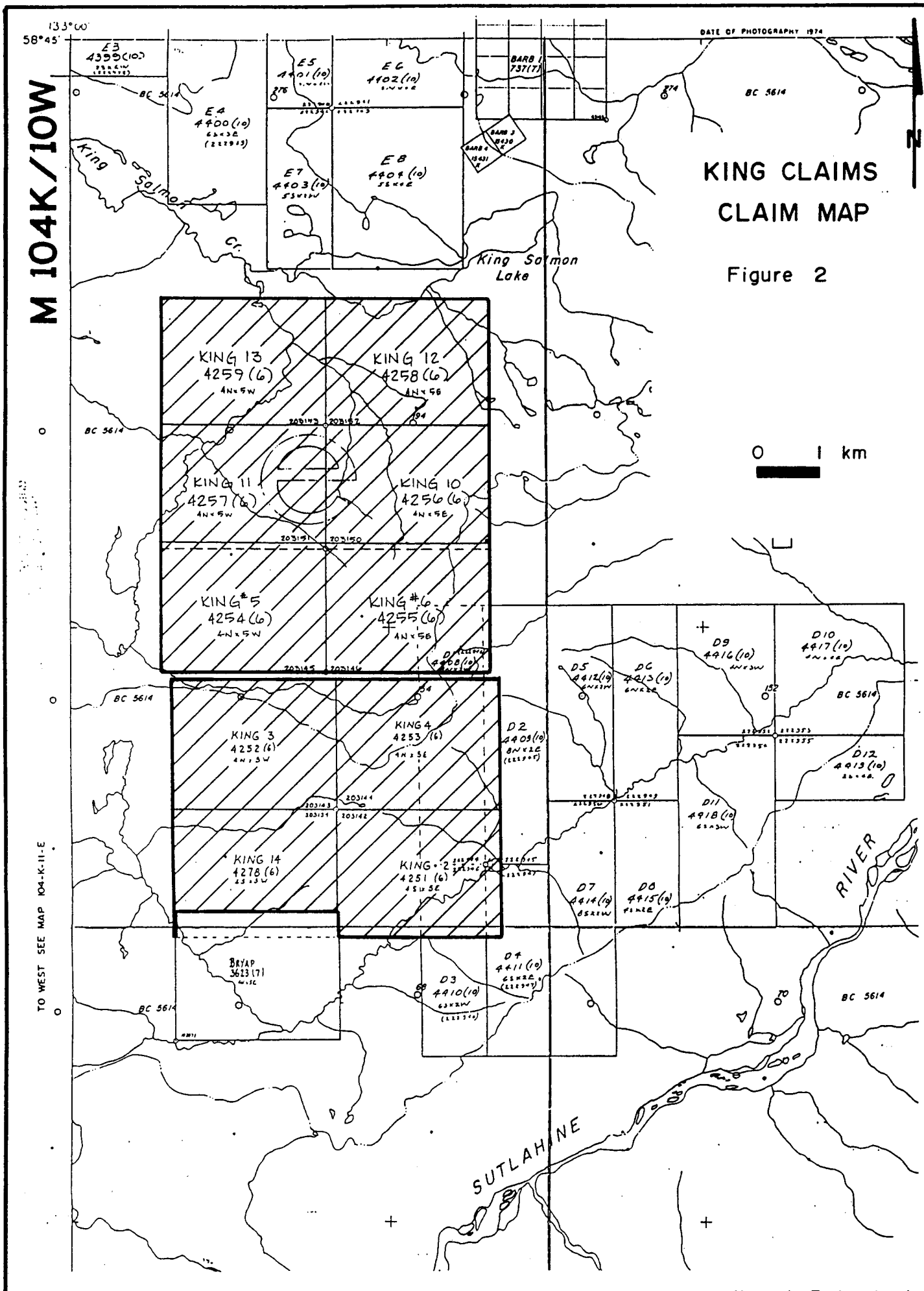
Access is best gained by helicopter from Atlin. The nearest airstrip is at the junction of the Tulsequah and Taku Rivers approximately 30 kilometres west of the property.

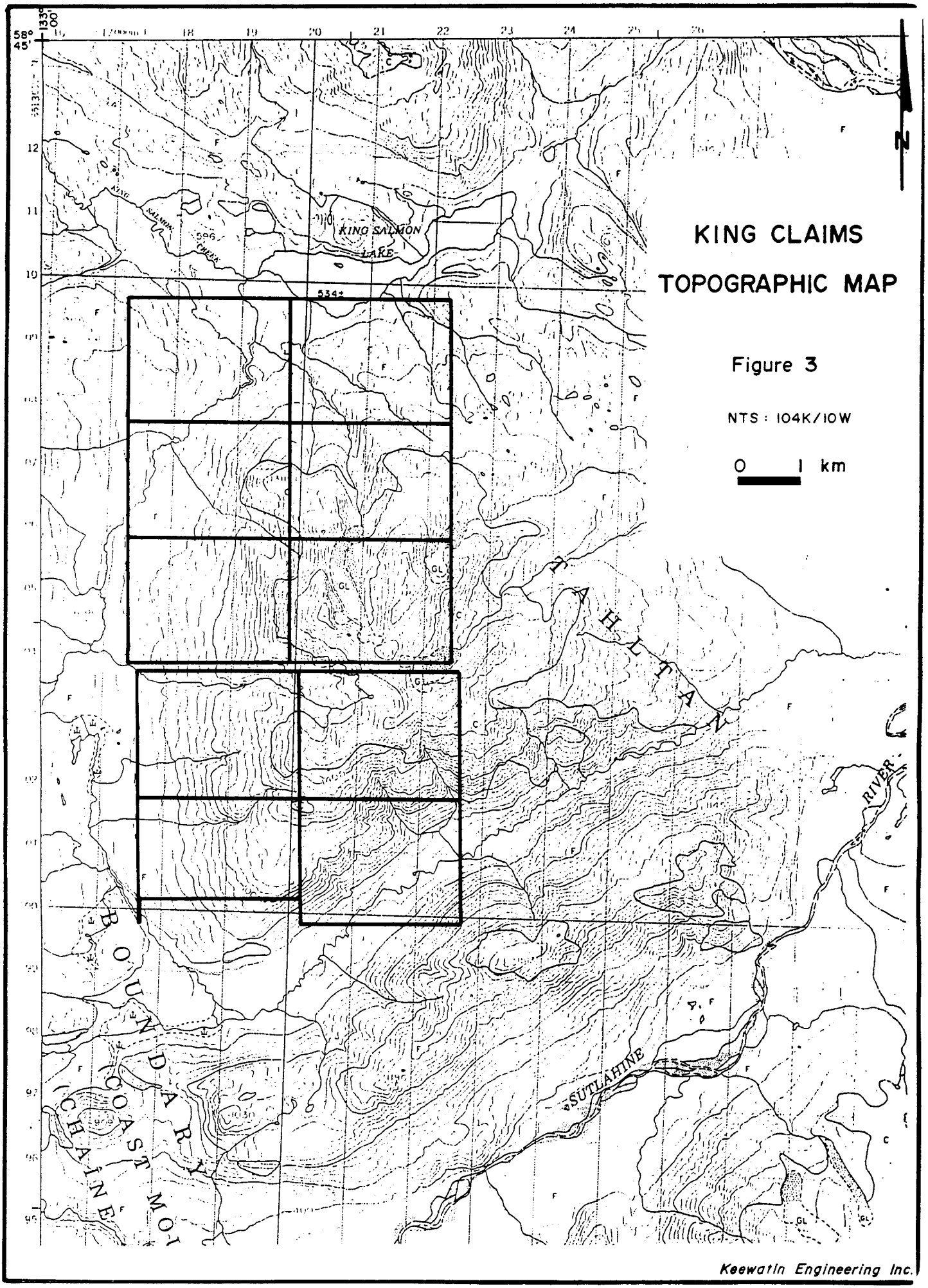


PROPERTY LOCATION MAP

Figure 1

KEEWATIN ENGINEERING INC.


133°00'
58°45'
M 104K/10W
DATE OF PHOTOGRAPHY 1974
KING CLAIMS
CLAIM MAP
Figure 2
N
0 1 km
King Salmon Cr.
King Salmon Lake
BC 5614
KING 13
4259 (6)
4N x 5W
KING 12
4258 (6)
4N x 5E
KING 11
4257 (6)
4N x 5W
KING 10
4256 (6)
4N x 5E
KING #5
4254 (6)
4N x 5W
KING #6
4255 (6)
4N x 5E
KING 3
4252 (6)
4N x 5W
KING 4
4253 (6)
4N x 5E
KING 14
4278 (6)
4S x 5W
KING #2
4251 (6)
4S x 5E
E3
4399 (10)
E4
4400 (10)
6S x 3E
E5
4401 (10)
E6
4402 (10)
6N x 6E
E7
4403 (10)
5S x 1W
E8
4404 (10)
5S x 6E
BARB 1
737 (7)
BARB 3
8430
BARB 4
13431
D1
4408 (10)
D2
4409 (10)
8N x 2E
D3
4410 (10)
6S x 2W
D4
4411 (10)
6S x 2E
D5
4412 (10)
6N x 1W
D6
4413 (10)
6N x 2E
D7
4414 (10)
8S x 1W
D8
4415 (10)
D9
4416 (10)
NW x 3W
D10
4417 (10)
D11
4418 (10)
6S x 3W
D12
4419 (10)
BRYAP
3623 (7)
RIVER
SUTLAHINE
TO WEST SEE MAP 104-K-11-E
Keewatin Engineering Inc.



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to timberline do not clear of snow until May-June. The months of July and August are considered the most favourable months to conduct field work.

The region has a comparatively large mountain goat, black bear and grizzly bear population. Moose are common and frequent the valley lowlands. Beaver dams and lodges are also common in the swamps and streams of these areas.

History

In the late 1960s the Taku Syndicate carried out a magnetometer survey on the Mad and Nut claim groups which covered the southern portion of the King property. The results of the survey, conducted with a ground operated Mcphar M-700 vertical field instrument, complemented the geological mapping. In 1987 Noranda Exploration Ltd conducted a geological and geochemical survey on the KS-1 and KS-2 mineral claims which covered the western part of the King property. Five of 22 rock samples collected during the survey were reported to be anomalous in gold with values ranging from 40-70 ppb. Other anomalous values from altered silicified zones are reported at 228 ppm copper, 13.2 ppm silver, 1,320 ppm lead and 6,200 ppm arsenic (Minfile 104K/28).

GEOLOGY

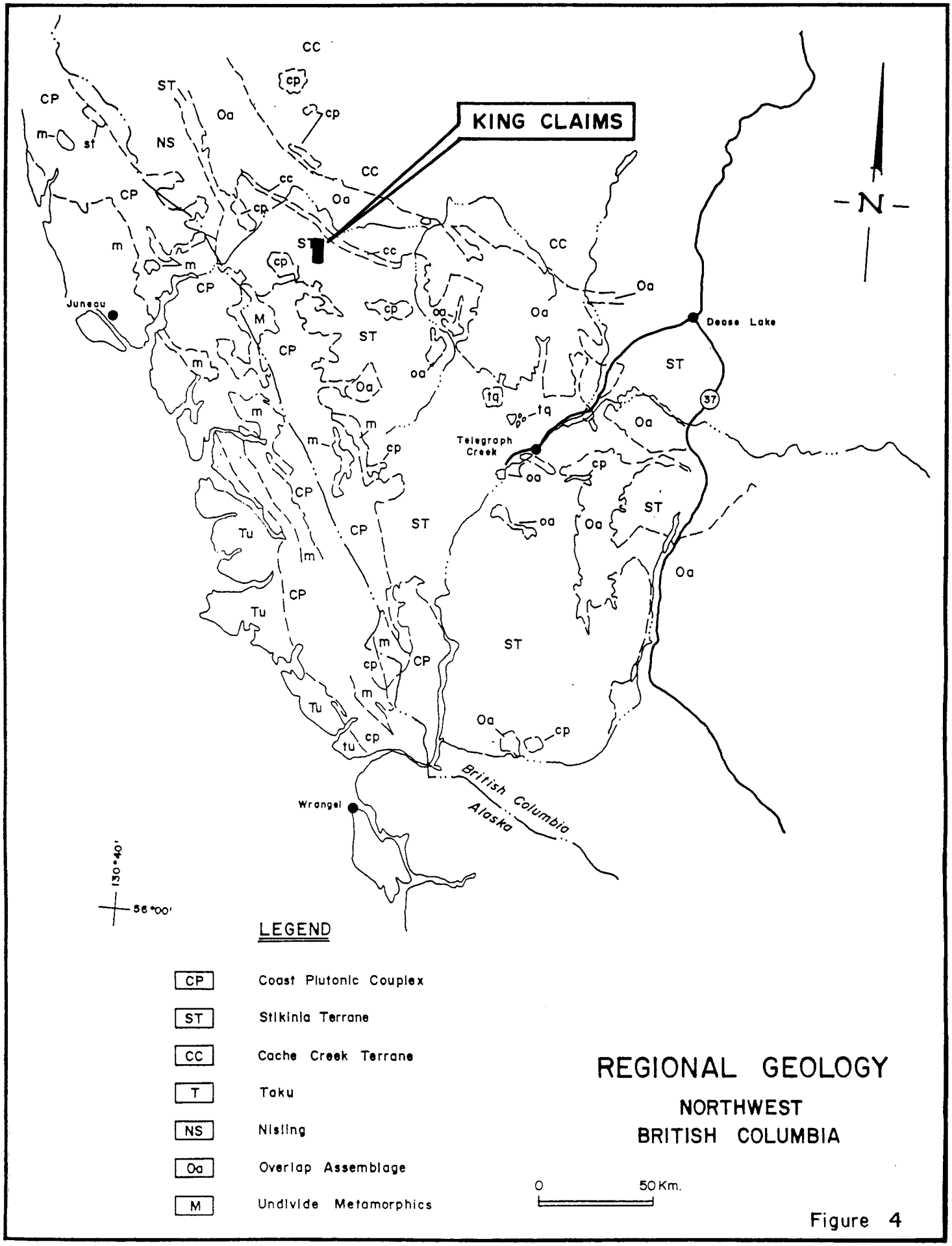
Regional Geology

The property is located at the boundary between the Coast Plutonic Complex and the Intermontane Belt geological provinces of the Canadian Cordillera. The main tectono-stratigraphic pattern conforms to the general Cordilleran pattern of suture zones, affiliated faults, folds, and batholithic axe with a northwest trend.

In the immediate area, upper Triassic Stuhini Group volcanics and sedimentary rocks, plus Lower to Middle Jurassic Laberge Group sedimentary rocks predominate (Figure 4). Sloko Group rhyolite dykes and feldspar porphyry dykes intrude these rocks.

Regional Economic Geology

Previous operating mines in the Tulsequah region were the Polaris Taku, Tulsequah Chief and the Big Bull. Between 1938 and 1951 the Polaris-Taku mine milled produced 683,337 tonnes of ore



REGIONAL GEOLOGY

NORTHWEST BRITISH COLUMBIA

Figure 4

and recovered 7,200,000 grams of gold, 366,000 grams of silver and 80,000 kilograms of copper. Recent possible reserves are reported at 131,500 tonnes grading 13.7 g/t gold (Minfile 104K-003).

The Tulsequah Chief is considered a classic Kuroko-type massive sulphide deposit and was a producer of base metals from 1951 to 1957. Recent drilling by Cominco-Redfern joint venture has discoverd two new sulphide lenses at Tulsequah Chief. Redfern estimates that the Tulsequah Chief contains reserves totalling 8.12 million tonnes grading 1.55% copper, 1.22% lead, 6.81 % zinc 2.57 g/t gold and 102.40 g/t (The Northern Miner, 1st April 1991; gold, silver grades and tonnages converted to metric).

Other reported mineral properties in the Tulsequah region are the Erikson-Ashby and the Red Cap properties (Souther 1971). The former was first staked in 1929 and hand trenched and drilled in 1963. Pyrite, sphalerite, galena and friebergite have replaced limestone which undercuts Stuhini volcanic rocks. These rocks are cut by a large tabular body of fine grained quartz monzodiorite. On the Red Cap property mineralization is related to contacts between a small granodiorite stock and pervasive alteration of the Stuhini volcano-sedimentary rock assemblages. The alteration zone hosts quartz-carbonate-pyrite veins with lesser amounts of sphalerite, galena, chalcopyrite, and arsenopyrite (Souther,1971).

The B.W.M. property is located 3-4 kilometres north of the King claims (Souther, 1971). This property covers a large rusty zone adjacent to a small quartz diorite stock. This stock cuts Upper Triassic volcanic and sedimentary rocks. Both the stock and the altered wall-rock are cut by tabular and irregular masses of pink quartz-feldspar porphyry. Fracture zones within the porphyry and for several feet into the wall rock are filled with drusy quartz veins and vugs containing calcite, limonite and chalcopyrite.

Ten kilometres to the southeast of the King property is the Thorn mineral property (Souther 1971). This property was once owned by the Julian Mining Company Ltd of Vancouver. This property is located in the bottom of a deep narrow valley occupied by a northwesterly flowing tributary of the Sutlahine River. A ridge to the northeast is capped by several thousand feet of Sloko volcanics, whereas a ridge to the southwest consists of Stuhini pillow lavas. Intermittent outcrops in the creek bottom include andesite believed to be altered Stuhini lava and green quartz-feldspar porphyry that may have been part of a feeder system for the overlying Sloko volcanics. The porphyry and nearby andesite contain disseminated pyrite and lesser amounts of chalcopyrite. In addition a stockwork of quartz veins occurs associated with chalcopyrite, tetrahedrite, stibnite and enargite. One

core sample and one float sample collected from this property, in May 1990, gave the following results respectively:

Sample No.	Au ppb	Ag ppm	Cu ppm	Pb ppm	Sb ppm
90 MCR 028	8,005	106.8	1,376	526	436
90 MCR 029	8,501	156.0	1,902	236	1,017

Property Geology

Lithologies

Rocks that underlie the property consist of Upper Triassic Stuhini Group Volcanic sequences, Lower to Middle Jurassic Laberge Group assemblages, Upper Cretaceous-Early Tertiary Sloko Group hornblende granodiorites, rhyolites and felspar porphyries.

The Upper Triassic Stuhini volcanics consist primarily of pyroclastic andesites. As they are spatially close to the Takwahoni contact, they are believed to form the upper assemblages of the Stuhini Group. The andesites are dominantly dark green, but also variably lighter green and locally purple. Within and adjacent to the gossan zones, the Stuhini rocks have been well silicified and disseminated with pyrite.

The Laberge Group sedimentary rocks are represented by the Takwahoni Formation in this region and consist of a thick assemblage of interbedded conglomerates, greywackes, siltstones and shales. These rocks are characterized by rapid facies changes, local unconformities, channelling and other features associated with deposition in a rapidly subsiding basin near a source area of high relief. The conglomerates consist of well rounded pebbles, cobbles, and and some boulders. The majority of this material ranges from 1 cms to 30 cms in diameter. Boulders are rare. These pebbles, cobbles and rare boulders consist of various volcanic, limestone, greywacke, shale and metamorphic rocks. Plutonic clasts are common but they do not dominate the composition of these rocks. Typical exposures of this conglomerate were seen above tree line on the north slopes of the property overlooking King Salmon Lake. The Takwahoni sandstones are apparently greywackes. These, in addition to siltstones and grits were observed during mapping. Where the gossans are exposed, these

rocks have been silicified and disseminated with pyrite, but generally to a lesser degree than the Stuhini assemblages. Rocks of the Takwahoni Formation also host well preserved ammonite fossils.

These volcanic and sedimentary rocks are associated with a complex of hornblende granodiorites, rhyolites, and quartz porphyries and monzonites, in addition to narrow mafic dykes. Souther (1971) grouped all these intrusives as felsic quartz-feldspar porphyries, and biotite hornblende monzonites.

1990 Exploration Program

Between the 1st of June and 3rd of July 1990, Keewatin Engineering Inc. personnel staked 13 mineral claims over gossan zones which now comprise the King property. Only 10 of these claims were recorded.

Three target gossan zones were selected for investigation and designated Zone A, B and C. Zone B is subdivided into the West Gossan and the East Gossan. Zone C is subdivided into the Main Gossan, Southwest Gossan and Southeast Gossan (Maps 1 to 7).

Zone A was subjected to prospecting, reconnaissance mapping and lithogeochemical, soil, and stream silt sampling. Zone B and C were prospected and soil sampled. The total number of samples collected are as follows.

Zone	Soil	Rock	Silt
Zone A	91	51	11
Zone B	63	12	--
Zone C	159	6	2
Total	**313**	**69**	**13**

All samples were forwarded to the ACME Laboratories in Vancouver, B.C. for a 30 element ICP analysis, plus a geochemical wet extraction for gold. A statistical evaluation was made on the analyses. All pertinent data is given in the appendices of this report.

Mineralization

Zones A, B and C

Two pervasive gossan zones, designated A and C were investigated. A third gossan zone, designated B, lies outside the claim group. The B gossan was staked, but not recorded due to initial low geochemical results of samples collected.

Zone A covers the northern portion of the King property, while Zone C covers the southern portion.

Zone A

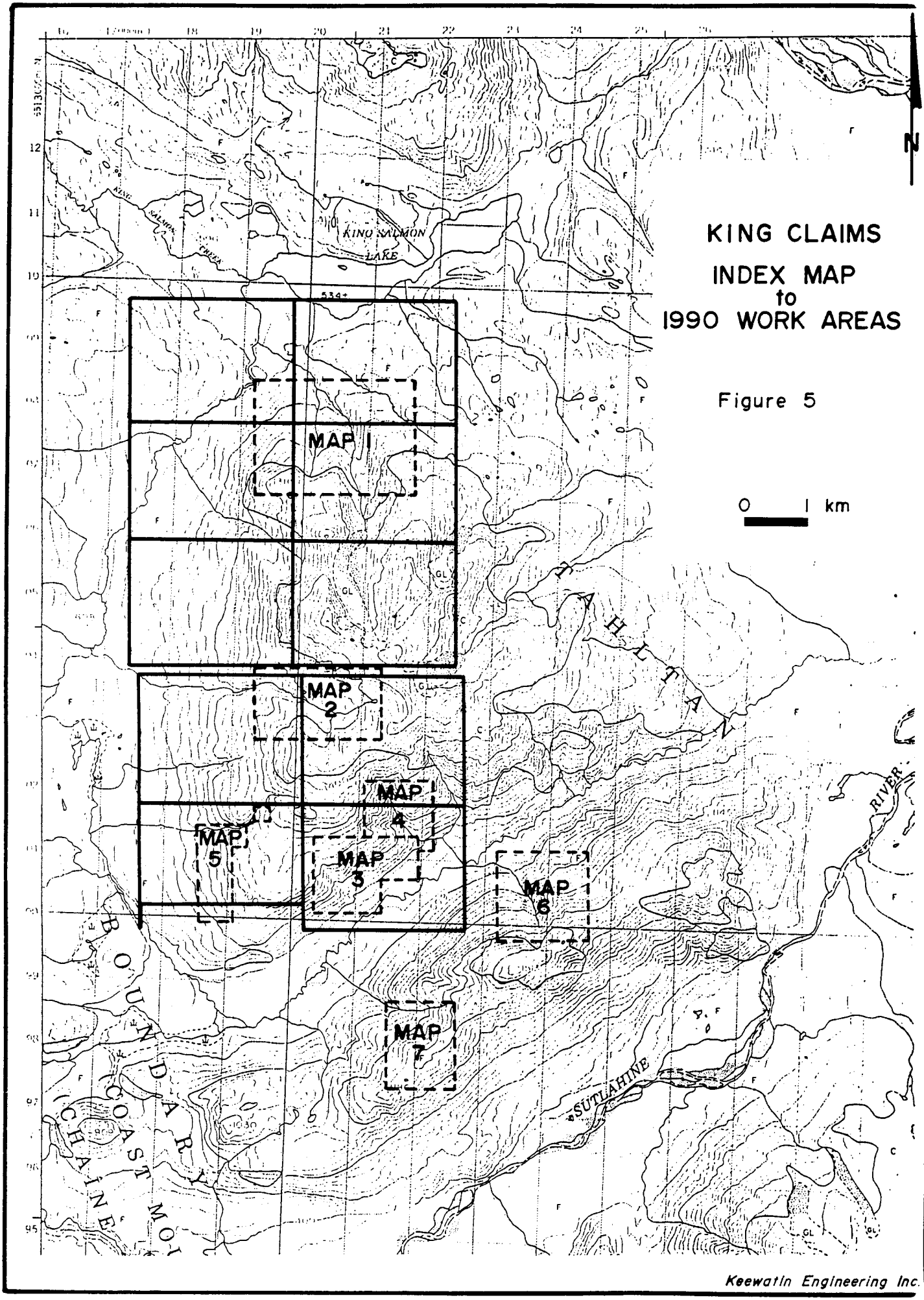
Zone A covers an area of approximatly 230 hectares (Figure 5 and Map 1). It lies between 1,000 metres (3,200 feet) and 1,320 metres (4,300 feet) elevation on a downward slope towards King Salmon Lake. Two tributary creeks designated as East and West Creeks creeks, drain two north facing cirques. Zone A gossan, which is considered to have the most potential of the three zones, is exposed in gullies of the East and West Creek.

Takwahoni Formation sedimentary rocks underlie the north and east part of the zone. Stuhini Group andesitic pyroclastic rocks underlie the south and southwest part of the zone. Three distinct leucocratic types of intrusives occur within the zone. These are:

1) Light coloured medium grained hornblende granodiorite.
2) Two north-west trending dykes of rhyolitic composition
3) East trending feldspar porphyry dykes.

At several locations narrow easterly trending fine grained mafic dykes were also noted.

Generally, within zone A, the hornblende granodiorite rocks are highly silicified and contain disseminated pyrite averaging 5% by visual estimate. Local concentrations up to 10% pyrite occur. Traces of molybdenite are also observed associated with this rock type. Where the Stuhini volcanics have been intruded by granodiorite, they have also been silicified and pyritized. This alteration appears to decrease both laterally and vertically away from the intrusive. The dykes of rhyolitic composition are only sporadically pyritized. However,


KING CLAIMS
INDEX MAP
to
1990 WORK AREAS
Figure 5
0 1 km
N
KING SALMON LAKE
MAP 1
MAP 2
MAP 3
MAP 4
MAP 5
MAP 6
MAP 7
TAHLTAN
RIVER
SUTLAHINE
BOUNDARY
COAST MOUNTAINS
Keewatin Engineering Inc.

within Zone A, the contact walls to the mafic dykes are highly altered. The Takwahoni Group rocks appear less susceptible to silicification and pyritization than do the Stuhini Group rocks.

The gossans on West Creek extend for 600 metres down stream, and are more intensively ferruginous than those on East Creek. East Creek shows more variable geology and mineralization. In East Creek strong malachite and azurite staining occur within and immediately adjacent to a fault trending 056-65 degrees. The fault cross cuts sedimentary rocks of the Takwahoni Formation. Local massive pods of chalcopyrite and coarse subhedral pyrite were noted within highly fractured altered rocks along the fault. This fault averages one metre in width, and can be traced for 40 metres. Three rock samples collected from mineralized pods gave the following analyses:

Sample No.	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm
90 MSR 005a	100	416.4	71,078	422	1,641	58
90 MSR 006	15	12.4	6,411	111	2,129	13
90 MSR 007	46	6.2	520	60	104	217

Skarn development was noted in two separate outcrops and as a float train in Zone A. One skarn was noted in outcrop near a sheeted quartz vein zone at the upper end of West Creek. Mineralization here is exhibited as coarse pods of galena, sphalerite and pyrrhotite in fracture fill within andesitic pyroclastic rocks. Skarn mineral assemblages consist of actinolite-epidote-calcite-quartz. One rock sample gave the following analysis:

Sample No.	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm
90 MIR 022	210	103.3	8,737	15,155	43,611	330

In East Creek, sphalerite, pyrrhotite and pyrite occur along a 15 cm wide northeasterly trending shear zone exposed for a strike length of 45 metres. One rock sample gave the following result:

Sample No.	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm
90 MSR 003	56	7.7	842	110	49,590	1,218

In the southeastern sector of Zone A, on East Creek, a boulder train of carbonate rock containing massive galena and associated malachite and azurite was noted. The source area probably occurs outside the area mapped and appears to be limited in extent, as the train was only 1.0 metre wide. One float sample gave the following value:

Sample No.	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm
90 MCR 013	69	150.4	1,035	24,922	36,748	33

Of most signifcance in Zone A is a major lineament located in the South west area near West Creek. This lineament trends 070° and can be traced for 1.5 kilometres to the northeast onto the Zone of skarn on East Creek already described. On West Creek this lineament is represented by a steeply south dipping chalcedonic quartz-carbonate breccia zone up to 5 metres thick. Along the lineaments projected strike, on East creek, a stream silt sample gave the following result:

Sample No.	Au ppb
90 MIL 002	1,220

Zone C

Zone C covers three gossans. These have been named the Main Gossan, the Southeast Gossan and the Southwest Gossan (maps 2-5). The total area is estimated at 500 hectares. The Main Gossan lies within a large west facing cirque, drained by a west flowing creek and four tributaries. Highly gossanous zones of limonite and jarosite outcrop in the steep gullies of three tributaries. Gossanous float is abundant in the creeks.

Within the Main Gossan, the south side of the cirque is flanked by Laberge Group pelitic rocks, referred to here as ferruginous hornfels. They form a monotonous sequence, estimated to be 100 metres in section, of bedded dark grey to light grey outcrop. This rock contains disseminated pyrite and possibly minor pyrrhotite. Oxidation of these sulphides has given the entire section a pervasive ferruginous stain. In this section the sequence strikes 110 azimuth and dips 40° to the south. Rare lenses of recrystallized carbonate epidote skarns are associated with these rocks. Also within this sequence, approximately at 50 metres below the rim of the cirque, a hornblende granodiorite sill is exposed between ferruginous hornfels. Other large exposures of similar hornblende granodiorite occur in the northwest part of the cirque, where the granodiorite grades into quartz-feldspar porphyry, quartz-eye porphyry, and monzonite. These rocks have been partially sericitized. Pyrite and lesser pyrrhotite is disseminated in these intrusive rocks, causing ferruginous staining. Associated with the more leucocratic varieties of these rocks are disseminated molybdenite flakes, less than 1 mm in diameter. It is not conclusively known if these intrusive rocks are sills, dykes or stocks, but they appear to have a northwest trend. The northeastern part of the west facing cirque is underlain by Stuhini Group volcanic rocks and these are less altered.

The most spectacular gossans are in the creek gullies, extending in length for up to 100 metres. These gossan exposures are fractured, sheared, silicified, and sometimes argillically altered.

The only quartz-carbonate veins present are located within the west flowing creek at the extreme western end of the map area (Map 2). They total 3 in number, are mineralized with patchy zones of galena, chalcopyrite, and stained with malachite and azurite. They average 15 cm in width. Two of them can be traced for 20 metres. The third vein is 10 cm wide, and occurs 100 metres down stream along the strike of the first two veins. All these veins are associated with east-west trending steeply dipping shear zones averaging 30 cm wide. Three grab samples gave the following analyses:

Sample No.	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm
90 MCR 023	9	38.0	4,121	1,918	7,627	167
90 MCR 026	2	30.3	3,326	69	259	8
90 MCR 027	70	131.9	167	734	1,376	6

The Southwest and Southeast Gossan areas are dominated by Laberge Group sedimentary rocks, and limited outcrops of white grey leucocratic granite, quartz porphyry, white aphanitic rhyolite, magnetic plagioclase-hornblende poryhyry dykes, and quartz-feldspar porphyry dykes. Calcite veining and gossan zones are present locally.

Zone B

This zone falls outside the King property, and is centred 4 kilometres southeast of Zone C. Zone B was staked but not recorded and is mentioned here only for completeness. Zone B consists of two gossans: the East Gossan and the West Gossan, comprising an estimated 80 hectares (Figure 5 and Maps 6 & 7).

East Gossan

The East Gossan zone is estimated to be 1,230 m by 250 m and is situated on the north slope of a ridge between 640 m (2,050 feet) and 1,120 m (3,580 feet) elevation. Disseminated pyrite, estimated at 2%-5% occurs in Laberge Group fine grained clastics. Oxidation of the pyrite has produced a strongly ferruginous overprinting of the commonly banded, light grey to brownish purple rocks. At least five distinct varieties of dyke rocks, similar to those found elsewhere, occur within the East Gossan zone. No mineralization was found.

West Gossan

This gossan is situated on a ridge summit at approximately 1,200 m elevation (3,840 feet). It has a diameter of 750 m and is open to the south.

Highly altered porphyry rocks of dacitic (?) composition have been intensely silicified and pyritized. They trend northeast through the northern part of the West Gossan. Associated Laberge Group sedimentary rocks are silicified and fractured, sometimes exhibiting a chert-like appearance. It is estimated that both rock types are impregnated with up to 5% disseminated pyrite but no other mineralization was noted.

Geochemical Survey

Zone A

Gold values are plotted on Map 1. Other anomalous geochemical values are also highlighted on this map. The anomalous lithogechemical samples have been discussed, and so only soil and silt sample values will be dealt with here.

In this zone the following soil sample is considered the most significantly anomalous in gold and is from a skarn on East Creek.

Sample No.	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm
90 MSS 004	490	130.6	20,632	3,556	5,691	200

The following soils located on the West Creek are considered weakly anomalous in gold:

Sample No.	Au ppb
90 MCS 016	112
90 MCS 017	133
90 MCS 018	101

A very weak gold soil anomaly occurs at the upper headwaters of East Creek:

Sample No.	Au ppb
90 MCS 007	92
90 MCS 008	99
90 MCS 009B	112

The following stream silt sample on East Creek is considered highly anomalous in gold. It occurs below the conjectural lineament extending from West Creek.

Sample No.	Au ppb
90 MIL 002	1,220

Several soil and talus fine samples are anomalous in molybdenum and copper:

Sample No.	Cu ppm	Mo ppm
90 MCS 027	452	159
90 MCS 029	523	299
90 MCS 026	406	212
90 MCS 024	402	162

Other anomalous copper stream silt samples are:

Sample No.	Cu ppm
90 MSL 004	854
90 MIL 001	830
90 MIL 004	765

Zone A reflects a weak porphyry copper-molybdenum system with local skarn deposits of silver-copper-lead-zinc-arsenic. Gold may be associated with a northeast trending fault.

Zone C

A cluster of anomalous molybdenum soil samples with elevated copper values occur in the central part of the Main Zone, and are tabulated below:

Sample No.	Cu ppm	Mo ppm
90 MCS 063	384	134
90 MCS 064	846	237
90 MCS 065	499	108
90 MCS 066	647	222
90 MCS 070	427	101

The Southeast and Southwest Gossans show persistant elevated arsenic in soils, ranging between 51 ppm and 2,044 ppm (90 MSS-C: 860 m/6+50S). These high arsenic values are not associated with elevated gold values.

The geochemical signature of the Main Gossan reflects a weak porphyry copper-molybdenum system central to the zone, with the southeast gossan suggesting a peripheral arsenic halo to this system. Peripheral shearing hosts rare quartz carbonate veins up to 15 cms wide and carry minor copper, silver, lead and zinc mineralization.

Zone B

One sample collected from the East Gossan gave a weak gold-silver-lead-zinc-arsenic response:

Sample No.	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm
90 MSS 036	90	11.5	90	1,850	635	799

Three soil samples collected in the same gossan, grouped close to each other, are strongly anomalous in molybdenum. These samples also show elevated values in copper; results are tabulated below:

Sample No.	Cu ppm	Mo ppm
90 MSS 023	709	152
90 MSS 024	200	78
90 MSS 025	555	105

Zone B reflects a weak porphyry copper-molybdenum system, with associated local skarn mineralization of silver-lead-zinc-arsenic.

CONCLUSIONS

The King property covers several large gossan zones in two areas. A third gossanous area lies outside the property boundaries. These gossan zones are underlain by Upper Triassic Stuhini Group volcanic and sedimentary rocks, Lower-Middle Jurassic Laberge Group Sedimentary rocks and Sloko Group intrusive rocks. The Stuhini Group rocks have been subjected to intense silicification and pyritization, possibly caused by the hornblende granodiorite intrusives and to a lesser degree, by the rhyolite, quartz-eye and monzonite intrusions. The hornblende granodiorite appears to be the most silicified and pyritized, and where the intrusive is in contact with the Stuhini group volcanics, the volcanics are highly altered both vertically and laterally. The Laberge Group sedimentary rocks have not been as pervasively altered as the Stuhini Group.

Oxidation of the disseminated pyrite has caused the gossan zones to develop. Sparsely disseminated molybdenite occurs adjacent to fractures and shears in Zone A and in the Main Gossan in Zone C. Attendant high molybdenite anomalies in soil samples and weaker copper values in the same samples suggests a weak porphyry copper-molybdenum system. This system is associated with local copper-lead-zinc-silver skarns in Zone A. In Zone C the system is associated with narrow quartz-carbonate veins hosting copper, lead, zinc, and silver. These veins are associated with narrow east-west shears. Outside the property, on Zone B, a weak copper-molybdenum system is present.

No signifcant gold anomaly was recognized on the King property. However, a gold anomalous stream silt sample may be affiliated with a conjectural northeast striking fault. This, with limited skarnification, suggest Zone A gossan has some potential for hidden gold mineralization.

RECOMMENDATIONS

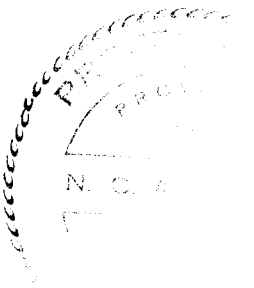
Limited follow-up work should be confined to Zone A. It is recommended that a compass and chain grid should be established over the strike length of the lineament, with a 100 metre line spacing and 25 m station spacing. Magnetometer, VLF-EM and geochemical soil sampling surveys are recommended over this same grid. Rock sampling and geological mapping should also be done over the areas immediately adjacent to the lineament.

If this work proves encouraging, trenching and sampling of the anomalous zones may be warranted.

Respectfully submitted

KEEWATIN ENGINEERING INC.

N. Clive Aspinall, M.Sc.,P.Eng.



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STATEMENT OF QUALIFICATIONS

I, N. CLIVE ASPINALL, of 117 - 230 Haro Street, in the City of Vancouver, in the Province of British Columbia, do hereby certify that:

1. I am a Consulting Geologist with the firm of Keewatin Engineering Inc. with offices at #800 - 900 West Hastings Street, Vancouver, B.C. V6C 1E5.

2. I am a graduate of McGill University with a Bachelor of Science degree in 1964 and a Master of Science degree from Cambourne School of Mines in 1987, in Mining Geology and I have practised my profession for 26 years.

3. I am a member in good standing of the Association of Professional Engineers of British Columbia and a Fellow of the Geological Association of Canada.

4. I am the author of the report entitled "Geological and Geochemical Report on the King Claims 2-6, 10-14, Atlin Mining Division, British Columbia", dated June 7, 1991.

5. I do not own, or expect to receive any interest (direct, indirect or contingent) in the property described herein, nor in the securities of **Solomon Resources Limited**, in respect of services rendered in the preparation of this report.

Dated at Vancouver, British Columbia this 7th day of June, 1991.

Respectfully submitted,

N. Clive Aspinall, M.Sc., P.Eng.

APPENDIX I

Statement of Costs

STATEMENT OF COSTS

Salaries

D. DuPre	0.5 days @ $425/day	$ 212.50	
C. Aspinall	25.0 days @ $425/day	10,625.00	
D. Strain	20.0 days @ $300/day	6,000.00	
I. Coster	20.0 days @ $350/day	7,000.00	
L. Goodwin	6.0 days @ $250/day	1,500.00	
S. Radford	6.0 days @ $215/day	1,290.00	
D. Jack	20.0 days @ $300/day	4,800.00	
A. Skey	14.0 days @ $250/day	3,500.00	
C. Goodwin	24.0 days @ $250/day	3,500.00	
			$38,427.50
Camp Costs	125.0 days @ $ 60/day		7,500.00
Field Equipment Rentals	125.0 days @ $ 15/day		1,875.00
Accommodation and Travel			2,482.32
Fixed Wing			1,677.36
Helicopter Costs	40.0 hrs @ $718.70/hour		28,748.00
Expediting			915.00
Reporting, Drafting, Typing, etc.			6,000.00
TOTAL EXPENDITURES:			**$87,625.18**

APPENDIX II

Sample Analysis Sheets

ASSAY RESULTS KING CLAIMS
ZONE A

ELEMENT	Au*	Ag	Cu	Pb	Zn	As	Ni	Co	Mn	Fe	Mo	Cd	Sb	Bi	V	Cr	Ba
UNIT	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
SOILS																	
90 MCS 004	56	6.9	434	366	290	390	15	49	6896	10.75	3	5.2	6	10	88	19	667
90 MCS 005	67	2.1	545	67	202	258	5	52	3714	14.07	12	3.2	2	8	62	9	191
90 MCS 006	20	1.6	376	14	74	147	11	37	1036	33.09	21	0.6	6	6	105	13	47
90 MCS 007	92	1.5	107	279	305	106	11	39	2341	8.86	50	0.9	6	4	44	6	177
90 MCS 008	99	2.7	391	686	337	411	21	55	4426	9.92	2	6.6	2	2	120	26	114
90 MCS 009A	23	0.9	181	47	152	82	19	40	1979	9.57	2	3.7	2	2	137	23	138
90 MCS 009B	112	0.8	191	37	103	80	17	22	1197	9.41	1	3.5	2	10	138	24	95
90 MCS 010	20	1.3	65	24	46	57	8	12	503	6.75	4	0.2	5	4	143	19	75
90 MCS 011	31	1.2	345	27	71	97	8	27	574	22.71	73	6.2	3	3	124	15	37
90 MCS 012	32	1.6	1066	49	195	119	17	80	1767	16.44	60	9.7	5	2	161	15	109
90 MCS 013	5	0.7	115	48	117	66	13	20	1987	6.26	4	0.4	2	2	111	24	119
90 MCS 014	27	1.1	286	44	485	166	16	30	1217	11.85	7	4.4	5	8	100	22	54
90 MCS 015	21	0.9	141	35	247	87	33	28	1282	6.23	3	1.2	3	2	99	34	122
90 MCS 016	112	3.6	957	64	148	181	19	101	4434	21.17	21	6.3	4	34	174	13	94
90 MCS 017	133	1.8	413	20	68	62	11	42	696	19.94	13	4.3	5	4	115	11	33
90 MCS 018	101	1.2	251	26	67	101	6	37	599	18.68	11	6.2	2	2	211	11	48
90 MCS 019	48	1.2	325	36	48	69	7	23	350	17.18	18	7.6	4	11	169	14	52
90 MCS 020	66	1	398	28	68	66	6	21	419	15.21	44	6.1	4	8	149	12	67
90 MCS 021	2	0.7	337	20	45	21	3	13	260	11.85	37	6	2	9	217	16	160
90 MCS 022	3	1	197	17	34	16	10	8	119	9.97	66	4.9	2	4	293	27	98
90 MCS 023	1	0.7	252	22	72	41	15	22	696	6.93	33	0.3	5	2	93	17	144
90 MCS 024	2	1.3	402	34	49	24	3	26	438	20.23	162	8.4	76	12	44	9	77
90 MCS 025	2	2.9	625	25	30	48	1	33	488	15.66	473	3	5	2	44	5	141
90 MCS 026	3	1.7	406	33	55	32	11	23	508	10.09	212	1.4	12	6	53	12	238
90 MCS 027	12	1	452	29	72	47	12	21	570	8.79	159	1.2	12	3	82	21	229
90 MCS 028	5	0.6	186	19	67	38	13	16	492	5.67	37	0.2	6	6	81	23	121
90 MCS 029	15	1.5	523	25	48	54	3	19	292	27.17	299	5.1	6	8	64	6	89
90 MCS 030	19	3.4	849	168	141	256	8	27	756	13.52	14	2.3	5	5	139	15	60
90 MCS 031	42	2.7	473	108	166	79	17	82	3524	16.03	50	6.2	2	13	189	24	27
90 MCS 032	16	2.5	462	148	142	234	53	151	7923	23.26	54	6	5	10	81	10	77
90 MIS 001	51	1.8	473	16	64	51	7	41	674	17.82	14	3.8	8	21	106	10	31
90 MIS 002	31	1.8	338	25	76	41	7	31	442	21.48	30	3.6	2	11	104	8	44
90 MIS 003	16	0.6	1222	2	74	56	17	84	1053	26.94	63	6.9	2	13	160	7	61
90 MIS 004																	
90 MIS-A:1140m/0+00E	3	0.4	78	52	184	41	18	21	1466	5.75	2	1	2	4	108	35	78
90 MIS-A:1140m/0+50E	10	0.8	59	25	37	31	8	8	238	5.43	2	0.2	2	2	103	23	42
90 MIS-A:1140m/1+00E	1	0.8	57	19	54	17	7	9	451	2.82	2	0.7	2	3	73	14	87
90 MIS-A:1140m/1+50E	7	1.2	49	33	70	44	11	12	599	7.81	3	0.3	2	5	166	23	69
90 MIS-A:1140m/2+00E	3	0.5	43	28	60	35	10	9	308	7.24	4	0.4	2	2	123	29	58
90 MIS-A:1140m/2+50E	12	0.4	78	34	83	34	17	15	653	6.15	2	0.6	4	2	90	24	86
90 MIS-A:1140m/3+00E	2	0.9	42	27	64	29	10	9	425	5.74	3	0.3	2	6	88	25	67
90 MIS-A:1140m/3+50E	29	1	158	27	48	51	9	17	807	10.94	8	0.7	3	11	161	22	72
90 MIS-A:1140m/4+00E	3	0.2	55	21	19	17	3	6	135	8.05	5	0.2	2	2	103	17	43
90 MIS-A:1140m/4+50E	21	1.4	147	31	29	28	6	13	565	12.71	8	0.2	2	13	140	30	24
90 MIS-A:1140m/5+00E	38	1.1	111	12	23	17	4	14	271	8.38	4	0.5	2	8	106	15	41
90 MIS-A:1140m/5+50E	10	0.9	68	24	45	29	9	10	480	7.65	13	0.2	3	2	111	28	47
90 MIS-A:1140m/6+00E	11	0.5	48	13	24	22	4	7	112	5.35	7	0.2	3	2	73	14	42
90 MIS-A:1140m/6+50E	8	0.7	85	19	41	22	6	8	201	6.46	3	0.3	3	2	94	21	44

ASSAY RESULTS KING CLAIMS
ZONE A

ELEMENT UNIT	Au* ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Ni ppm	Co ppm	Mn ppm	Fe %	Mo ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Cr ppm	Ba ppm
90 MIS-A:1140m/7+00E	57	1	278	25	27	7	5	8	140	9.64	21	0.4	2	3	107	9	57
90 MIS-A:1140m/7+50E	19	0.9	213	141	616	122	26	44	2233	7.06	3	3.8	4	2	101	28	79
90 MIS-A:1140m/8+10E	94	3.3	614	85	583	645	19	73	3540	13.37	10	3.7	2	8	138	15	54
90 MSS 001	39	1.1	143	33	245	113	11	15	704	9.04	4	0.6	2	29	63	15	49
90 MSS 002	46	3.8	727	110	806	736	33	125	2931	16.52	9	11.2	4	7	99	17	199
90 MSS 003	68	3	534	113	97	60	8	21	536	20.93	16	1.1	2	29	233	13	40
90 MSS 004	490	130.6	20632	3556	5691	200	85	25	2648	16.79	61	63.7	2	86	103	20	11
90 MSS-A:960m/0+00E	35	0.8	445	35	75	55	13	20	349	8.41	56	0.2	6	2	88	16	105
90 MSS-A:960m/0+57E	21	1.8	401	61	88	16	5	6	91	5.09	69	0.9	3	2	72	14	116
90 MSS-A:960m/1+00E	4	0.7	107	19	37	23	7	8	159	7.06	26	0.2	2	2	126	18	57
90 MSS-A:960m/1+50E	7	0.8	122	24	53	45	10	10	224	7.79	31	0.2	2	2	114	27	72
90 MSS-A:960m/2+00E	7	0.3	100	28	54	61	16	13	384	7.96	14	0.2	4	2	107	30	63
90 MSS-A:960m/2+50E	6	0.6	77	23	48	27	13	11	210	7.75	5	0.2	7	2	141	24	70
90 MSS-A:960m/3+00E	7	0.4	70	23	56	25	18	13	421	8.26	4	0.2	3	2	115	39	73
90 MSS-A:960m/3+50E	11	0.8	74	11	49	17	20	10	225	5.22	3	0.3	6	3	83	33	63
90 MSS-A:960m/4+00E	14	0.1	48	7	26	3	36	6	101	7.58	8	0.3	2	2	105	153	147
90 MSS-A:960m/4+58E	7	1.4	369	28	19	18	7	10	92	15	7	0.2	2	5	51	35	28
90 MSS-A:960m/5+02E	5	0.4	114	22	53	25	15	13	352	6.8	3	0.2	6	2	94	40	54
90 MSS-A:960m/5+50E	9	1.4	285	26	29	27	8	7	111	6.66	15	0.2	4	2	81	26	45
90 MSS-A:960m/6+10E	4	0.8	46	12	86	28	18	10	326	4.25	18	0.2	3	2	84	27	80
90 MSS-A:960m/6+50E	8	0.5	66	17	87	38	24	14	680	6.14	3	0.2	3	2	95	28	86
90 MSS-A:960m/6+80E	8	0.8	55	37	50	93	8	10	174	8.64	6	0.2	7	2	164	21	119
90 MSS-A:1040m/0+00E	23	0.4	172	6	43	13	4	6	242	7.91	6	1.1	2	2	262	17	158
90 MSS-A:1040m/0+50E	8	0.4	92	24	59	50	15	13	451	8.84	10	0.8	4	2	122	27	61
90 MSS-A:1040m/1+00E	1	0.1	97	21	81	49	21	15	761	7.94	6	0.7	4	2	124	30	77
90 MSS-A:1040m/1+50E	3	0.3	86	19	112	108	26	20	996	5.75	2	0.4	5	2	95	31	103
90 MSS-A:1040m/2+00E	12	0.5	294	17	34	20	8	9	173	11.49	14	1.4	2	4	90	12	123
90 MSS-A:1040m/2+50E	10	0.7	109	17	22	24	5	6	78	6.46	16	0.2	2	2	139	12	34
90 MSS-A:1040m/3+00E	6	0.3	95	24	29	47	7	8	191	8.33	10	0.8	2	7	68	29	87
90 MSS-A:1040m/3+50E	12	0.4	99	21	23	40	5	7	75	8.93	8	0.5	2	3	71	21	51
90 MSS-A:1040m/4+00E	20	1.3	352	17	28	53	4	11	98	21.91	19	1.3	2	10	73	9	32
90 MSS-A:1040m/4+22E	19	1.5	284	29	57	42	11	18	296	15.21	22	1.3	2	4	64	11	41
90 MSS-A:1040m/5+50E	4	0.4	83	29	160	76	29	15	529	6.03	3	0.6	4	2	95	33	110
90 MSS-A:1040m/6+00E	5	0.6	82	30	88	80	13	11	339	6.05	8	0.6	2	2	120	28	110
90 MDS-A:1140m/0+60S	4	0.5	90	19	62	28	12	11	478	4.13	1	0.2	2	2	89	27	93
90 MDS-A:1140m/1+00S	9	0.6	95	25	55	50	14	11	395	5.72	2	0.4	2	2	110	31	65
90 MDS-A:1140m/1+60S	1	0.4	95	36	76	43	11	21	1948	6.53	1	0.2	2	5	151	24	84
90 MDS-A:1140m/2+00S	6	1.2	125	36	73	55	9	25	1503	9.34	1	1	2	2	151	24	70
90 MDS-A:1140m/2+50S	6	0.4	145	32	124	52	7	31	2820	8.22	1	0.7	2	2	170	12	127
90 MDS-A:1140m/3+13S	5	2.2	183	107	467	497	12	45	3177	8.69	1	4.2	2	3	191	17	70
90 MDS-A:1140m/3+63S	4	0.4	37	28	93	38	11	14	594	6.13	2	0.8	2	5	141	21	88
90 MDS-A:1140m/4+55S	1	0.3	114	41	124	45	14	31	2302	6.98	1	1.2	2	5	176	25	71
90 MDS-A:1140m/5+00S	27	0.6	220	23	121	27	15	28	2894	7.06	1	1.5	2	3	243	18	93
SILTS																	
90 MIL 001	17	0.3	830	16	111	33	12	55	712	8.44	42	1.3	4	3	130	10	162
90 MIL 002	1220	0.3	171	31	416	93	24	24	937	6.81	9	3.3	3	2	119	19	135
90 MIL 003	25	0.1	734	11	92	24	13	49	687	7.14	45	0.8	2	2	114	10	152
90 MIL 004	9	0.1	765	15	115	28	15	58	759	7.39	46	1.3	5	2	114	11	186

ASSAY RESULTS KING CLAIMS
ZONE A

ELEMENT UNIT	Au* ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Ni ppm	Co ppm	Mn ppm	Fe %	Mo ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Cr ppm	Ba ppm
90 MSL 001	4	0.4	141	47	188	98	19	25	967	6.8	5	1.2	2	2	105	19	234
90 MSL 002	1	0.3	141	52	218	104	20	24	1001	6.6	5	1.4	2	2	106	20	200
90 MSL 003	5	0.6	132	21	261	36	31	23	1239	4.45	13	2	4	5	66	23	81
90 MSL 004	26	0.2	854	24	131	41	15	62	812	8.2	51	1.4	3	2	120	11	182
90 MSL 005	18	1.8	369	69	431	124	26	29	1088	6.84	6	2.8	3	2	97	22	212
90 MDL 001	17	0.5	104	39	345	114	25	28	969	6.86	5	1.9	2	2	99	20	173
90 MDL 002	13	0.7	151	57	339	129	25	29	1065	7.08	5	2.4	5	2	99	21	185
ROCKS																	
90 MCR 010	6	0.1	118	2	30	34	12	8	533	2.54	3	0.2	4	2	46	9	10
90 MCR 011	40	1.2	43	44	68	111	6	8	428	5.99	5	0.2	2	4	59	6	29
90 MCR 012	51	1.9	14	18	132	63	10	24	1280	8.74	13	1.1	2	13	57	6	17
90 MCR 013	69	150.4	1035	24992	36748	33	4	5	4806	1.94	2	553.8	132	2	17	3	19
90 MCR 015	7	0.4	59	40	35	2	4	6	37	2.31	159	0.2	2	2	19	5	108
90 MCR 016	76	2.9	25	43	173	256	13	62	2711	15.26	12	1.9	2	5	104	8	17
90 MIR 001	27	0.4	26	20	46	3	6	16	326	5.99	2	0.2	2	8	69	8	25
90 MIR 002	11	0.1	12	15	55	2	7	7	193	3.73	9	0.2	2	2	50	6	16
90 MIR 003	27	0.3	25	7	17	6	5	13	236	4.76	2	0.2	2	9	74	8	10
90 MIR 004	92	0.7	17	45	25	484	5	16	56	6.09	7	0.2	2	2	52	5	13
90 MIR 005	76	0.4	111	45	22	49	5	44	131	12.61	7	0.2	2	13	75	5	7
90 MIR 006	21	0.6	150	16	33	6	16	28	122	8.96	27	0.3	2	7	158	36	18
90 MIR 007	4	0.1	17	8	11	2	6	4	46	2.68	41	0.2	2	5	17	5	126
90 MIR 008	9	0.4	46	14	17	2	7	5	30	2.22	67	0.2	2	8	3	5	43
90 MIR 009	11	0.3	44	16	14	30	7	14	84	4.02	122	0.2	6	3	12	7	31
90 MIR 010	7	0.7	39	16	5	10	9	10	36	5.8	34	0.2	8	10	3	9	17
90 MIR 011	62	2	807	27	99999	110	33	126	1792	14.47	3	1102.4	2	54	7	4	3
90 MIR 012a	7	0.3	623	13	252	12	15	41	428	15.37	3	2.4	2	10	13	13	13
90 MIR 012b	80	26.2	638	3684	1274	259	7	13	663	8.43	6	10.7	3	29	139	7	83
90 MIR 013	110	18.6	397	929	769	264	7	10	441	6.92	8	5.1	6	11	115	11	31
90 MIR 014	16	0.8	115	24	26	8	4	9	28	8.77	71	0.2	2	6	23	3	48
90 MIR 015	480	1	93	55	34	24	4	8	34	9.53	9	0.2	2	3	52	3	48
90 MIR 016	35	0.3	174	40	45	6	9	12	87	5.43	9	0.3	2	8	53	30	27
90 MIR 017	22	1.5	39	12	56	25	14	8	185	1.84	108	0.3	2	3	29	11	6
90 MIR 018	40	0.7	29	9	15	15	13	5	201	1.47	17	0.2	2	2	17	12	36
90 MIR 019	30	0.2	10	2	53	11	5	4	1566	1.08	5	0.3	2	2	12	5	15
90 MIR 020	26	0.6	23	66	226	13	9	3	172	0.89	4	1.7	2	2	13	9	18
90 MIR 021	32	0.1	18	15	50	14	8	3	192	1.06	5	0.3	2	2	16	7	12
90 MIR 022	210	103.3	8737	15155	43611	330	5	53	3088	8.49	1	486.2	2	101	80	1	5
90 MIR 023	32	1.2	30	24	56	22	14	8	398	1.86	80	0.3	2	2	25	11	84
90 MIR 024	750	3.2	25	44	44	500	1	1	50	2.28	68	0.3	3	5	11	2	64
90 MDR 001	10	3.1	1060	1193	1412	6	21	5	911	3.11	4	11.6	2	2	74	25	114
90 MSC 001	10	0.1	111	10	2432	5	15	8	1326	6.64	5	17.7	2	22	48	13	5
90 MSC 002	37	0.7	128	15	3463	15	11	10	1263	7.81	2	24.7	2	46	27	6	5
90 MSC 003	17	0.1	24	7	1186	3	8	6	1692	3.68	1	8.3	2	2	36	6	17
90 MSC 004	6	2.1	95	278	605	7	6	2	90	2.17	3	5.4	2	5	4	4	28
90 MSC 005	26	0.7	28	16	30	13	12	5	59	4.34	2	0.2	2	11	20	16	45
90 MSC 006	4	0.1	34	10	143	23	37	22	719	6.08	2	2.4	4	2	124	54	88
90 MSR 001	2	0.1	65	12	21	2	9	6	65	5.86	3	0.5	2	2	18	5	10
90 MSR 002	9	0.1	76	3	5429	2	7	7	1756	4.27	2	40.8	2	3	27	6	9

ASSAY RESULTS KING CLAIMS
ZONE A

ELEMENT UNIT	Au* ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Ni ppm	Co ppm	Mn ppm	Fe %	Mo ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Cr ppm	Ba ppm
90 MSR 003	56	7.7	842	110	49590	1218	6	74	1128	21.19	5	514.6	32	66	26	4	4
90 MSR 004	6	0.2	8	10	125	11	7	9	17	6.79	6	1.1	2	12	2	4	12
90 MSR 005a	100	416.4	71078	422	1641	58	31	16	1714	15.98	5	12.9	2	40	127	32	6
90 MSR 006	15	12.4	6411	111	2129	13	21	4	1870	5.21	3	11.7	2	13	95	35	66
90 MSR 007	46	6.2	520	60	104	217	8	9	618	8.1	4	0.5	2	7	73	22	24
90 MSR 008	6	8.8	2812	50	389	9	10	2	1026	3.5	1	2.9	2	6	48	4	43
90 MSR 009	6	7.2	369	77	55	269	3	7	201	8.54	6	0.2	2	18	24	6	51
90 MSR 010	27	4.1	51	49	59	343	6	10	206	5.59	3	0.4	2	5	22	7	7
90 MSR 011	230	0.5	51	14	132	21	47	9	93	4.52	3	0.9	3	4	20	30	44
90 MSR 012	74	0.3	142	10	28448	7	38	13	333	4.26	31	189	4	13	45	7	6
90 MSR 013	4	0.3	16	3	45	9	5	6	23	3.74	5	0.2	2	2	4	5	48

ASSAY RESULTS KING CLAIMS
ZONE C

ELEMENT	Au*	Ag	Cu	Pb	Zn	As	Ni	Co	Mn	Fe	Mo	Cd	Sb	Bi	V	Cr	Ba
UNIT	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
SOILS																	
90 MCS 043	13	0.6	13	33	7	15	1	1	218	3.46	10	0.9	2	2	11	4	16
90 MCS 044	30	2	25	89	10	11	2	4	129	3.59	10	0.2	2	3	13	3	40
90 MCS 047	25	0.6	205	83	69	24	17	18	734	14.41	31	1.1	9	2	95	55	212
90 MCS 048	10	0.4	67	111	68	34	8	9	422	16.24	34	0.7	8	2	63	55	203
90 MCS 049	8	1.1	66	41	118	12	18	175	3719	22.52	10	1.1	7	2	17	21	117
90 MCS 050	31	1.3	232	56	113	24	10	51	1728	13.78	8	2.4	8	2	85	37	117
90 MCS 051	17	1.3	271	106	132	44	18	35	1024	11.48	15	2	8	2	75	41	183
90 MCS 052	16	0.7	134	52	94	30	19	16	818	6.49	8	2.4	5	2	69	34	124
90 MCS 053	66	0.9	174	92	93	18	15	18	652	8.32	21	2.1	6	2	60	35	203
90 MCS 054	24	0.4	140	60	80	18	15	16	563	12.4	14	1.7	7	2	103	50	195
90 MCS 055	8	0.8	76	101	151	29	12	14	669	7.42	17	2.5	7	2	62	33	444
90 MCS 056	35	3.6	113	176	149	14	9	11	595	10.84	13	1.8	5	2	44	34	208
90 MCS 057	32	1.8	127	74	43	3	17	6	348	17.07	10	1.1	5	2	29	51	241
90 MCS 058	26	1.2	161	156	163	14	27	39	992	10.22	21	2	8	2	66	50	262
90 MCS 060	6	0.2	81	57	74	22	10	12	475	6.51	22	0.2	2	2	67	29	172
90 MCS 061	21	0.2	117	62	131	27	19	22	821	6.07	22	0.8	2	2	74	31	192
90 MCS 062	36	0.4	258	106	92	19	12	18	820	9.47	43	2.2	2	2	84	35	211
90 MCS 063	42	0.7	384	95	89	18	11	53	1720	9.7	134	2.4	2	4	101	38	98
90 MCS 064	40	1	846	131	206	28	23	214	7980	9.06	237	2.4	2	2	51	22	193
90 MCS 065	40	0.9	499	183	250	25	11	55	1546	7.33	108	1.5	2	2	42	15	209
90 MCS 066	30	1.3	647	365	133	29	7	50	1270	10.55	222	1.7	2	5	63	19	189
90 MCS 067	21	0.3	190	74	96	19	14	23	851	5.9	14	0.5	2	2	65	29	153
90 MCS 068	28	0.6	354	56	95	18	20	59	1804	6.57	26	0.3	2	2	54	28	136
90 MCS 069	24	0.3	431	49	79	11	14	31	1681	7.02	26	0.5	2	2	60	25	143
90 MCS 070	52	0.2	427	51	79	17	18	43	1336	8.1	101	0.8	2	2	92	42	151
90 MCS 071	29	0.2	183	38	76	18	15	22	721	11.04	48	3.2	2	2	69	21	111
90 MCS 072	34	0.1	160	49	63	7	19	11	342	6.94	56	1	2	2	65	30	162
90 MCS 073	37	0.2	131	46	63	20	16	11	374	9.43	38	1.8	2	2	64	32	170
90 MCS 074	10	0.2	141	41	118	9	34	15	619	7.43	11	0.3	2	2	79	77	157
90 MCS 075	24	0.1	58	44	57	18	14	12	395	11.08	10	1.5	2	2	57	32	212
90 MCS 076	20	0.3	93	56	90	23	19	20	695	8.87	11	1.2	2	3	51	30	152
90 MCS 077	27	0.3	87	52	189	24	25	42	1763	8.36	17	1.8	2	3	59	46	110
90 MCS 078	19	0.2	67	44	123	9	27	17	697	6.29	7	0.5	2	2	64	68	119
90 MCS 079	17	0.1	76	37	112	20	22	19	784	6.02	6	0.3	2	3	72	51	116
90 MCS 080	19	0.1	69	63	122	22	21	23	759	6.64	7	0.2	2	2	56	41	88
90 MCS 081	16	0.2	58	48	82	17	12	12	458	7.77	11	0.4	2	3	58	32	77
90 MCS 082	18	0.2	127	62	160	33	19	39	670	12.22	32	2.4	2	2	48	20	123
90 MCS 083	18	0.6	183	115	100	27	14	37	563	18.19	36	2.7	2	2	47	31	112
90 MGSC 00+00m	8	1.2	67	113	134	39	15	15	881	5.64	6	1.1	4	2	40	24	187
90 MGSC 00+62m	42	2.5	163	164	177	118	96	56	1242	14.74	11	1.5	14	2	77	186	73
90 MGSC 00+121m	47	0.4	141	27	214	129	71	27	1027	7.54	4	3	14	2	62	60	204
90 MGSC 00+150m	46	0.4	100	35	211	113	68	24	1146	6.56	4	2.5	12	2	61	65	178
90 MGSC 00+197m	27	0.3	110	24	180	70	65	20	853	5.86	4	2.1	11	2	59	59	211
90 MGSC 00+250m	55	1.4	267	671	822	183	63	48	2451	7.92	7	5.7	10	2	68	36	180
90 MGSC 00+300m	19	0.7	120	284	314	77	32	41	1551	5.8	8	1.6	2	2	49	23	143
90 MGSC 00+382m	21	1	266	143	320	54	50	57	2202	7.64	12	3.7	9	2	66	33	225
90 MGSC 00+400m	91	0.6	197	60	179	48	53	44	1977	5.86	7	2.1	10	2	87	48	97
90 MGSC 00+489m	21	1.5	472	134	2184	114	180	134	4081	9.41	16	7.4	10	2	51	44	159

ASSAY RESULTS KING CLAIMS
ZONE C

ELEMENT UNIT	Au* ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Ni ppm	Co ppm	Mn ppm	Fe %	Mo ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Cr ppm	Ba ppm
90 MGSC 00+500m	20	1.8	445	140	907	73	84	75	1449	10.63	19	3.9	9	2	47	39	116
90 MGSC 00+576m	25	2.5	231	151	140	23	29	11	593	15.78	15	1.5	8	2	106	70	198
90 MGSC 00+600m	25	1.8	182	76	129	21	32	12	616	14.43	14	1.3	6	2	104	69	148
90 MGSC 00+660m	25	1.3	144	84	78	15	20	6	434	12.49	9	1.9	4	2	97	51	121
90 MGSC 00+700m	63	2.6	176	569	110	12	14	7	851	15.45	9	1.8	7	2	70	45	60
90 MGSC 00+750m	17	0.9	64	222	150	24	20	28	1301	4.73	8	1.3	2	2	48	24	167
90 MGSC 00+800m	19	0.4	163	93	292	58	35	27	1395	6.63	3	2.8	5	2	80	46	80
90 MGSC 00+850m	12	1	56	54	114	52	19	9	521	5.16	3	0.9	3	2	95	44	84
90 MGSC 00+900m	15	0.7	43	57	130	31	18	9	634	5.1	2	1.2	3	2	84	44	78
90 MGSC 00+950m	16	0.4	76	43	131	21	19	18	796	3.42	1	0.7	2	2	54	19	65
90 MGSC 00+1000m	29	0.8	162	119	186	46	40	15	808	10.38	7	0.6	9	5	127	72	124
90 MGSC 00+1050m	48	1	147	156	179	46	37	11	704	10.24	4	0.5	12	2	130	74	123
90 MGSC 00+1100m	48	1.4	114	157	193	55	22	8	549	6.98	4	1.5	9	2	88	45	99
90 MGSC 00+1140m	78	2.2	105	189	125	28	11	6	465	9.12	9	1	6	27	74	42	162
90 MGSC 00+1200m	48	2	153	122	112	20	29	7	532	11.65	11	0.6	9	3	139	70	156
90 MGSC 00+1250m	4	0.7	57	42	99	42	22	9	528	6.22	4	1.7	9	2	93	44	92
90 MGSC 00+1300m	8	0.6	137	51	193	44	33	19	970	5.77	10	1.4	10	2	89	47	237
90 MGSC 00+1350m	3	1.4	48	35	94	44	16	11	618	5.23	3	1.2	5	2	78	39	92
90 MGSC 00+1400m	3	1.2	53	48	110	51	17	11	732	5.43	4	0.7	6	2	83	35	118
90 MGSC 00+1450m	7	1.3	66	39	111	61	20	14	712	5.17	3	0.8	8	2	78	36	108
90 MGSC 00+1500m	6	0.4	56	38	110	55	19	11	560	5.15	3	1.4	7	2	81	34	106
90 MGSC 00+1550m	4	2.5	40	41	80	36	14	8	520	3.81	3	0.4	5	2	72	29	86
90 MGSC 00+1600m	9	0.6	59	44	118	59	21	13	736	5.36	2	1.5	8	2	84	33	91
90 MGSC 00+1650m	7	0.2	45	32	99	51	18	9	574	5.03	3	1.3	7	2	77	35	85
90 MGSC 00+1700m	7	0.2	51	33	99	49	14	11	703	5.3	3	0.8	6	2	80	31	85
90 MGSC 00+1750m	6	0.6	65	36	98	60	25	12	553	6.06	3	0.4	8	2	83	46	87
90 MGSC 00+1800m	3	1.1	93	50	186	75	27	16	824	7.02	3	1.7	9	2	105	43	162
90 MGSC 00+1850m	14	0.7	73	91	161	55	25	21	1043	6.46	3	0.8	4	2	63	34	157
90 MGSC 00+50m	17	1.2	88	145	202	58	26	23	1125	8.37	5	0.5	2	2	67	35	170
90 MGSC 00+100m	10	0.4	66	91	159	56	19	20	998	6.09	4	0.2	2	2	60	28	145
90 MGSC 01+50m	52	0.2	72	72	148	50	21	20	991	5.53	3	0.2	2	3	59	28	220
90 MGSC 02+00m	17	0.6	71	96	148	41	26	17	955	6.05	4	0.2	3	2	63	31	182
90 MGSC 03+00m	31	1.4	75	258	250	24	11	29	1421	8.13	11	1.7	2	4	44	10	248
90 MGSC 03+63m	20	0.9	91	224	546	26	15	41	3206	6.87	5	3.4	2	3	39	17	459
90 MGSC 04+50m	11	0.2	169	49	178	8	48	16	814	5.45	9	0.6	2	2	81	127	116
90 MGSC 05+00m	69	0.1	19	13	25	2	5	2	60	0.99	3	0.2	2	2	8	10	25
90 MGSC 05+50m	1	0.1	146	42	82	7	31	9	523	6.35	5	0.2	2	2	83	94	101
90 MGSC 06+00m	30	0.2	222	27	82	15	18	50	1320	6.33	15	0.2	2	2	47	23	169
90 MGSC 06+50m	17	2.5	181	41	48	2	20	59	1507	2.92	10	0.2	2	2	40	70	41
90 MGSC 07+00m	17	0.4	74	32	84	13	19	14	538	5.01	7	0.2	5	2	50	27	87
90 MGSC 07+50m	18	0.2	63	33	91	15	23	16	588	4.17	5	0.4	5	5	65	60	93
90 MGSC 08+00m	16	0.3	61	23	165	21	65	24	764	6.72	4	2.4	5	2	94	270	160
90 MGSC 08+50m	10	0.1	31	29	59	11	20	8	339	5.06	5	0.3	4	2	73	94	55
90 MGSC 09+00m	11	0.1	27	25	54	23	12	8	431	4.55	4	0.2	4	2	59	34	53
90 MGSC 09+50m	18	0.3	42	33	93	4	5	13	751	7.28	16	0.2	3	5	17	5	322
90 MGSC 10+00m	11	0.2	26	35	151	21	13	13	497	3.91	3	0.5	4	2	39	14	147
90 MGSC 10+50m	11	0.1	30	22	71	16	18	11	532	4.95	3	0.8	4	3	68	55	84
90 MGSC 11+00m	12	0.1	29	26	75	15	14	13	916	6	3	0.2	3	2	77	47	62
90 MGSC 11+50m	11	0.2	29	19	66	6	20	11	727	4.81	3	0.3	3	2	64	59	68
90 MSS-C:680m/0+00SW	37	1.4	180	194	686	789	67	58	1805	6.84	2	4.3	23	2	63	34	96

ASSAY RESULTS KING CLAIMS
ZONE C

ELEMENT UNIT	Au* ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Ni ppm	Co ppm	Mn ppm	Fe %	Mo ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Cr ppm	Ba ppm
90 MSS-C:680m/0+60SW	10	0.7	150	655	446	296	58	47	1740	7.19	2	1.9	13	2	86	36	141
90 MSS-C:680m/1+00SW	1	0.2	41	47	202	88	21	20	557	5.7	2	0.7	7	2	108	34	184
90 MSS-C:680m/1+55SW	9	0.3	73	50	299	251	37	25	945	7.44	2	1	8	2	106	44	128
90 MSS-C:680m/2+00SW	1	0.3	55	60	298	147	40	43	1341	6.83	2	2.3	5	2	117	40	109
90 MSS-C:680m/2+50SW	4	0.4	121	95	403	168	51	26	1232	6.81	3	2.1	12	2	82	34	154
90 MSS-C:680m/2+85SW	16	1.4	322	68	1194	397	131	91	1794	9.9	3	3.7	24	2	59	37	304
90 MSS-C:680m/3+42SW	50	0.3	246	57	341	253	161	87	1375	12.94	4	0.2	8	2	74	30	155
90 MSS-C:680m/3+95SW	21	0.4	311	52	261	1014	71	23	264	7.34	10	0.7	19	2	23	18	24
90 MSS-C:680m/4+50SW	9	0.8	205	112	782	502	95	50	971	8.14	4	2.4	18	2	80	39	98
90 MSS-C:680m/5+00SW	9	0.8	263	38	1086	665	81	38	906	7.37	2	3.3	17	2	74	39	149
90 MSS-C:800m/10+50N	4	0.5	124	45	839	81	44	33	1773	6.53	5	8.1	8	2	49	22	199
90 MSS-C:800m/9+95NE	9	1.1	231	107	698	128	59	36	878	9.72	5	2.2	9	2	45	31	103
90 MSS-C:800m/9+50NE	12	1.4	182	725	793	490	57	69	2223	8.15	6	3.8	21	2	43	32	214
90 MSS-C:800m/9+00NE	10	0.8	154	62	355	112	70	48	1868	7.23	3	2.2	10	2	59	32	135
90 MSS-C:800m/8+00NE	7	0.4	95	47	202	177	66	38	1203	7.07	2	0.4	11	2	69	45	215
90 MSS-C:800m/7+00NE	9	0.2	85	27	111	85	24	23	1525	5.44	1	1.2	7	2	81	28	361
90 MSS-C:800m/6+60NE	2	0.2	71	28	206	115	25	20	1164	6.16	4	0.7	7	2	89	27	395
90 MSS-C:800m/6+35NE	4	0.8	102	115	433	154	46	57	6780	7.92	3	6.9	7	2	89	49	427
90 MSS-C:800m/5+80NE	1	0.7	60	63	267	68	36	28	2942	5.57	9	4.3	5	2	59	22	279
90 MSS-C:800m/4+85NE	4	0.7	78	61	306	79	49	32	2743	4.52	2	6.6	6	4	81	43	580
90 MSS-C:800m/4+00NE	6	0.9	67	191	530	176	72	58	3437	3.44	2	7.9	12	2	62	56	448
90 MSS-C:800m/1+50NE	1	0.3	22	32	181	51	29	13	625	4.02	3	2.2	2	2	102	34	178
90 MSS-C:800m/1+30NE	5	0.4	27	20	196	59	33	14	471	4.28	1	2	3	3	116	43	223
90 MSS-C:800m/0+50NE	2	0.4	80	36	623	130	148	50	2368	7.17	4	14.8	10	3	123	67	129
90 MSS-C:800m/0+00NE	3	0.5	42	37	456	73	43	28	1984	4.83	2	5.3	3	2	96	47	218
90 MSS-C:860m/0+00S	2	0.7	46	53	109	77	30	10	523	5.93	5	2.1	6	3	115	68	78
90 MSS-C:860m/0+50S	10	0.7	85	18	71	112	32	5	232	3.66	5	2.1	6	3	74	66	63
90 MSS-C:860m/1+00S	5	1.2	89	64	112	269	45	9	367	5.53	8	2.3	15	6	103	95	62
90 MSS-C:860m/1+50S	1	0.4	51	31	95	125	60	7	251	5.14	5	2	6	2	104	127	65
90 MSS-C:860m/2+00S	1	0.6	94	39	156	143	67	6	276	6.6	7	2.1	13	2	154	111	50
90 MSS-C:860m/2+50S	2	0.6	46	43	136	127	34	6	258	4.98	10	2.4	8	7	136	64	41
90 MSS-C:860m/3+00S	3	1	464	70	712	641	293	14	924	6.01	10	15.9	8	12	115	94	70
90 MSS-C:860m/3+50S	3	1.1	118	62	297	193	54	7	436	5.46	13	2.1	10	4	139	104	59
90 MSS-C:860m/4+30S	4	0.6	153	98	190	350	33	7	302	5.97	18	1.7	12	11	97	52	85
90 MSS-C:860m/4+73S	8	0.5	145	71	59	420	16	6	246	5	12	1.7	14	6	80	27	48
90 MSS-C:860m/5+00S	2	0.4	240	68	210	538	20	10	279	4.68	43	1.4	21	3	69	31	103
90 MSS-C:860m/5+50S	2	1.6	596	58	167	365	27	8	283	5.31	43	2.1	13	2	81	40	62
90 MSS-C:860m/6+00S	2	1.5	281	57	221	438	13	8	236	6.92	45	1.9	20	7	92	31	56
90 MSS-C:860m/6+50S	10	1.9	135	189	80	2044	7	6	189	4.62	35	2	75	27	85	19	62
90 MSS-C:860m/7+00S	3	1.1	283	32	309	279	16	13	282	6.89	39	2.6	10	7	79	27	65
90 MSS-C:860m/7+60S	5	2.8	101	51	208	144	24	8	336	6.84	22	1.8	5	2	114	44	127
90 MSS-C:860m/8+00S	42	1.6	94	48	113	260	13	6	262	7.98	13	1.5	5	3	138	54	47
90 MSS-C:860m/8+50S	7	1.2	146	25	72	79	20	8	268	6.17	25	2	4	2	110	43	59
90 MSS-C:860m/9+50S	12	0.7	682	30	371	83	29	12	440	6.56	29	2.6	6	2	86	52	153
90 MSS-C:860m/10+00S	3	0.6	44	24	136	60	20	7	260	4.25	15	0.9	2	4	131	43	115
90 MSS 024	37	2.1	200	23	44	95	4	16	1043	5.59	78	0.2	4	2	9	1	208
90 MSS 025	31	1.3	555	38	71	38	10	29	912	8.04	105	0.5	7	2	35	9	436
90 MSS 026	36	1.5	452	40	76	70	16	25	740	9.11	93	0.4	13	2	47	15	387
90 MSS 027	3	0.3	72	7	27	42	8	6	167	3.62	13	0.7	23	2	54	13	131
90 MSS 040	8	0.9	149	94	319	201	75	38	1895	10.13	8	3	12	2	90	66	255

ASSAY RESULTS KING CLAIMS
ZONE C

ELEMENT UNIT	Au* ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Ni ppm	Co ppm	Mn ppm	Fe %	Mo ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Cr ppm	Ba ppm
90 MSS 041	11	1.6	132	902	685	910	43	34	2638	10.59	7	3.2	10	5	80	46	232
90 MSS 042	7	1.6	99	266	449	151	19	16	1223	4.92	6	3	7	2	52	25	124
90 MSS 043	7	1.9	155	515	252	44	2	12	926	8.5	19	1.2	7	3	70	25	211
90 MSS 044	12	4.4	258	2670	1921	93	23	22	1242	5.67	19	9.4	11	2	42	27	83
90 MSS 045	36	1.9	91	210	656	611	34	19	1570	4.89	5	5	13	2	52	33	225
90 MSS 046	16	3.3	37	317	664	403	4	13	1011	4.03	2	4.8	5	2	33	8	271
90 MSS 047	12	0.5	146	78	236	67	43	21	734	8.9	2	0.9	2	2	97	44	142
90 MSS 048	20	0.6	168	110	207	250	43	21	645	8.14	2	0.8	5	2	86	39	92
90 MSS 049	12	0.5	96	76	123	136	11	11	468	8.39	7	1.1	2	2	59	19	80
90 MSS 050	9	0.5	154	73	159	92	48	24	887	10.24	9	0.2	3	2	91	45	77
90 MSS 051	11	0.6	85	199	306	101	49	18	938	5.22	8	1.4	7	2	48	31	382
SILTS																	
90 MSL 006	6	0.8	183	73	481	53	24	34	1045	4.48	9	2.2	2	2	64	28	76
90 MSL 007	6	0.6	169	65	656	61	33	43	1081	4.26	6	3.8	2	2	60	29	101
ROCKS																	
90 MCR 023	9	38	4121	1918	7627	167	8	27	179	2.8	3	77.9	7	75	15	7	11
90 MCR 024	16	6.4	55	43	76	22	11	26	38	8.89	1	3.5	14	4	4	15	1
90 MCR 026	2	30.3	3326	69	259	8	9	5	103	1.52	3	3	12	5	7	7	47
90 MCR 027	70	131.9	167	734	1376	6	7	8	131	1.87	6	14	25	10	4	7	22
90 MSR 028	2	5.9	24	452	9	12	5	2	40	6.02	93	0.2	2	11	8	1	66
90 MSR 029	1	0.1	16	11	39	28	21	6	930	3.02	1	0.2	2	2	18	18	378

ASSAY RESULTS KING CLAIMS
ZONE B

ELEMENT	Au	Ag	Cu	Pb	Zn	As	Ni	Co	Mn	Fe	Mo	Cd	Sb	Bi	V	Cr	Ba
UNIT	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
SOILS																	
90 MCS 033	3	0.3	28	119	65	102	8	8	410	7.78	6	0.2	10	2	50	12	158
90 MCS 034	1	0.2	41	21	70	11	14	12	482	5.95	2	0.2	2	2	80	18	124
90 MCS 035	1	0.1	43	25	61	13	16	11	370	5.5	1	0.2	2	2	76	21	211
90 MCS 036	1	0.2	41	25	60	24	14	11	638	5.3	2	0.2	2	3	60	22	127
90 MCS 037	1	0.2	48	27	79	30	23	11	485	5.76	3	0.6	2	7	79	27	152
90 MCS 038	3	0.3	53	31	78	35	23	12	435	5.77	6	0.2	2	2	95	29	124
90 MCS 039	7	0.3	67	27	79	29	17	11	513	5.06	6	0.4	2	2	60	18	92
90 MCS 040	8	2	83	1196	63	72	9	6	327	6.51	2	0.2	59	6	46	9	247
90 MCS 041	3	0.2	55	28	120	28	23	18	676	5.49	2	0.7	2	2	83	20	146
90 MCS 042	4	0.3	67	66	124	48	13	12	708	6.72	1	1.5	3	3	119	12	194
90 MSS-B:930m/4+00W	23	0.6	216	18	51	17	22	12	293	16	20	2.2	2	2	105	35	103
90 MSS-B:930m/3+50W	7	0.4	77	27	44	15	11	7	211	5.92	5	0.5	2	2	93	38	141
90 MSS-B:930m/2+95W	11	0.4	93	52	76	131	15	10	288	6.71	5	0.2	2	2	76	41	120
90 MSS-B:930m/2+50W	48	0.5	134	17	80	60	18	20	800	7.7	6	1.6	2	3	89	27	288
90 MSS-B:930m/2+05W	3	0.4	76	17	88	54	23	15	460	5.42	2	0.6	2	2	86	31	145
90 MSS-B:930m/1+63W	41	0.2	97	20	87	39	16	14	393	7.48	9	0.2	2	4	94	26	119
90 MSS-B:930m/1+02W	38	0.5	199	57	95	64	26	30	1004	9.7	7	1.2	4	2	71	28	54
90 MSS-B:930m/0+65W	5	0.7	106	78	124	63	20	20	729	7.71	3	0.4	3	2	113	30	97
90 MSS-B:930m/0+00W	17	0.4	177	49	176	310	31	51	1786	9.5	3	1.7	4	2	63	21	57
90 MSS-B:1130m/4+10W	4	0.2	66	49	87	49	9	13	624	11.11	2	3.4	3	2	135	9	145
90 MSS-B:1130m/3+75W	4	0.3	59	18	73	20	13	10	594	8.5	3	2	2	5	125	13	134
90 MSS-B:1130m/3+40W	7	0.2	99	39	77	20	13	10	592	12.57	2	1.6	2	2	151	15	178
90 MSS-B:1130m/3+00W	5	0.3	56	16	63	19	14	13	522	4.96	6	1.3	2	2	64	15	132
90 MSS-B:1130m/2+50W	31	0.3	90	30	77	16	12	17	581	6.81	10	0.6	2	2	89	16	152
90 MSS-B:1130m/2+00W	3	0.4	52	29	46	13	6	6	490	4.66	5	0.4	2	2	63	14	133
90 MSS-B:1130m/1+50W	3	0.2	52	20	53	14	9	12	513	7.24	3	0.2	2	2	82	18	149
90 MSS-B:1130m/1+00W	3	0.2	62	22	58	22	8	12	641	6.38	2	1.1	2	2	69	12	229
90 MSS-B:1130m/0+50W	10	0.2	43	28	46	2	9	5	305	6.63	4	0.2	2	2	89	8	292
90 MSS-B:1130m/0+00W	7	0.7	68	44	55	18	17	6	660	10.71	4	0.5	3	2	96	17	283
90 MSS 005	37	3.2	30	476	19	71	2	2	48	7.06	11	0.2	2	2	16	7	73
90 MSS 006	9	0.2	61	24	57	9	11	8	356	7.81	8	0.2	2	2	124	22	251
90 MSS 007	22	2.1	373	48	96	67	22	25	794	9.89	52	0.5	15	3	61	22	318
90 MSS 008	13	1	259	51	90	63	15	20	747	9.1	43	0.5	5	2	65	17	286
90 MSS 009	21	1	196	40	95	87	37	35	782	10.2	14	0.7	5	2	64	24	189
90 MSS 010	11	0.9	225	45	76	44	13	17	636	8.35	41	0.2	6	2	82	27	324
90 MSS 011	37	0.9	141	42	166	365	61	29	1055	7.59	10	1.2	9	2	70	34	401
90 MSS 012	15	1.4	271	58	106	59	14	24	1071	9.05	45	0.5	5	2	54	12	446
90 MSS 013	30	0.7	121	46	201	209	87	28	911	7.88	10	1.5	7	2	75	38	369
90 MSS 014	26	2.3	582	65	159	113	23	41	1497	9.38	47	0.9	5	2	61	20	305
90 MSS 015	25	0.1	115	36	93	24	20	21	808	6.96	12	0.4	2	2	38	7	195
90 MSS 016	15	0.8	181	27	64	15	30	12	312	13.44	21	1.1	2	2	93	27	141
90 MSS 017	20	1.4	88	220	144	28	11	13	459	15.49	15	1.1	2	2	52	13	95
90 MSS 018	11	0.2	118	29	89	42	47	28	694	6.82	5	0.6	8	2	92	40	159
90 MSS 019	40	0.8	109	89	83	49	23	11	405	9.52	6	0.8	7	2	94	39	188
90 MSS 020	8	0.1	87	28	74	18	20	10	567	6.56	7	0.2	2	2	96	29	174
90 MSS 021	28	1.1	161	82	94	124	36	30	544	14.04	9	0.9	3	2	78	38	114
90 MSS 022	20	0.1	109	14	38	17	18	21	354	6.75	6	0.2	2	2	49	16	102
90 MSS 023	25	2.4	709	55	82	43	6	44	1263	10.85	152	0.5	57	2	28	6	422

ASSAY RESULTS KING CLAIMS
ZONE B

ELEMENT UNIT	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Ni ppm	Co ppm	Mn ppm	Fe %	Mo ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Cr ppm	Ba ppm
90 MSS 024	37	2.1	200	23	44	95	4	16	1043	5.59	78	0.2	4	2	9	1	208
90 MSS 025	31	1.3	555	38	71	38	10	29	912	8.04	105	0.5	7	2	35	9	436
90 MSS 026	36	1.5	452	40	76	70	16	25	740	9.11	93	0.4	13	2	47	15	387
90 MSS 027	3	0.3	72	7	27	42	8	6	167	3.62	13	0.7	23	2	54	13	131
90 MSS 028	1	0.1	43	30	49	30	12	7	219	5.27	7	0.2	2	2	87	19	160
90 MSS 029	3	0.3	80	26	70	22	21	9	318	6.05	3	0.2	2	2	109	33	143
90 MSS 030	6	0.1	66	16	43	2	8	5	245	6.71	5	0.2	2	2	123	34	212
90 MSS 031	6	1.2	158	25	45	20	10	8	294	8.97	42	0.4	3	2	78	30	131
90 MSS 032	10	0.1	92	35	92	91	23	11	338	6.81	5	0.2	2	2	112	41	170
90 MSS 033	5	0.1	97	34	67	55	11	8	248	7.28	7	0.4	3	2	131	24	149
90 MSS 034	4	0.5	39	86	61	77	6	4	192	8.84	5	0.2	3	3	27	14	92
90 MSS 035	18	1.4	89	67	437	1104	40	45	2679	8.87	7	2.8	20	2	58	11	362
90 MSS 036	90	11.5	90	1850	635	799	11	4	120	6.92	8	1.3	42	4	28	11	158
90 MSS 037	5	0.3	220	45	159	60	36	23	998	19.09	7	0.9	2	2	76	26	83
90 MSS 038	19	0.4	197	45	205	85	38	20	996	16.32	9	1.2	2	2	86	33	74
ROCKS																	
90 MSR 014	7	0.7	95	16	39	20	3	2	170	4.6	5	0.9	2	2	56	33	577
90 MSR 015	31	0.6	113	66	186	13	9	15	554	5.54	3	2.1	5	2	104	15	41
90 MSR 016	11	0.2	18	15	55	15	5	10	918	5.96	2	1.1	8	5	65	15	42
90 MSR 017	4	0.2	20	29	35	21	7	6	471	3.34	1	0.5	5	2	35	12	77
90 MSR 018	6	0.5	118	45	61	20	5	2	347	8.66	1	0.2	14	2	118	16	196
90 MSR 019	18	0.3	72	6	18	4	2	1	63	1.42	10	0.5	4	2	16	7	169
90 MSR 020	12	0.4	103	17	56	9	39	18	315	6.65	3	0.5	11	2	60	49	124
90 MSR 021	70	5.2	92	70	20	79	2	1	87	3.46	39	0.6	3	5	9	1	216
90 MSR 022	7	0.4	37	18	40	3	2	2	179	8.14	2	1.1	6	2	31	15	150
90 MSR 023	32	5.9	34	680	238	280	1	1	34	2.74	2	1	20	6	10	4	212
90 MCR 018	8	0.2	3	17	6	19	2	1	32	0.82	2	0.2	4	2	1	1	202
90 MCR 019	17	0.1	60	16	92	25	7	7	1008	3.66	1	0.8	8	2	46	12	41

APPENDIX III

Field Data Sheets

KEEWATIN ENGINEERING INC.

STREAM SEDIMENTS

Project: TSEQUAH (M) KING CLAIMS — Results Plotted By: Clive Ashwell

Area (Grid): 2CNE A — Map: 1 — N.T.S.: 104K/10W

Collectors: IAN COSTER (prefix sample # 2CNE-) — Date: 199- June

Sample Number	NOTES	SEDIMENT DATA					STREAM DATA					SPRING	DRY GULLY				
		Gravel	Sand	Silt	Clay	Organic	Bank	Active	Width (m)	Depth (cm)	Velocity						
001	[illegible] west creek elev ≈	50	40	7		3			2	10	F						
002	[illegible] east [illegible] elev ≈	50	40	15		5			1	10	F						
003	" " west creek; 353m down from L-001 elev ≈	8	40	50		1-2		✓	3	5	F						
004	" " west creek; 600m down from L-001 elev ≈	8	40	50		1-2		✓	3	5	F						

KEEWATIN ENGINEERING INC.

STREAM SEDIMENTS

Project: TULSEQUA (M) KING CLAIMS — Results Plotted By: D.M. STRAIN

Area (Grid): NORTH CIRQUE (A) — Map: — N.T.S.: 104K/10W

Collectors: D.M. STRAIN, AL SKEY — Date: JUNE 14, 1990

Sample Number	NOTES	SEDIMENT DATA					STREAM DATA					SPRING	DRY GULLY				
		Gravel	Sand	Silt	Clay	Organic	Bank	Active	Width	Depth	Velocity						
DOMSL-001	E. CK. @ elev. 1022 m.	50%	20%	20%	10%			✓	4m	20cm	1.5m/s						
SL-002	E. Ck. @ elev. 970m	50%	20%	20%	10%			✓	"	"	"						
SL-003	Btwn. W Ck and E. CK @ elev. 978m	10%	10%	20%	20%	40%		✓	20cm	10cm	0.5m/s						
SL-004	W. Ck. 40 m upstream from jct. w/ E. CK.	0	50%	30%	20%			✓	1.0m	20cm	1.5m/s						
SL-005	E. CK. ≈ 25m upstream from jct. w/ W. CK. 710m		47%	30%	20%	3%		✓	1.8m	30cm	1.5m/s						
		~~5%~~	~~10%~~	~~30%~~	~~54%~~	~~1%~~		~~✓~~	~~20m~~	~~30cm~~	~~1.5m/s~~						
DOMDL-002	E. Ck. @ elev. 840 m	5%	10%	30%	54%	1%		✓	20m	30cm	1.5m/s						
DL-001	E. CK @ elev.	10%	30%	30%	23%	1%		✓	2.0m	25cm	1.5m/s						

SAMPLE Code: 90 M C R

Zones A, ~~C~~, B.

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

oject: Tulsequah (M) - King Claims
ea (Grid): West Cirque : North Cirque
llectors: Clive Ashinall

Results Plotted By: Clive Ashinall
Map: _____ NTS: M104K/10W
Date: 12th June 1990 Surface ✓ Underground ___

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
001	West Cirque : King 3	001	✓					Quartz	4" Qtz Vein: assoc: Malachite, Py, chal, Pyrr	
002	" " " "	002	✓					alt Rock	Contact Zone, to drove	
003	North Cirque E Cr	003	✓					" " "	Sil: Pyrite alt rock: adj: Bsltdike	
004	North Cirque, W Side	004	✓					" " "	Sill: altered rock: Pyrite	
005	" " " " "	005	✓					" " "	Sill: alt Rock with Mag + Pyrite	
006	West Cirque	006					✓	Porphyry	alt: argillaceous Porph: Diss Pyrite	
									Some Malachite, trace: Chalco?	
007	" "	006	✓				✓	✓ ✓	alt: argillaceous Porphy: diss	
	" "	010	✓						Pyrite. Trace Malachite	
010	North Cirque								Qtz Vnlets in Struhini Vole:	
011	" "	011	✓						Struhini Vole: Zone 1/2 m wide, gossanous	
									Silicified, Pyritized.	
012	" "	012	✓						Qtz Vn: 10cm wide: 80°|40°S Vuggy	
									Euhedral pyrite: diss pyrite Chloritized	
									(Previously sampled by others - red ribbon)	
013	" "	013					✓		Massive galena, assoc: dispoide; Carb. rock:	
									Malachite, Azurite, Pyrite. Float train.	
014	" "						✓		Med Grained Qtz Porphyry: Py + Mio diss	
015	Zone A W. Creek	015	✓					Sericitized Argillic Sil	Sericitized Argillic Sil rock with diss pyrite	
016	Zone A. E. Creek						✓	Qtz	Qtz Vnlets in Vole: rock: Pyrite	
017	Zone B ~~C~~ Claim: B	017	✓						Mafic dike with diss pyrr	
018	Zone B.	018							Fine Grained Silic: rock. diss pyrite	
019	Zone B	019	✓						Fine grained Rhyolite (Sil) with diss pyrite	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

Project: KING
Area (Grid): ZONE A
Collectors: D SIRAIN. Clive Aspinall

Results Plotted By: Clive Aspinall
Map: 1 NTS: 104K/10W
Date: JUNE 90 Surface ✓ Underground

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
90 MSC-001								SILTSTONE	laminated siltstone, limonitic	
90 MSC-002								GRIT	dark grey-black course grained grit	
90 MSC-003								WACKE	highly vuggy siliceous wacke, limonite stained white quartz with trace py. as local dissemination	
90 MSC-004									as -003, above.	
90 MSC-005									limonite coated (feldspar?) with traces of diss py, up to 1%	
90 MSC-006									dark black chloritized rock.	
90 MSR-001								ANDESITE	Andesite pyroclastic, limonitic with 1% disseminated pyrite. light grey colour	
90 MSR-002									limonitic, no fresh surfaces, but < 1% visible sulphides incl. galena and sphalerite in a siliceous matrix.	
90 MSR-004								VOLCANIC	highly siliceous light grey coloured altered volcanic with minor py. stringers	
90 MSR-006								SEDIMENT	8 mm wide cpy veinlet X-cutting dk black pyritic fine grained sediment.	
90 MSR-007								FELSIC R.	limonitic, pyritic (<1%) felsic rock with siliceous light grey (qtz)	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

Project: KING
Area (Grid): ZONE A
Collectors: D SIRAIN

Results Plotted By: Chris Ashinoff
Map: 1 NTS: 104K/10W
Date: JUNE 90 Surface ✓ Underground

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
90MSR-003							✓		orange/red weathered surface, very mucy., 2→3% pyrite. DK grey sulphide/mag. to 2%, siliceous matrix.	
90MIR-012							✓		limonitic weathered surface, secondary quartz filling of cavities. Grey sulphide visible to 1% (galena), coating of malachite along a fracture	
90MIR-001									Surface completely weathered, limonitic coating, 1-2% diss. py. visible.	
90MIR-002									as above -001 but only tr. py. visible	
90MIR-003								FELD. PoR.	limonitic coating, 1mm wide py. veinlet running through a feldspar porphyry.	
90MIR-004								Qtz.	limonit coated qtz (vein?) with v. fine (<1mm) diss. py.	
90MIR-005									limonitic dk. grey quartz with tr. diss. py. - minor secondary quartz.	
90MIR-006								FELD. PoR.	highly altered feldspar porphyry → to clay/limonite with <1% diss. py	
90MIR-007								FELD. PoR	limonitic feldspar porphyry with 1% diss. py.	
90MIR-008									Light grey coloured siliceous rock with <1% diss. py.	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

Project: KING
Area (Grid): ZONE A
Collectors: D. STRAIN

Results Plotted By: Chris McNicoll
Map: 1 NTS: 104H 11W
Date: JUNE '90 Surface ✓ Underground

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
90 MSR-008								FELD. POR.	limonitic, malachite stained feldspar porphyry.	
90 MSR-010								FELSIC R.	5% disseminated and blebby pyrite in a light grey felsic rock.	
90 MSR-012								VOLCANIC	1-2 mm banded sphalerite (veinlet?) in an altered volcanic.	
90 MSR-013								VOLCANIC	highly altered volcanic	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

Project: KING
Area (Grid): ZONE A
Collectors: IAN COSTER

Results Plotted By: Clive Ashwell
Map: 1 NTS: 104 K10/W
Date: JUNE 1990 Surface ___ Underground ___

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
90MIR-009									as 90-MIR-008	
90MIR-010								QTZ.	yellow/red stained vuggy quartz with coarse pyrite up to 1%. pycx. to 3mm.	
90MIR-011								QTZ.	as 90MIR-010	
90 MIR-014								QTZ	as 90-MIR-010	
90 MIR-015								QTZ	as 90-MIR-010	
90 MIR-016								QTZ	as 90-MIR-010	
90 MIR-017								Q+Z	almost entirely sec. qtz filling cavities in a round nature	
90 MIR-019								QTZ	coarsely crystalline secondary qtz.	
90 MIR-022									limonite stained rock with galena (2%) and <1% disseminated py.	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

Project: [illegible] (M) KING CLAIMS
Area (Grid): NORTH CIRQUE AREA
Collectors: IAN C[illegible]TER prefix samples [illegible]

Results Plotted By: I.C.
Map: 1:2500 (1)
NTS: 104K/10W
Date: 1990 (June)
Surface ✓ Underground ___

SAMPLE NUMBER	LOCATION NOTES (North Cirque [illegible] creek)	REP. SAMPLE NUMBER	GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
001 ✓	65 m down gully from 1125 m elevation (west bank)		✓					STUHINI VOLC (ANDS)	10% dissem, blebby & fract. py; intensely silic'd	
002	" "		✓					"	10% dissem, blebby & fract. py; " & intense chlor	
003	100 m down gully from 1125 m [illegible]		✓					"	10% dissem py in several silic'd vein	
004	[illegible] m " "		✓					"	8% " " 5% boxwork " "	
005	[illegible] m (east bank)		✓					"	as R-002 with blue-green quartz stringers	
006	300 [illegible] (east bank)		✓					"	as R-001	
007	[illegible] m (east bank)		✓					SLICING (QFP) SUBVOLCANIC	5-8% dissem py, tr - ½% blue black v.f.g. metallic	
008	4[illegible] " (east bank)		✓					"	highly silic'd QFP, 5% dissem. py	
009	[illegible] m (west bank)		✓					"	as above	
-010	545 m (west bank)		✓					Qtz vn in silic'd QFP	5% blebby py in 4cm QV (084°/85°S)	
-011	[illegible] (east creek)		✓					SKARN? in	highgrade grab of pod 15% sphal, 10% PO, tr CPY	
-012b	[redacted] elev. west creek near camp		✓					STUHINI FRAG. SKARN	tr GN, SPH, CP, PO, MA, AZ in calc-ep-Qtz lens	
013	elev. West Creek near camp		✓					"	" " " "	
014	118m down from 90MIL-001		✓					wacke?	5% blebby + fract. py in silic'd granular wacke?	
-015	155m " " "		✓					tuff? or wacke?	4% py, 1-2% Mgt in siliceous (flooded) wacke or tuff	
-016	195m " " "		✓					grit? qtzite?	4% dissem, blebby + nodular py; silic'd, fract'd	
-017	west bank W. creek elev.		✓					chalcedonic brx Flt in STUHINI	chalcedonic breccia fault zone, no sulphides	
-018	" " elev.		✓					"	" " "	
-019	" " elev.		✓					"	" " "	
-020	" " elev.		✓					"	" different fault zone "	
-021	" " elev.		✓					Qtz flooded zone (STUHINI)	5" Qtz vein in extensive Qtz flooded zone	
-022	east bank ck.		✓					SKARN replacement v-let	8% GN 8% sphal, 2-3% CPY tr. PO, MA, AZ	
-023	west bank ck.		✓					Qtz flooded zone (STUHINI)	as R-021	
-012a	25m → 310° from [illegible]-001		✓					Mafic dike envelope	rusty, lim. envel. heavy PO intrus?	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

Project: TULSEQUA (M) KING CLAIMS

Area (Grid): A (North Cirque)

Collectors: DM. STRAIN

Results Plotted By: D.M. STRAIN.

Map: 1 NTS: 104K/10W

Date: JUNE 14, 1990 Surface ✓ Underground

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
MSR-001	Along soil line A:1040m at 3183E		✓					Pyritic, bleached Andesite	Gossanous, knoby wth. pyritic (4-10% diss.) bleached ands.	
SR-002	E side of E CK at elev. 1025m across from SC-001, 002		✓					Skarn?	Very rusty wth., pale grn. skarn(?) w/ blebs of sphal.	
SR-003	W side of E CK., 40m down-stream from SR-002.		✓					Nearly massive sulphides.	≈1.0m wide zone of 8-10% sphal., 8-10% pø, 5% py, tr. ccp.	
SR-004	W. side of E. ck. @ 970m elev. 7m N of SL-002.		✓						in a gaunge of sugary qtz-calc.-chlor.-epid.	
D			✓					Alt'n envelope.	Jarositic, intensely bleached zone adjacent to	
									1.5m wide mafic dyke (108°/85°N).	
SR-005	E side E ck. elev. 760m		✓							
SR-006	" " " " "		✓				✓			
SR-007	" " " " "		✓				✓			
MDR-001	" " " " "		✓				✓			
SR-008	E side E Ck. elev. 780m - 15m from ck.							Feldspathic wacke	Pyritic, grey (mottled) w/ malachite and ccp on frac's.	
MSC-001	W. side of E Ck. @ 1028m elev.			✓				Feld. Porph.	Rusty fracture zone @ 115°/75°N. (30cm chip)	
SC-002	" " " " " "			✓				" "	continuation to N, of SC-001 (70cm chip).	
SC-003	" " " " " 1025m elev.			✓				Skarn	Skarnified bx. zone, motted white & pale grn.	
									epidote-calc-qtz. rock w/ blebs of sphal. & pø.	
									Not a continuous chip sample but representative	
									of the 5m sampled.	
SC-004	W. side of E Ck. at elev. 790m			✓				Hb Granodiorite	1.0m chip across alt'd pyritic zone around 4cm "frothy" qtz.vn.	
SC-005	Across ck. from 90MSR-004			✓				Feldspathic wacke?	1.0m chip of jarositic, bleached envelope around mafic dyke	
SC-006	Same loc. as SC-005			✓				Mafic dyke	1.3m chip of v.f.g., drab grey grn. mafic dyke w/ abut. leucoxene	
SR-009	W. side, E CK. at elev 775m 10m from ck.		✓	✓				Gouge	Rusty gouge from centre of shear (088°/45°W) - 20cm wide	
SR-010	Same loc. as SR-009		✓					Feldspathic wacke	Intensely silicified, heavilly oxidized, 10% coarse diss. py, tr. ccp.	
SR-011	At sta. 4+50E on contour soil line A:960m.		✓					Andesite (?)	Bleached, pyritic	
SR-012	Beside small trib. flowing into E Ck. from W. side. 898m elev.		✓					Calcareous sed. now skarn.	25cm thick skarnified bed - Epid.-diop.-qtz.-calc. w/ sphal, pø & py	
MSR-013	W. side of E. Ck.		✓					Feldspathic wacke host.	Small shear w/ 10cm wide frothy qtz vn. same as 90MSC-004. Trend 058°/70°S.	

Sample Code 90 MCS
Zone A.

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: Tubsequah (M) V
Area (Grid): North Cirque : King Claims : Zone A
Collectors: Clive Ashinall + Douglas Jack

Results Plotted By: Clive Ashinall
Map: 1 N.T.S.: 104K/10W
Date June 1990

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample	Soil Data: Horizon Development: Good	Soil Data: Horizon Development: Poor	Soil Data: Parent Material: Drift	Soil Data: Parent Material: Bedrock	Soil Data: Colour
004			TALUS FINES		E	V			V								V			B
005			" "		E	V			V								V			B
006			" "		E	V			V								V			B
007			" "		E				V								V			B
008			" "		E				V								V			B
009A			" "		E				V								V			B
009B			" "		E				V								V			B
010			B horiz Soil		E				V								V			B
011			TALUS FINE		E				V								V			B
012			" "		E				V								V			B
013			" "		E				V								V			B
014			" "		E				V								V			B
015			" "		E				V								V			B
016			" "		E				V								V			B
018			" "		E				V								V			B
019			" "		E				V								V			B
020			" "		E				V								V			B
021			" "		E				V								V			B
022			" "		E				V								V			B
023			" "		E				V								V			B
024			" "		E				V								V			B
025			" "		E				V								V			B
026			" "		E				V								V			B
027			" "		E				V								V			B
028			" "		E				V								V			B
029			" "		E				V								V			B
030			" "		E				V								V			B
031			" "		E				V								V			B
032			" "		E				V								V			B

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: TULSEQUAH(M) KING CLAIMS — Results Plotted By: D.M. STRAIN

Area (Grid): NORTH CIRQUE (A) — Map: 1 — N.T.S.: 104K/10W

Collectors: D.M. STRAIN, AL SKEY — Date JUNE 14, 1990

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample	Soil Data: Horizon Development: Good	Soil Data: Horizon Development: Poor	Soil Data: Parent Material: Drift	Soil Data: Parent Material: Bedrock	Soil Data: Colour
90MSS-001	Recce	soil	E side of E. ck @ 1015m elev.	30° →	270°										10cm	None			✓	Orange Brn
90MSS-002	"	"	Btwn. W and E Ck's @ 1218m elev.	25° →	333°										5cm	None			✓	Orange Brn.
90MSS-003	"	"	Talus Fine. Btwn E & W cks 1170m	30° →	061°										3cm	None			✓	Brn.
90MDS-A: 1140m	0+60S		elev. 1105m	30 →	330									A	30		✓		✓	Dark Brn
"	1+00S			35 →	330									A	20		✓		✓	"
"	1+60S			40 →	325									A-B	20	✓	✓		✓	Dark R-Brn
"	2+00S			35 →	320									B	15	✓	✓		✓	"
"	2+50S			35 →	290									B	25	✓	✓		✓	Med Brn
"	3+13S		talus fine	25 →	305									A?	10-15		✓		✓	Lt. Brn
"	3+63S			25 →	262									B C	20	✓	✓		✓	Brn
"	4+55S			25 →	262									B	15		✓		✓	"
"	5+00S		talus fine (1cm chips) elev: 1140m	40 →	215											NONE			✓	

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: TULSEQUAH · MIKING CLAIMS

Area (Grid): North Cirque

Collectors: IAN CASTER (prefix samples 90 MIS)

Results Plotted By: [signature]

Map: 1 N.T.S.: 104K/10W

Date: 1990 June

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample (cm)	Horizon Development: Good	Horizon Development: Poor	Parent Material: Drift	Parent Material: Bedrock	Colour
001			[illegible]		NE				✓					C			✓		✓	[illegible]
002			[illegible]		NE				✓					C			✓		✓	[illegible]
003			limonitic shear gouge		NW									SHEAR					gouge	orng
004			[illegible] limonitic chlorite [illegible]			✓	✓	✓						C			✓		✓	o-b
A	1140 m	0+00E			0°									B-C	22		✓		✓	b
"	"	0+50E			0°				✓	✓				A-C?	35		✓		✓	bk
"	"	1+00E			0°				✓	✓				A-C?	30		✓		✓	b
"	"	1+50E			320°				✓	✓				B-C	12	(✓)			✓	o-b
"	"	2+00E					✓		✓	✓				B	15	✓			✓	o-b
"	"	2+50E			310°				✓	✓				B-C	20		✓		✓	b
"	"	3+00E			340°				✓	✓				B	12	(✓)			✓	b
"	"	3+50E			348°				✓	✓				C	15	✓			✓	o-b
"	"	4+00E			016°				✓	✓				C	15	(✓)			✓	b
"	"	4+50E			035°				✓	✓				C	20	✓			✓	b
"	"	5+00E			036°				✓	✓				C	20	✓			✓	b
"	"	5+50E			048°				✓	✓				C	20	(✓)			✓	b
"	"	6+00E			030°			✓						C?	30		✓		✓	b
"	"	6+50E			045°			✓						B	30	(✓)			✓	o-b
"	"	7+00E			068°			✓						A-C	30		✓		✓	bK
"	"	7+50E			070°			✓						A-C	25		✓		✓	b
"	"	8+10E			070°									talus	30	talus			✓	b

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: TULSEQUA (M.) KING CLAIMS
Area (Grid): A (North Cirque)
Collectors: D.M. STRAIN, AL SKEY.

Results Plotted By: D.M. STRAIN.
Map: 1 N.T.S.: 104K/10W
Date JUNE 14, 1990

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample	Soil Data: Horizon: Good	Soil Data: Horizon: Development: Poor	Soil Data: Parent: Drift	Soil Data: Parent: Bedrock Material	Soil Data: Colour
90MSS	A: 1040m	0+00E	Steep Ck bank. No veg. at site	35°→	312°									B?	20cm		✓		✓	Orange Brn.
"	"	0+50E	Dense stunted balsalm growth	20°→	318°			✓						B	30cm		✓	( )		Light Brn.
		1+00E	" " " "	15°→	318°			✓						B	25cm	✓				"
		1+50E	" " " "	20°→	318°			✓						B?	30cm		✓	✓		Grey Brn.
		2+00E	" " " "	15°→	338°			✓						C	35cm	✓			✓	Orange Brn.
		2+50E	Same ditto as above; frozen ground.	18°→	348°			✓						B	25cm	✓			✓	Choc. Brn.
		3+00E	" " " " , Pyritic rock frags.	25°→	005°			✓						C	25cm		✓		✓	Orange Brn.
		3+50E	30m N of o.c.	25°→	035°			✓						C?	30cm	✓			✓	Orange Brn.
		4+00E		30°→	066°			✓						C	30cm		✓			Orange Brn.
		4+22E	Talus fine - Parent mtl. Bleached Lap. Tuff.	30°→	056°			✓						C	10cm		None			Orange Brn.
		5+50E		10°→	044°			✓						B?	25cm		✓		✓	Grey Brn.
		6+00E	Frozen Ground.					✓						B	20cm		✓	( )		Grey Brn.
														C	20cm		✓		✓	Light Orange brn.
90MSS	A: 960m	0+00E	E side of W ck just below top of bank	22°→	270°									C	20cm		✓		✓	Light Orange brn.
		0+50E	Small burned area	10°→	328°			✓		✓				C	25cm	✓			✓	Choc. Brn.
		1+00E	Angular frags. of feld. porph. or feldspathic vcl	20°→	340°			✓						C	25cm		✓		✓	Choc. Brn.
		1+50E		7°→	358°			✓						C	30cm	✓			✓	Orange Brn.
		2+00E		10°→	322°			✓						C(?)	30cm		✓	✓		Light Orange brn.
		2+50E	Angular Stuhini fragmental	10°→	294°			✓						C	30cm	✓			✓	Orange Brn.
		3+00E		10°→	328°			✓						C	35cm	✓		✓		Light Orange brn.
		3+50E		15°→	018°			✓						B	30cm		✓		✓	Dk. Brn.
		4+00E		18°→	048°			✓						C	25cm		✓		✓	Orange Brn.
		4+58E		15°→	034°			✓						B	30cm		✓		✓	Dk. Brn.
		5+02E	Gravelly soil	12°→	060°			✓						B	25cm		✓		✓	Dk. Brn.
		5+50E		7°→	047°			✓						B	25cm	✓		✓		Dk. Brn.
		6+10E	Swampy Ground	7°→	004°			✓					✓	B	25cm		✓	✓		Dk. grey
		6+50E		16°→	044°			✓						C	25cm		✓		✓	Brn.
		6+80E	W. bank of E. Ck.	20°→	058°			✓						B	25cm	✓			✓	Light Orange brn.

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: 90MGSC (TELSEQUHE (M)) 2-5 Results Plotted By: Clive Aspinall

Area (Grid): ZONE C Map: ~~104K~~ N.T.S.: 104K11OW

Collectors: LANCE & SUZANNE Date JUNE 26 1990 to JUNG 30 1990

Sample Number	Sample Location: Line EQUATION.	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample	Soil Data: Horizon Development: Good	Soil Data: Horizon Development: Poor	Soil Data: Parent Material: Drift	Soil Data: Parent Material: Bedrock	Colour
90MGS	C: 1400m	0+00m	TALUS FINES ELV. 1400m		W									T/F						
	1400m	0+62m			W									T/F						
	1400m	0+121m			W									T/F						
	1400m	0+150m			W									T/F						
	1400m	0+197m			W									T/F						
	1400m	0+250m			W									T/F						
	1400.m	0+300m			W									T/F						
	1400.m	0+350m	No Sample available (snow pack).		W									—						
	1400.m	0+382m			W									T/F						
	1330m	0+400m			W									T/F						
	1300m	0+489m			W									T/F						
	1300m	0+500m			W									T/F						
	1300m	0+576m			W									T/F						
	1300m	0+600m			W									T/F						
	1300m	0+660m			W									T/F						
	1300m	0+700m			W									T/F						
	1300m	0+750m			W									T/F						
	1310m	0+800m			W									T/F						
	1300m	0+850m			W	✓									25					
	1300m	0+900m			W										25					
	1300M	0+950m			W									T/F						
	1300M	0+1000m			W									T/F						
	1300M	0+1050m			W									T/F						
	1300M	0+1100m			W										30					
	1300M	0+1140m			W									T/F						
	1300M	0+1200m			W									T/F	25					
	1250m	0+1250m			W	✓		✓							30					
	1265m	0+1300m			W	✓		✓							35					
	1282m	0+1350m			W	✓		✓							25					
	1295m	0+1400m			W	✓		✓							25					

Zone C

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: Tulsequah (M)

Area (Grid): 'C', King Claims

Collectors: Douglas Jack, Lance Goodwin

Results Plotted By: Clive Aspinall

Map: 2-5 N.T.S.: 104K

Date: 30th June – 3rd July 1990

Sample Number	Sample Location: Line	Station	Notes	Topography: Valley Bottom	Direction of slope	Hill Top	Level Ground	Vegetation: Heavily Wooded	Sparsely Wooded	Burnt	Logged	Grassland	Swampy	Soil Data: Horizon Sampled	Depth to Horizon Sample	Horizon Development: Good	Poor	Parent Material: Drift	Bedrock	Colour
Continuation of Traverse main tributary of West Creek																				
30 metres up stream from Junction (Sta #1) incorrect 90MCS-043																				
90 MCS-060		0+80m	Talus fines: Silic granodiorite	✓	W				✓					T/F			✓			Brn
061		1+30m	Talus fines: highly fract	✓	"				✓					"			✓			Brn
062		1+80m	Talus fines highly fract						✓					"			✓			Brn
063		2+30m	Talus fines:	✓	"				✓					"			✓			Brn
064		2+80m	Talus fines: Diss. pyrite	✓	"				✓					"			✓			Brn
065		3+30m	Talus fines: O/C is highly fract.	✓	"				✓					"			✓			Brn
066		3+80m	" " : Diss. Mo + Pyrite	✓	"				✓					"			✓			Brn
067		4+30m	" " :	✓	"				✓					"			✓			Brn
068		4+80m	" "	✓	"				✓					"			✓			Brn
069		5+30m	" "	✓	"				✓					"			✓			Brn
070		5+80m	" "	✓	"				✓					"			✓			Brn
071		6+30m	Talus fines Coarse bio Granodiorite	✓	"				✓					"			✓			Brn
072		6+80m	Talus Fines: Gossanous	✓	"				✓					"			✓			Brn
073		7+30m	Talus fines: " "	✓	"				✓					"			✓			Brn
074		7+80m	Talus Fines: diss pyrite	✓	"				✓					"			✓			Brn
075		8+30m	Talus fines: bio Granodiorite	✓	"				✓					"			✓			Brn
076		8+80m	Talus fines " " "	✓	"				✓					"			✓			Brn
077		9+30m	Talus Fines " " "	✓	"				✓					"			✓			Brn

TRAVERSE No 1

KEEWATIN ENGINEERING INC.

SOIL SAMPLES 2-5

Project: 90 MGSC. (TULSEQUAH(M)) Results Plotted By: Clive Aspinall

Area (Grid): ZONE C Map 104K N.T.S.: 104K/10W

Collectors: LANCE & SUZANNE Date JUNE 26 1990 to JUNE 30 1990

Sample Number	Sample Location: Line Elevation	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample	Soil Data: Horizon Development Good	Soil Data: Horizon Development Poor	Soil Data: Parent Material Drift	Soil Data: Parent Material Bedrock	Soil Data: Colour
90MGS	c:1400m	00+50m			W									T/F						
	1400m	01+00m			W									T/F						
	1400m	01+50m			W									T/F						
	1400.m	02+00m			W									T/F						
	1400.m	02+50m	NO SAMPLE		W															
	1400.m	03+00m			W									T/F						
	1400.m	03+50m			W									T/F						
	1400.m	04+00m			W							✓								
	1390m	04+50m			W								✓		35cm		✓			
	1390.m	05+00m	Wet grnd crk. Surface wtr.		W							✓			15cm		✓			
	1395.m	05+50m	edge crk bank.		W										30cm	✓				Blk
	1420.M	06+00m	SNOW Pack (rock slide.)		W									T/F						
	1420.M	06+50m	100m east of last samp (up crk)		W							✓			35cm	✓				
	1420.M	07+00m			S/W							✓			25cm		✓			
	1410.M	07+50m			S									T/F						
	1430.M	08+00m			S									T/F						
	1430.M	08+50m	Streambank (East side.)		E							✓			30cm		✓			
	1425.M	09+00m			S							✓			30cm		✓			Blk
	1425.M	09+50m			S									T/F			✓			
	1420.M	10+00m			S							✓			25	✓				
	1420.M	10+50m			S							✓			30	✓				
	1420.M	11+00m			S							✓			20		✓			
	1420.M	11+50m			S							✓			25		✓			

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: 90 MGSC (TULSEQUAH (M) 2-5 Results Plotted By: Clive Aspinall

Area (Grid): ZONE C Map: ~~104 K~~ N.T.S.: 104 K/10W

Collectors: LANGE & SUZ[illegible] Date June 26 1990 to JUNE 30 1990

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample	Soil Data: Horizon Development: Good	Soil Data: Horizon Development: Poor	Soil Data: Parent Material: Drift	Soil Data: Parent Material: Bedrock	Soil Data: Colour
90 MGS	c; 1310m	0+1450m		WEST →		✓			✓					B			✓			Light Grey
	1320 m	0+1500m		W →		✓			✓					B			✓			Grey Brown
	1322. M	0+1550m		W →		✓			✓					B			✓			Dk Brown
	1330. M	0+1600m		W →		✓						✓		B			✓			Blck
	1335. M	0+1650m		W →		✓						✓		B			✓			Blk
	1340. M	0+1700m		W →		✓						✓		B			✓			Brown
	1355. M	0+1750m		W →		✓						✓		B			✓			Choc.
	1370. M	0+1800m		W →		✓						✓		C			✓			Light Brown
	1380 m	0+1850m		W →		✓						✓		T/F						Light Brown
	ELV.																			

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: TUBSEQUAH (M) KING CLAIMS — Results Plotted By: Clive Aspinall

Area (Grid): C — Map: 2-S — N.T.S.: 104K/10W

Collectors: D.M STRAIN, AL SKEY — Date JUNE 28, 1990.

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: % coarse	Topography: % fine	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: % organic	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample	Soil Data: Horizon Development: Good	Soil Data: Horizon Development: Poor	Soil Data: Parent Material: Drift	Soil Data: Parent Material: Bedrock	Soil Data: Colour
90MSS -	C: 860m /	0+00S		10°→	258°	15	83	✓				2		C	25cm	✓			✓	Chocolate Brn.
		0+50S	QFP	10°→	280°	10	89					1		C	25	✓			✓	Dk. Brn.
		1+00S		10°→	240°	8	91					1		B	20	✓			✓	Dk. Brn.
		1+50S	Seds	10°→	255°	5	94					1		B	25	✓			✓	"
		2+00S	Clayey soil	10°→	277°	10	88					2		B	25	✓			✓	Yellow Brn.
		2+50S	Rock frags	15°→	238°	10	88					2		B	25		✓		✓	"
		3+00S	Poor sample	5°→	296°	40	20					40		A/C	40		✓		✓	Dk. Brn.
		3+50S	Rocky soil	5°→	278°	30	69					1		B	30		✓		✓	Brn.
		4+30S	" "	10°→	270°	30	69					1		C	25		✓		✓	Dk. Brn.
		4+73S	" "	15°→	275°	30	68					2		C	30		✓		✓	Chocolate Brn.
		5+00S	" " . Granite .	10°→	268°	25	72					3		C	25		✓		✓	Dk. Brn.
		5+50S	" " " .	10°→	247°	25	73					2		B	20		✓		✓	"
		6+00S	" " " .	10°→	242°	20	78					2		B	20		✓		✓	"
		6+50S	" " "	5°→	284°	30	68					2		A/B	20		✓		✓	Grey
		7+00S	" " crowded plag - hb. porph.	8°→	248°	30	68					2		B	15		✓		✓	Lt. Dk. Brn.
		7+60S	Nice soil B→248°	4°→	315°	10	88					2		B	20	✓			✓	Dk. Brn.
		8+00S	Rocky soil, Granite .	8°→	224°	15	83					2		B	20		✓		✓	"
		8+50S	" " "	5°→	220°	15	83					2		B	20		✓		✓	Grey Brn.
		9+50S	" " " .	10°→	258°	15	82					3		B/C	30		✓			Choc. Brn.
90MSS -	C: 860m /	10+00S	" " . Bedrock grey, magnetic, crowded plag. porph.			15	82	✓				3		B	25		✓		✓	Brn.

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: TULSEQUAH (M.) KING CLAIMS

Area (Grid): C

Collectors: D.M. STRAIN, AL SKEY

Results Plotted By: Clive Aspinall

Map: 2-5 N.T.S.: 104K/10W

Date: JUNE 28, 1990.

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: % COARSE	Topography: % FINE	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: % ORGANIC	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample	Horizon Development: Good	Horizon Development: Poor	Parent Material: Drift	Parent Material: Bedrock	Colour
			Soil line starts due S of camp.																	
			Very steep SE-facing slope.																	
90MSS-	C: 800m/	0+00 NE		30°→	136°	30	60					10		C	15cm		✓		✓	Orn. Brn.
		0+50 NE	Seds	35°→	144°	40	56					4		T/F	3cm	—	—		✓	Lt. Brn.
		1+30 NE	QFP above.	20°→	126°	25	70					5		C	20		✓		✓	"
		1+50 NE	QFP.	30°→	104°	30	55					15		C	20		✓		✓	"
		4+00 NE	Pebbly wacke	40°→	214°	40	55					5		T/F	3	—	—		✓	Grey Brn.
		4+85 NE		40°→	136°	60	25					15		T/F	5	—	—		✓	"
		5+80 NE	Very poor sample	35°→	154°	30	35					35		A/C	20		✓		✓	Dk. Brn.
		6+35 NE	Poor sample yet rep. of bedrock. Green Dyke.	40°→	146°	30	40					30		A/C	20	·	✓		✓	Brn.
		6+60 NE	Seds.	30°→	110°	30	50					20		A/C	20		✓		✓	Lt. Brn.
		7+00 NE	Plag porph - Seds	45°→	157°	30	67					1		T/F	3	—	—		✓	"
		8+00 NE		40°→	134°	25	60					15		C	20		✓		✓	Brn.
		9+00 NE	Seds.	35°→	208°	25	74					1		T/F	3	—	—		✓	Lt. Brn.
		9+50 NE	Shale	40°→	192°	"	"					"		T/F	3	—	—		✓	Grey Brn.
		9+95 NE	Shale	40°→	178°	"	"					"		T/F	3	—	—		✓	"
90MSS-	C: 800m/	10+50 NE	Shale/QFP	40°→	141°	"	"					"		T/F	3	—	—		✓	Lt. Brn.

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: TULSEQUAH (M) KING CLAIMS — Results Plotted By: Clive Ashmall

Area (Grid): C — Map: 2-5 — N.T.S.: 104K/10W

Collectors: D.M. STRAIN, AL SKIZY. — Date JUNE 28, 1990.

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: % COARSE	Topography: % FINE	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: %ORGANIC	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample	Soil Data: Horizon Development: Good	Soil Data: Horizon Development: Poor	Soil Data: Parent Material: Drift	Soil Data: Parent Material: Bedrock	Soil Data: Colour
90MSS-039			ESE of camp @ 1140m Fault zone.	35°→	078°	30	70					0		T/F	3cm	—			✓	Brn
040			1105m	40°→	152°	20	78					2		E	3cm	—			✓	Lt. Brn.
041				30°→	133°	20	80					0		T/F	3cm	—			✓	"
042			Hard pan.	35°→	081°	50	50					0		T/F	3cm	—			✓	"
043				35°→	081°	40	60					0		T/F	3cm	—			✓	Or. Brn.
044			Hard pan.	35°→	081°	40	60					0		T/F	3cm	—			✓	Grey Brn.
045				35°→	155°	70	30					0		T/F	3cm	—			✓	"
046				35°→	128°	80	20					0		T/F	3cm	—			✓	Lt. Or. Brn.
047			Low gossan ESE of camp. 660m	25°→	188°	20	80					0		T/F	3cm	—			✓	"
048			↓	30°→	212°	20	80					0		T/F	3cm	—			✓	Lt. Brn.
049				30°→	217°	20	80					0		T/F	3cm	—			✓	"
050				25°→	218°	20	80					0		T/F	3cm	—			✓	"
90MSS-051			W- flowing Camp ck. 945m Slightly overgrown talus pile.	30°→	224°	20	75					5		B	25cm		✓		✓	Dk. Brn

KEEWATIN ENGINEERING INC.

STREAM SEDIMENTS

Project: TULSEQUAH (M) KING CLAIMS
Area (Grid): C
Collectors: D.M. STRAIN, AL SKEY.

Results Plotted By: Clive Ashinall
Map: #2-5 N.T.S.: 104K10W
Date: JUNE 28, 1990.

Sample Number	NOTES	SEDIMENT DATA					STREAM DATA					SPRING	DRY GULLY				
		Gravel	Sand	Silt	Clay	Organic	Bank	Active	Width	Depth	Velocity						
DOMSL-006	W- Flowing Canoe Ck. 1077 m	(60%)		(38%)		2%			1.0m	15cm	mod.						
-006	Recently deposited bank outside active part of ck.	~~(70%)~~		~~(25%)~~		~~5%~~		✓									
007	Same loc. as DOMSS-051 945 m	(70%)		(25%)		5%		✓	1.0m	15cm	mod.						
	Same ck. as DOMSL-006																
008	Same ck. as DOMSL-006 & 007. 870m	(50%)		(47%)		3%		✓	1.0	15cm	mod.						

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

ect: TULSEQUAH (M) KING CLAIMS
d (Grid): C
ectors: D.M. STRAIN

Results Plotted By: Clive Ashwal
Map: 2-5 NTS: 104K/01W
Date: JUNE 28, 1990. Surface ✓ Underground

MPLE UMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
MSR-024	Gully ESE of camp – 1015m		✓					Altered Intrus.	Complicated contact zone. Gossan.	
MSR-025	1020m		✓					" "	" " " "	
SR-026	Same gully as 024, 025 (1020m)						✓	Fault Bx.	Orange with, grey pyritic (4%) Fault bx. w/ abnt. calcite. Fault @ 088° ??	
027	" " " " " (1010m)		✓					Pyritic Hornfels.	Grab of pyrrhotitic pod.	
MSR-028	W-flowing creek (N. (1110m)		✓					Sed.	Boxworked, very rusty, locally silicified.	
-029	" " " " . (945m)		✓				✓	Fine grnd. wacke	Orange Bxx. with. (fe-carb). 1-2 mm qtz-carb. str's.	

Sample Code : 90 MCR Zone C

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

ject: Tulsequah (M) – King Claims

a (Grid): West Cirque : Zone C

lectors: Clive Asplinall

Results Plotted By: Clive Asplinall

Map: 2-5 NTS: M104K/10W

Date: 26th June, 1990 Surface ✓ Underground

AMPLE UMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
MCR-020	West Cirque : Near Stratiform		✓					Altered	Highly gossanous altered rock : near dyke	
021	" " downstream						✓		Sil rock with epidote + pyrite	
022	" " "		✓					Gossan	Fracture zone : hornfels : Strike 50/Vert	
023	" " "		✓					Qtz Vn	Fragments : Chalco - galena : Ferrugin :	
024	" " "		✓					" "	Samples above : Dis; pyrite 1% to 30%	
025	near Small Lake		✓					Gossan	Sil : Gossan Rock : Shear zone 270°	
026	West Cirque : Lowered		✓					Shear	Shear zone; Chalco; Sphalerite; Arsenopyrite	
027	" " " "		✓						" " " " " "	
028	See THORN									
029	Property									

90(MCR-

THORN

See Souther 1971
Map 1262A. Thorn Property

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

oject: Tyberaah (M) - General
ea (Grid): General
lectors: Clive Caplinski

Results Plotted By: N/A Plotted. Outside Area
Map: — NTS: M104 K/10
Date: May 1990 Surface ✓ Underground

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
10 MCR-28	THORN PROPERTY Daisy Claim Showing					✓			Thorn Claims: Diss Sulphide: 40.0%	
10 MCR-29	" "						✓		" " " Silicified Rock	

ZONE B

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: Tulsequah (M)
Area (Grid): B + C
Collectors: Douglas Jack, Clive Aspinall

Results Plotted By: Clive Aspinall
Map: 2-7 N.T.S.: 104K
Date 20th June, 1990

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample	Horizon Development: Good	Horizon Development: Poor	Parent Material: Drift	Parent Material: Bedrock	Colour
ZONE B																				
90MCS033			Talus Fines : Elev 1200m : alt		W	✓			✓					T/F			✓		✓	Brn
034			Soil : Fine ÷ mineral Sil rock		W	✓			✓								✓		✓	"
035			" Red Brown Soil		W	✓			✓								✓		✓	"
036			Elev: 1240m : Brown Talus Fines		W	✓			✓								✓		✓	"
037			Elev: 1240m Talus Fines		W	✓			✓								✓		✓	"
038			Elev: 1240m : Brown soil		W	✓			✓								✓		✓	"
039			Elev: 1200m : Talus Fines		W	✓			✓								✓		✓	"
040			Elev: 1230m . Talus Fines		W	✓			✓								✓		✓	"
041			Elev: 1200m : Talus Fines		W	✓			✓								✓		✓	"
042			Elev: 1150m : Talus Fines		W	✓			✓								✓		✓	"
ZONE "C"																			✓	
044			Same locality as MCR-022	✓	W				✓					T/F	5		✓		✓	"
045			Talus Fine ✓ Ridge : Elev 1650.			✓			✓			✓		T/F	10		✓		✓	"
046			Talus Fine : Elev: 1600			✓			✓			✓		T/F	5		✓		✓	"
047			Talus Fine: Fe Oxidized		NE				✓			✓		T/F	5		✓		✓	"
048			Talus Fine : Below Shear zone : diss Py		NE				✓			✓		T/F	5		✓		✓	"
049			Talus Fine : Below zone [illegible]	✓	W				✓			✓		T/F	5		✓		✓	"
TRAVERSE	UP	WEST CREEK ZONE C																		
051		0+18m	Talus Fine : Same area as MCR-26/27	✓	N				✓			✓		T/F	5		✓		✓	"
052		0+80m	Chloritized hornblende Granodiorite	✓	N				✓			✓		T/F	5		✓		✓	"
053		1+42m	Talus Fines : hornblende-Grano	✓	N				✓			✓		T/F	5		✓		✓	"
054		2+07m	Talus Fines:	✓	N				✓			✓		T/F	5		✓		✓	"
055		2+72m	Talus Fines	✓	N				✓			✓		T/F	5		✓		✓	"
056		3+22m	Talus Fines	✓	N				✓			✓		T/F	5		✓		✓	"
057		3+72m	Talus Fines hb: Granodiorite	✓	N				✓			✓		T/F	5		✓		✓	"
058		3+84m	Talus Fines. hb	✓	N				✓			✓		T/F	5		✓		✓	"
		3+99m	Arrived at Junction Cr																	

Then tied into 90MCS-49 (@ 38m up Creek from Junction), then 90MCS-048 (at 95m up from Junction), then 90MCS-047 at 147m up Creek from Junction

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: TULSEQUAH (M) KING CLAIMS — Results Plotted By: DM STRAIN

Area (Grid): B (E. GOSSAN) — Map: 6-7 — N.T.S.: 104K/10W

Collectors: D.M. STRAIN, AL SKEY — Date JUNE 20, 1990

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top % Coarse	Topography: % Fine Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: % ORGANIC Grassland	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample	Soil Data: Horizon Development Good	Soil Data: Horizon Development Poor	Soil Data: Parent Material Drift	Soil Data: Parent Material Bedrock	Colour
90MSS	B: 930m	0+00W	Steep, cliffy terrain. Seds.	40°→	338°	25	65					10		C	7cm		✓		✓	Lt. Or. Brn.
		0+65W	Abnt o/c btwn. 0+00 + 0+65W	30°→	346°	20	65					15		B/C	20cm		✓		✓	Gray/ Brn.
		1+02W	Grey, pyritic (4%) stst's. Talus Fine	45°→	346°	20	65					15		C	3cm	None			✓	Lt. Brn.
		1+63W	Gray and brn. pyritic hornfels (seds)	40°→	328°	5	90					5		C	3cm	None			✓	Lt. Brn.
		2+00W	Poplar, alder, balsalm.	25°→	258°	10	85					5		C	20cm		✓		✓	Brn.
		2+50W	Alder hell !!	25°→	260°	35	55					10		A/C	30cm		✓		✓	DK. Brn.
		2+95W	Draw @ 2+83W. Snowslide area.	25°→	336°	30	65					5		A/C	20cm		✓		✓	Dk. Or. Brn.
		3+50W	Balsalm, buck brush	30°→	356°	20	75					5		C	25cm		✓		✓	"
90MSS	B: 930m	4+00W	Banded purple + grn, pyritic hornfels. Talus Fine	40°→	287°	25	73					2		C	3cm	None			✓	Lt. Or. Brn.
90MSS-005			W. Bank main ck. Gouge/deeply wth. rx.	40°→	287°	15	85					0		Gouge	5cm	None			✓	Or. wtd.
006			E Bank " " 690m. TALUS FINE	40°→	265	15	85					0			3cm				✓	Brn.
007			W Bank " "	40°→	015	20	80					0			3cm				✓	Lt. Brn.
008			E Bank. Intrus. Rx.			20	80					0			3cm				✓	Lt. Brn.
009			W Bank. 722m. Pyritic Hornfels			20	80					0			3cm				✓	Lt. Brn.
010			E " 748m Intrus. Rx.			30	70					0			3cm				✓	"
011			W " 760m Pyritic Hornfels.			45	65					0			3cm				✓	Brn.
012			E " 790m Intrus. Rx, Py.			60	40					0			3cm				✓	Lt. Brn.
013			W " 780m			25	75					0			3cm				✓	"
014			E 827m. Jarositic o/c above.			35	65					0			3cm				✓	"
015			W " 843m.			20	76					4			5cm				✓	"
016			E " 843m.			40	60					0			3cm				✓	"
017			E " 905m	40°→	296°	50	50					0			3cm				✓	"
018			W " 922m	40°	008°	40	60					0			3cm				✓	"

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: TULSEQUAH (M) KING CLAIMS — Results Plotted By: D.M. STRAIN

Area (Grid): B (EAST GOSSAN) — Map: 6-7 — N.T.S.: 104K/10W

Collectors: DM STRAIN, RL SKEY — Date JUNE 28, 1990

Sample Number	Sample Location: Line	Sample Location: Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: % Coarse (Top) / % Fine (Level–Ground)		Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: % Organic	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample	Soil Data: Horizon Development: Good	Soil Data: Horizon Development: Poor	Soil Data: Parent Material: Drift	Soil Data: Parent Material: Bedrock	Soil Data: Colour
30MSS-019				35°→	345°	35	65					1		T/F	3cm	—	—		✓	Brn
020				30°→	342°	10	87					3		C	20cm	Pa	✓		✓	Or. Brn
021				40°→	016°	20	80					0		T/F	3cm	—	—		✓	Or. Brn
022				40°→	022°	15	85					0		T/F	3cm	—	—		✓	Or.
023				45°→	045°	15	85					0		T/F	3cm	—	—		✓	Or. Brn
024				40°→	045°	15	85					0		with rock.		—	—		✓	Or. Tan.
025				45°→	022°	15	85					0		T/F	3cm	—	—		✓	Brn
026				45°→	022°	10	90					0		T/F	3cm	—	—		✓	Or. Brn.
027				40°→	310°	20	75					5		C	10cm		✓		✓	Or. Brn.
028				40°→	311°	5	90					5		C	20cm		✓			Tan Brn.
029				25°→	300°	5	90					5		B	30cm	✓			✓	Choc Brn.
030				30°→	318°	10	88					2		C	40cm		✓		✓	Or. Brn.
031				30°→	214°	65	30					5		C	25cm		✓		✓	Lt. Brn.
032				35°→	350°	15	82					3		C	40cm		✓		✓	Or. Brn.
033				30°→	342°	5	93					2		C	40cm	✓			✓	Lt. Or. Brn.
034			5m SE of 30MSR-022 - 1140m		N	20	80					0			5cm				✓	Yw. Brn
035			±150m W (→263°) from 30MSS-034 (1148m)		N	15	85					0		T/F	3cm	—	—		✓	Lt. Brn.
036			Just below large rusty talus pile (1134m)		N	15	84					1		T/F	3cm	—	—		✓	Lt. Yw. Brn.
037			" " o/c of rusty bands (1140m)		N	30	70					0		T/F	3cm	—	—		✓	Brn.
038			" " " " " " (1112m)		N	20	80					0		T/F	3cm	—	—		✓	Brn.

APPENDIX IV

Soil, Silt, Rock Statistics

PtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPt

SUMMARY STATISTICS and HISTOGRAM — ARITHMETIC VALUES

Variable = Au — Unit = PPB — N = 310

Mean =	19.345	Min =	1.000	1st Quartile =	5.000
Std. Dev. =	21.131	Max =	133.000	Median =	11.000
CV % =	109.231	Skewness =	2.276	3rd Quartile =	25.500

%	cum %	cls int	(Pt of bins = 25 - bin size = 5.500)
0.00	0.16	-1.750	
16.45	16.56	3.750	**************************
25.81	42.28	9.250	******************************* --> 40
12.90	55.14	14.750	********************
12.58	67.68	20.250	********************
7.10	74.76	25.750	***********
7.10	81.83	31.250	***********
2.90	84.73	36.750	*****
5.16	89.87	42.250	********
0.97	90.84	47.750	**
2.90	93.73	53.250	*****
0.97	94.69	58.750	**
0.32	95.02	64.250	*
1.61	96.62	69.750	***
0.00	96.62	75.250	
0.32	96.95	80.750	*
0.00	96.95	86.250	
0.65	97.59	91.750	*
0.65	98.23	97.250	*
0.65	98.87	102.750	*
0.00	98.87	108.250	
0.65	99.52	113.750	*
0.00	99.52	119.250	
0.00	99.52	124.750	
0.00	99.52	130.250	
0.32	99.84	135.750	*

Anomalous

0 1 2 3 4

Each "*" represents approximately 2.0 observations.

PtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPt

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

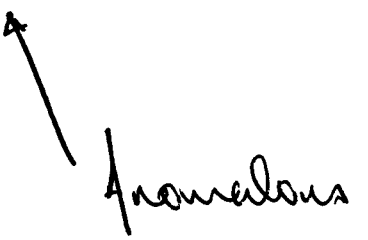
Variable = Ag Unit = PPM N = 307

Mean =	0.893	Min =	0.100	1st Quartile =	0.400
Std. Dev. =	0.743	Max =	3.800	Median =	0.700
CV % =	83.141	Skewness =	1.501	3rd Quartile =	1.200

%	cum %	cls int	(Pt of bins = 25 - . bin size = 0.154)
0.00	0.16	0.023	
5.86	6.01	0.177	*********
18.57	24.51	0.331	**********************************
11.73	36.20	0.485	********************
12.05	48.21	0.640	*********************
6.84	55.03	0.794	**********
9.45	64.45	0.948	*****************
7.17	71.59	1.102	**********
3.91	75.49	1.256	******
7.49	82.95	1.410	**********
1.95	84.90	1.565	***
2.28	87.18	1.719	****
2.28	89.45	1.873	****
1.95	91.40	2.027	***
1.30	92.69	2.181	**
0.98	93.67	2.335	**
0.33	93.99	2.490	*
1.95	95.94	2.644	***
0.65	96.59	2.798	*
0.65	97.24	2.952	*
0.33	97.56	3.106	*
0.33	97.89	3.260	*
0.98	98.86	3.415	**
0.00	98.86	3.569	
0.65	99.51	3.723	*
0.33	99.84	3.877	*

0 1 2 3 4

Each "*" represents approximately 2.0 observations.



SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable = Cu Unit = PPM N = 305

Mean =	164.000	Min =	13.000	1st Quartile =	67.000
Std. Dev. =	141.988	Max =	727.000	Median =	110.500
CV % =	86.578	Skewness =	1.724	3rd Quartile =	197.000

%	cum %	cls int	(Pt of bins = 25 - bin size = 29.750)
0.00	0.16	-1.875	
2.30	2.45	27.875	****
15.41	17.81	57.625	**********
19.02	36.76	87.375	**********
15.74	52.45	117.125	**********
9.18	61.60	146.875	**********
7.87	69.44	176.625	**********
6.89	76.31	206.375	**********
2.95	79.25	236.125	*****
2.62	81.86	265.875	****
3.93	85.78	295.625	******
0.98	86.76	325.375	**
1.64	88.40	355.125	***
1.31	89.71	384.875	**
1.97	91.67	414.625	***
0.98	92.65	444.375	**
2.95	95.59	474.125	*****
0.33	95.92	503.875	*
0.33	96.24	533.625	*
0.98	97.22	563.375	**
0.33	97.55	593.125	*
0.66	98.20	622.875	*
0.66	98.86	652.625	*
0.33	99.18	682.375	*
0.33	99.51	712.125	*
0.33	99.84	741.875	*

0 1 2 3 4

Each "*" represents approximately 2.0 observations.

Anomalous 282 ppm Cu.

PtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPt

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable = Pb Unit = PPM N = .294

Mean =	59.684	Min =	2.000	1st Quartile =	27.000
Std. Dev. =	52.126	Max =	284.000	Median =	41.000
CV % =	87.336	Skewness =	2.021	3rd Quartile =	69.000

===

%	cum %	cls int	(Pt of bins = 25 - bin size = 11.750)
0.00	0.17	-3.875	
1.36	1.53	7.875	**
9.18	10.68	19.625	****************
24.83	35.42	31.375	******************************* --> 42
17.01	52.37	43.125	*****************************
12.59	64.92	54.875	*********************
8.50	73.39	66.625	**************
4.76	78.14	78.375	********
2.38	80.51	90.125	****
3.40	83.90	101.875	******
4.08	87.97	113.625	*******
1.70	89.66	125.375	***
0.68	90.34	137.125	*
1.70	92.03	148.875	***
1.70	93.73	160.625	***
0.68	94.41	172.375	*
0.68	95.08	184.125	*
1.36	96.44	195.875	**
0.34	96.78	207.625	*
0.34	97.12	219.375	*
1.02	98.14	231.125	**
0.00	98.14	242.875	
0.34	98.47	254.625	*
0.68	99.15	266.375	*
0.00	99.15	278.125	
0.68	99.83	289.875	*

Anomalous 104.2 ppm

0 1 2 3 4

Each "*" represents approximately 1.7 observations.

PtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPt

10:31:06 KING SOILS 01/21/91

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable = Zn Unit = PPM N = 305

Mean =	157.944	Min =	7.000	1st Quartile =	66.750
Std. Dev. =	159.666	Max =	839.000	Median =	95.500
CV % =	101.090	Skewness =	2.337	3rd Quartile =	181.750

%	cum %	cls int	(Pt of bins = 25 - bin size = 34.667)
0.00	0.16	-10.333	
2.95	3.10	24.333	*****
16.39	19.44	59.000	**********
28.20	47.55	93.667	********** --> 43
13.44	60.95	128.333	**********
9.84	70.75	163.000	**********
6.89	77.61	197.667	**********
5.25	82.84	232.333	********
2.62	85.46	267.000	****
1.97	87.42	301.667	***
2.30	89.71	336.333	****
1.31	91.01	371.000	**
0.66	91.67	405.667	*
0.98	92.65	440.333	**
1.31	93.95	475.000	**
0.33	94.28	509.667	*
0.33	94.61	544.333	*
0.33	94.93	579.000	*
0.33	95.26	613.667	*
0.98	96.24	648.333	**
0.66	96.90	683.000	*
1.31	98.20	717.667	**
0.00	98.20	752.333	
0.33	98.53	787.000	*
0.66	99.18	821.667	*
0.66	99.84	856.333	*

0 1 2 3 4

Each "*" represents approximately 2.0 observations.

Anomalous
319.32 ppm

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable = As Unit = PPM N = 307

Mean =	91.788	Min =	2.000	1st Quartile =	23.000
Std. Dev. =	132.686	Max =	799.000	Median =	47.000
CV % =	144.556	Skewness =	3.052	3rd Quartile =	90.250

%	cum %	cls int	(Pt of bins = 25 - bin size = 33.208)
0.00	0.16	-14.604	
17.92	18.02	18.604	**********
37.13	55.03	51.812	********** --> 57
18.89	73.86	85.021	**********
7.17	81.01	118.229	***
4.89	85.88	151.437	**
2.28	88.15	184.646	*
1.63	89.77	217.854	*
0.98	90.75	251.062	*
1.95	92.69	284.271	*
0.65	93.34	317.479	*
0.33	93.67	350.687	*
0.65	94.32	383.896	*
1.30	95.62	417.104	*
0.65	96.27	450.312	*
0.00	96.27	483.521	
0.98	97.24	516.729	*
0.33	97.56	549.937	*
0.00	97.56	583.146	
0.33	97.89	616.354	*
0.65	98.54	649.562	*
0.33	98.86	682.771	*
0.00	98.86	715.979	
0.33	99.19	749.187	*
0.00	99.19	782.396	
0.65	99.84	815.604	*

0 1 2 3 4

Each "*" represents approximately 2.0 observations.

Anomalous
265.37 ppm

SUMMARY STATISTICS and HISTOGRAM — ARITHMETIC VALUES

Variable = Mo   Unit = PPM   N = 302

Mean =	13.570	Min =	1.000	1st Quartile =	3.000
Std. Dev. =	17.755	Max =	108.000	Median =	7.000
CV % =	130.845	Skewness =	2.698	3rd Quartile =	14.500

%	cum %	cls int	(# of bins = 25 - bin size = 4.458)
0.00	0.17	-1.229	
27.48	27.56	3.229	******************************* --> 42
24.50	51.98	7.687	*************************************
17.88	69.80	12.146	***************************
8.28	78.05	16.604	*************
5.63	83.66	21.062	*********
1.66	85.31	25.521	***
1.32	86.63	29.979	**
1.99	88.61	34.437	***
1.66	90.26	38.896	***
2.32	92.57	43.354	****
1.32	93.89	47.812	**
1.32	95.21	52.271	**
0.99	96.20	56.729	**
0.66	96.86	61.187	*
0.33	97.19	65.646	*
0.66	97.85	70.104	*
0.33	98.18	74.562	*
0.33	98.51	79.021	*
0.00	98.51	83.479	
0.00	98.51	87.937	
0.00	98.51	92.396	
0.33	98.84	96.854	*
0.33	99.17	101.312	*
0.33	99.50	105.771	*
0.33	99.83	110.229	*

0 1 2 3 4

34 ppm ← Anomalous

Each "*" represents approximately 2.0 observations.

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable = Au Unit = PPB N = 21

Mean =	11.524	Min =	1.000	1st Quartile =	4.000
Std. Dev. =	8.693	Max =	26.000	Median =	7.500
CV % =	75.432	Skewness =	0.340	3rd Quartile =	17.250

%	cum %	cls int	(Pt of bins = 14 - bin size = 1.923)
0.00	2.27	0.038	
14.29	15.91	1.962	***
0.00	15.91	3.885	
23.81	38.64	5.808	*****
9.52	47.73	7.731	**
4.76	52.27	9.654	*
0.00	52.27	11.577	
9.52	61.36	13.500	**
0.00	61.36	15.423	
9.52	70.45	17.346	**
4.76	75.00	19.269	*
4.76	79.55	21.192	*
4.76	84.09	23.115	*
9.52	93.18	25.038	**
4.76	97.73	26.962	*

0 1 2 3 4

SUMMARY STATISTICS and HISTOGRAM — ARITHMETIC VALUES

Variable = Ag   Unit = PPM   N = 22

Mean =	0.514	Min =	0.100	1st Quartile =	0.200
Std. Dev. =	0.403	Max =	1.800	Median =	0.400
CV % =	78.406	Skewness =	1.497	3rd Quartile =	0.700

(# of bins = 14 - bin size = 0.131)

%	cum %	cls int	
0.00	2.17	0.035	
18.18	19.57	0.165	****
9.09	28.26	0.296	**
27.27	54.35	0.427	******
4.55	58.70	0.558	*
9.09	67.39	0.688	**
18.18	84.78	0.819	**** ← Anomalous
4.55	89.13	0.950	*
0.00	89.13	1.081	
4.55	93.48	1.212	*
0.00	93.48	1.342	
0.00	93.48	1.473	
0.00	93.48	1.604	
0.00	93.48	1.735	
4.55	97.83	1.865	*

0 1 2 3 4

PtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPt

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable =	Cu	Unit =	PPM	N =	22
Mean =	274.682	Min =	53.000	1st Quartile =	131.000
Std. Dev. =	261.985	Max =	854.000	Median =	156.000
CV % =	95.378	Skewness =	1.398	3rd Quartile =	258.500

```
================================================================================
  %    cum %    cls int            (Pt of bins = 14  -  bin size =    61.615)
----- -----   --------            ---------------------------------------------
 0.00  2.17    22.192
 9.09 10.87    83.808             **
36.36 45.65   145.423             ********
27.27 71.74   207.038             ******
 0.00 71.74   268.654
 4.55 76.09   330.269             *
 4.55 80.43   391.885             *
 0.00 80.43   453.500
 0.00 80.43   515.115
 0.00 80.43   576.731
 0.00 80.43   638.346
 0.00 80.43   699.962
 4.55 84.78   761.577             *
 4.55 89.13   823.192             *
 9.09 97.83   884.808             **
--------------------------------------------------------------------------------
                                  0         1         2         3         4
```

Anomalous

PtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPtPt

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable = Pb Unit = PPM N = 22

Mean =	54.591	Min =	11.000	1st Quartile =	19.500
Std. Dev. =	39.393	Max =	167.000	Median =	52.000
CV % =	72.160	Skewness =	1.250	3rd Quartile =	71.000

%	cum %	cls int	(Pt of bins = 14 - bin size = 12.000)
0.00	2.17	5.000	
18.18	19.57	17.000	****
13.64	32.61	29.000	***
9.09	41.30	41.000	**
13.64	54.35	53.000	***
4.55	58.70	65.000	*
22.73	80.43	77.000	*****
9.09	89.13	89.000	**
0.00	89.13	101.000	
0.00	89.13	113.000	
0.00	89.13	125.000	
4.55	93.48	137.000	*
0.00	93.48	149.000	
0.00	93.48	161.000	
4.55	97.83	173.000	*

0 1 2 3 4

Anomalous

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable = Zn Unit = PPM N = 22

Mean =	269.864	Min =	92.000	1st Quartile =	113.000
Std. Dev. =	185.983	Max =	758.000	Median =	234.000
CV % =	68.918	Skewness =	1.147	3rd Quartile =	342.000

%	cum %	cls int	(Pt of bins = 14 - bin size = 51.231)
0.00	2.17	66.385	
27.27	28.26	117.615	******
13.64	41.30	168.846	***
9.09	50.00	220.077	**
9.09	58.70	271.308	**
9.09	67.39	322.538	**
9.09	76.09	373.769	**
4.55	80.43	425.000	*
4.55	84.78	476.231	*
4.55	89.13	527.462	*
0.00	89.13	578.692	
0.00	89.13	629.923	
4.55	93.48	681.154	*
0.00	93.48	732.385	
4.55	97.83	783.615	*

0 1 2 3 4

Anomalous

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable = As Unit = PPM N = 22

Mean =	66.545	Min =	18.000	1st Quartile =	30.500
Std. Dev. =	40.559	Max =	145.000	Median =	61.000
CV % =	60.949	Skewness =	0.462	3rd Quartile =	101.000

%	cum %	cls int	(Pt of bins = 14 - bin size = 9.769)
0.00	2.17	13.115	
4.55	6.52	22.885	*
27.27	32.61	32.654	******
13.64	45.65	42.423	***
0.00	45.65	52.192	
9.09	54.35	61.962	**
4.55	58.70	71.731	*
4.55	63.04	81.500	*
0.00	63.04	91.269	
9.09	71.74	101.038	**
9.09	80.43	110.808	**
4.55	84.78	120.577	*
9.09	93.48	130.346	**
0.00	93.48	140.115	
4.55	97.83	149.885	*

Anomalous

0 1 2 3 4

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable = Mo Unit = PPM N = 22

Mean =	16.773	Min =	1.000	1st Quartile =	5.000
Std. Dev. =	18.239	Max =	57.000	Median =	9.000
CV % =	108.742	Skewness =	1.146	3rd Quartile =	18.500

%	cum %	cls int	(Pt of bins = 14 - bin size = 4.308)
0.00	2.17	-1.154	
13.64	15.22	3.154	***
31.82	45.65	7.462	*******
18.18	63.04	11.769	****
9.09	71.74	16.077	**
0.00	71.74	20.385	
4.55	76.09	24.692	*
0.00	76.09	29.000	
0.00	76.09	33.308	
0.00	76.09	37.615	
0.00	76.09	41.923	
13.64	89.13	46.231	***
0.00	89.13	50.538	
4.55	93.48	54.846	*
4.55	97.83	59.154	*

0 1 2 3 4

Anomalous

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable = Au Unit = PPB N = 91

Mean =	222.846	Min =	1.000	1st Quartile =	7.000
Std. Dev. =	1214.844	Max =	8501.000	Median =	16.000
CV % =	545.149	Skewness =	6.433	3rd Quartile =	39.250

(Pt of bins = 20 - bin size = 447.368)

%	cum %	cls int	
0.00	0.54	-222.684	
94.51	94.02	224.684	********** --> 86
2.20	96.20	672.053	**
1.10	97.28	1119.421	*
0.00	97.28	1566.789	
0.00	97.28	2014.158	
0.00	97.28	2461.526	
0.00	97.28	2908.895	
0.00	97.28	3356.263	
0.00	97.28	3803.632	
0.00	97.28	4251.000	
0.00	97.28	4698.368	
0.00	97.28	5145.737	
0.00	97.28	5593.105	
0.00	97.28	6040.474	
0.00	97.28	6487.842	
0.00	97.28	6935.211	
0.00	97.28	7382.579	
0.00	97.28	7829.947	
1.10	98.37	8277.316	*
1.10	99.46	8724.684	*

0 1 2 3 4

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable = Ag Unit = PPM N = 91

Mean =	15.214	Min =	0.100	1st Quartile =	0.300
Std. Dev. =	52.244	Max =	416.400	Median =	0.700
CV % =	343.391	Skewness =	5.665	3rd Quartile =	4.400

%	cum %	cls int	(Pt of bins = 20 - bin size = 21.911)
0.00	0.54	-10.855	
84.62	84.24	11.055	********** --> 77
6.59	90.76	32.966	******
2.20	92.93	54.876	**
0.00	92.93	76.787	
0.00	92.93	98.697	
2.20	95.11	120.608	**
1.10	96.20	142.518	*
2.20	98.37	164.429	**
0.00	98.37	186.339	
0.00	98.37	208.250	
0.00	98.37	230.161	
0.00	98.37	252.071	
0.00	98.37	273.982	
0.00	98.37	295.892	
0.00	98.37	317.803	
0.00	98.37	339.713	
0.00	98.37	361.624	
0.00	98.37	383.534	
0.00	98.37	405.445	
1.10	99.46	427.355	*

0 1 2 3 4

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable = Cu		Unit = PPM		N =	91
Mean =	1294.121	Min =	1.000	1st Quartile =	25.250
Std. Dev. =	7513.938	Max =	71078.000	Median =	65.500
CV % =	580.621	Skewness =	8.913	3rd Quartile =	172.250

%	cum %	cls int	(Pt of bins = 20 - bin size = 3740.895)
0.00	0.54	-1869.447	
90.11	89.67	1871.447	********** --> 82
6.59	96.20	5612.342	******
2.20	98.37	9353.237	**
0.00	98.37	13094.132	
0.00	98.37	16835.026	
0.00	98.37	20575.921	
0.00	98.37	24316.816	
0.00	98.37	28057.711	
0.00	98.37	31798.605	
0.00	98.37	35539.500	
0.00	98.37	39280.395	
0.00	98.37	43021.289	
0.00	98.37	46762.184	
0.00	98.37	50503.079	
0.00	98.37	54243.974	
0.00	98.37	57984.868	
0.00	98.37	61725.763	
0.00	98.37	65466.658	
0.00	98.37	69207.553	
1.10	99.46	72948.447	*

0 1 2 3 4

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable = Pb Unit = PPM N = 91

Mean =	601.813	Min =	2.000	1st Quartile =	12.250
Std. Dev. =	3054.704	Max =	24922.000	Median =	28.000
CV % =	507.583	Skewness =	6.816	3rd Quartile =	69.750

%	cum %	cls int	(Pt of bins = 20 - bin size = 1311.579)
0.00	0.54	-653.789	
91.21	90.76	657.789	********** --> 83
5.49	96.20	1969.368	*****
0.00	96.20	3280.947	
1.10	97.28	4592.526	*
0.00	97.28	5904.105	
0.00	97.28	7215.684	
0.00	97.28	8527.263	
0.00	97.28	9838.842	
0.00	97.28	11150.421	
0.00	97.28	12462.000	
0.00	97.28	13773.579	
0.00	97.28	15085.158	
1.10	98.37	16396.737	*
0.00	98.37	17708.316	
0.00	98.37	19019.895	
0.00	98.37	20331.474	
0.00	98.37	21643.053	
0.00	98.37	22954.632	
0.00	98.37	24266.211	
1.10	99.46	25577.789	*

0 1 2 3 4

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable = Zn Unit = PPM N = 91

Mean =	3616.703	Min =	4.000	1st Quartile =	34.000
Std. Dev. =	13529.134	Max =	99999.000	Median =	64.500
CV % =	374.074	Skewness =	5.059	3rd Quartile =	374.500

(Pt of bins = 20 - bin size = 5262.895)

%	cum %	cls int	
0.00	0.54	-2627.447	
90.11	89.67	2635.447	********** --> 82
3.30	92.93	7898.342	***
0.00	92.93	13161.237	
0.00	92.93	18424.132	
0.00	92.93	23687.026	
1.10	94.02	28949.921	*
1.10	95.11	34212.816	*
1.10	96.20	39475.711	*
1.10	97.28	44738.605	*
1.10	98.37	50001.500	*
0.00	98.37	55264.395	
0.00	98.37	60527.289	
0.00	98.37	65790.184	
0.00	98.37	71053.079	
0.00	98.37	76315.974	
0.00	98.37	81578.868	
0.00	98.37	86841.763	
0.00	98.37	92104.658	
0.00	98.37	97367.553	
1.10	99.46	102630.447	*

0 1 2 3 4

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable = As Unit = PPM N = 91

Mean =	90.484	Min =	2.000	1st Quartile =	6.000
Std. Dev. =	207.513	Max =	1218.000	Median =	15.000
CV % =	229.338	Skewness =	3.926	3rd Quartile =	55.750

%	cum %	cls int	(Pt of bins = 20 - bin size = 64.000)
0.00	0.54	-30.000	
71.43	71.20	34.000	********** --> 65
8.79	79.89	98.000	********
2.20	82.07	162.000	**
4.40	86.41	226.000	****
5.49	91.85	290.000	*****
2.20	94.02	354.000	**
0.00	94.02	418.000	
0.00	94.02	482.000	
2.20	96.20	546.000	**
0.00	96.20	610.000	
1.10	97.28	674.000	*
0.00	97.28	738.000	
0.00	97.28	802.000	
0.00	97.28	866.000	
0.00	97.28	930.000	
0.00	97.28	994.000	
0.00	97.28	1058.000	
0.00	97.28	1122.000	
0.00	97.28	1186.000	
2.20	99.46	1250.000	**

0 1 2 3 4

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable = Mo Unit = PPM N = 91

Mean =	15.231	Min =	1.000	1st Quartile =	2.000
Std. Dev. =	28.720	Max =	159.000	Median =	4.500
CV % =	188.564	Skewness =	2.946	3rd Quartile =	9.000

%	cum %	cls int	(Pt of bins = 20 - bin size = 8.316)	
0.00	0.54	-3.158		
58.24	58.15	5.158	**********	--> 53
23.08	80.98	13.474	*******	
2.20	83.15	21.789	**	
2.20	85.33	30.105	**	
2.20	87.50	38.421	**	
2.20	89.67	46.737	**	
0.00	89.67	55.053		
0.00	89.67	63.368		
4.40	94.02	71.684	****	
0.00	94.02	80.000		
1.10	95.11	88.316	*	
1.10	96.20	96.632	*	
0.00	96.20	104.947		
1.10	97.28	113.263	*	
0.00	97.28	121.579		
1.10	98.37	129.895	*	
0.00	98.37	138.211		
0.00	98.37	146.526		
0.00	98.37	154.842		
1.10	99.46	163.158	*	

0 1 2 3 4

APPENDIX V

List of Personnel

LIST OF PERSONNEL

N. Clive Aspinall, Project Geologist
117- 1230 Haro Street
Vancouver, B.C.
V6C 4J9

David Strain, Geologist
Atlin, B.C.
V0W 1A0

Ian Coster, Geologist
Atlin, B.C.
V0W 1A0

Lance Goodwin, Field Assistant
Atlin, B.C.
V0J 1A0

Suzanne Radford
Atlin, B.C.
V0J 1A0

Douglas Jack, Prospector
Atlin, B.C.
V0W 1A0

Carrol Goodwin, Cook
Atlin, B.C.
V0W 1A0

Pat Minks, Assistant
Atlin, B.C.
V0W 1A0

Alistair Skey, Field Assistant
Adelaide, Australia

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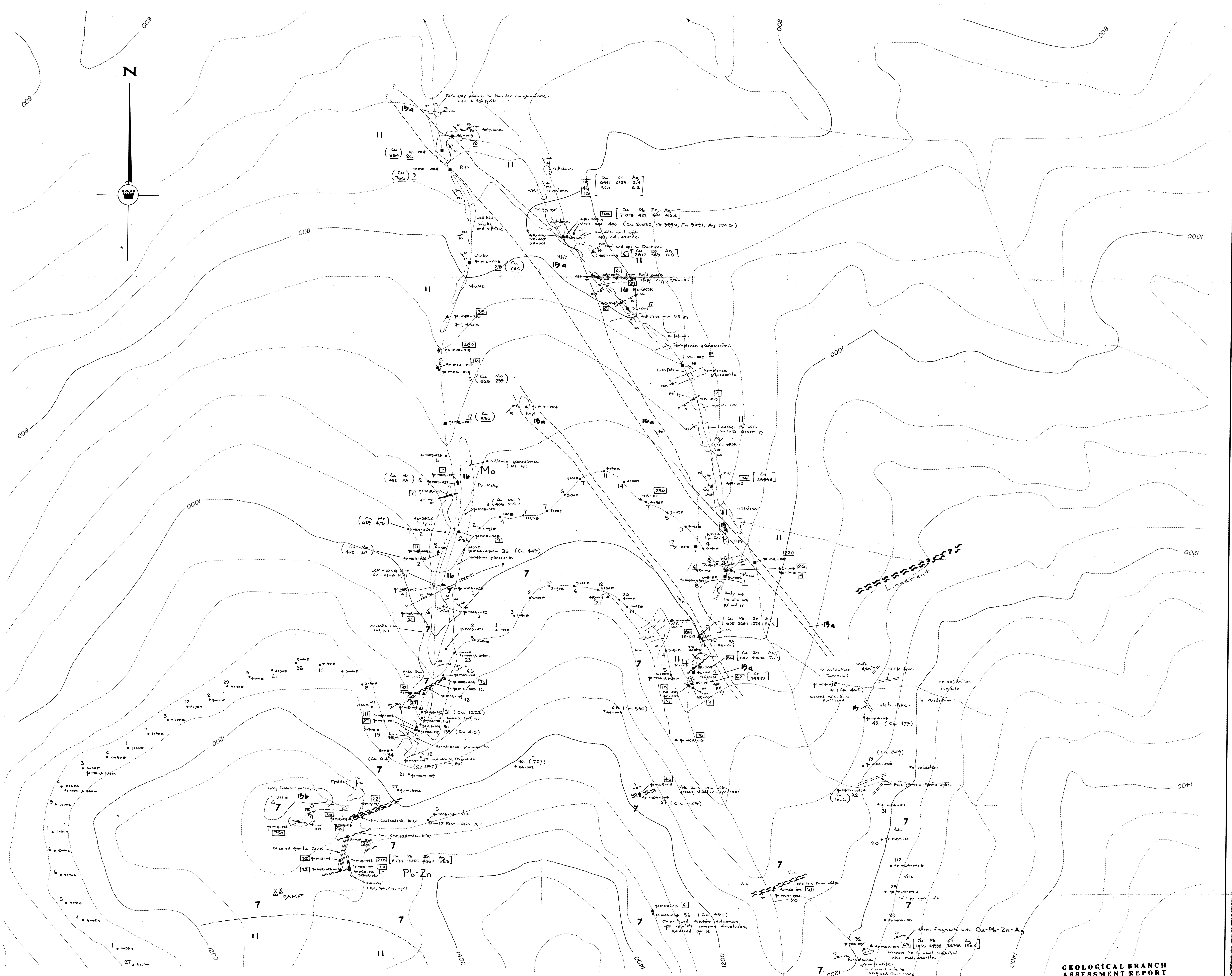
Adelaide, Australia



LEGEND

15 (a,b) / 16	Cretaceous and Tertiary Sloko Group 15a : Rhyolitic dyke ; 15b : Feldspar porphyry dyke 16 : Hornblende Granodiorite (strongly pyritized, silicified)
11	Jurassic, Lower and Middle. Laberge Group Clastic Sedimentary Rocks (Takwahoni Fm ?)
7	Upper Triassic Stuhini Pyroclastic Andesites. (strongly pyritized, silicified)

Q.V.	Quartz vein
F.W.	Feldspathic wacke
Stst	Siltstone
Hb GRDR	Hornblende granodiorite
RHY	Rhyolite
SKN	Skarn
Sphal	Sphalerite
Cpy	Chalcopyrite
Pyr, Pø	Pyrrhotite
Py	Pyrite
mal	Malachite
azur	Azurite
sif	Silicified
tr	Trace
bld	Boulder
cong.	Conglomerate
brxx	breccia
— — —	Geological contact
	shear zone
	Fault

	Gossan outcrop
•	Soil sample
■	Silt sample
▲	Rock sample / chip sample
90MCS-004	Sample number
32	Au (ppb), soil
<u>32</u>	Au (ppb), silt
[32]	Au (ppb), rock/chip
( ) [ ]	Other High Geochemical Results Cu in ppm, Pb in ppm, Zn in ppm, Mo in ppm, Ag in ppm
	Vein orientation
	Bedding
	Joints — vertical
	Dyke / shear orientation
	Mafic dyke

Anomalous soils

Mo > 100 ppm
Cu > 384 ppm
Au > 47 ppb

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,530

0 50 100 150 200 m.

SOLOMON RESOURCES LTD.

KING CLAIMS
TULSEQUAH AREA

ZONE A

Geology, Gold Geochemistry and Other High Geochemical Results

DATE: March, 1991	NTS: 104 K/10 W
PROJECT:	PROJ. GEOL.: NCA
SCALE: 1: 2500	
Keewatin Engineering Inc.	MAP No. 1

N

Extensive Gossan Outcrop

Extensive Gossan Outcrop

Extensive Gossan Outcrop

Extensive Gossan Outcrop

Hornblende granodiorite rocks are probably sills/dykes which have been altered; these have also altered the country rock. These rocks have been pyritized and hornfelsed. Molybdenite occurs in trace amounts.

Two Quartz Vein lenses in hanging walls of 30 cm and 1 m wide shear zones; chalco; malachite; galena associated. Shear zone possibly parallel to hornblende granodiorite dyke, highly altered with gossanous and jarosite weathered surfaces. Carbonate veinlets, 1-2 cm.

Cu, Pb, Zn, Ag

Gossanous rock, highly altered and silicified. Altered intrusive rock; Quartz Vein; on hanging wall of 30 cm wide shear - chalco; malachite, galena

Sample	Cu ppm	Pb ppm	Zn ppm	Ag ppm
90MCR-23	4121	1918	7627	38.0
90MCR-24			1376	131.9

Pyrite 5-10%

Pyrite, Molybdenite

Pyrite Molybdenite

Porphyry dyke

laterite Breccia Jarosite

Creek

Lake

Cirque

LCP King 5,6

CP King 3,4

1600 m

1400 m

1200 m

Talus

Talus slope

LEGEND

19	Glacial till gravels
16	Extensive outcrop of hornblende granodiorite with wedges of hornfels, (After sediments)
11	Extensive outcrop of Laberge Group sediments
7	Extensive outcrop of Stuhini Volcanic Rocks, mainly andesite flows (?)

Cu	Copper
Ag	Silver
Pb	Lead
Zn	Zinc
Mo	Molybdenite

- Geological contact
- ? Assumed geological contact
- • Soil sample / (talus Fines samples)
- ▲ Rock sample
- 90MCS-066 Sample number
- 30 Au (ppb) Anomalous > 47 ppb
- (Mo 222) Mo (ppm) → Anomalous > 100 ppm
- (Cu 490) Cu (ppm) → Anomalous > 304 ppm
- Steep gravel bank
- Very steep bank
- Slope change
- Dyke
- Shear / Fault
- Dyke / Shear, strike and dip

NOTE: The geology observed on this map was done while on geochemical sampling traverses, therefore it is of a reconnaissance nature only.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,530

0 50 100 150 200 250 m

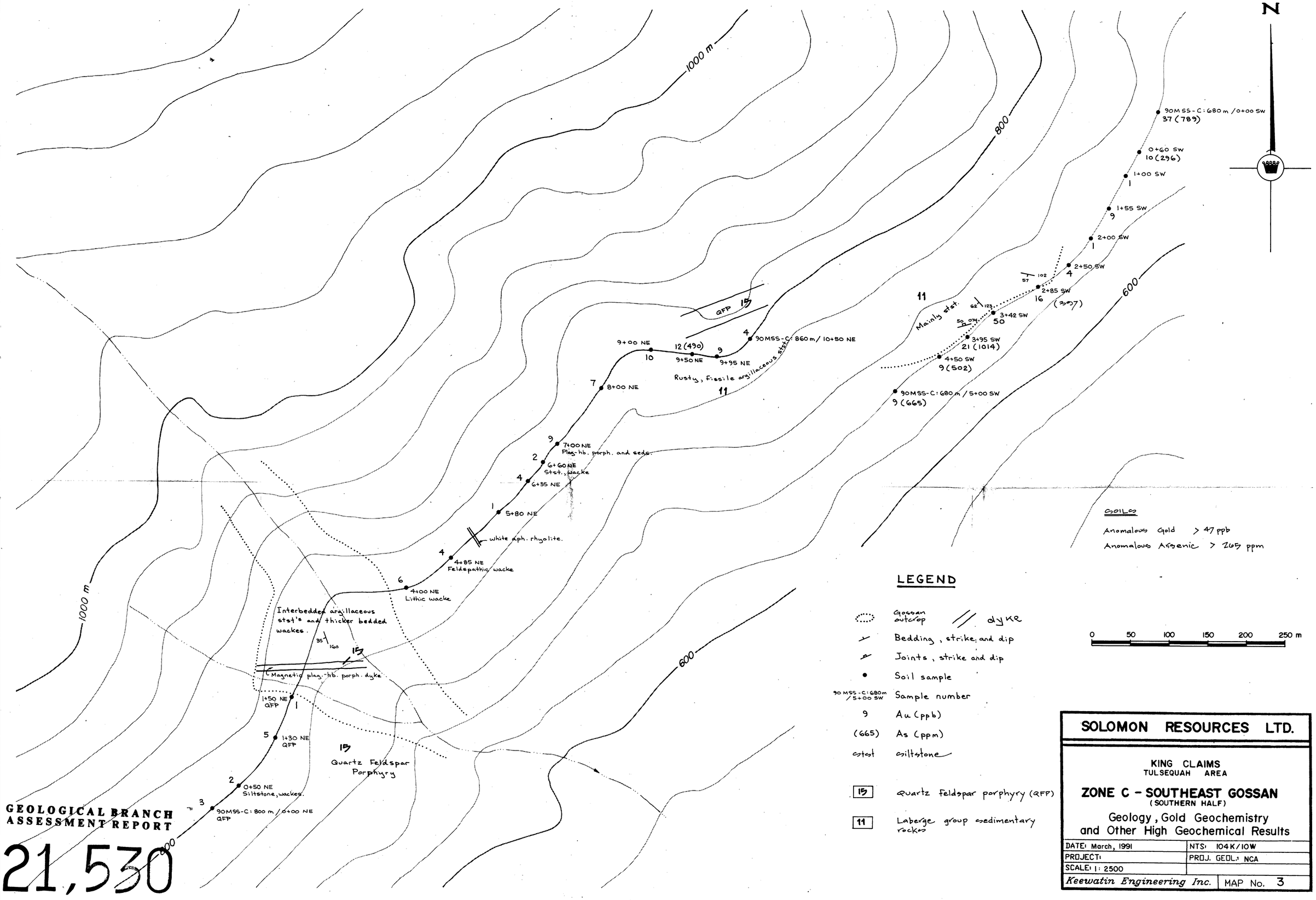
SOLOMON RESOURCES LTD.

KING CLAIMS
TULSEQUAH AREA

ZONE C - MAIN GOSSAN

Geology, Gold Geochemistry and Other High Geochemical Results

DATE: March, 1991	NTS: 104K/10W
PROJECT:	PROJ. GEOL.: NCA
SCALE: 1:2500	
Keewatin Engineering Inc.	MAP No. 2



GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,530

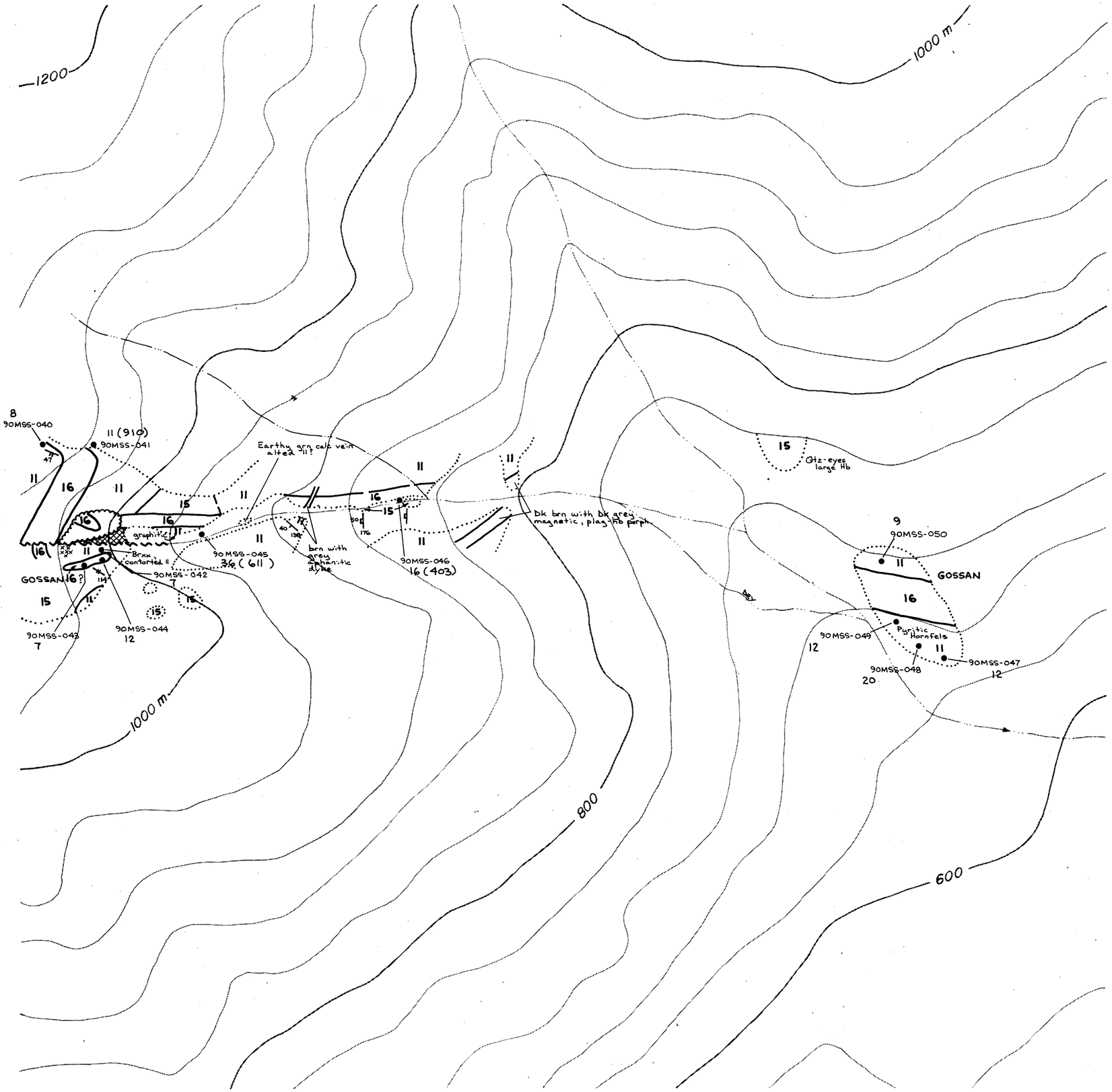
SOLOMON RESOURCES LTD.

KING CLAIMS
TULSEQUAH AREA

ZONE C - SOUTHEAST GOSSAN
(SOUTHERN HALF)

Geology, Gold Geochemistry and Other High Geochemical Results

DATE: March, 1991	NTS: 104K/10W
PROJECT:	PROJ. GEOL.: NCA
SCALE: 1:2500	
Keewatin Engineering Inc.	MAP No. 3



LEGEND

- 16 — Orange weathering, light grey leucogranite
- 15 — Grey weathering, strongly jointed Plag-hb ± qtz eye porphyry
- 11 — Thinly bedded Siltstones
- Gossan outcrop
- Calcite veining
- Gossan
- Dyke / shear, strike and dip
- Bedding, strike and dip
- Joints, strike and dip
- Soil sample
- 90MSS-049 — Sample number
- 12 (136) — Au (ppb) (As (ppm))
- Talus lobe

N

SOILS

Anomalous Gold > 47 ppb
Anomalous Arsenic > 2005 ppm

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,530

0 50 100 150 200 250 m

SOLOMON RESOURCES LTD.

KING CLAIMS
TULSEQUAH AREA

ZONE C - SOUTHEAST GOSSAN
(NORTHERN HALF)

Geology, Gold Geochemistry and Other High Geochemical Results

DATE: March, 1991	NTS: 104K/10W
PROJECT:	PROJ. GEOL.: NCA
SCALE: 1:2500	
Keewatin Engineering Inc.	MAP No. 4

N

2 90MSR-028

6 90MSL-006

1120

90 MSL-007 6
90 MSS-051 11
90 MSR-029 1

1000 m

2 ● 90MSS-C: 860 m/0+00 S

10 ● 0+50 S

5 ● 1+00 S

1 ● 1+50 S

1 ● 2+00 S

2 ● 2+50 S

3 ● 3+00 S
(As 641)

3 ● 3+50 S

4 ● 4+30 S
(As 350)

8 ● 4+73 S (As 420)

2 ● 90MSS-C: 860 m/5+00 S
Coarse grained K-spar porphyritic granite
(As 538)

2 ● 5+50 S
Granite (As 365)

2 ● 6+00 S
Granite (As 488)

10 ● 6+50 S
Granite (As 2044

3 ● 7+00 S
Grey green, crowded plag-hb porph.
(As 279)

5 ● 7+60 S

42 ● 8+00 S
Granite

7 ● 8+50 S
Granite

12 ● 9+50 S
Granite

3 ● 90MSS-C: 840 m / 10+00 S
Grey, magnetic crowded plag porph

800

LEGEND

- ● Soil Sample
- ▲ Rock Sample
- ■ Stream Sediment Sample
- 90MSL-006 Sample Number
- 4 Au (ppb)

SOILS

Anomalous Gold > 47 ppb

Anomalous Arsenic > 269 ppm

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,530

0 50 100 150 200 250 m

SOLOMON RESOURCES LTD.

KING CLAIMS
TULSEQUAH AREA

ZONE C - SOUTHWEST GOSSAN
Geology, Gold Geochemistry
and Other High Geochemical Results

DATE: March, 1991	NTS: 104K/10W
PROJECT:	PROJ. GEOL.: NCA
SCALE: 1: 2500	
Keewatin Engineering Inc.	MAP No. 5

N

1000

1100

1200

1400

GOSSAN

P.H. cut by numerous dykes

GREY DYKE

GRDR

P.H.

90MSS-001 22
90MSS-006 9
90MSS-027 3
90MSS-028 1
90MSS-008 13
90MSS-009 21
90MSS-029 3
90MSS-010 11
90MSS-030 6
90MSS-011 37
90MSS-031 6
90MSS-012 15
90MSS-013 30
90MSS-014 26
90MSS-032 10
90MSS-033 5
90MSS-015 25
90MSS-016 15
90MSS-017 20
90MSS-018 11
90MSS-019 40
90MSS-020 8
90MSS-021 28
90MSS-022 20
90MSS-023 (Cu 709) (Mo 152) 25
90MSS024 (Cu 200) (Mo 78) 37
90MSS-025 (Cu 555) (Mo 105) 31
90MSS-026 (Cu 452) (Mo 93) 36
90MSR020 12
90MSR-014
90MSR-019 18
90MSS-005 7
90MSS-B:930/4+00W 23
90MSS-B/930m/0+00W 17
0+65W 5
1+02W 38
1+60W 41
2+05W 3
2+50W 48
2+95W 11
3+50W 7
90MSS-038 19
90MSR-023 32
90MSS-036 90
90MSS-037 5
90MSS-035 18
90MSS-034 4
90MSR-022 7
Rusty Talus
Shale

LEGEND

- Gossan outcrop
- P.H. Pyritic Hornfels
- GRDR Granodiorite Dyke
- Talus lobes
- Shear / Dyke, strike and dip
- • Soil sample
- ▲ Rock sample
- 90MSS-023 Sample number
- 25 Au (ppb)
- (Mo 152) Mo (ppm) (Cu 452) Cu (ppm)

Anomalous Soils
Au > 47 ppb
Cu > 384 ppm
Mo > 100 ppm

0 50 100 150 200 250 m

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,530

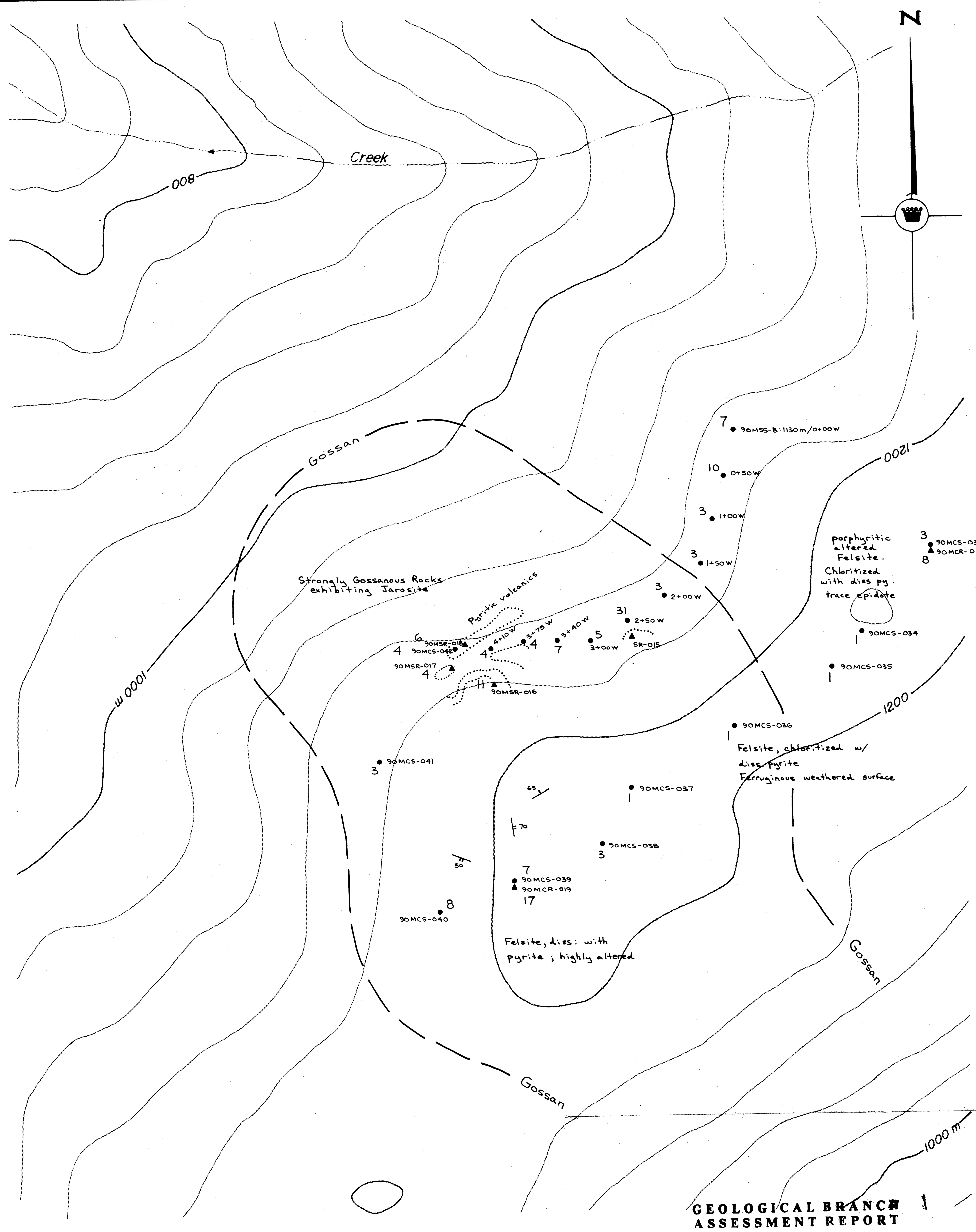
SOLOMON RESOURCES LTD.

KING CLAIMS
TULSEQUAH AREA

ZONE B - EAST GOSSAN

Geology, Gold Geochemistry
and Other High Geochemical Results

DATE: March, 1991	NTS: 104K/10W
PROJECT:	PROJ. GEOL.: NCA
SCALE: 1:2500	
Keewatin Engineering Inc.	MAP No. 6



GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,530

0 50 100 150 200 250 m

LEGEND

(dotted outline)	Outcrop
(symbol)	Bedding, strike and dip
(symbol)	Joints, strike and dip
●	Soil sample
▲	Rock sample
90MCS-040	Sample number
4	Au (ppb)

SOLOMON RESOURCES LTD.

KING CLAIMS
TULSEQUAH AREA

ZONE B - WEST GOSSAN
Geology, Gold Geochemistry
and Other High Geochemical Results

DATE: March, 1991	NTS: 104K/10W
PROJECT:	PROJ. GEOL.: NCA
SCALE: 1: 2500	
Keewatin Engineering Inc.	MAP No. 7