

MAP NO.: ASSESSMENT REPORT X

DOCUMENT NO: 093026

O /10,15

PROSPECTUS

MINING DISTRICT: Dawson

B /2

CONFIDENTIAL X

TYPE OF WORK: Geological Mapping
Geophysical Survey
Trenching and Sampling

OPEN FILE

REPORT FILED UNDER: Arbor Resources Inc, Dawson Eldorado Mines Ltd, Faith Mines Ltd,
Dawson Syndicate (1983), Rise Resources Ltd, Wealth Resources Ltd.

DATE PERFORMED: June 3 - October 12, 1991.

DATE FILED: March 18, 1992.

LOCATION: LAT.: 63°59'N

AREA: Dawson Area

LONG.: 139°14'W

VALUE \$: 20,975.00

CLAIM NAME & NO.:

Tony Claims, Top Claims, Eagle Claim, Jody Claims, Gulf Claims,
HL Claims, Win Claims, Syndicate Claims, Filler Claims, "98" Claims.

* Due to Size of Claim Block Check Ownership Card for most Accurate
Record of Claim Numbers.

WORK DONE BY: Scott Tomlinson, Hastings Management Corp.

WORK DONE FOR: Arbor Resources Inc, Dawson Eldorado Mines Ltd, Faith Mines Ltd,
Dawson Syndicate (1983), Rise Resources Inc, Wealth resources Ltd.

DATE TO GOOD STANDING:

REMARKS: # 115 O 10, 15 and 116 B 2 - Dawson Area
The 1991 exploration program consisted of geological mapping,
13 line km of VLF-EM, 317 geochemical samples and 8 trenches.
No significant gold mineralization was found in any of the areas
tested. However, a geophysical anomaly passing through and
extending past the Bum showing on Gold Bottom Creek was detected.
Diamond drilling was recommended to test the anomaly for copper
mineralization. As a result of this work program Arbor Resources
et. al. allowed a significant number of claims to lapse.

YUKON ASSESSMENT REPORT

PROPERTY: DAWSON

NTS MAP SHEETS: 1150/10,15, 116B/2

LATITUDE: 63°59' N

LONGITUDE: 139°14' W

CLAIMS AND GRANT NUMBERS WORKED:

TONY 28,49,50,120,127

TOP 43,47,49,51,59,61,
66,68,71,73,74

EAGLE

JODY 187,189,196,197

GULF 17,18,81

HL 84

WIN 81,83

98 34

YB31242,263,264,496,503

YB31058,062,064,066,074,076,

081,083,086,088,089

YA5169

YB38736,738,745,746

YB39290,291,354

YB05391

YB30967,969

YA79582

OWNERS OF PROPERTY: Arbor Resources Inc.
Dawson Eldorado Mines Ltd.
Dawson Syndicate (1983)
Faith Mines Ltd.
Rise Resources Inc.
Wealth Resources Ltd.

ADDRESS: #1000 - 675 West Hastings Street
Vancouver, B.C.
V6B 1N6

TELEPHONE: (604) 685-2222

OPERATOR: Hastings Management Corp.

TYPE OF WORK: Geological mapping, geophysical surveying,
geochemical sampling, and trenching.

DATES WORK WAS DONE: June 3 - October 12, 1991.

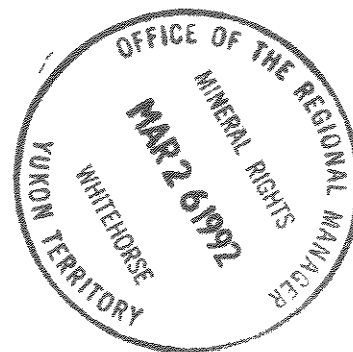
AUTHOR OF REPORT: Scott Tomlinson, B.Sc.

LIST OF PERSONNEL:

Scott Tomlinson, Hastings Management Corp.
Philip Van Angeren, Hastings Management Corp.
Art Troup, Archean Engineering Ltd.



093026



GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL,
AND TRENCHING REPORT ON THE
DAWSON PROPERTY

DAWSON MINING DISTRICT, YUKON

SUMMARY

The Dawson property is owned by Arbor Resources Inc., Dawson Eldorado Mines Ltd., Dawson Syndicate (1983), Faith Mines Ltd., Rise Resources Inc., and Wealth Resources Ltd. and is located in the Dawson Mining District of northwestern Yukon Territory, south-southeast of Dawson City. The claims are situated along and adjacent to the valleys of the Klondike and Indian Rivers, and Bonanza and Hunker Creeks. These creeks are some of the most productive placer deposits in the Klondike.

The claims are underlain by the Klondike Series, a unit of quartzofeldspathic mica schists. Graphitic schists, possibly related to thrust faulting, also occur on the property. Both of these lithologies are cross-cut by Tertiary dykes.

Mineral exploration in the Klondike has occurred since the late 1800's, but has concentrated on placer deposits. Lode gold exploration has consisted mostly of individual efforts to find high grade vein structures, although a few larger programs involving trenching and drilling have also been carried out. The most successful venture was the Lone Star Mine, which produced 7,650 tonnes grading 0.148 oz/ton between 1912 and 1914. Aside from the Lone Star property, discussed in a separate report, no systematic exploration has occurred in the camp.

In 1983, several companies of the Hughes Lang Group began to acquire and explore ground in the Klondike for hard rock gold potential. Work included multiple geological, geochemical, and ground geophysical surveys, two airborne geophysical surveys, trenching, and diamond and rotary drilling.

The 1991 program explored areas near Foster Gulch, Soda Creek, Gold Bottom Creek, Left Fork Upper Hunker Creek, Upper Indian River, Upper Bonanza Creek, and Skookum Gulch. The program targeted high grade quartz veins and low grade disseminated sources. To these ends the following work was performed: geological mapping, 13 line kilometers of VLF-EM, 317 geochemical samples, and 8 trenches.

No significant gold mineralization was found in any of the areas tested. However, a geophysical anomaly passing through and extending past the Bum showing on Gold Bottom Creek was detected.

Further work should explore other areas of the property, as the results from the areas tested are not encouraging. The exception to this is the Bum showing, where the geophysical anomaly could be drilled to test for copper mineralization.

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GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL,
AND TRENCHING REPORT ON THE
DAWSON PROPERTY

DAWSON MINING DISTRICT, YUKON

1. INTRODUCTION

This report describes the field program completed between June 3 and October 12, 1991 under the supervision of Project Geologist Scott Tomlinson of Hastings Management Corp.

1.1 LOCATION AND ACCESS

Dawson City is the principal population and supply center of northwestern Yukon. It can be reached via the two-lane, all-weather, Klondike Highway from Whitehorse on the Alaska Highway, a distance of 535 km. Dawson City is presently served by scheduled flights from Whitehorse where connections to Vancouver or Edmonton are available.

The mineral claims are located east and southeast of Dawson City in the Klondike Mining District as shown in Figure 1. The claims overlie the valleys of Foster Gulch, Soda Creek, Gold Bottom Creek, Upper Hunker Creek, Upper Indian River, and Bonanza Creek, and are plotted on Figure 2.

Relief on each claim block is on the order of 150 m (500 ft) with elevations ranging from 460 m (1500 ft) to 910 m (3000 ft). Terrestrial coordinates for the center of the claim block are: 63° 59' North Latitude, 139° 14' West Longitude.

Access to the property is provided by the Klondike Highway and the Bonanza, Hunker, and Dominion Creeks Roads. Several recently completed unimproved roads provide good access for 4x4 trucks within much of the claim group.

ARBOR RESOURCES INC.

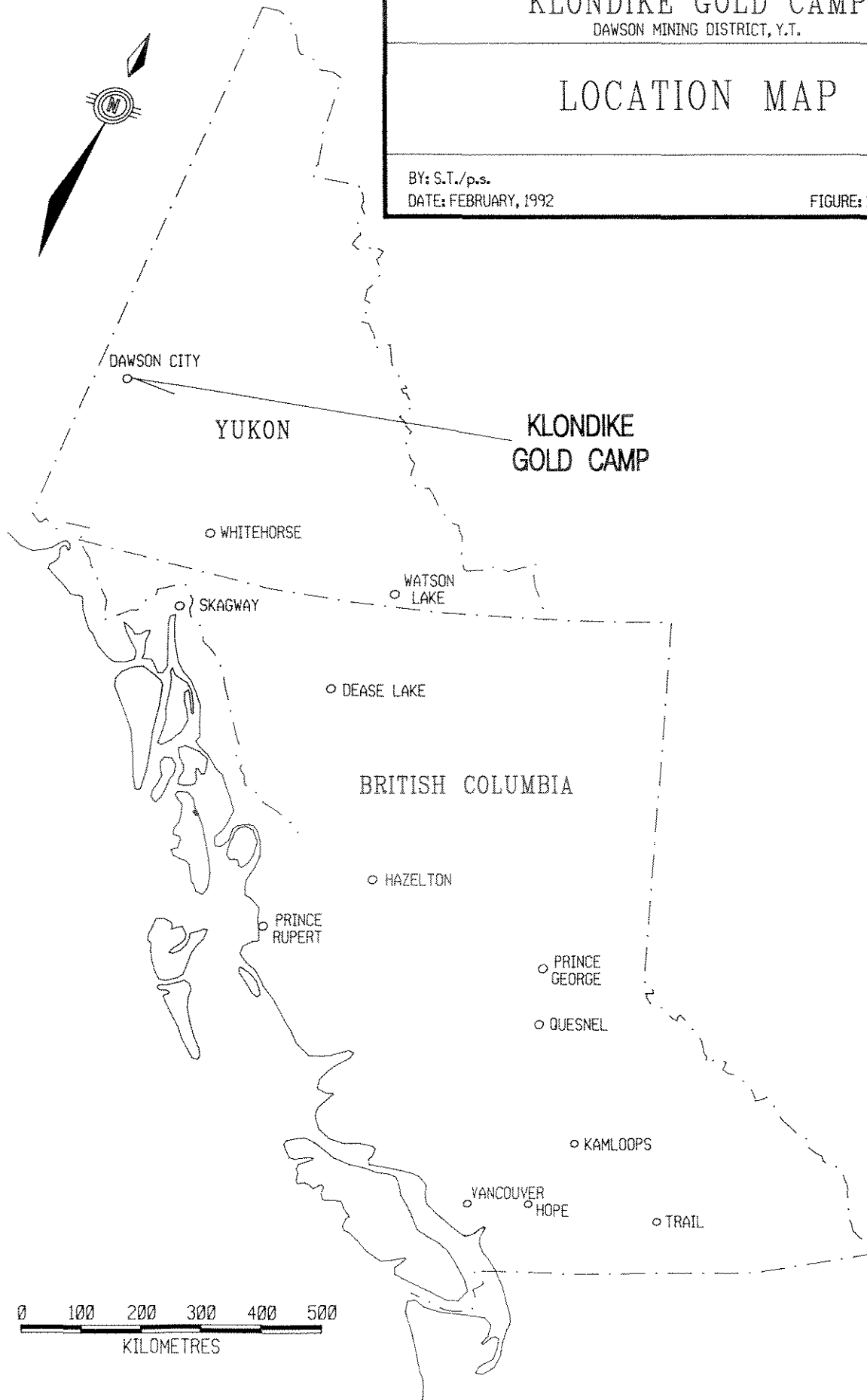
KLONDIKE GOLD CAMP

DAWSON MINING DISTRICT, Y.T.

LOCATION MAP

BY: S.T./p.s.
DATE: FEBRUARY, 1992

FIGURE: 1



1.2 PHYSIOGRAPHY AND CLIMATE

The Klondike region forms a part of the Yukon Plateau or upland surface which, locally, occupies an area between the Pacific and Alaskan Mountain Ranges to the west and northwest, the Ogilvie Mountains to the northeast and east, and the Dawson Range to the southwest and south.

The region is a thoroughly dissected upland which was elevated at one period into a high plateau. This plateau was subsequently deeply eroded by a multitude of small streams tributary to the main water courses. A secondary uplift resulted in further deepening of the valleys from 150 m to 200 m. Portions of the old valley-bottoms, still covered with thick accumulations of gravel forming terraces of varying width, border the newer valleys (McConnell, 1905; also, G.S.C. Mem.84, 1957). Today, the valleys are flat and wide in their lower reaches, but gradually narrow toward their head waters into steep-sided gulches ending in broad, amphitheater-shaped bowls.

The Klondike proper occupies an area of approximately 30 by 60 km. The drainage is dominated by the northerly flowing Yukon River and its westerly flowing tributaries, the Klondike River to the north and the Indian River to the south. Elevations within the Klondike range from 320 m (1050 ft) at Dawson City to 1295 m (4048 ft) at the top of King Solomon Dome, a span of approximately 915 m (3000 ft). The principal gold-producing streams of the Klondike originate near, and radiate in a general way from, King Solomon Dome, flowing eventually into the Klondike River on the north and the Indian River on the south and thence into the Yukon River.

The Klondike region was not glaciated and, as a result, the deeply weathered, pre-glacial, gently rolling upland surface has been preserved. A thick covering of decomposed schist, usually intermingled with slide rock, mantles the side hills nearly everywhere. On the ridges the covering is less; the schists occasionally project above surface or crop out along the sides of the steeper hills.

The region has a northern continental climate, characterized by low precipitation and a wide temperature range. The winters are intensely cold and long, while the summers, although short, are pleasant with cool nights and warm days. Because of the land form there is a tendency for local micro-climates to develop at the bottom of steep valleys which involves higher summer maxima and lower winter minima than are recorded in Dawson City. Precipitation is only about 30 cm (12 inches) per year with more rain in summer than snow in winter. Most of the mountain ridges are free of snow by mid-July, but frost may occur at any time during the summer. As a rule, precipitation is so low that shortages of water for placer mining are sometimes experienced.

Vegetation is mixed boreal forest and tundra. Immature and stunted stands of aspen, balsam, poplar, and birch are present in the valley bottoms and are beginning to reclaim the older mining areas. Softwood timber consisting mainly of white and black spruce are limited to slopes and ridge tops.

1.3 CLAIM INFORMATION

The property is located in the Dawson Mining District of northwestern Yukon Territory and is comprised of 209 located quartz claims covering an area of approximately 52 km², as shown on Figure 2. Disposition of the claims worked and renewed is as follows in Table I:

TABLE I
CLAIM STATUS

CLAIMS	GRANTS	ANNIVERSARY	OWNER
TONY 23-28	YB31237-242	31 DEC	50% RIS, 50% WLH
TONY 47-52	YB31261-266	31 DEC	50% RIS, 50% WLH
TONY 119-120	YB31495-496	31 DEC	50% RIS, 50% WLH
TONY 127-128	YB31503-504	31 DEC	50% RIS, 50% WLH
TOP 37-59	YB31052-074	31 DEC	100% FHM
TOP 61-79	YB31076-085	31 DEC	100% FHM
EAGLE	YA5169	31 DEC	50% FHM, 50% WLH
JODY 23-27	YB38513-517	30 DEC	50% FHM, 50% WLH
JODY 59-65	YB38544-550	30 DEC	50% FHM, 50% WLH
JODY 85-94	YB38570-579	30 DEC	50% AOR, 50% WLH
JODY 107-115	YB38592-600	30 DEC	50% AOR, 50% WLH
JODY 185-206	YB38734-755	31 DEC	50% AOR, 50% WLH
GULF 9,10	YB39282,283	31 DEC	100% WLH
GULF 12-20	YB39285-293	31 DEC	100% WLH
GULF 73-84	YB39346-357	31 DEC	100% WLH
HL 61-65	YB05368-372	17 NOV	60% AOR, 40% DEL
HL 67,69	YB05374,376	17 NOV	60% AOR, 40% DEL
HL 84,88	YB05391,395	17 NOV	60% AOR, 40% DEL
HL 90-96	YB05397-403	17 NOV	60% AOR, 40% DEL
WIN 81,83	YB30967,969	31 DEC	100% FHM
SYNDICATE 1-4	YA79198-261	16 SEP	100% SYN
SYNDICATE 9,10	YA79198-261	16 SEP	100% SYN
SYNDICATE 11,12	YA79198-261	16 SEP	100% SYN
SYNDICATE 71,72	YA79198-261	15 SEP	100% SYN
FILLER 2	YA84253	16 JUL	100% SYN
98 13-16	YA79561-564	5 DEC	100% SYN
98 18-21	YA79566-569	5 DEC	100% SYN
98 23-27	YA79571-575	5 DEC	100% SYN
98 29-60	YA79577-608	5 DEC	100% SYN

N.B.: AOR = Arbor Resources Inc.
 DEL = Dawson Eldorado Mines Ltd.
 FHM = Faith Mines Ltd.
 RIS = Rise Resources Inc.
 SYN = Dawson Syndicate (1983)
 WLH = Wealth Resources Ltd.

1.4 HISTORY AND PREVIOUS PRODUCTION

The Klondike region is well known for the 11 million ounces of placer gold recovered since 1896, over half of which has come from Bonanza and Eldorado Creeks.

The mining of the placer deposits has been accomplished by a succession of methods. Originally, hand miners would shaft down through frozen gravels to "pay zones" near bedrock in the winter and sluice the gravel in the summer; using these techniques over five million ounces of gold was recovered. Subsequently, from 1903 to 1966, dredges reworked the streams and recovered an additional five million ounces. Since the dredging ended, bulldozers have been used to push gravel through sluice boxes and have recovered approximately one million ounces of gold.

Exploration for lode gold in the Klondike has concentrated on testing quartz deposits at the head of auriferous placers. All of the claims worked are situated near rich placer deposits, and all have old workings on them, although only the Bum showing is significant.

The Bum showing is located 5.5 kms upstream along Gold Bottom Creek. Between 1905 and 1908, two tons of ore from two shafts was sent to a smelter. Samples from the underground workings appear to be a pyrite, chalcopryite, and bornite bearing brecciated quartz vein. Although assays of 18% Cu and 618 g/t Ag have been reported (Debiki, 1985), drilling by Yukon Consolidated Gold Corp. in the 1950's was not encouraging.

1.5 RECENT EXPLORATION

Most of Bonanza, Eldorado, Bear, and lower Hunker Creeks has been covered by two airborne geophysical surveys flown for the Hughes-Lang Group. In 1984, Questor Surveys Ltd. carried out a fixed-wing borne electromagnetic and magnetic survey. In 1987, Aerodat Ltd. carried out a helicopter borne electromagnetic, magnetic, and very low frequency electromagnetic survey. In 1988, Dawson Eldorado Mines Ltd. carried out reconnaissance soil sampling over the Top and H1 and Win claims, resulting in several isolated gold anomalies. In 1990, Herman Liedtke took several soil samples from the Gulf claims, and reported two spot anomalies. No other significant exploration has occurred on any of the claims recently except the 98s, where soil sampling has been carried out around Skookum Gulch. The only gold anomalies are along the creek itself, and these may be due to placer contamination. Several trenches have also been excavated adjacent to Skookum Gulch, but no anomalies resulted.

1.6 WORK COMPLETED IN 1991

Field work completed by Hastings Management Corp. for Arbor Resources Inc., Dawson Eldorado Mines Ltd., Dawson Syndicate (1983), Faith Mines Ltd., Rise Resources Inc., and Wealth Resources Ltd. was carried out from June to October, 1991. This work included:

- (1) 13 lkms of VLF-EM16 surveying using three stations on Gold Bottom Creek.
- (2) 1 silt sample from the Gulf claims.
- (3) 257 soil samples: 43 from the Tony claims; 50 from the Tops; 48 from the Jodys; 51 from the Gulfs; 19 from the HL and Wins; and 46 from the 98s.
- (4) 49 rock chip samples: 6 from the Tony claims; 2 from the Tops; 19 from the Jodys; 8 from the Gulfs; and 14 from the HL and Wins.
- (5) 8 trenches were excavated on the 98 claims, with 4 soil samples and 6 rock chip samples taken.

2. GEOLOGY

2.1 REGIONAL GEOLOGY

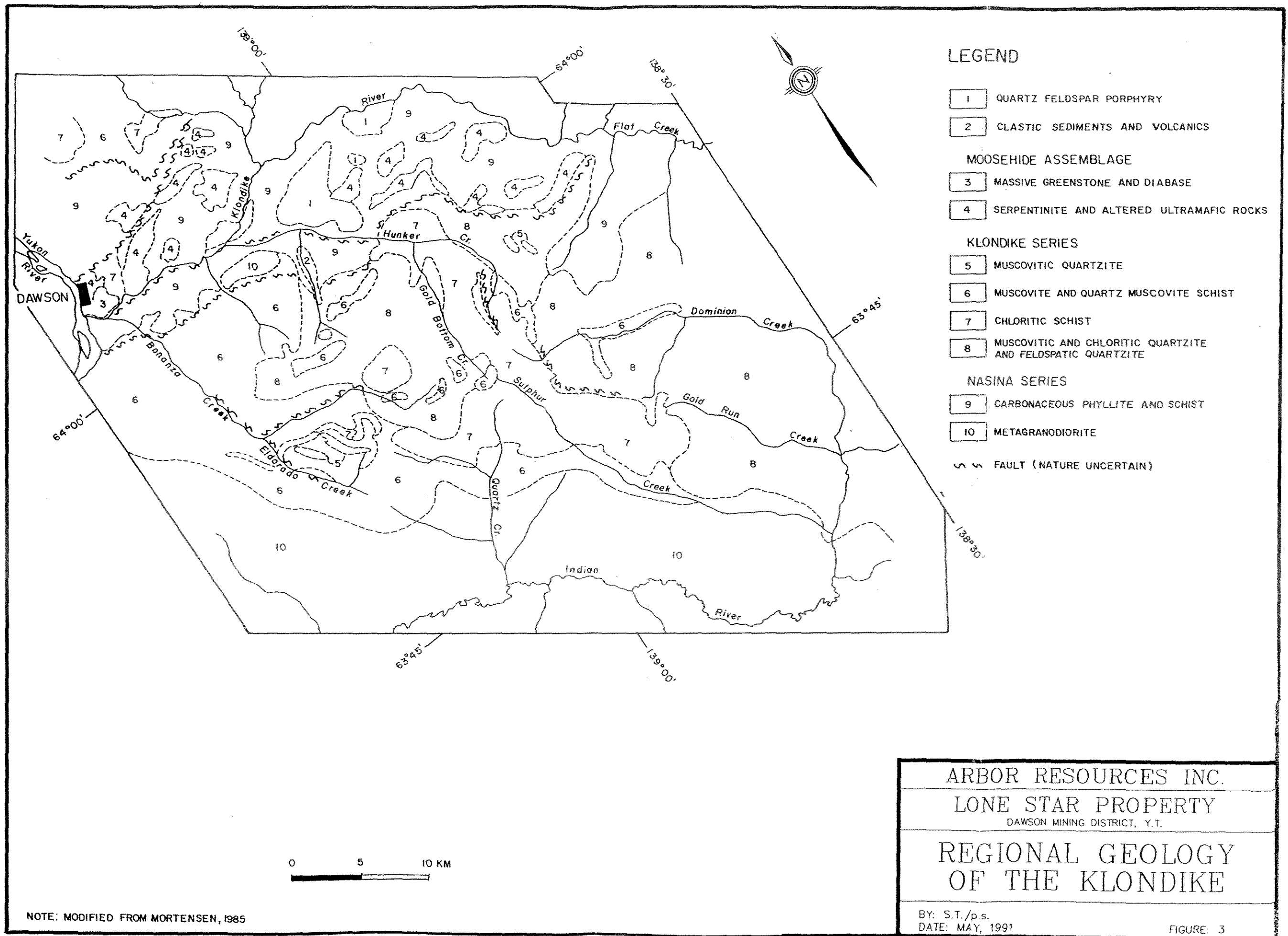
Bedrock exposures amount to less than one percent of the area and are generally confined to gulches, recent landslide areas, and road cuts. The Klondike district was first mapped by Bostock (1942), followed by Green and Roddick (1961), Metcalfe (1981), and Debicki (1984 and 1985), and most recently by Mortensen (1990). Bedrock in the Klondike area is generally grouped into five major units which are, from oldest to youngest, the Nasina Series, the Klondike Series, the Moosehide Assemblage, early Tertiary volcanics/volcanoclastics and Tertiary intrusives. An overview of the geology is shown in Figure 3.

Rocks of the Nasina Series consist of graphitic schists, graphitic quartzites and siliceous marbles with minor chlorite schists and muscovite schists. These rocks have been metamorphosed to grades ranging from upper greenschist to middle amphibolite facies, and appear to have been derived from marine offshore sedimentation similar to that found along continental shelves. Field studies indicate that the Nasina Series pre-dates the Klondike Series; thus, an age of formation in the late Carboniferous to mid-Permian is likely.

Most litologies exposed in the Klondike district belong to the Klondike Series. These are quartzofeldspathic schists containing varying amounts of chlorite, muscovite and sericite. They have undergone upper greenschist to middle amphibolite grade metamorphism and at least four separate deformational events. This series appears to represent water lain arkosic sediments and rhyolitic to andesitic tuffs derived from a succession of stratovolcaniclastic venting. The minimum estimated age of formation of the Klondike Series lies within the middle Permian. Metcalfe claims that the Klondike formation has a conformable basal contact with the structurally underlaying rocks of the Nasina Series, although field studies indicate a low angle thrust contact.

To the west the Klondike Schists are in contact with a blocky weathering, granitic textured, biotite-quartz-feldspar orthogneiss. Thin section studies of these rocks indicate that they were originally medium to coarse grained plutonic rocks of granodiorite to quartz diorite composition, and may represent the magmatic source for those tuffs now comprising the Klondike Series. Zircon dating of these rocks indicates an age of emplacement between Late Devonian and early Carboniferous (Mortensen).

The age of metamorphism of the Klondike and Nasina Series formations has been placed in the Late Triassic (Metcalfe).



Structurally overlying the rocks of the Klondike and Nasina Series are occurrences of greenstone and altered ultramafics belonging to the Moosehide Assemblage. Included in the ultramafic unit are a variety of rock types including massive, partially serpentinitized peridotite (harzburgite), massive to sheared serpentinite, silica-carbonate altered serpentinite, and talc-carbonate schist. Massive greenstone and strongly altered, fine to medium grained diabase are exposed in several steep bluffs in the vicinity of Dawson. These rocks are unfoliated and form part of a slab of greenstone and serpentinite that underlies the southwestern slope of the Midnight Dome east of Dawson. Occurrences of greenstone and ultramafic rocks are commonly found along the sheared contact between the Klondike and Nasina Series rocks. They are thought to represent exotic slices of uncertain origin (ophiolite?), structurally emplaced during thrust faulting.

Gently folded andesitic volcanics and clastic sediments belonging to the Carmacks suite are present in the Last Chance Creek area. These rocks were considered to be early Tertiary in age; however, recent work on similar rocks in the Indian River area suggests that these rocks are middle Cretaceous in age (Mortensen, 1986).

Intrusive rocks are present as numerous dykes and sills ranging in nature from diabase to rhyolite. These have been dated as Tertiary to early Quaternary in age. Larger Tertiary intrusive bodies are rare in the Klondike except for a rhyolite porphyry stock that outcrops along Hunker Creek. Isotopic dating (Debicki) indicates that the porphyry is approximately 50 to 60 million years old.

The regional structure is dominated by the Tintina Thrust Fault, which is only 15 km away. Much of the faulting, deformation, and lithology trends to the northwest, parallel the Tintina.

2.2 PROPERTY GEOLOGY

The geology of the property was chiefly determined from the examination of trenches and road cuts, and the interpretation of geophysical information, as there are few outcrops. The property is dominantly underlain by facies of the Klondike Schist. Lithological and structural continuity has been disrupted by folding and faulting. Age relationships of the various lithologies are largely unknown since tops cannot be determined and contacts are either gradational, interlayered, or faulted.

The Tony claims are mostly underlain by Nasina Series carbonaceous schists, but there are also minor occurrences of Moosehide Assemblage ultramafics and Tertiary quartz feldspar porphyrys. The Top claims have mostly quartzofeldspathic schists of the Klondike Series and a quartz augen schist similar to the orthogneiss. No exposure was available on the Eagle claim; however, the local creeks have mostly Klondike Series float. The Jody claims had relatively good road exposure of various Klondike Schists, as shown in Figure 7. The Gulf claims are mostly underlain by the orthogneiss, but small exposures of quartzite occur. The HL and Win claims also had fair exposure (due to roads and ridge tops) and showed Klondike Schists, as mapped in Figure 9. Lastly, the 98 claims again cover Klondike Schists and Tertiary dykes; the graphite lenses are possibly thrust slices of Nasina Series.

2.3 ECONOMIC GEOLOGY

With few exceptions, exploration of the area has always focused on the placer deposits. Since production began in 1896, the Klondike district southeast of Dawson City has produced over 11 million ounces of placer gold.

Previous hard rock exploration has concentrated on exploring quartz deposits. Quartz occurs in two forms: foliaform and discordant. The foliaform quartz forms pods and lenses ranging in thickness from 1 cm to over 1 m within the schists, and are probably the result of metamorphic segregation of the protolithologies. The discordant or vein quartz varies from less than 1 cm to over 2 m in thickness, has a general attitude of $140^{\circ}/40\text{NE}$, and is mesothermal in origin (as determined by fluid inclusion work). Very similar veins near King Solomons Dome have been age dated at 138 m.y.a. (Mortensen, 1990). Carbonate is a common constituent, galena may be present, and a pyrite selvage often forms. Pyrite may also form stringers and veinlets by itself. Although there has been exploration on both types of quartz, only the discordant veins carry gold; the gold is almost always associated with galena and/or pyrite. The pyrite stringers and veinlets also may have gold.

The Bum showing is 5.5 kms upstream along Gold Bottom Creek from Hunker Creek. Debiki (1985) described the Bum showing as being "Chalcopyrite, pyrite and bornite in brecciated quartz-chlorite schist ...". Blocky float found near the headframe was chloritic schist with up to 10% pyrite as disseminations and stringers. However, samples reputedly from the underground workings appear to be a pyrite, chalcopyrite, and bornite bearing brecciated quartz vein.

3. GEOPHYSICS

In 1991 a total of 13 line-kilometres (lkms) of Very Low Frequency - Electromagnetic (VLF-EM) surveying was done on Gold Bottom Creek, as shown in Figure 6. A Geonics EM-16 was used in the survey, readings were taken at 25 metre intervals, and three different submarine stations were used: Seattle, Hawaii, and Cutler (Maine).

The VLF-EM survey was run over the Bum showing to determine if the mineralization could be detected and traced by geophysics. As the strike of the mineralization was unknown, three grids were run; the first consisting of 5.6 lkms orientated at 21° using the Seattle station, the second of 5.7 lkms at 130° using Hawaii, and the third of 1.7 lkms at 130° using Cutler.

The Inphase, Fraser Filter, and Quadrature values are listed in Appendix I. Although neither Seattle nor Hawaii detected an anomaly, Cutler did pick up a weak conductor trending 053° , passing through the Bum showing, and strengthening to the northeast. The anomaly is cut off to the southwest, possibly due to a fault adjacent to the creek.

Although the source of the conductor is unknown, its coincidence with the Bum shaft, and the nature of the ore, would suggest that the geophysical anomaly is related to the mineralization. No conclusions as to the economic potential of the anomaly can be deduced until the target is drilled.

4. GEOCHEMISTRY

4.1 SILT SAMPLING

In 1991, only one silt sample was taken, and that was from the Gulf claims as shown in Figure 8. The sample was taken from a small stream to check for any regional mineralization.

A sample of silt was collected from a low energy portion of the stream and sent to Chemex Labs Ltd. in North Vancouver. There the sample was dried and sieved to -80 mesh and analysed for Au by the Fire Assay-Atomic Absorption (FA-AA) method and for 32 additional elements by the Inductively Coupled Plasma-Atomic Emission Spectrometry (ICP-AES) technique.

Analytical results are shown in Appendix II. No anomalous values were returned from this sample.

4.2 SOIL SAMPLING

In 1991, a total of 257 soil samples were taken. They are distributed in the following manner: 43 soil samples were taken from the Tony claims, 50 from the Tops, 48 from the Jodys, 51 from the Gulfs, 19 from the HL/Wins, and 46 from the 98s; their locations are shown in Figures 4, 5, 7, 8, 9, and 10 respectively. The samples were taken from grids to test for local mineralization.

The soil samples were all taken from the "B" soil horizon, usually on 50 m spacings. The samples were then sent to Chemex Labs Ltd. in North Vancouver. There they were oven dried and sieved to -80 mesh; the coarse fraction was then discarded and the fine fraction pulverised for analysis. Gold was analysed by the FA-AA method and 32 additional elements by the ICP-AES technique.

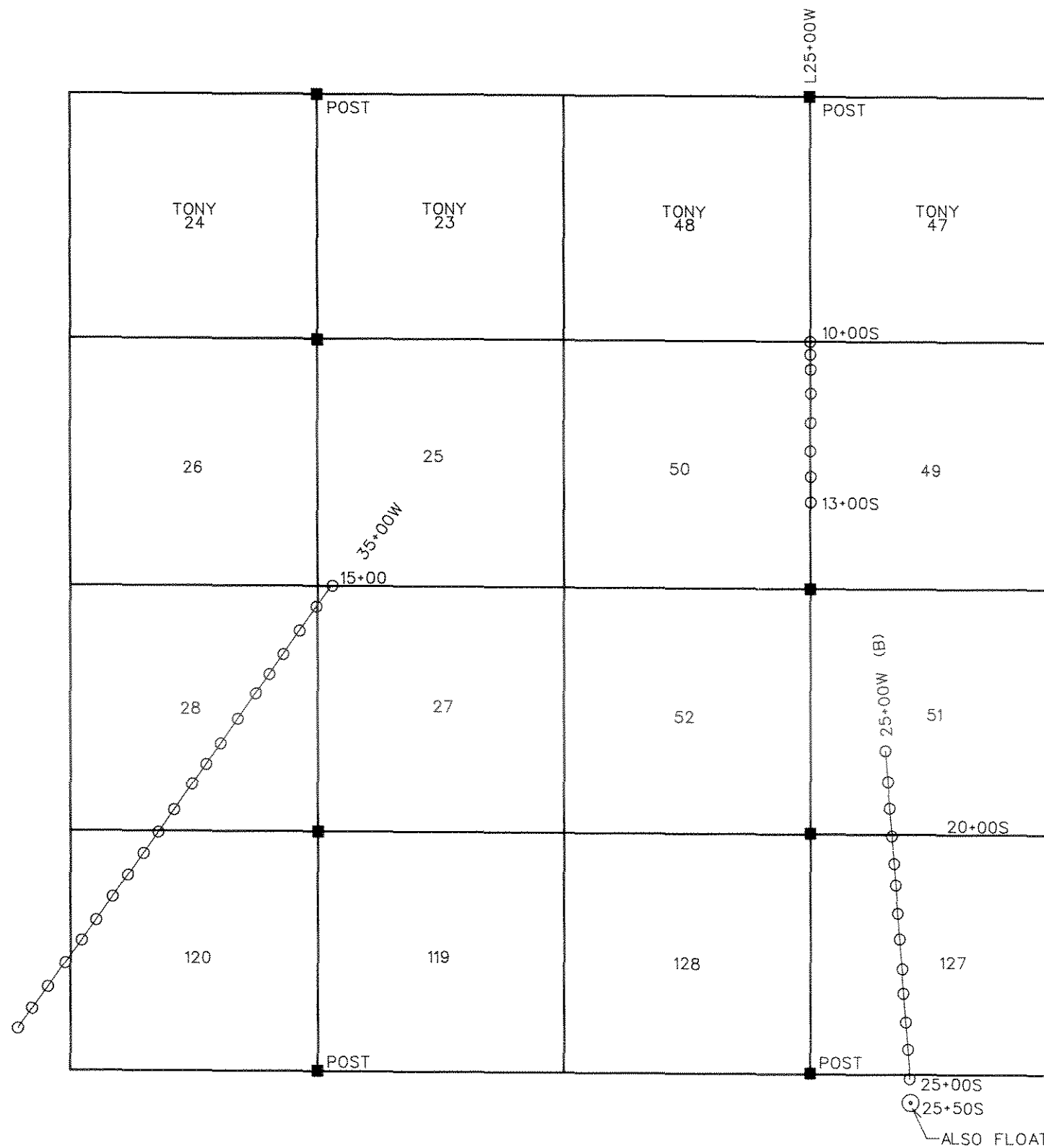
Analytical results are listed in Appendix III. The only grid samples anomalous in gold were from the Gulf and the HL/Win claims. The Gulf samples GLF1 000W, GLF1 125N, and GLF2 850E returned 95, 110, and 50 ppb Au respectively. The sample from the HL/Win grid HL1 225 ran 790 ppb Au. The reconnaissance lines at Skookum Gulch had only one anomalous gold value: LSG 150W returned 60 ppb Au.

4.3 ROCK CHIP SAMPLING

In 1991, a total of 49 rock chip samples were taken. They are distributed in the following manner: 6 rock chip samples were taken from the Tony claims, 2 from the Tops, 19 from the Jodys, 8 from the Gulfs, and 14 from the HL/Wins; their locations are shown in Figures 4, 5, 7, 8 and 9 respectively. The samples were taken from outcrops which appeared mineralized or geologically anomalous.

The rock chip samples were all taken as grab or select samples. The samples were sent to Chemex Labs Ltd in North Vancouver, where they were crushed and split, and then pulverised and screened to - 150 mesh. Gold was analyzed using the FA-AA method, and 32 additional elements were analyzed using the ICP-AES technique.

Analytical results are listed in Appendix IV. Four of the Jody samples were anomalous: sample 39926 was of a gouge and analysed 85 ppb Au; 39928 was a sericitic quartzite and ran 200 ppb Au; 39935 was also a quartzite and ran 55 ppb Au; and 39938 was a sericitic schist that ran 95 ppb Au. One of the HL/Win samples was also anomalous: sample 39947 was of a silica schist and analysed 765 ppb Au.



SCALE 1:10,000
0 100 200 300 400 500
METRES

N.B.: SAMPLES 517551-555 ARE ADJACENT
TO CLAIMS SHOWN

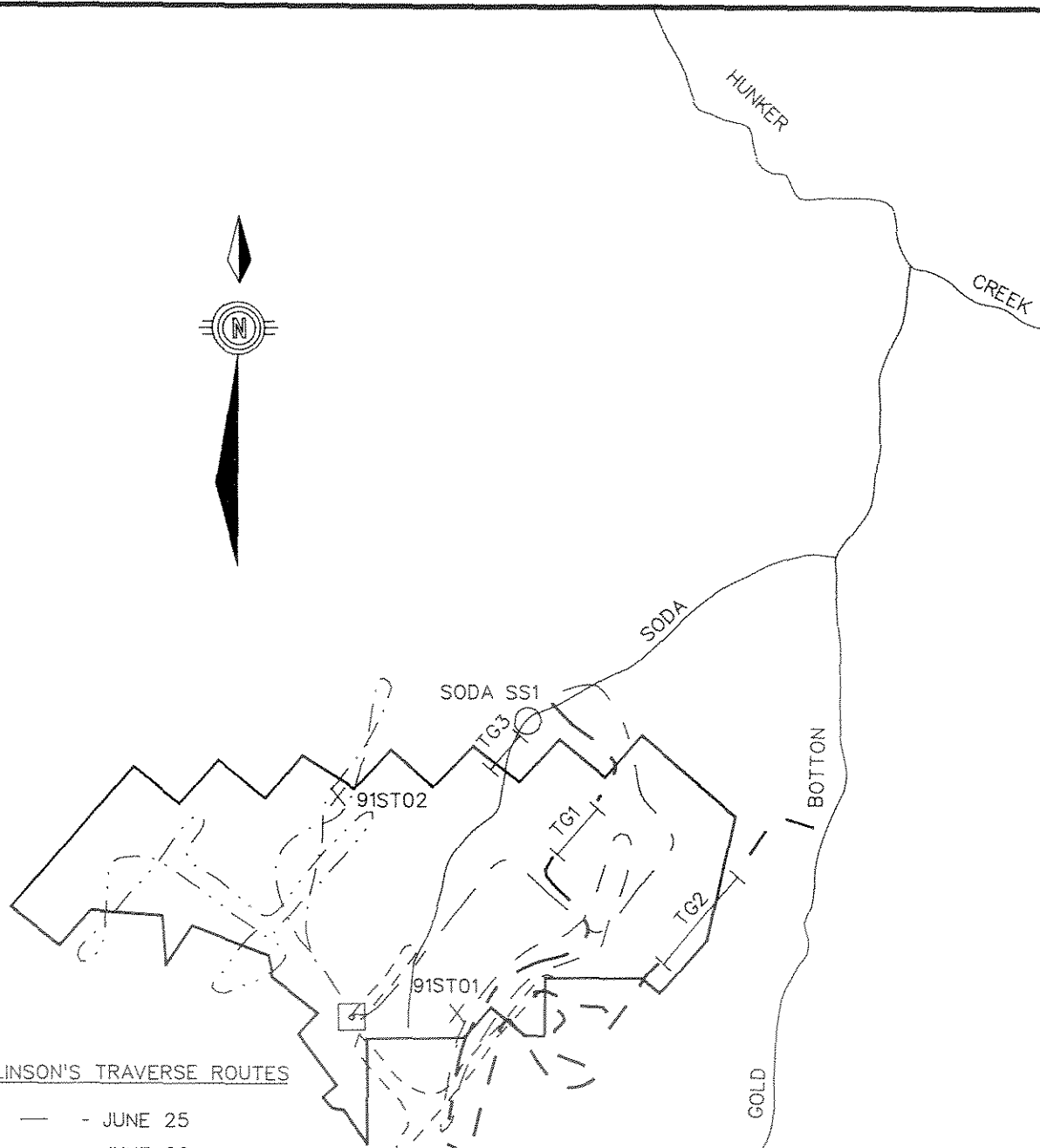
ARBOR RESOURCES INC.

TONY CLAIMS
DAWSON MINING DISTRICT, Y.T.

COMPILATION MAP

BY: A.T./p.s.
DATE: FEBRUARY, 1992

FIGURE: 4



SCOTT TOMLINSON'S TRAVERSE ROUTES

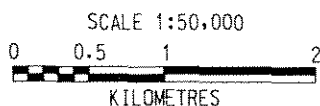
- - - - - JUNE 25
- JUNE 26
- - - - - JUNE 27
- — JUNE 28
- - - - - JULY 01

PHIL VAN ANGEREN'S TRAVERSE ROUTES

- — JUNE 26
- - - - - JUNE 27

LEGEND

- |— SOIL LINE
- X ROCK CHIP SAMPLE



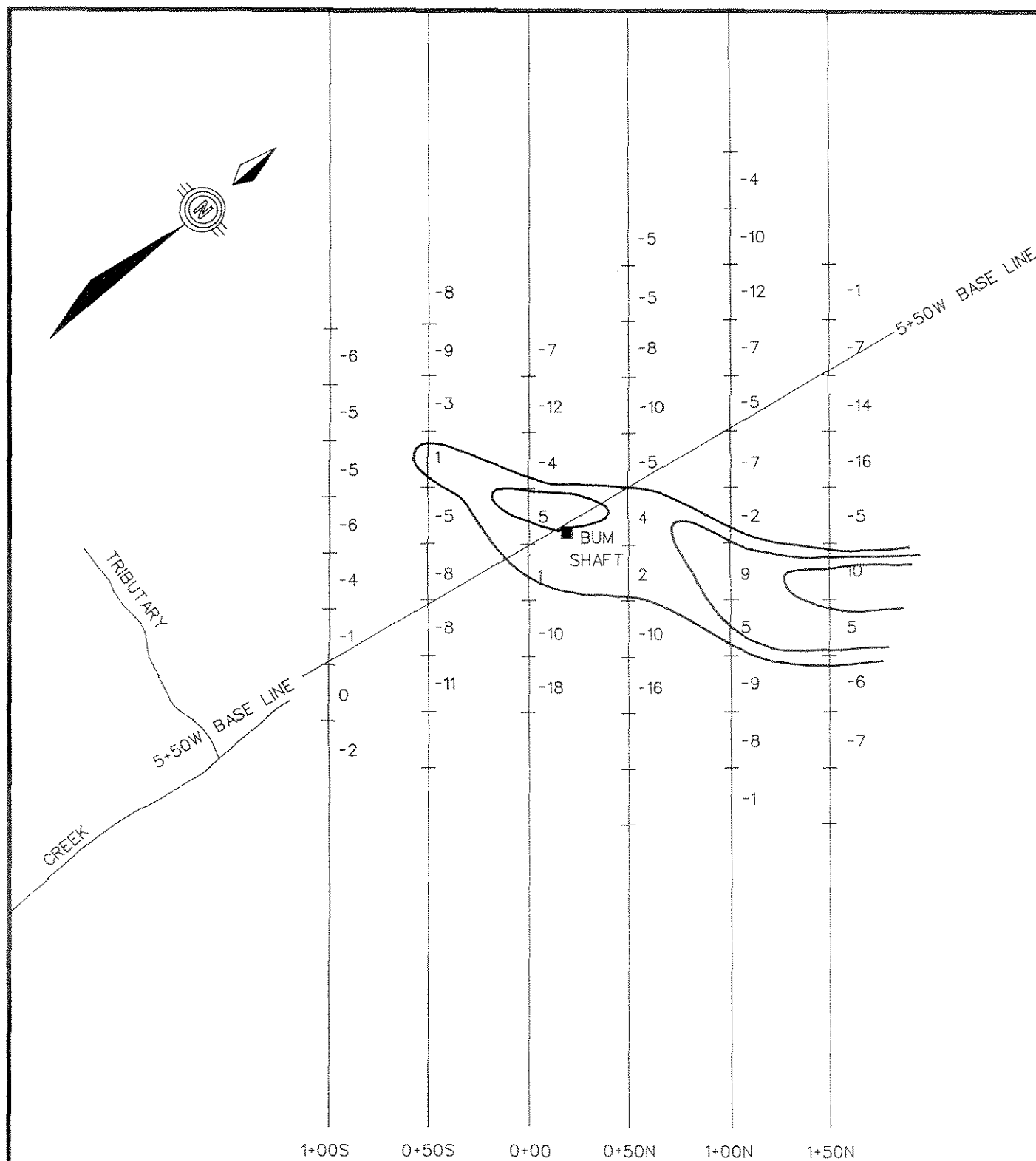
ARBOR RESOURCES INC.

TOP CLAIM
DAWSON MINING DISTRICT, Y.T.

COMPILATION MAP

BY: P.V.A./p.s.
DATE: FEBRUARY, 1992

FIGURE: 5



SCALE 1:2,500
0 25 50 75 100 125
METRES

VLF-EM-IN PHASE
FRASER FILTER
CUTLER MAINE STATION

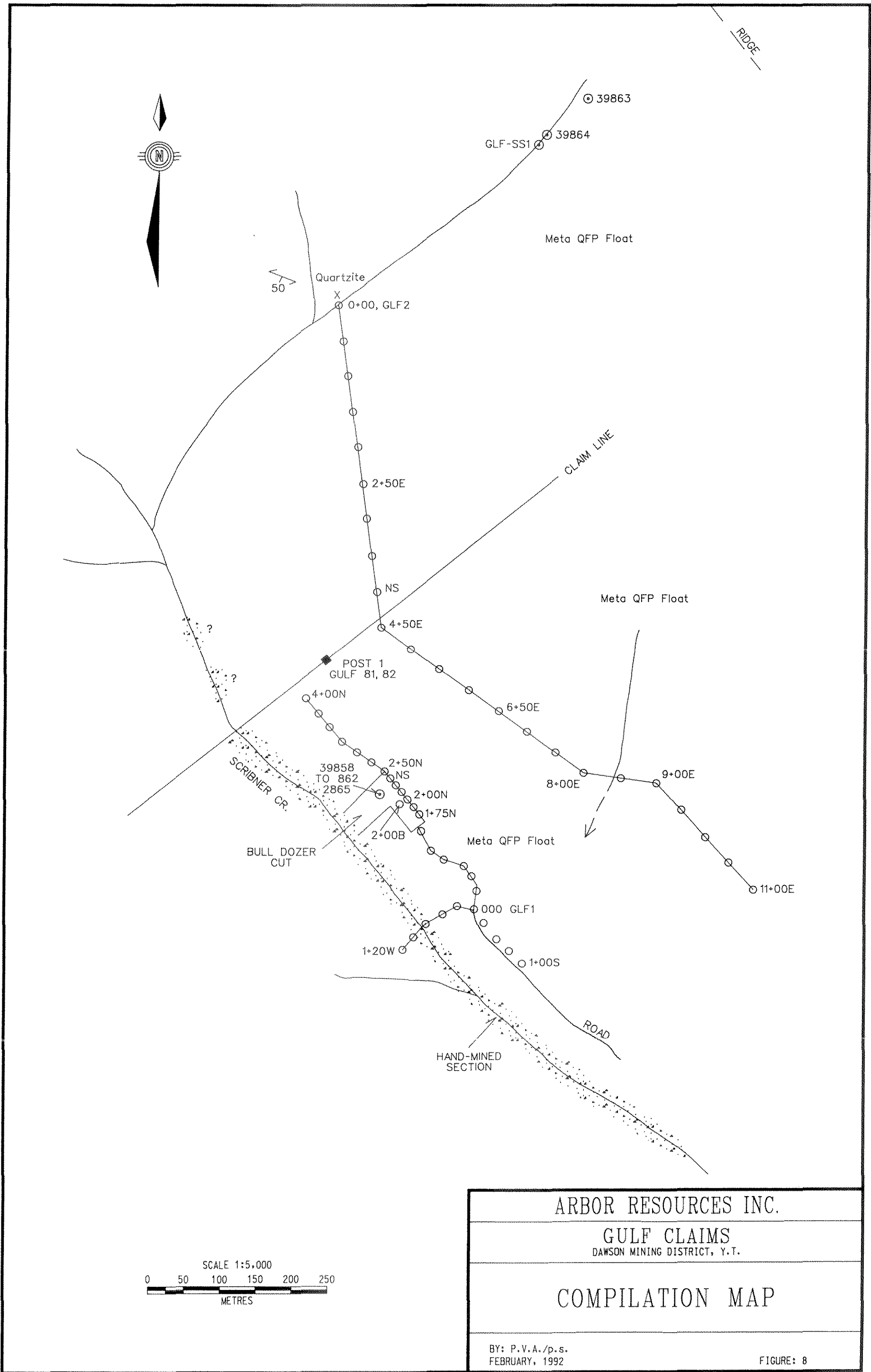
ARBOR RESOURCES INC.

EAGLE CLAIM
DAWSON MINING DISTRICT, Y.T.

COMPILATION MAP

BY: A.T./p.s.
FEBRUARY, 1992

FIGURE: 6



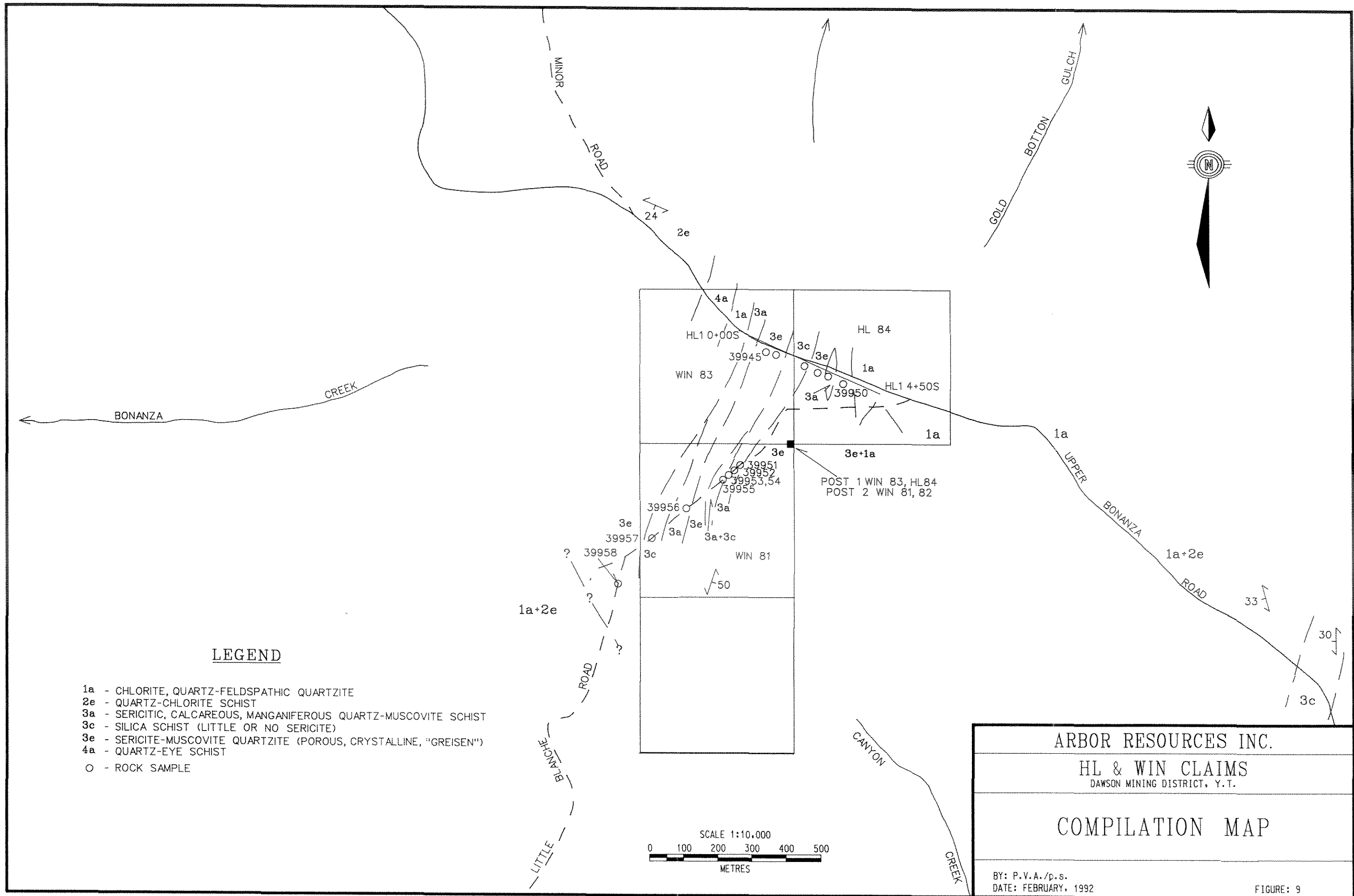
ARBOR RESOURCES INC.

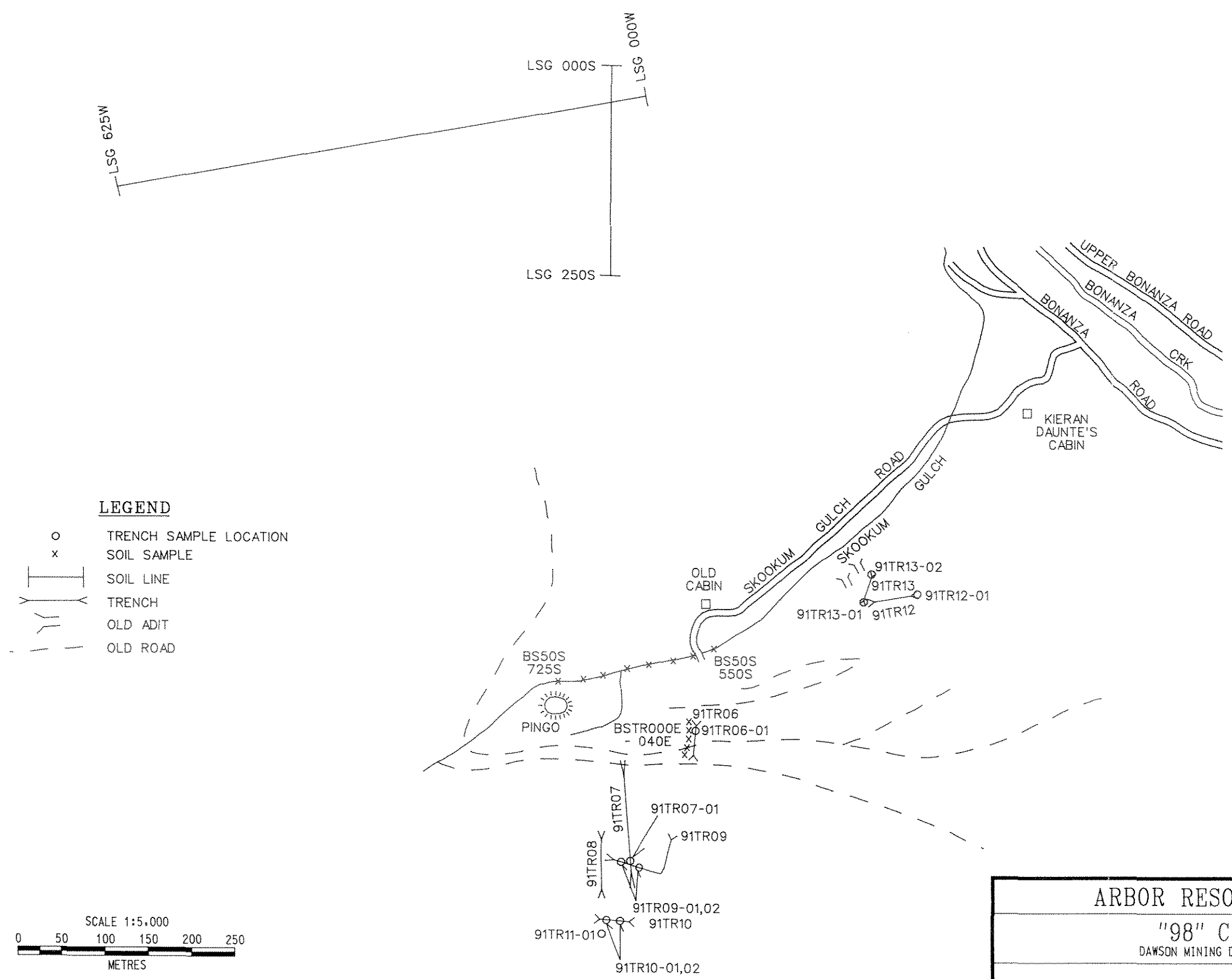
GULF CLAIMS
DAWSON MINING DISTRICT, Y.T.

COMPILATION MAP

BY: P.V.A./p.s.
FEBRUARY, 1992

FIGURE: 8





ARBOR RESOURCES INC.	
"98" CLAIMS	
DAWSON MINING DISTRICT, Y.T.	
COMPILATION MAP	
BY: S.T./p.s. DATE: FEBRUARY, 1992	FIGURE: 10

4. TRENCHING

A total of 8 trenches were excavated on the 98 claims near Skookum Gulch, as shown in Figure 9. They were designed to test a graphite horizon for mineralization along its contact, except for 91TR12 and 91TR13, which tested the strike extension of an old adit.

The trenches were made using a Bantam excavator, equivalent to a Caterpillar 235. Trench 91TR08 was not sampled as no graphite was exposed. Three trenches, 91TR06, 91TR12, and 91TR13, did not reach bedrock due to permafrost, and were soil sampled. The other trenches were channel rock chip sampled across graphite/schist contacts (91TR07, 09, and 10) or were grab sampled at a quartz augen (91TR11). The samples were processed using the same techniques as described in the geochemical section.

Table II below lists the trenches, their dimensions in metres, and their sample types.

TABLE II
TRENCHING DATA

TRENCH	DIMENSIONS	SAMPLES
91TR06	2m wide x 1m deep x 38m long	1 soil
91TR07	2m wide x 1.5m deep x 38m long	1 rock
91TR08	2m wide x 1.5m deep x 38m long	none
91TR09	2m wide x 2m deep x 38m long	2 rocks
91TR10	2m wide x 2m deep x 38m long	2 rocks
91TR11	2m wide x 2m deep x 38m long	1 rock
91TR12	2m wide x 1m deep x 38m long	1 soil
91TR13	2m wide x 1m deep x 38m long	2 soils

Analytical results are given in Appendix V. Only the rock chip sample from 91TR11 was anomalous in gold, assaying 0.020 oz/t.

5. CONCLUSIONS

The mineral claims owned by Arbor Resources Inc., Dawson Eldorado Gold Exploration Ltd., Dawson Syndicate (1983), Faith Mines Ltd., Rise Resources Inc., and Wealth Resources Ltd. are situated along some of the most productive placer creeks in the Klondike. The source of this gold is almost certainly covered by these claims.

The Tony claims did not return any significant assays, and as the geology is not of the typical gold bearing schists, no further work is recommended.

The Top claims, although they did not return any high assays, should be explored contingent on successful results being obtained from the Bum showing.

The Eagle claim has had significant copper and silver values reported from the Bum showing, and a coincident geophysical anomaly was detected this year, so this and the surrounding claims should be kept in good standing. The only method to explore this anomaly is by geophysics and drilling.

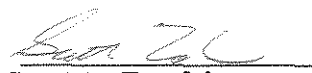
The Jody claims adjacent to the Eagle Claim should be explored (as with the Top claims) if the Bum showing proves significant. The Jody claims on the Left Fork of Upper Hunker Creek have favourable geology for gold mineralization, and should be systematically mapped and grid soil sampled.

The Gulf claims only had spot geochemical anomalies, and as the bedrock is mostly orthogneiss, no further work is recommended.

The HL/Win claims contain the Box Car showing, overlie Klondike schist, and have produced anomalous soil and rock geochemical samples both this year and previously when worked by Dawson Eldorado Mines Ltd. The claims should be systematically mapped and grid soil sampled.

The 98 claims continue to be an enigma. The geochemical and trench sampling from this and previous years have not produced any significant results. However, some of the placer gold found within Skookum Gulch could not have traveled very far (based on morphology of the nuggets and the size of the drainage basin). Future developments on the nearby Lone Star claims may suggest an exploration strategy for the 98s.

Respectfully submitted;


Scott Tomlinson

6. REFERENCES

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STATEMENT OF PROFESSIONAL QUALIFICATIONS

SCOTT TOMLINSON, B.Sc.

ACADEMIC

1983
UNIVERSITY OF BRITISH COLUMBIA
B.Sc. IN GEOLOGY

PROFESSIONAL

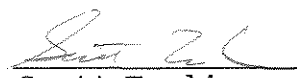
AUGUST 1990 - NOVEMBER 1991
HASTINGS MANAGEMENT
PROJECT GEOLOGIST
Responsible for regional and detailed exploration programs,
including rotary drilling, in Dawson, Yukon.

JUNE 1990 - AUGUST 1990
GEWARGIS GEOLOGICAL CONSULTING LTD.
GEOLOGIST
Assisted in a mapping and diamond drilling program near Stewart,
B.C.

JUNE 1986 - JUNE 1990
HUGHES LANG EXPLORATIONS LTD.
PROJECT GEOLOGIST
Responsible for regional and detailed exploration programs in
Dawson, Yukon, and central and western British Columbia. Also, was
involved in monitoring placer mining operations.

JUNE 1985 - MAY 1986
GEWARGIS GEOLOGICAL CONSULTING LTD.
PROJECT GEOLOGIST
Responsible for detailed exploration programs in central and
south-western British Columbia and southern California.

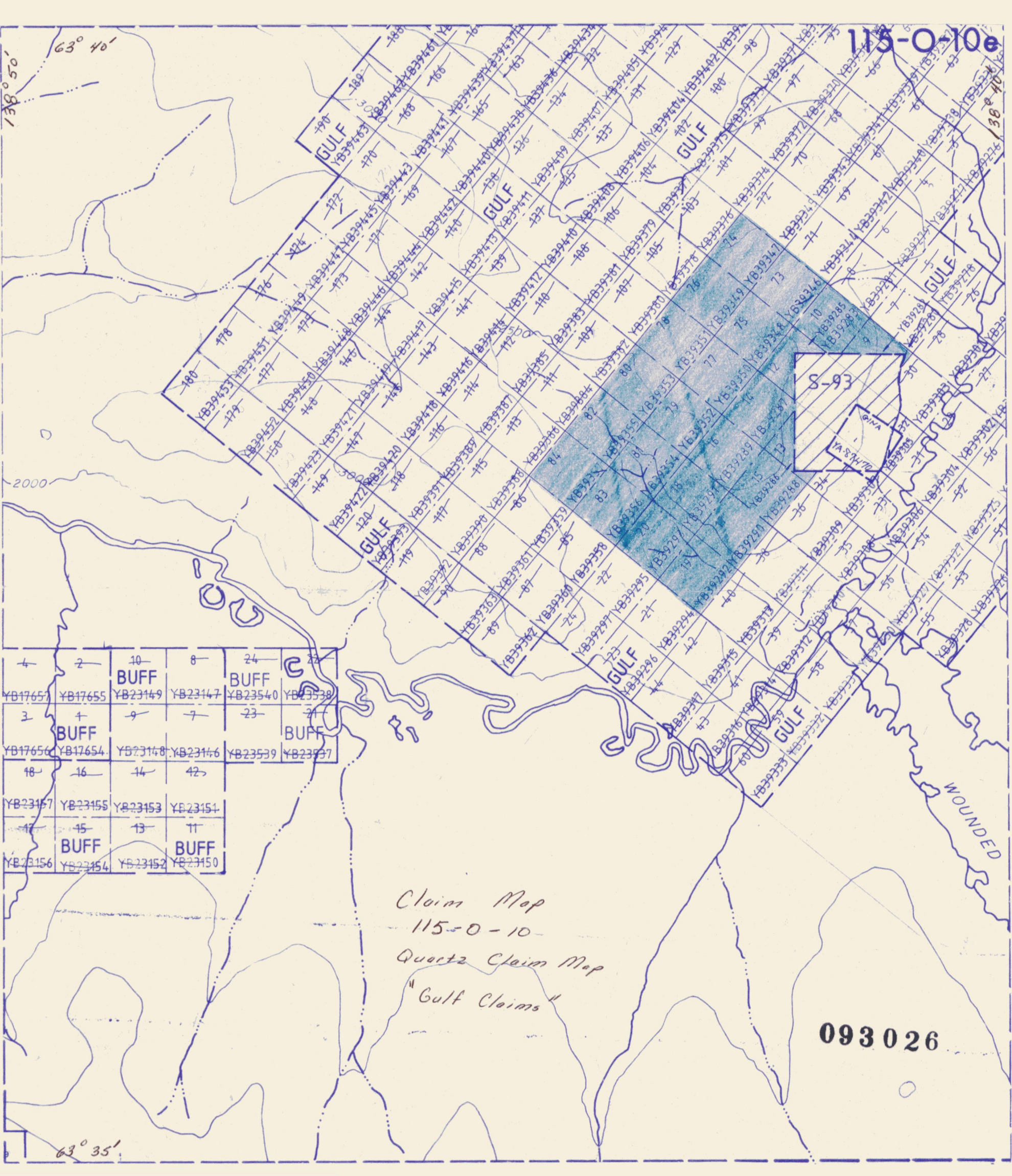
JUNE 1984 - NOVEMBER 1984, JUNE 1983 - NOVEMBER 1983
MARK MANAGEMENT
GEOLOGIST
Worked on regional and detailed exploration programs near Atlin,
British Columbia.


Scott Tomlinson

8. COST STATEMENT

CLAIM BLOCK	TONY	TOP	EAGLE	JODY	GULF	HL/WIN	98
CONSULTANT @\$350/day	1050		2100		350		
GEOLOGIST @\$300/day	300	1800		1500	1800	600	900
GEOLOGIST @\$200/day	200	1600	600				2800
ASSAYING @\$20/sample	980	1040		1340	1200	660	1120
VLF RENTAL @\$50/day			300				
TRUCK RENTAL @\$50/day	150	300	400	200	250	100	700
ROOM & BOARD @\$50/mday	250	700	450	250	350	100	850
MISC COSTS	70	260	150	110	50	140	150
CAT RENTAL @\$140/hr							7280
DRAFTING	100	100	100	100	100	100	100
REPORT PREPARATION	200	600	800	200	200	400	200
TOTAL	3300	6400	4900	3700	4300	2100	14100

115-O-10e



Claim Map
115-O-10
Quartz Claim Map
"Gulf Claims"

093026



APPENDIX I

INPHASE, FRASER FILTER, AND QUADRATURE VALUES

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Curran

ARCHEAN ENGINEERING LTD.

PROJ.	OPER	LINE	SON
PROP	DATE	METH	VLI
STATION	IN PHASE	QUAD	
4.00			
26	-15	-26	-9
27	-11	-18	-8
28	-7	-10	-5
29	-3	-8	+1
30	-5	-12	0
31	-7	-12	-1
32	-5	-7	+1
33	-2	-2	-3
34	0	+1	+1
35	+1	+3	-1
36	+2	+6	-2
37	+4		-1

Conf/cn

ARCHEAN ENGINEERING LTD.

[illegible]

134M
☒ 2

APPENDIX II

HMC SAMPLES CERTIFICATES OF ANALYSES



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: HASTINGS MANAGEMENT CORP.

1000 - 675 W. HASTINGS
VANCOUVER, BC
V6B 1N6

Project: GULF
Comments: CC: SCOTT TOMLINSON

Page Number: 1-A
Total Pages: 2
Certificate Date: 12-AUG-91
Invoice No.: 19119102
P.O. Number:

CERTIFICATE OF ANALYSIS

A9119102

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
GLF-SS1	201 298	< 5	0.2	1.46	< 5	240	< 0.5	< 2	0.46	< 0.5	4	25	25	1.97	10	< 1	0.19	100	0.35	505
GLF1 0+25S	201 298	< 5	< 0.2	1.04	< 5	270	< 0.5	< 2	0.25	< 0.5	5	16	21	1.77	< 10	< 1	0.15	20	0.34	185
GLF1 0+50S	201 298	< 5	< 0.2	0.91	< 5	270	< 0.5	< 2	0.52	< 0.5	6	17	23	1.63	< 10	< 1	0.08	20	0.34	225
GLF1 0+75S	201 298	< 5	< 0.2	1.12	20	450	< 0.5	< 2	0.79	< 0.5	5	19	28	1.83	10	1	0.07	20	0.37	175
GLF1 1+00S	201 298	< 5	< 0.2	1.28	10	400	< 0.5	< 2	0.42	< 0.5	5	20	21	1.88	10	< 1	0.09	40	0.38	285
GLF1 0+00W	201 298	95	< 0.2	1.30	15	450	< 0.5	2	0.93	< 0.5	7	22	31	1.98	10	< 1	0.14	30	0.41	305
GLF1 0+25W	201 298	< 5	< 0.2	1.38	10	300	< 0.5	2	0.52	< 0.5	6	23	22	2.06	< 10	< 1	0.12	30	0.42	220
GLF1 0+45W	201 298	< 5	< 0.2	1.30	< 5	340	< 0.5	< 2	0.51	< 0.5	7	22	20	1.99	< 10	< 1	0.10	20	0.37	325
GLF1 0+70W	201 298	< 5	< 0.2	1.16	< 5	360	< 0.5	< 2	0.57	< 0.5	6	20	19	1.58	< 10	< 1	0.08	20	0.40	145
GLF1 0+95W	201 298	< 5	< 0.2	1.45	< 5	430	< 0.5	< 2	0.49	< 0.5	6	25	26	1.96	< 10	< 1	0.07	20	0.49	290
GLF1 1+20W	201 298	< 5	< 0.2	1.30	10	380	< 0.5	< 2	0.43	< 0.5	5	21	22	1.71	< 10	< 1	0.06	10	0.42	130
GLF1 0+25N	201 298	< 5	< 0.2	1.08	< 5	320	< 0.5	< 2	0.55	< 0.5	7	20	25	1.98	< 10	< 1	0.09	20	0.41	185
GLF1 0+50N	201 298	< 5	0.2	1.38	5	390	< 0.5	< 2	0.47	< 0.5	7	22	26	2.25	10	< 1	0.13	50	0.40	575
GLF1 0+75N	201 298	< 5	< 0.2	1.46	5	490	< 0.5	< 2	0.68	< 0.5	6	23	27	2.17	10	< 1	0.09	20	0.39	305
GLF1 1+00N	201 298	15	< 0.2	1.57	15	420	< 0.5	4	0.55	< 0.5	8	34	32	2.40	10	< 1	0.14	50	0.52	405
GLF1 1+25N	201 298	110	< 0.2	0.86	< 5	230	< 0.5	< 2	0.16	< 0.5	2	11	14	1.36	< 10	< 1	0.13	30	0.18	215
GLF1 1+50N	201 298	< 5	< 0.2	1.10	< 5	270	< 0.5	2	0.26	< 0.5	4	18	21	1.91	10	< 1	0.11	40	0.34	225
GLF1 1+75N	201 298	< 5	< 0.2	1.42	< 5	480	< 0.5	< 2	0.27	< 0.5	6	17	24	2.09	10	< 1	0.16	40	0.34	375
GLF1 1+87N	201 298	10	< 0.2	1.28	< 5	320	< 0.5	< 2	0.26	< 0.5	6	26	22	2.18	10	< 1	0.21	90	0.53	455
GLF1 2+00NA	201 298	< 5	< 0.2	1.30	10	370	< 0.5	< 2	0.27	< 0.5	6	21	19	2.26	10	< 1	0.25	70	0.43	450
GLF1 2+00NA	201 298	< 5	< 0.2	1.80	5	450	< 0.5	< 2	0.84	< 0.5	8	26	27	2.35	10	< 1	0.23	40	0.45	395
GLF1 2+12N	201 298	< 5	< 0.2	1.23	5	320	< 0.5	< 2	0.16	< 0.5	4	9	13	1.78	10	< 1	0.27	90	0.32	415
GLF1 2+25N	201 298	< 5	< 0.2	1.19	< 5	360	< 0.5	< 2	0.30	< 0.5	5	22	20	2.04	< 10	< 1	0.11	30	0.36	350
GLF1 2+50N	201 298	< 5	0.2	1.54	5	520	< 0.5	2	0.50	< 0.5	6	25	15	2.27	< 10	< 1	0.20	20	0.34	430
GLF1 2+75N	201 298	< 5	< 0.2	1.71	15	430	< 0.5	2	0.73	< 0.5	6	28	22	2.44	10	< 1	0.14	30	0.45	330
GLF1 3+00N	201 298	< 5	< 0.2	1.83	15	440	< 0.5	< 2	0.37	< 0.5	6	26	12	2.34	10	< 1	0.18	20	0.37	220
GLF1 3+25N	201 298	15	0.2	1.69	15	360	< 0.5	< 2	0.43	< 0.5	7	26	31	2.23	10	< 1	0.16	90	0.44	250
GLF1 3+50N	201 298	< 5	< 0.2	1.72	10	410	< 0.5	< 2	0.48	< 0.5	6	28	18	2.29	10	< 1	0.11	30	0.39	345
GLF1 3+75N	201 298	< 5	< 0.2	1.59	10	320	< 0.5	< 2	0.33	< 0.5	5	27	25	2.26	10	< 1	0.12	80	0.38	250
GLF1 4+00N	201 298	20	< 0.2	1.81	5	570	< 0.5	2	0.35	< 0.5	6	27	17	2.20	10	< 1	0.11	60	0.36	505
GLF2 0+00E	201 298	< 5	< 0.2	1.89	10	400	< 0.5	< 2	0.45	< 0.5	7	36	12	2.59	10	< 1	0.53	10	0.70	490
GLF2 0+50E	201 298	< 5	< 0.2	1.35	20	200	< 0.5	< 2	0.17	< 0.5	4	20	17	2.18	< 10	< 1	0.06	10	0.34	230
GLF2 1+00E	201 298	20	< 0.2	0.63	< 5	500	< 0.5	2	0.52	< 0.5	1	3	7	0.98	< 10	< 1	0.20	< 10	0.09	605
GLF2 1+50E	201 298	< 5	< 0.2	1.42	20	280	< 0.5	< 2	0.31	< 0.5	5	22	12	2.36	< 10	< 1	0.13	10	0.36	235
GLF2 2+00E	201 298	< 5	< 0.2	1.17	10	150	< 0.5	< 2	0.15	< 0.5	3	15	9	1.89	< 10	< 1	0.18	10	0.26	160
GLF2 2+50E	201 298	< 5	< 0.2	1.55	5	230	< 0.5	< 2	0.20	< 0.5	6	24	16	2.27	< 10	< 1	0.11	20	0.36	205
GLF2 3+00E	201 298	< 5	< 0.2	1.65	10	360	< 0.5	< 2	0.31	< 0.5	8	26	16	2.49	< 10	< 1	0.16	10	0.40	510
GLF2 3+50E	201 298	< 5	< 0.2	1.60	10	300	< 0.5	< 2	0.22	< 0.5	7	30	20	2.31	< 10	< 1	0.09	20	0.44	525
GLF2 4+50E	201 298	< 5	< 0.2	1.10	15	270	< 0.5	< 2	0.21	< 0.5	4	16	10	2.01	< 10	< 1	0.12	10	0.29	285
GLF2 5+00E	201 298	< 5	< 0.2	0.93	5	260	< 0.5	< 2	0.14	< 0.5	2	10	8	1.66	< 10	< 1	0.12	20	0.19	145

CERTIFICATION:

B. Campbell



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: HASTINGS MANAGEMENT CORP.

1000 - 675 W. HASTINGS
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Project : GULF
Comments: CC: SCOTT TOMLINSON

Page Number : 1-B
Total Pages : 2
Certificate Date: 12-AUG-91
Invoice No. : I9119102
P.O. Number :

CERTIFICATE OF ANALYSIS

A9119102

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
GLF-SS1	201 298	< 1	0.01	10	500	14	< 5	5	31	0.03	< 10	< 10	30	< 10	40
GLF1 0+25S	201 298	< 1	0.01	8	110	6	< 5	4	16	0.05	< 10	< 10	30	< 10	46
GLF1 0+50S	201 298	< 1	0.01	11	420	6	< 5	3	23	0.05	< 10	< 10	31	< 10	38
GLF1 0+75S	201 298	< 1	0.01	14	500	12	< 5	3	47	0.04	< 10	< 10	35	< 10	42
GLF1 1+00S	201 298	< 1	0.01	10	300	2	< 5	4	26	0.06	< 10	< 10	37	< 10	38
GLF1 0+00W	201 298	< 1	0.01	15	620	12	< 5	4	51	0.06	< 10	< 10	41	< 10	44
GLF1 0+25W	201 298	< 1	0.01	10	420	8	< 5	4	31	0.07	< 10	< 10	42	< 10	46
GLF1 0+45W	201 298	< 1	0.01	11	360	14	< 5	4	30	0.06	< 10	< 10	43	< 10	38
GLF1 0+70W	201 298	< 1	0.01	13	520	10	< 5	3	34	0.07	< 10	< 10	39	< 10	56
GLF1 0+95W	201 298	< 1	0.01	15	520	12	< 5	4	30	0.07	< 10	< 10	45	< 10	68
GLF1 1+20W	201 298	< 1	0.01	15	560	12	< 5	3	27	0.06	< 10	< 10	39	< 10	52
GLF1 0+25N	201 298	< 1	0.01	12	600	8	< 5	3	31	0.06	< 10	< 10	41	< 10	46
GLF1 0+50N	201 298	< 1	0.01	14	400	10	< 5	5	27	0.05	< 10	< 10	40	< 10	52
GLF1 0+75N	201 298	< 1	0.01	15	210	12	< 5	4	28	0.05	< 10	< 10	45	< 10	44
GLF1 1+00N	201 298	< 1	0.01	18	210	24	< 5	6	32	0.05	< 10	< 10	45	< 10	56
GLF1 1+25N	201 298	< 1	< 0.01	6	50	16	< 5	3	11	0.02	< 10	< 10	21	< 10	26
GLF1 1+50N	201 298	< 1	0.01	11	350	12	< 5	4	18	0.05	< 10	< 10	33	< 10	50
GLF1 1+75N	201 298	< 1	0.01	12	220	8	< 5	5	21	0.04	< 10	< 10	37	< 10	54
GLF1 1+87N	201 298	< 1	< 0.01	13	160	18	< 5	7	16	0.02	< 10	< 10	24	< 10	54
GLF1 2+00NA	201 298	< 1	0.01	11	230	18	< 5	6	18	0.04	< 10	< 10	32	< 10	52
GLF1 2+00NA	201 298	< 1	0.01	13	250	16	< 5	6	35	0.07	< 10	< 10	45	< 10	54
GLF1 2+12N	201 298	< 1	< 0.01	3	100	10	< 5	6	11	0.01	< 10	< 10	20	< 10	36
GLF1 2+25N	201 298	< 1	0.01	11	230	12	< 5	4	21	0.07	< 10	< 10	41	< 10	44
GLF1 2+50N	201 298	< 1	0.01	13	190	12	< 5	4	37	0.07	< 10	< 10	48	< 10	40
GLF1 2+75N	201 298	< 1	0.01	16	220	14	< 5	5	43	0.08	< 10	< 10	55	< 10	50
GLF1 3+00N	201 298	< 1	0.01	10	140	14	< 5	5	29	0.09	< 10	< 10	53	< 10	44
GLF1 3+25N	201 298	< 1	0.01	18	130	6	< 5	7	31	0.07	< 10	< 10	46	< 10	54
GLF1 3+50N	201 298	< 1	0.01	13	130	10	< 5	5	28	0.09	< 10	< 10	53	< 10	46
GLF1 3+75N	201 298	< 1	0.01	15	150	14	< 5	6	23	0.08	< 10	< 10	50	< 10	44
GLF1 4+00N	201 298	2	0.01	10	140	14	< 5	6	26	0.07	< 10	< 10	45	< 10	38
GLF2 0+00E	201 298	< 1	0.01	11	330	14	< 5	4	30	0.08	< 10	< 10	43	< 10	86
GLF2 0+50E	201 298	< 1	0.01	9	130	12	< 5	3	12	0.08	< 10	< 10	53	< 10	38
GLF2 1+00E	201 298	< 1	< 0.01	< 1	480	8	< 5	1	31	0.01	< 10	< 10	13	< 10	34
GLF2 1+50E	201 298	< 1	0.01	9	280	16	< 5	3	23	0.10	< 10	< 10	57	< 10	42
GLF2 2+00E	201 298	< 1	0.01	5	390	12	< 5	2	13	0.04	< 10	< 10	37	< 10	36
GLF2 2+50E	201 298	< 1	0.01	11	300	4	< 5	3	18	0.09	< 10	< 10	55	< 10	44
GLF2 3+00E	201 298	< 1	0.01	13	620	14	< 5	3	24	0.10	< 10	< 10	63	< 10	52
GLF2 3+50E	201 298	< 1	0.01	16	160	12	< 5	3	19	0.09	< 10	< 10	52	< 10	40
GLF2 4+50E	201 298	< 1	< 0.01	7	120	12	< 5	2	16	0.05	< 10	< 10	43	< 10	32
GLF2 5+00E	201 298	< 1	< 0.01	3	170	8	< 5	1	11	0.03	< 10	< 10	31	< 10	24

CERTIFICATION:

B. Coughlin

APPENDIX III
SOIL SAMPLES CERTIFICATES OF ANALYSES



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
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PHONE: 604-984-0221

To: HASTINGS MANAGEMENT CORP.

1000 - 675 W. HASTINGS
VANCOUVER, BC
V6B 1N6

Project: TONY CLAIMS
Comments: CC: SCOTT TOMLINSON

Page Number : 1-A
Total Pages : 2
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Invoice No. : 19118019
P.O. Number :

CERTIFICATE OF ANALYSIS

A9118019

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
T25 10+00S	201 298	< 5	< 0.2	2.02	5	210	< 0.5	2	0.52	< 0.5	7	33	26	2.97	10	< 1	0.06	30	0.64	270
T25 10+25S	201 298	< 5	< 0.2	1.76	10	180	< 0.5	< 2	0.22	< 0.5	9	35	19	2.74	10	< 1	0.06	20	0.46	305
T25 10+50S	201 298	< 5	< 0.2	2.25	15	220	< 0.5	6	0.36	< 0.5	14	34	32	3.53	10	< 1	0.07	40	0.66	470
T25 11+00S	201 298	< 5	< 0.2	2.14	5	320	< 0.5	4	0.44	< 0.5	11	35	22	2.76	10	< 1	0.05	20	0.56	265
T25 11+50S	201 298	< 5	< 0.2	1.87	< 5	260	< 0.5	4	0.28	< 0.5	8	32	26	3.06	10	< 1	0.04	20	0.56	245
T25 12+00S	201 298	< 5	< 0.2	2.05	5	270	< 0.5	4	0.40	< 0.5	9	35	28	2.76	10	< 1	0.05	30	0.52	265
T25 12+50S	201 298	< 5	< 0.2	1.60	10	250	< 0.5	< 2	0.97	< 0.5	11	28	20	2.47	10	< 1	0.03	20	0.50	780
T25 13+00S	201 298	< 5	< 0.2	1.43	5	260	< 0.5	6	1.10	< 0.5	8	25	27	2.34	< 10	< 1	0.03	20	0.44	395
T25 18+50S	201 298	< 5	< 0.2	1.46	< 5	230	< 0.5	2	0.32	< 0.5	8	30	18	2.23	< 10	< 1	0.03	20	0.46	195
T25 19+00S	201 298	< 5	< 0.2	1.44	5	230	< 0.5	< 2	0.30	< 0.5	8	26	19	2.25	< 10	< 1	0.03	20	0.45	165
T25 19+50S	201 298	< 5	< 0.2	1.42	< 5	240	< 0.5	< 2	0.39	< 0.5	8	26	22	2.41	< 10	< 1	0.03	20	0.43	385
T25 20+00S	201 298	< 5	< 0.2	1.69	5	300	< 0.5	< 2	0.41	< 0.5	12	31	25	2.77	< 10	< 1	0.04	20	0.48	450
T25 20+50S	201 298	< 5	< 0.2	1.65	< 5	380	< 0.5	8	0.63	< 0.5	12	32	34	2.55	10	< 1	0.03	20	0.48	640
T25 21+00S	201 298	< 5	< 0.2	1.73	< 5	340	< 0.5	2	0.48	< 0.5	11	34	33	2.83	10	< 1	0.05	20	0.51	475
T25 21+50S	201 298	< 5	< 0.2	1.37	5	180	< 0.5	6	0.35	< 0.5	8	25	14	2.01	< 10	< 1	0.04	20	0.45	195
T25 22+00S	201 298	< 5	< 0.2	1.70	5	290	< 0.5	4	0.46	< 0.5	11	32	29	2.88	< 10	1	0.04	20	0.51	320
T25 22+50S	201 298	< 5	< 0.2	1.88	5	350	< 0.5	4	0.51	< 0.5	9	35	35	2.88	< 10	< 1	0.05	20	0.57	290
T25 23+00S	201 298	< 5	< 0.2	1.74	5	340	< 0.5	< 2	0.64	< 0.5	10	36	34	2.71	< 10	< 1	0.06	20	0.60	315
T25 23+50S	201 298	< 5	< 0.2	1.92	5	340	< 0.5	< 2	0.61	< 0.5	9	36	31	2.73	10	< 1	0.06	20	0.55	385
T25 24+00S	201 298	< 5	< 0.2	1.59	5	270	< 0.5	< 2	0.47	< 0.5	8	35	27	2.59	< 10	< 1	0.05	20	0.49	380
T25 24+50S	201 298	< 5	< 0.2	1.98	5	370	< 0.5	4	0.47	< 0.5	8	35	28	2.81	< 10	< 1	0.06	20	0.51	375
T25 25+00S	201 298	< 5	< 0.2	1.25	60	150	< 0.5	< 2	0.20	< 0.5	3	23	66	3.69	< 10	< 1	0.09	30	0.48	160
T25+00W 25+00S	201 298	< 5	< 0.2	1.46	25	290	< 0.5	< 2	0.38	< 0.5	15	62	31	2.96	< 10	< 1	0.04	20	0.62	490
T35W 15+00S	201 298	< 5	< 0.2	1.69	15	210	< 0.5	2	0.21	< 0.5	9	35	25	2.73	< 10	< 1	0.05	20	0.53	375
T35W 15+50S	201 298	< 5	< 0.2	2.48	25	170	< 0.5	< 2	0.13	< 0.5	19	32	50	4.40	10	< 1	0.06	60	0.77	570
T35W 16+00S	201 298	< 5	< 0.2	2.21	15	150	< 0.5	2	0.12	< 0.5	14	30	43	3.69	< 10	< 1	0.07	50	0.66	470
T35W 16+50S	201 298	< 5	< 0.2	2.19	< 5	140	< 0.5	< 2	0.15	< 0.5	12	33	33	3.38	< 10	< 1	0.06	40	0.63	315
T35W 17+00S	201 298	< 5	< 0.2	1.58	15	120	< 0.5	6	0.14	< 0.5	12	24	28	2.62	< 10	< 1	0.07	50	0.42	330
T35W 17+50S	201 298	< 5	< 0.2	1.63	10	120	< 0.5	< 2	0.18	< 0.5	10	24	22	2.61	< 10	< 1	0.05	40	0.45	275
T35W 18+00S	201 298	< 5	< 0.2	1.69	15	100	< 0.5	2	0.12	< 0.5	11	23	24	2.76	< 10	< 1	0.04	40	0.45	245
T35W 18+50S	201 298	< 5	< 0.2	1.74	15	120	< 0.5	2	0.21	< 0.5	12	26	30	2.78	< 10	< 1	0.07	40	0.46	460
T35W 19+00S	201 298	< 5	< 0.2	1.90	10	160	< 0.5	6	0.23	< 0.5	11	27	24	2.73	< 10	< 1	0.07	40	0.48	305
T35W 19+50S	201 298	< 5	< 0.2	2.00	< 5	90	< 0.5	6	0.19	< 0.5	12	27	36	3.46	10	< 1	0.06	50	0.63	405
T35W 20+00S	201 298	< 5	< 0.2	2.68	15	100	< 0.5	6	0.32	< 0.5	21	40	61	4.81	10	< 1	0.06	50	0.83	555
T35W 20+50S	201 298	< 5	< 0.2	1.90	10	300	< 0.5	< 2	0.52	< 0.5	10	35	29	2.96	< 10	< 1	0.05	20	0.55	405
T35W 21+00S	201 298	< 5	< 0.2	2.13	10	140	< 0.5	2	0.17	< 0.5	17	34	44	3.63	< 10	< 1	0.05	30	0.68	390
T35W 21+50S	201 298	< 5	< 0.2	2.87	15	140	< 0.5	< 2	0.15	< 0.5	19	43	62	5.70	10	< 1	0.06	50	0.96	665
T35W 22+50S	201 298	< 5	< 0.2	2.34	15	150	< 0.5	2	0.19	< 0.5	17	33	43	4.07	10	< 1	0.06	40	0.73	545
T35W 23+00S	201 298	< 5	< 0.2	2.15	5	80	< 0.5	< 2	0.17	< 0.5	12	36	48	4.02	10	< 1	0.04	50	0.74	485
T35W 23+50S	201 298	< 5	< 0.2	2.29	10	220	< 0.5	< 2	0.27	< 0.5	14	37	41	3.70	10	< 1	0.05	30	0.73	505

CERTIFICATION:

B. Coughlin



Chemex Labs Ltd.

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To: HASTINGS MANAGEMENT CORP.

1000 - 675 W. HASTINGS
VANCOUVER, BC
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Project: TONY CLAIMS
Comments: CC: SCOTT TOMLINSON

Page Number : 1-B
Total Pages : 2
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SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
T25 10+00S	201 298	< 1	0.01	23	320	26	< 5	3	24	0.05	< 10	< 10	49	20	94
T25 10+25S	201 298	< 1	< 0.01	20	320	8	< 5	3	19	0.06	< 10	< 10	52	20	64
T25 10+50S	201 298	< 1	0.01	30	580	< 2	< 5	3	26	0.04	< 10	< 10	46	30	72
T25 11+00S	201 298	< 1	0.01	22	400	18	< 5	4	35	0.07	< 10	< 10	54	30	60
T25 11+50S	201 298	< 1	0.01	28	260	12	< 5	3	23	0.06	< 10	< 10	48	20	60
T25 12+00S	201 298	< 1	0.01	25	340	4	< 5	4	31	0.06	< 10	< 10	48	20	54
T25 12+50S	201 298	< 1	0.01	24	650	6	< 5	3	65	0.03	< 10	< 10	37	10	52
T25 13+00S	201 298	< 1	< 0.01	26	580	10	< 5	2	75	0.03	< 10	< 10	32	10	56
T25 18+50S	201 298	< 1	< 0.01	22	490	16	< 5	3	25	0.05	< 10	< 10	40	10	46
T25 19+00S	201 298	1	< 0.01	16	360	2	< 5	3	23	0.05	< 10	< 10	40	10	46
T25 19+50S	201 298	< 1	< 0.01	24	520	4	< 5	3	30	0.04	< 10	< 10	40	10	46
T25 20+00S	201 298	< 1	< 0.01	23	500	20	< 5	4	32	0.05	< 10	< 10	50	20	52
T25 20+50S	201 298	< 1	0.01	26	640	4	5	3	45	0.04	< 10	< 10	43	20	56
T25 21+00S	201 298	< 1	0.01	23	550	10	< 5	4	36	0.06	10	< 10	47	20	58
T25 21+50S	201 298	< 1	< 0.01	17	500	2	< 5	2	25	0.06	< 10	< 10	37	10	44
T25 22+00S	201 298	< 1	0.01	25	640	< 2	< 5	3	34	0.05	< 10	< 10	46	10	56
T25 22+50S	201 298	< 1	0.01	26	530	8	< 5	4	34	0.08	< 10	< 10	54	10	62
T25 23+00S	201 298	< 1	0.02	26	700	12	< 5	4	43	0.10	< 10	< 10	63	20	72
T25 23+50S	201 298	< 1	0.01	29	560	6	< 5	4	45	0.07	< 10	< 10	52	20	60
T25 24+00S	201 298	< 1	0.01	23	660	12	< 5	4	33	0.07	< 10	< 10	51	10	58
T25 24+50S	201 298	< 1	0.01	26	390	18	< 5	4	36	0.08	< 10	< 10	58	20	60
T25 25+00S	201 298	12	0.03	19	820	36	< 5	2	78	< 0.01	< 10	< 10	39	10	134
T25+00W 25+00S	201 298	< 1	0.01	64	610	14	< 5	3	29	0.05	< 10	< 10	49	20	68
T35W 15+00S	201 298	< 1	< 0.01	29	390	6	< 5	3	21	0.04	< 10	< 10	43	10	54
T35W 15+50S	201 298	< 1	< 0.01	37	640	18	< 5	3	14	< 0.01	< 10	< 10	31	20	78
T35W 16+00S	201 298	< 1	< 0.01	33	610	20	< 5	2	13	0.01	< 10	< 10	33	20	68
T35W 16+50S	201 298	< 1	< 0.01	32	330	10	< 5	3	16	0.03	< 10	< 10	37	10	60
T35W 17+00S	201 298	< 1	< 0.01	21	400	18	< 5	2	16	0.02	< 10	< 10	28	10	46
T35W 17+50S	201 298	< 1	< 0.01	19	280	4	< 5	2	18	0.04	< 10	< 10	36	10	46
T35W 18+00S	201 298	< 1	< 0.01	26	360	4	< 5	2	13	0.02	< 10	< 10	30	10	50
T35W 18+50S	201 298	< 1	< 0.01	25	460	12	< 5	3	20	0.03	< 10	< 10	32	10	50
T35W 19+00S	201 298	< 1	< 0.01	26	400	6	< 5	2	18	0.02	< 10	< 10	35	20	54
T35W 19+50S	201 298	< 1	< 0.01	36	290	12	< 5	3	18	0.02	< 10	< 10	33	20	70
T35W 20+00S	201 298	< 1	0.01	48	510	32	5	4	29	0.01	< 10	< 10	38	20	84
T35W 20+50S	201 298	< 1	0.01	24	440	8	< 5	4	31	0.04	< 10	< 10	49	20	58
T35W 21+00S	201 298	< 1	< 0.01	33	330	18	< 5	4	18	0.03	< 10	< 10	43	< 10	74
T35W 21+50S	201 298	1	< 0.01	47	700	30	< 5	4	24	< 0.01	< 10	< 10	40	< 10	100
T35W 22+50S	201 298	< 1	< 0.01	37	560	8	< 5	4	19	0.01	< 10	< 10	37	< 10	82
T35W 23+00S	201 298	< 1	< 0.01	40	420	8	< 5	3	22	0.02	< 10	< 10	37	< 10	78
T35W 23+50S	201 298	< 1	0.01	36	360	22	< 5	4	23	0.04	< 10	< 10	50	< 10	76

CERTIFICATION:

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To: HASTINGS MANAGEMENT CORP.

1000 - 675 W. HASTINGS

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Project: TONY CLAIMS

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CERTIFICATE OF ANALYSIS

A9118019

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
T35W 24+00S	201 298	< 5	< 0.2	2.14	15	200	< 0.5	< 2	0.21	< 0.5	13	38	35	3.40	< 10	< 1	0.08	30	0.66	355
T35W 24+50S	201 298	< 5	< 0.2	2.22	20	140	< 0.5	2	0.08	< 0.5	14	33	74	4.73	10	< 1	0.05	40	0.59	280
T35W 25+00S	201 298	< 5	< 0.2	2.25	10	70	< 0.5	2	0.08	< 0.5	16	38	80	4.47	< 10	< 1	0.02	60	0.82	410

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SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
T35W 24+00S	201 298	< 1	< 0.01	36	530	10	< 5	3	17	0.04	< 10	< 10	47	< 10	70
T35W 24+50S	201 298	7	< 0.01	35	700	64	< 5	4	13	< 0.01	< 10	< 10	35	< 10	66
T35W 25+00S	201 298	< 1	< 0.01	41	450	22	< 5	3	11	< 0.01	< 10	< 10	27	< 10	74

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CERTIFICATE OF ANALYSIS

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SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
SODA SS1	201 298	< 5	< 0.2	0.86	< 5	150	< 0.5	2	0.38	< 0.5	6	19	16	1.52	< 10	< 1	0.07	20	0.45	270
TG1 0+00N	201 298	< 5	< 0.2	2.17	5	110	< 0.5	8	0.36	< 0.5	17	168	28	3.23	< 10	< 1	0.05	10	1.77	465
TG1 0+50N	201 298	< 5	< 0.2	1.36	< 5	130	< 0.5	< 2	0.20	< 0.5	4	44	18	1.89	< 10	< 1	0.07	10	0.58	145
TG1 1+00N	201 298	< 5	< 0.2	1.53	10	260	< 0.5	< 2	0.43	< 0.5	8	36	19	2.20	< 10	< 1	0.07	20	0.57	300
TG1 1+50N	201 298	< 5	< 0.2	1.35	< 5	210	< 0.5	4	0.45	< 0.5	11	32	20	2.15	< 10	< 1	0.06	10	0.61	420
TG1 2+00N	201 298	< 5	< 0.2	1.75	5	360	< 0.5	8	0.45	< 0.5	8	35	24	2.46	< 10	< 1	0.06	10	0.66	445
TG1 2+50N	201 298	< 5	< 0.2	1.61	10	250	< 0.5	2	0.35	< 0.5	16	40	29	2.46	< 10	< 1	0.06	20	0.87	1100
TG1 3+00N	201 298	< 5	0.2	2.41	< 5	470	< 0.5	2	0.54	< 0.5	14	55	125	3.76	10	< 1	0.17	30	1.39	495
TG1 3+50N	201 298	< 5	0.2	1.67	< 5	350	< 0.5	2	0.32	< 0.5	9	35	23	2.35	< 10	< 1	0.08	20	0.72	535
TG1 4+00N	201 298	< 5	0.2	1.91	< 5	240	< 0.5	< 2	0.48	< 0.5	13	51	36	2.92	10	< 1	0.10	20	1.06	415
TG1 4+50N	201 298	< 5	< 0.2	1.24	5	120	< 0.5	< 2	0.17	< 0.5	3	27	15	1.87	< 10	< 1	0.08	10	0.48	170
TG1 5+00N	201 298	< 5	< 0.2	1.38	< 5	150	< 0.5	2	0.17	< 0.5	8	29	15	2.11	< 10	< 1	0.06	10	0.44	235
TG2 0+00N	201 298	< 5	< 0.2	1.52	5	180	< 0.5	2	0.10	< 0.5	3	25	14	2.11	< 10	< 1	0.06	20	0.30	120
TG2 0+50N	201 298	< 5	< 0.2	1.42	< 5	260	< 0.5	< 2	0.12	< 0.5	4	18	15	1.82	< 10	< 1	0.09	20	0.28	110
TG2 1+00N	201 298	< 5	< 0.2	1.43	5	230	< 0.5	8	0.12	< 0.5	5	22	15	2.13	< 10	< 1	0.06	20	0.35	135
TG2 1+50N	201 298	< 5	< 0.2	1.56	20	420	< 0.5	< 2	0.14	< 0.5	5	22	19	2.15	10	< 1	0.07	30	0.36	110
TG2 2+00N	201 298	< 5	< 0.2	1.59	< 5	290	< 0.5	12	0.17	< 0.5	5	24	17	2.11	< 10	< 1	0.06	20	0.38	110
TG2 2+50N	201 298	< 5	< 0.2	1.61	10	210	< 0.5	6	0.17	< 0.5	4	23	20	2.48	< 10	< 1	0.07	20	0.40	155
TG2 3+00N	201 298	< 5	< 0.2	1.20	< 5	160	< 0.5	4	0.21	< 0.5	5	21	15	2.03	< 10	< 1	0.06	20	0.36	170
TG2 3+50N	201 298	< 5	0.2	1.49	< 5	320	< 0.5	< 2	0.27	< 0.5	5	27	13	2.04	< 10	< 1	0.06	20	0.44	125
TG2 4+00N	201 298	< 5	< 0.2	1.50	< 5	120	< 0.5	< 2	0.43	< 0.5	5	41	14	2.37	10	< 1	0.06	10	0.84	255
TG2 4+50N	201 298	< 5	< 0.2	1.52	< 5	150	< 0.5	< 2	0.61	< 0.5	11	41	19	2.20	10	< 1	0.09	20	0.86	525
TG2 5+00N	201 298	< 5	< 0.2	2.32	< 5	200	< 0.5	8	0.69	< 0.5	16	73	38	3.79	10	< 1	0.11	20	1.58	1050
TG2 5+50N	201 298	< 5	< 0.2	1.96	< 5	220	< 0.5	4	0.49	< 0.5	13	67	24	3.29	10	< 1	0.19	10	1.40	345
TG2 6+00N	201 298	< 5	< 0.2	1.68	5	220	< 0.5	6	0.29	< 0.5	10	52	30	2.75	10	< 1	0.07	10	0.89	280
TG2 6+50N	201 298	< 5	< 0.2	1.77	< 5	140	< 0.5	6	0.27	< 0.5	10	44	19	3.09	< 10	< 1	0.10	10	0.78	315
TG2 7+00N	201 298	< 5	< 0.2	1.45	20	160	< 0.5	2	0.26	< 0.5	7	23	14	2.55	< 10	< 1	0.12	10	0.55	275
TG2 7+50N	201 298	< 5	0.2	1.51	< 5	230	< 0.5	2	0.36	< 0.5	8	23	11	2.87	10	< 1	0.19	20	0.55	580
TG2 8+00N	201 298	< 5	< 0.2	2.37	10	170	< 0.5	6	0.18	< 0.5	10	43	14	2.91	< 10	< 1	0.07	10	0.61	325
TG2 8+50N	201 298	< 5	< 0.2	1.75	< 5	170	< 0.5	4	0.21	< 0.5	2	23	7	2.07	10	< 1	0.10	30	0.36	150
TG2 9+00N	201 298	< 5	< 0.2	2.20	20	230	< 0.5	< 2	0.14	< 0.5	9	38	20	3.54	< 10	< 1	0.09	10	0.52	235
TG3 0+00N	201 298	< 5	< 0.2	1.44	< 5	370	< 0.5	2	0.25	< 0.5	9	26	16	2.20	< 10	< 1	0.13	30	0.48	335
TG3 0+50N	201 298	< 5	0.2	1.30	< 5	410	< 0.5	6	0.27	< 0.5	8	26	21	2.25	< 10	< 1	0.12	50	0.42	440
TG3 1+00N	201 298	< 5	< 0.2	1.19	< 5	340	< 0.5	6	0.39	< 0.5	6	20	20	1.92	< 10	< 1	0.10	40	0.48	280
TG3 1+50N	201 298	< 5	0.4	1.30	< 5	900	< 0.5	4	0.41	< 0.5	5	21	35	2.12	10	< 1	0.10	140	0.35	310
TG3 2+50N	201 298	< 5	< 0.2	0.94	< 5	230	< 0.5	6	0.28	< 0.5	9	20	12	1.63	< 10	< 1	0.06	20	0.35	435
TG3 3+00N	201 298	< 5	< 0.2	1.10	< 5	230	< 0.5	< 2	0.35	< 0.5	6	26	14	2.16	< 10	< 1	0.05	10	0.47	330
TG3 3+50N	201 298	< 5	< 0.2	0.99	< 5	220	< 0.5	6	0.30	< 0.5	7	23	26	1.91	< 10	< 1	0.05	10	0.39	335
TG4 0+00N	201 298	< 5	< 0.2	0.53	5	480	1.5	< 2	0.14	< 0.5	61	11	54	3.42	< 10	< 1	0.08	80	0.20	5270
TG4 0+50N	201 298	< 5	< 0.2	1.13	< 5	250	< 0.5	< 2	0.29	< 0.5	5	25	35	1.92	< 10	< 1	0.20	30	0.61	255

CERTIFICATION:

[Signature]



Chemex Labs Ltd.

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PHONE: 604-984-0221

To: HASTINGS MANAGEMENT CORP.

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VANCOUVER, BC
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Project : TONY CLAIMS
Comments: CC: SCOTT TOMLINSON

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Certificate Date: 23-JUL-91
Invoice No. : 19118021
P.O. Number :

CERTIFICATE OF ANALYSIS

A9118021

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
SODA SS1	201 298	< 1	< 0.01	10	550	22	< 5	2	26	0.07	< 10	< 10	29	< 10	60
TG1 0+00N	201 298	< 1	< 0.01	88	480	24	< 5	4	20	0.13	< 10	< 10	84	< 10	74
TG1 0+50N	201 298	< 1	< 0.01	17	300	28	< 5	3	15	0.09	< 10	< 10	42	< 10	44
TG1 1+00N	201 298	< 1	< 0.01	19	470	26	< 5	3	25	0.08	< 10	< 10	48	< 10	78
TG1 1+50N	201 298	< 1	0.01	16	640	46	< 5	3	27	0.08	< 10	< 10	45	< 10	106
TG1 2+00N	201 298	< 1	0.01	17	640	30	< 5	4	31	0.08	< 10	< 10	50	< 10	96
TG1 2+50N	201 298	< 1	< 0.01	17	700	68	< 5	4	23	0.07	< 10	< 10	48	< 10	120
TG1 3+00N	201 298	< 1	< 0.01	25	660	80	< 5	5	38	0.12	< 10	< 10	79	< 10	172
TG1 3+50N	201 298	< 1	< 0.01	19	720	30	< 5	3	24	0.07	< 10	< 10	46	< 10	86
TG1 4+00N	201 298	< 1	< 0.01	23	770	66	< 5	5	27	0.11	< 10	< 10	57	< 10	220
TG1 4+50N	201 298	< 1	< 0.01	11	270	2	< 5	2	13	0.06	< 10	< 10	35	< 10	62
TG1 5+00N	201 298	< 1	< 0.01	13	240	2	< 5	2	13	0.08	< 10	< 10	45	< 10	52
TG2 0+00N	201 298	< 1	< 0.01	10	150	28	< 5	2	11	0.06	< 10	< 10	41	< 10	42
TG2 0+50N	201 298	< 1	< 0.01	8	270	16	< 5	2	13	0.05	< 10	< 10	36	< 10	36
TG2 1+00N	201 298	< 1	< 0.01	9	330	14	< 5	2	12	0.06	< 10	< 10	41	< 10	44
TG2 1+50N	201 298	< 1	< 0.01	11	420	< 2	< 5	2	16	0.05	< 10	< 10	35	< 10	42
TG2 2+00N	201 298	< 1	< 0.01	11	560	10	< 5	2	16	0.05	< 10	< 10	36	< 10	50
TG2 2+50N	201 298	< 1	< 0.01	8	560	24	< 5	2	17	0.08	< 10	< 10	41	< 10	56
TG2 3+00N	201 298	< 1	< 0.01	11	460	18	< 5	2	15	0.08	< 10	< 10	37	< 10	56
TG2 3+50N	201 298	< 1	< 0.01	8	590	22	< 5	3	19	0.07	< 10	< 10	39	< 10	56
TG2 4+00N	201 298	< 1	< 0.01	12	560	26	< 5	4	21	0.15	< 10	< 10	54	< 10	78
TG2 4+50N	201 298	< 1	< 0.01	20	780	70	< 5	3	24	0.13	< 10	< 10	43	< 10	130
TG2 5+00N	201 298	< 1	< 0.01	32	1060	52	< 5	5	32	0.17	< 10	< 10	65	< 10	284
TG2 5+50N	201 298	< 1	< 0.01	18	610	12	< 5	4	22	0.24	< 10	< 10	64	< 10	102
TG2 6+00N	201 298	< 1	< 0.01	21	420	18	< 5	3	16	0.17	< 10	< 10	60	< 10	88
TG2 6+50N	201 298	< 1	< 0.01	15	310	70	< 5	3	14	0.17	< 10	< 10	62	< 10	126
TG2 7+00N	201 298	< 1	< 0.01	10	400	56	< 5	2	16	0.13	< 10	< 10	53	< 10	126
TG2 7+50N	201 298	< 1	< 0.01	7	550	22	< 5	3	17	0.17	< 10	< 10	53	< 10	100
TG2 8+00N	201 298	< 1	< 0.01	16	260	22	< 5	3	15	0.11	< 10	< 10	65	< 10	76
TG2 8+50N	201 298	< 1	< 0.01	6	400	46	< 5	2	16	0.07	< 10	< 10	51	< 10	90
TG2 9+00N	201 298	< 1	< 0.01	13	390	20	< 5	4	16	0.12	< 10	< 10	68	< 10	68
TG3 0+00N	201 298	< 1	< 0.01	9	330	38	< 5	3	20	0.07	< 10	< 10	41	< 10	66
TG3 0+50N	201 298	< 1	< 0.01	12	500	34	< 5	3	26	0.06	< 10	< 10	36	< 10	74
TG3 1+00N	201 298	< 1	< 0.01	8	410	42	< 5	2	34	0.06	< 10	< 10	31	< 10	70
TG3 1+50N	201 298	< 1	< 0.01	11	530	60	< 5	3	41	0.03	< 10	10	28	< 10	66
TG3 2+50N	201 298	< 1	< 0.01	10	560	24	< 5	2	19	0.04	< 10	< 10	31	< 10	52
TG3 3+00N	201 298	< 1	< 0.01	13	540	26	< 5	2	21	0.05	< 10	< 10	45	< 10	62
TG3 3+50N	201 298	< 1	< 0.01	9	600	20	< 5	2	19	0.05	< 10	< 10	42	< 10	58
TG4 0+00N	201 298	< 1	< 0.01	15	300	78	< 5	4	18	0.02	< 10	10	12	< 10	142
TG4 0+50N	201 298	< 1	< 0.01	10	460	24	< 5	2	23	0.07	< 10	< 10	24	< 10	100

CERTIFICATION:

B. Cough

Chemex Labs Ltd.

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212 Brooksbank Ave., North Vancouver
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To: HASTINGS MANAGEMENT CORP.

1000 - 675 W. HASTINGS
VANCOUVER, BC
V6B 1N6

Project : TONY CLAIMS
Comments: CC: SCOTT TOMLINSON

Page Number :2-A
Total Pages :2
Certificate Date: 23-JUL-91
Invoice No. :19118021
P.O. Number :

CERTIFICATE OF ANALYSIS

A9118021

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CERTIFICATION:



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CERTIFICATE OF ANALYSIS

A9118021

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
TG4 1+00N	201 298	1	< 0.01	4	170	14	< 5	1	10	0.01	< 10	< 10	14	< 10	54
TG4 1+50N	201 298	1	< 0.01	6	250	42	< 5	2	31	0.03	< 10	10	22	< 10	86
TG4 2+00N	201 298	2	< 0.01	5	230	44	< 5	2	18	0.03	< 10	< 10	17	< 10	86
TG4 2+50N	201 298	2	< 0.01	14	170	16	< 5	4	14	0.06	< 10	< 10	22	< 10	110
TG4 3+00N	201 298	2	< 0.01	5	180	38	< 5	1	10	0.03	< 10	< 10	8	< 10	108
TG4 3+50N	201 298	4	< 0.01	7	310	36	< 5	2	9	0.04	< 10	< 10	20	< 10	64
TG4 3+90N	201 298	< 1	< 0.01	10	470	18	< 5	3	18	0.07	< 10	< 10	36	< 10	68
TG4 4+40N	201 298	< 1	< 0.01	17	720	20	< 5	5	24	0.08	< 10	< 10	50	< 10	118
TG4 5+00N	201 298	22	< 0.01	39	250	96	< 5	4	12	0.01	< 10	10	14	< 10	318
TG4 5+50N	201 298	3	< 0.01	10	220	26	< 5	2	5	0.01	< 10	< 10	9	< 10	66

CERTIFICATION:

B. Coughlin



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To: HASTINGS MANAGEMENT CORP.

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Project: JODY EAST
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Certificate Date: 19-SEP-91
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CERTIFICATE OF ANALYSIS

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SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
JDY 00+00N	201 298	< 5	< 0.2	1.45	15	350	< 0.5	< 2	0.25	< 0.5	9	26	21	2.49	< 10	< 1	0.06	10	0.46	255
JDY 00+50N	201 298	< 5	< 0.2	0.59	10	200	< 0.5	< 2	0.15	< 0.5	4	11	10	1.13	< 10	1	0.07	30	0.19	180
JDY 01+00N	201 298	< 5	< 0.2	0.47	10	140	< 0.5	< 2	0.11	< 0.5	3	11	8	0.85	< 10	1	0.09	30	0.23	185
JDY 01+50N	201 298	< 5	< 0.2	0.20	< 5	60	< 0.5	< 2	0.06	< 0.5	< 1	3	2	0.44	< 10	1	0.08	30	0.05	80
JDY 02+00N	201 298	< 5	< 0.2	0.35	< 5	80	< 0.5	< 2	0.13	< 0.5	2	13	8	0.65	< 10	2	0.05	10	0.25	130
JDY 02+50N	201 298	< 5	0.2	0.27	5	320	< 0.5	< 2	0.04	< 0.5	4	1	15	0.82	< 10	< 1	0.14	20	0.04	505
JDY 03+00N	201 298	< 5	0.4	0.25	< 5	420	< 0.5	< 2	0.03	< 0.5	1	2	9	0.51	< 10	1	0.14	50	0.02	150
JDY 03+50N	201 298	< 5	< 0.2	0.28	< 5	270	< 0.5	< 2	0.07	< 0.5	3	7	6	0.68	< 10	< 1	0.08	20	0.11	165
JDY 04+00N	201 298	< 5	< 0.2	0.22	5	230	< 0.5	< 2	0.03	< 0.5	2	4	4	0.56	< 10	< 1	0.08	20	0.06	140
JDY 04+50N	201 298	< 5	0.2	0.29	< 5	510	< 0.5	< 2	0.05	< 0.5	1	4	10	0.78	< 10	1	0.11	60	0.05	230
JDY 05+00N	201 298	< 5	0.2	0.81	5	490	< 0.5	< 2	0.05	< 0.5	3	11	23	2.33	< 10	< 1	0.20	30	0.15	95
JDY 05+50N	201 298	< 5	< 0.2	0.66	5	610	< 0.5	< 2	0.08	< 0.5	3	10	7	1.10	< 10	< 1	0.13	10	0.18	155
JDY 06+00N	201 298	< 5	0.4	0.29	< 5	710	< 0.5	< 2	0.04	< 0.5	1	3	4	0.68	< 10	1	0.11	70	0.06	210
JDY 06+50N	201 298	< 5	< 0.2	0.63	10	1030	< 0.5	< 2	0.05	0.5	4	6	9	2.66	10	< 1	0.13	120	0.24	340
JDY 07+00N	201 298	< 5	< 0.2	0.38	< 5	320	< 0.5	< 2	0.03	< 0.5	4	4	6	2.60	< 10	< 1	0.08	50	0.14	285
JDY 07+50N	201 298	< 5	< 0.2	0.36	< 5	320	< 0.5	< 2	0.03	0.5	3	3	10	3.53	< 10	< 1	0.13	60	0.09	125
JDY 08+00N	201 298	< 5	< 0.2	0.57	< 5	710	< 0.5	< 2	0.14	< 0.5	4	4	5	1.68	< 10	1	0.16	40	0.09	225
JDY 08+50N	201 298	< 5	< 0.2	0.68	< 5	940	< 0.5	< 2	0.07	< 0.5	7	7	9	1.72	10	< 1	0.14	100	0.12	515
JDY 09+00N	201 298	< 5	< 0.2	0.67	10	260	< 0.5	< 2	0.05	< 0.5	2	10	7	1.49	< 10	1	0.09	10	0.15	95
JDY 09+50N	201 298	< 5	< 0.2	0.60	< 5	640	< 0.5	< 2	0.06	< 0.5	6	7	8	1.20	10	1	0.14	50	0.21	520
JDY 10+00N	201 298	< 5	< 0.2	0.47	< 5	400	< 0.5	< 2	0.17	< 0.5	6	14	12	1.17	< 10	< 1	0.06	20	0.32	190
JDY 11+00N	201 298	< 5	< 0.2	0.70	< 5	210	< 0.5	< 2	0.24	< 0.5	2	14	7	1.22	< 10	< 1	0.03	10	0.25	145
JDY 11+50N	201 298	< 5	0.2	0.41	< 5	500	< 0.5	< 2	0.12	< 0.5	4	6	7	1.49	10	1	0.11	90	0.19	100
JDY 12+00N	201 298	< 5	< 0.2	0.64	< 5	550	< 0.5	< 2	0.05	< 0.5	3	9	6	2.03	< 10	< 1	0.08	60	0.22	130
JDY 12+50N	201 298	< 5	< 0.2	0.44	< 5	540	< 0.5	< 2	0.05	< 0.5	3	8	7	1.47	< 10	< 1	0.09	30	0.18	120
JDY 13+00N	201 298	< 5	< 0.2	0.27	< 5	800	< 0.5	< 2	0.04	< 0.5	6	4	22	6.49	< 10	< 1	0.06	80	0.03	235
JDY 13+50N	201 298	< 5	< 0.2	0.86	10	510	< 0.5	< 2	0.07	< 0.5	4	7	17	3.09	20	< 1	0.07	180	0.10	525
JDY 14+00N	201 298	< 5	< 0.2	0.30	5	260	< 0.5	< 2	0.05	< 0.5	3	4	5	2.74	< 10	< 1	0.05	60	0.08	220
JDY 14+50N	201 298	< 5	< 0.2	0.62	5	360	< 0.5	< 2	0.09	< 0.5	4	8	10	1.84	< 10	1	0.09	60	0.20	220
JDY 15+00N	201 298	< 5	< 0.2	0.84	< 5	330	< 0.5	< 2	0.07	0.5	4	11	11	2.21	< 10	< 1	0.08	50	0.38	335
JDY 15+50N	201 298	< 5	< 0.2	0.73	< 5	490	< 0.5	4	0.08	0.5	3	12	14	2.03	< 10	< 1	0.12	60	0.35	345
JDY 16+00N	201 298	< 5	< 0.2	0.64	< 5	420	< 0.5	< 2	0.05	< 0.5	3	6	14	1.78	< 10	< 1	0.11	60	0.28	325
JDY 16+50N	201 298	< 5	< 0.2	0.46	< 5	560	< 0.5	< 2	0.07	< 0.5	2	9	22	1.08	< 10	< 1	0.10	60	0.15	510
JDY 17+00N	201 298	< 5	< 0.2	0.72	5	740	< 0.5	< 2	0.06	< 0.5	1	8	14	1.53	< 10	2	0.10	40	0.15	100
JDY 17+50N	201 298	< 5	< 0.2	0.24	< 5	280	< 0.5	2	0.03	< 0.5	2	2	35	2.52	< 10	< 1	0.05	40	0.04	225
JDY 18+00N	201 298	< 5	< 0.2	0.62	10	660	< 0.5	< 2	0.08	< 0.5	4	11	11	1.32	< 10	< 1	0.10	50	0.19	160
JDY 18+50N	201 298	< 5	0.2	0.52	< 5	460	< 0.5	< 2	0.07	< 0.5	3	6	21	1.53	< 10	< 1	0.09	60	0.22	185
JDY 19+00N	201 298	< 5	< 0.2	0.66	< 5	300	< 0.5	< 2	0.03	0.5	< 1	3	57	4.22	< 10	< 1	0.15	70	0.30	190
JDY 19+50N	201 298	< 5	0.2	0.50	< 5	410	< 0.5	< 2	0.04	0.5	1	4	68	3.28	< 10	< 1	0.08	60	0.30	230
JDY 20+00N	201 298	< 5	0.4	0.34	< 5	850	< 0.5	< 2	0.06	0.5	4	8	13	1.12	10	< 1	0.09	140	0.08	785

CERTIFICATION:

B. Coughlin



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212 Brooksbank Ave., North Vancouver
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PHONE: 604-984-0221

To: HASTINGS MANAGEMENT CORP.

1000 - 675 W. HASTINGS
VANCOUVER, BC
V6B 1N6

Project: JODY EAST
Comments: CC: SCOTT TOMLINSON

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Invoice No. : I9121634
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CERTIFICATE OF ANALYSIS

A9121634

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
JDY 00+00N	201 298	1	0.01	18	440	16	< 5	3	22	0.05	< 10	< 10	47	< 10	62
JDY 00+50N	201 298	< 1	< 0.01	8	270	28	< 5	2	12	0.03	< 10	< 10	19	< 10	34
JDY 01+00N	201 298	1	< 0.01	6	210	28	< 5	1	9	0.01	< 10	< 10	11	< 10	30
JDY 01+50N	201 298	< 1	< 0.01	2	260	16	< 5	1	4	< 0.01	< 10	< 10	3	< 10	12
JDY 02+00N	201 298	< 1	< 0.01	8	210	16	< 5	1	7	0.02	< 10	< 10	11	< 10	18
JDY 02+50N	201 298	1	< 0.01	2	40	90	< 5	1	8	< 0.01	< 10	< 10	2	< 10	144
JDY 03+00N	201 298	1	< 0.01	2	70	98	< 5	< 1	7	< 0.01	< 10	< 10	< 1	< 10	86
JDY 03+50N	201 298	< 1	< 0.01	4	190	48	< 5	1	7	< 0.01	< 10	< 10	7	< 10	30
JDY 04+00N	201 298	< 1	< 0.01	2	100	46	< 5	1	5	< 0.01	< 10	< 10	4	< 10	28
JDY 04+50N	201 298	< 1	< 0.01	3	110	48	< 5	1	9	< 0.01	< 10	< 10	3	< 10	32
JDY 05+00N	201 298	3	0.01	7	170	158	< 5	1	12	0.02	< 10	< 10	19	< 10	44
JDY 05+50N	201 298	< 1	< 0.01	5	270	22	< 5	1	12	0.01	< 10	< 10	16	< 10	28
JDY 06+00N	201 298	< 1	< 0.01	1	100	16	< 5	2	13	< 0.01	< 10	< 10	1	< 10	20
JDY 06+50N	201 298	1	< 0.01	5	110	18	< 5	3	14	< 0.01	< 10	< 10	4	< 10	32
JDY 07+00N	201 298	1	< 0.01	5	90	16	< 5	2	5	< 0.01	< 10	< 10	4	< 10	26
JDY 07+50N	201 298	4	0.02	1	170	32	< 5	2	13	< 0.01	< 10	< 10	1	< 10	24
JDY 08+00N	201 298	1	< 0.01	1	50	8	< 5	3	21	< 0.01	< 10	< 10	3	< 10	14
JDY 08+50N	201 298	1	< 0.01	6	70	20	< 5	3	13	0.01	< 10	< 10	11	< 10	22
JDY 09+00N	201 298	1	< 0.01	5	120	18	< 5	2	7	0.02	< 10	< 10	16	< 10	22
JDY 09+50N	201 298	4	< 0.01	7	190	24	< 5	3	10	< 0.01	< 10	< 10	9	< 10	32
JDY 10+00N	201 298	< 1	< 0.01	10	550	18	< 5	1	13	0.01	< 10	< 10	13	< 10	30
JDY 11+00N	201 298	< 1	< 0.01	8	580	12	< 5	1	15	0.03	< 10	< 10	23	< 10	38
JDY 11+50N	201 298	1	< 0.01	2	100	8	< 5	2	20	< 0.01	< 10	< 10	5	< 10	22
JDY 12+00N	201 298	< 1	< 0.01	4	60	4	< 5	2	8	0.01	< 10	< 10	13	< 10	22
JDY 12+50N	201 298	1	< 0.01	2	100	12	< 5	2	10	0.01	< 10	< 10	8	< 10	18
JDY 13+00N	201 298	17	< 0.01	2	100	20	< 5	1	18	< 0.01	< 10	< 10	< 1	< 10	64
JDY 13+50N	201 298	3	< 0.01	2	110	22	< 5	9	7	< 0.01	< 10	< 10	3	< 10	88
JDY 14+00N	201 298	2	< 0.01	3	110	8	< 5	3	7	< 0.01	< 10	< 10	2	< 10	26
JDY 14+50N	201 298	3	< 0.01	5	150	20	< 5	3	9	< 0.01	< 10	< 10	8	< 10	50
JDY 15+00N	201 298	3	< 0.01	6	180	20	< 5	2	8	0.01	< 10	< 10	9	< 10	74
JDY 15+50N	201 298	2	0.01	6	200	38	< 5	2	12	0.02	< 10	< 10	11	< 10	72
JDY 16+00N	201 298	3	0.01	2	140	34	< 5	2	9	0.01	< 10	< 10	5	< 10	58
JDY 16+50N	201 298	2	< 0.01	4	300	168	< 5	1	10	< 0.01	< 10	< 10	8	< 10	40
JDY 17+00N	201 298	1	< 0.01	4	140	46	< 5	2	11	0.01	< 10	< 10	14	< 10	36
JDY 17+50N	201 298	4	< 0.01	1	110	160	< 5	2	5	< 0.01	< 10	10	1	< 10	216
JDY 18+00N	201 298	2	< 0.01	8	190	28	< 5	1	12	0.01	< 10	< 10	14	< 10	24
JDY 18+50N	201 298	2	< 0.01	3	270	56	< 5	1	12	0.01	< 10	< 10	7	< 10	72
JDY 19+00N	201 298	8	< 0.01	2	300	90	< 5	2	11	0.01	< 10	< 10	1	< 10	204
JDY 19+50N	201 298	8	< 0.01	2	230	176	5	1	8	< 0.01	< 10	10	2	< 10	248
JDY 20+00N	201 298	3	< 0.01	2	380	94	< 5	1	14	< 0.01	< 10	< 10	6	< 10	50

CERTIFICATION:

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To: HASTINGS MANAGEMENT CORP.

1000 - 675 W. HASTINGS
VANCOUVER, BC
V6B 1N6

Project: JODY EAST
Comments: CC: SCOTT TOMLINSON

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CERTIFICATE OF ANALYSIS

A9121634

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
JDY 20+50N	201 298	< 5	0.4	0.43	10	790	< 0.5	< 2	0.04	< 0.5	4	7	20	1.45	10	< 1	0.09	130	0.09	715
JDY 21+00N	201 298	< 5	< 0.2	0.68	< 5	500	< 0.5	< 2	0.07	< 0.5	2	8	16	1.60	< 10	< 1	0.14	60	0.36	195
JDY 21+50N	201 298	< 5	< 0.2	0.70	10	700	< 0.5	< 2	0.06	< 0.5	3	9	14	1.45	< 10	< 1	0.11	60	0.19	150
JDY 22+00N	201 298	< 5	< 0.2	0.46	10	730	< 0.5	< 2	0.09	< 0.5	1	7	8	0.86	< 10	< 1	0.12	60	0.18	200
JDY 22+50N	201 298	< 5	0.4	0.17	< 5	710	< 0.5	< 2	0.04	< 0.5	1	3	12	1.53	< 10	< 1	0.08	30	0.03	50
JDY 23+00N	201 298	< 5	0.4	0.30	5	580	< 0.5	< 2	0.05	< 0.5	2	4	13	2.13	< 10	< 1	0.13	100	0.14	110
JDY 23+50N	201 298	< 5	< 0.2	0.64	< 5	1520	< 0.5	< 2	0.21	< 0.5	4	12	16	1.42	< 10	2	0.24	70	0.38	440
JDY 24+00N	201 298	< 5	< 0.2	0.64	< 5	1090	< 0.5	< 2	0.19	< 0.5	3	11	13	1.26	< 10	1	0.10	50	0.21	140

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V6B 1N6

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SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
JDY 20+50N	201 298	4	< 0.01	4	210	118	< 5	2	12	< 0.01	< 10	< 10	7	< 10	98
JDY 21+00N	201 298	2	< 0.01	4	240	54	< 5	2	11	0.02	< 10	< 10	9	< 10	92
JDY 21+50N	201 298	1	< 0.01	4	180	48	< 5	2	10	0.02	< 10	< 10	14	< 10	48
JDY 22+00N	201 298	1	< 0.01	3	390	68	< 5	1	9	0.01	< 10	< 10	9	< 10	26
JDY 22+50N	201 298	4	0.01	2	130	108	< 5	< 1	11	< 0.01	< 10	< 10	< 1	< 10	68
JDY 23+00N	201 298	4	0.01	3	390	104	< 5	1	17	< 0.01	< 10	< 10	1	< 10	74
JDY 23+50N	201 298	< 1	< 0.01	6	820	118	< 5	3	14	0.02	< 10	< 10	12	< 10	78
JDY 24+00N	201 298	1	< 0.01	8	480	72	< 5	2	18	0.02	< 10	< 10	16	< 10	60

CERTIFICATION:

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To: HASTINGS MANAGEMENT CORP.

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Project: GLF
Comments: CC: SCOTT TOMLINSON

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SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
GLF-SS1	201 298	< 5	0.2	1.46	< 5	240	< 0.5	< 2	0.46	< 0.5	4	25	25	1.97	10	< 1	0.19	100	0.35	505
GLF1 0+25S	201 298	< 5	< 0.2	1.04	< 5	270	< 0.5	< 2	0.25	< 0.5	5	16	21	1.77	< 10	< 1	0.15	20	0.34	185
GLF1 0+50S	201 298	< 5	< 0.2	0.91	< 5	270	< 0.5	< 2	0.52	< 0.5	6	17	23	1.63	< 10	< 1	0.08	20	0.34	225
GLF1 0+75S	201 298	< 5	< 0.2	1.12	20	450	< 0.5	< 2	0.79	< 0.5	5	19	28	1.83	10	1	0.07	20	0.37	175
GLF1 1+00S	201 298	< 5	< 0.2	1.28	10	400	< 0.5	< 2	0.42	< 0.5	5	20	21	1.88	10	< 1	0.09	40	0.38	285
GLF1 0+00W	201 298	95	< 0.2	1.30	15	450	< 0.5	2	0.93	< 0.5	7	22	31	1.98	10	< 1	0.14	30	0.41	305
GLF1 0+25W	201 298	< 5	< 0.2	1.38	10	300	< 0.5	2	0.52	< 0.5	6	23	22	2.06	< 10	< 1	0.12	30	0.42	220
GLF1 0+45W	201 298	< 5	< 0.2	1.30	< 5	340	< 0.5	< 2	0.51	< 0.5	7	22	20	1.99	< 10	< 1	0.10	20	0.37	325
GLF1 0+70W	201 298	< 5	< 0.2	1.16	< 5	360	< 0.5	< 2	0.57	< 0.5	6	20	19	1.58	< 10	< 1	0.08	20	0.40	145
GLF1 0+95W	201 298	< 5	< 0.2	1.45	< 5	430	< 0.5	< 2	0.49	< 0.5	6	25	26	1.96	< 10	< 1	0.07	20	0.49	290
GLF1 1+20W	201 298	< 5	< 0.2	1.30	10	380	< 0.5	< 2	0.43	< 0.5	5	21	22	1.71	< 10	< 1	0.06	10	0.42	130
GLF1 0+25N	201 298	< 5	< 0.2	1.08	< 5	320	< 0.5	< 2	0.55	< 0.5	7	20	25	1.98	< 10	< 1	0.09	20	0.41	185
GLF1 0+50N	201 298	< 5	0.2	1.38	5	390	< 0.5	< 2	0.47	< 0.5	7	22	26	2.25	10	< 1	0.13	50	0.40	575
GLF1 0+75N	201 298	< 5	< 0.2	1.46	5	490	< 0.5	< 2	0.68	< 0.5	6	23	27	2.17	10	< 1	0.09	20	0.39	305
GLF1 1+00N	201 298	15	< 0.2	1.57	15	420	< 0.5	4	0.55	< 0.5	8	34	32	2.40	10	< 1	0.14	50	0.52	405
GLF1 1+25N	201 298	110	< 0.2	0.86	< 5	230	< 0.5	< 2	0.16	< 0.5	2	11	14	1.36	< 10	< 1	0.13	30	0.18	215
GLF1 1+50N	201 298	< 5	< 0.2	1.10	< 5	270	< 0.5	2	0.26	< 0.5	4	18	21	1.91	10	< 1	0.11	40	0.34	225
GLF1 1+75N	201 298	< 5	< 0.2	1.42	< 5	480	< 0.5	< 2	0.27	< 0.5	6	17	24	2.09	10	< 1	0.16	40	0.34	375
GLF1 1+87N	201 298	10	< 0.2	1.28	< 5	320	< 0.5	< 2	0.26	< 0.5	6	26	22	2.18	10	< 1	0.21	90	0.53	455
GLF1 2+00NA	201 298	< 5	< 0.2	1.30	10	370	< 0.5	< 2	0.27	< 0.5	6	21	19	2.26	10	< 1	0.25	70	0.43	450
GLF1 2+00NA	201 298	< 5	< 0.2	1.80	5	450	< 0.5	< 2	0.84	< 0.5	8	26	27	2.35	10	< 1	0.23	40	0.45	395
GLF1 2+12N	201 298	< 5	< 0.2	1.23	5	320	< 0.5	< 2	0.16	< 0.5	4	9	13	1.78	10	< 1	0.27	90	0.32	415
GLF1 2+25N	201 298	< 5	< 0.2	1.19	< 5	360	< 0.5	< 2	0.30	< 0.5	5	22	20	2.04	< 10	< 1	0.11	30	0.36	350
GLF1 2+50N	201 298	< 5	0.2	1.54	5	520	< 0.5	2	0.50	< 0.5	6	25	15	2.27	< 10	< 1	0.20	20	0.34	430
GLF1 2+75N	201 298	< 5	< 0.2	1.71	15	430	< 0.5	2	0.73	< 0.5	6	28	22	2.44	10	< 1	0.14	30	0.45	330
GLF1 3+00N	201 298	< 5	< 0.2	1.83	15	440	< 0.5	< 2	0.37	< 0.5	6	26	12	2.34	10	< 1	0.18	20	0.37	220
GLF1 3+25N	201 298	15	0.2	1.69	15	360	< 0.5	< 2	0.43	< 0.5	7	26	31	2.23	10	< 1	0.16	90	0.44	250
GLF1 3+50N	201 298	< 5	< 0.2	1.72	10	410	< 0.5	< 2	0.48	< 0.5	6	28	18	2.29	10	< 1	0.11	30	0.39	345
GLF1 3+75N	201 298	< 5	< 0.2	1.59	10	320	< 0.5	< 2	0.33	< 0.5	5	27	25	2.26	10	< 1	0.12	80	0.38	250
GLF1 4+00N	201 298	20	< 0.2	1.81	5	570	< 0.5	2	0.35	< 0.5	6	27	17	2.20	10	< 1	0.11	60	0.36	505
GLF2 0+00E	201 298	< 5	< 0.2	1.89	10	400	< 0.5	< 2	0.45	< 0.5	7	36	12	2.59	10	< 1	0.53	10	0.70	490
GLF2 0+50E	201 298	< 5	< 0.2	1.35	20	200	< 0.5	< 2	0.17	< 0.5	4	20	17	2.18	< 10	< 1	0.06	10	0.34	230
GLF2 1+00E	201 298	20	< 0.2	0.63	< 5	500	< 0.5	2	0.52	< 0.5	1	3	7	0.98	< 10	< 1	0.20	< 10	0.09	605
GLF2 1+50E	201 298	< 5	< 0.2	1.42	20	280	< 0.5	< 2	0.31	< 0.5	5	22	12	2.36	< 10	< 1	0.13	10	0.36	235
GLF2 2+00E	201 298	< 5	< 0.2	1.17	10	150	< 0.5	< 2	0.15	< 0.5	3	15	9	1.89	< 10	< 1	0.18	10	0.26	160
GLF2 2+50E	201 298	< 5	< 0.2	1.55	5	230	< 0.5	< 2	0.20	< 0.5	6	24	16	2.27	< 10	< 1	0.11	20	0.36	205
GLF2 3+00E	201 298	< 5	< 0.2	1.65	10	360	< 0.5	< 2	0.31	< 0.5	8	26	16	2.49	< 10	< 1	0.16	10	0.40	510
GLF2 3+50E	201 298	< 5	< 0.2	1.60	10	300	< 0.5	< 2	0.22	< 0.5	7	30	20	2.31	< 10	< 1	0.09	20	0.44	525
GLF2 4+50E	201 298	< 5	< 0.2	1.10	15	270	< 0.5	< 2	0.21	< 0.5	4	16	10	2.01	< 10	< 1	0.12	10	0.29	285
GLF2 5+00E	201 298	< 5	< 0.2	0.93	5	260	< 0.5	< 2	0.14	< 0.5	2	10	8	1.66	< 10	< 1	0.12	20	0.19	145

CERTIFICATION:

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To: HASTINGS MANAGEMENT CORP.

1000 - 675 W. HASTINGS

VANCOUVER, BC

V6B 1N6

Project: GULF

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CERTIFICATE OF ANALYSIS

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SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
GLF-SS1	201 298	< 1	0.01	10	500	14	< 5	5	31	0.03	< 10	< 10	30	< 10	40
GLF1 0+25S	201 298	< 1	0.01	8	110	6	< 5	4	16	0.05	< 10	< 10	30	< 10	46
GLF1 0+50S	201 298	< 1	0.01	11	420	6	< 5	3	23	0.05	< 10	< 10	31	< 10	38
GLF1 0+75S	201 298	< 1	0.01	14	500	12	< 5	3	47	0.04	< 10	< 10	35	< 10	42
GLF1 1+00S	201 298	< 1	0.01	10	300	2	< 5	4	26	0.06	< 10	< 10	37	< 10	38
GLF1 0+00W	201 298	< 1	0.01	15	620	12	< 5	4	51	0.06	< 10	< 10	41	< 10	44
GLF1 0+25W	201 298	< 1	0.01	10	420	8	< 5	4	31	0.07	< 10	< 10	42	< 10	46
GLF1 0+45W	201 298	< 1	0.01	11	360	14	< 5	4	30	0.06	< 10	< 10	43	< 10	38
GLF1 0+70W	201 298	< 1	0.01	13	520	10	< 5	3	34	0.07	< 10	< 10	39	< 10	56
GLF1 0+95W	201 298	< 1	0.01	15	520	12	< 5	4	30	0.07	< 10	< 10	45	< 10	68
GLF1 1+20W	201 298	< 1	0.01	15	560	12	< 5	3	27	0.06	< 10	< 10	39	< 10	52
GLF1 0+25N	201 298	< 1	0.01	12	600	8	< 5	3	31	0.06	< 10	< 10	41	< 10	46
GLF1 0+50N	201 298	< 1	0.01	14	400	10	< 5	5	27	0.05	< 10	< 10	40	< 10	52
GLF1 0+75N	201 298	< 1	0.01	15	210	12	< 5	4	28	0.05	< 10	< 10	45	< 10	44
GLF1 1+00N	201 298	< 1	0.01	18	210	24	< 5	6	32	0.05	< 10	< 10	45	< 10	56
GLF1 1+25N	201 298	< 1	< 0.01	6	50	16	< 5	3	11	0.02	< 10	< 10	21	< 10	26
GLF1 1+50N	201 298	< 1	0.01	11	350	12	< 5	4	18	0.05	< 10	< 10	33	< 10	50
GLF1 1+75N	201 298	< 1	0.01	12	220	8	< 5	5	21	0.04	< 10	< 10	37	< 10	54
GLF1 1+87N	201 298	< 1	< 0.01	13	160	18	< 5	7	16	0.02	< 10	< 10	24	< 10	54
GLF1 2+00NA	201 298	< 1	0.01	11	230	18	< 5	6	18	0.04	< 10	< 10	32	< 10	52
GLF1 2+00NA	201 298	< 1	0.01	13	250	16	< 5	6	35	0.07	< 10	< 10	45	< 10	54
GLF1 2+12N	201 298	< 1	< 0.01	3	100	10	< 5	6	11	0.01	< 10	< 10	20	< 10	36
GLF1 2+25N	201 298	< 1	0.01	11	230	12	< 5	4	21	0.07	< 10	< 10	41	< 10	44
GLF1 2+50N	201 298	< 1	0.01	13	190	12	< 5	4	37	0.07	< 10	< 10	48	< 10	40
GLF1 2+75N	201 298	< 1	0.01	16	220	14	< 5	5	43	0.08	< 10	< 10	55	< 10	50
GLF1 3+00N	201 298	< 1	0.01	10	140	14	< 5	5	29	0.09	< 10	< 10	53	< 10	44
GLF1 3+25N	201 298	< 1	0.01	18	130	6	< 5	7	31	0.07	< 10	< 10	46	< 10	54
GLF1 3+50N	201 298	< 1	0.01	13	130	10	< 5	5	28	0.09	< 10	< 10	53	< 10	46
GLF1 3+75N	201 298	< 1	0.01	15	150	14	< 5	6	23	0.08	< 10	< 10	50	< 10	44
GLF1 4+00N	201 298	2	0.01	10	140	14	< 5	6	26	0.07	< 10	< 10	45	< 10	38
GLF2 0+00E	201 298	< 1	0.01	11	330	14	< 5	4	30	0.08	< 10	< 10	43	< 10	86
GLF2 0+50E	201 298	< 1	0.01	9	130	12	< 5	3	12	0.08	< 10	< 10	53	< 10	38
GLF2 1+00E	201 298	< 1	< 0.01	< 1	480	8	< 5	1	31	0.01	< 10	< 10	13	< 10	34
GLF2 1+50E	201 298	< 1	0.01	9	280	16	< 5	3	23	0.10	< 10	< 10	57	< 10	42
GLF2 2+00E	201 298	< 1	0.01	5	390	12	< 5	2	13	0.04	< 10	< 10	37	< 10	36
GLF2 2+50E	201 298	< 1	0.01	11	300	4	< 5	3	18	0.09	< 10	< 10	55	< 10	44
GLF2 3+00E	201 298	< 1	0.01	13	620	14	< 5	3	24	0.10	< 10	< 10	63	< 10	52
GLF2 3+50E	201 298	< 1	0.01	16	160	12	< 5	3	19	0.09	< 10	< 10	52	< 10	40
GLF2 4+50E	201 298	< 1	< 0.01	7	120	12	< 5	2	16	0.05	< 10	< 10	43	< 10	32
GLF2 5+00E	201 298	< 1	< 0.01	3	170	8	< 5	1	11	0.03	< 10	< 10	31	< 10	24

CERTIFICATION:

B. Coughlin



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To: HASTINGS MANAGEMENT CORP.

1000 - 675 W. HASTINGS
VANCOUVER, BC
V6B 1N6

Project : GULF
Comments: CC: SCOTT TOMLINSON

Page Number : 2-A
Total Pages : 2
Certificate Date: 12-AUG-91
Invoice No. : 19119102
P.O. Number :

CERTIFICATE OF ANALYSIS

A9119102

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
GLF2 5+50E	201 298	< 5	< 0.2	1.37	10	240	< 0.5	< 2	0.17	< 0.5	7	21	9	1.92	< 10	1	0.10	10	0.33	370
GLF2 6+00E	201 298	< 5	< 0.2	1.16	5	310	< 0.5	< 2	0.24	< 0.5	4	16	8	1.72	< 10	< 1	0.16	20	0.27	315
GLF2 6+50E	201 298	< 5	< 0.2	0.96	< 5	210	< 0.5	2	0.18	< 0.5	1	9	4	1.25	< 10	< 1	0.17	30	0.14	160
GLF2 7+00E	201 298	< 5	< 0.2	0.95	< 5	360	< 0.5	< 2	0.20	< 0.5	2	6	5	1.23	< 10	< 1	0.19	10	0.13	320
GLF2 7+50E	201 298	< 5	< 0.2	1.66	15	510	< 0.5	< 2	0.42	< 0.5	7	30	14	2.48	< 10	< 1	0.20	20	0.42	635
GLF2 8+00E	201 298	< 5	< 0.2	1.58	10	330	< 0.5	< 2	0.37	< 0.5	8	47	12	2.42	< 10	< 1	0.31	10	0.54	420
GLF2 8+50E	201 298	50	< 0.2	1.74	10	370	< 0.5	< 2	0.41	< 0.5	6	37	8	2.25	10	< 1	0.30	20	0.49	405
GLF2 9+00E	201 298	< 5	< 0.2	1.55	15	480	< 0.5	< 2	0.33	< 0.5	5	23	8	2.21	< 10	< 1	0.28	20	0.39	705
GLF2 9+50E	201 298	< 5	< 0.2	1.51	< 5	550	< 0.5	< 2	0.42	< 0.5	7	22	13	2.06	< 10	< 1	0.17	10	0.32	1140
GLF2 10+00E	201 298	< 5	< 0.2	1.89	15	410	< 0.5	< 2	0.32	< 0.5	9	27	10	2.32	< 10	< 1	0.13	20	0.39	565
GLF2 10+50E	201 298	< 5	< 0.2	1.34	< 5	340	< 0.5	2	0.24	< 0.5	6	18	7	1.74	< 10	< 1	0.07	10	0.27	400
GLF2 11+00E	201 298	< 5	< 0.2	1.22	< 5	330	< 0.5	< 2	0.25	< 0.5	6	15	6	1.66	< 10	< 1	0.16	10	0.27	400

CERTIFICATION:

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To: HASTINGS MANAGEMENT CORP.

1000 - 675 W. HASTINGS
VANCOUVER, BC
V6B 1N6

Project : GULF
Comments: CC: SCOTT TOMLINSON

Page Number : 2-B
Total Pages : 2
Certificate Date: 12-AUG-91
Invoice No. : I9119102
P.O. Number :

CERTIFICATE OF ANALYSIS

A9119102

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
GLF2 5+50E	201 298	< 1	< 0.01	10	110	6	< 5	2	14	0.06	< 10	< 10	46	< 10	34
GLF2 6+00E	201 298	< 1	< 0.01	8	120	10	< 5	3	18	0.04	< 10	< 10	34	< 10	24
GLF2 6+50E	201 298	< 1	< 0.01	1	140	10	< 5	2	11	0.02	< 10	< 10	16	< 10	16
GLF2 7+00E	201 298	< 1	0.01	2	100	12	< 5	2	14	0.02	< 10	< 10	16	< 10	18
GLF2 7+50E	201 298	< 1	0.01	14	440	4	< 5	5	30	0.09	< 10	< 10	56	< 10	44
GLF2 8+00E	201 298	< 1	0.01	12	350	10	< 5	4	24	0.10	< 10	< 10	54	< 10	40
GLF2 8+50E	201 298	< 1	0.01	5	280	6	< 5	3	28	0.08	< 10	< 10	43	< 10	30
GLF2 9+00E	201 298	< 1	0.01	10	340	8	< 5	3	25	0.09	< 10	< 10	43	< 10	36
GLF2 9+50E	201 298	< 1	0.01	11	400	12	< 5	3	27	0.07	< 10	< 10	49	< 10	36
GLF2 10+00E	201 298	< 1	0.01	11	300	6	< 5	4	25	0.10	< 10	< 10	60	< 10	44
GLF2 10+50E	201 298	< 1	< 0.01	7	160	8	< 5	2	18	0.06	< 10	< 10	40	< 10	34
GLF2 11+00E	201 298	< 1	< 0.01	5	110	10	< 5	2	22	0.06	< 10	< 10	32	< 10	30

CERTIFICATION:

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To: HASTINGS MANAGEMENT CORP.

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Project : HL/WIN
Comments: CC: SCOTT TOMLINSON

Page Number : 1-A
Total Pages : 1
Certificate Date: 08-OCT-91
Invoice No. : 19122582
P.O. Number :

CERTIFICATE OF ANALYSIS

A9122582

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
HL1 000	201 298	< 5	< 0.2	1.23	< 5	220	< 0.5	< 2	0.08	1.0	7	19	16	1.60	< 10	< 1	0.15	40	0.26	400
HL1 025	201 298	< 5	0.2	1.40	30	160	< 0.5	2	0.04	< 0.5	4	7	13	1.15	< 10	< 1	0.15	70	0.98	215
HL1 050	201 298	< 5	0.2	1.19	10	110	< 0.5	< 2	0.18	0.5	4	10	19	1.73	< 10	< 1	0.18	60	0.84	365
HL1 075	201 298	< 5	1.4	0.34	5	360	< 0.5	8	0.06	< 0.5	1	9	14	2.82	< 10	< 1	0.21	90	0.13	210
HL1 100	201 298	< 5	0.2	0.15	10	720	< 0.5	4	0.01	< 0.5	< 1	7	7	2.99	< 10	< 1	0.25	60	0.01	15
HL1 125	201 298	< 5	0.6	0.82	20	710	< 0.5	8	0.10	< 0.5	2	16	13	3.12	< 10	2	0.24	50	0.19	80
HL1 150	201 298	< 5	0.2	0.52	5	510	< 0.5	2	0.05	< 0.5	3	11	15	2.25	< 10	1	0.13	40	0.11	50
HL1 175	201 298	< 5	< 0.2	0.45	5	540	< 0.5	4	0.03	< 0.5	7	8	14	2.80	< 10	< 1	0.15	40	0.09	135
HL1 200	201 298	< 5	1.0	0.27	10	540	< 0.5	< 2	0.02	< 0.5	2	8	11	4.45	< 10	< 1	0.55	30	0.03	30
HL1 225	201 298	790	162.0	0.11	10	710	< 0.5	4	0.01	< 0.5	1	5	6	2.44	< 10	1	0.23	50	0.01	5
HL1 250	201 298	10	0.6	0.72	10	710	< 0.5	6	0.09	0.5	2	17	11	3.11	< 10	< 1	0.29	50	0.20	70
HL1 275	201 298	5	1.0	0.39	5	580	< 0.5	< 2	0.02	< 0.5	2	9	15	3.58	< 10	< 1	0.30	90	0.05	35
HL1 300	201 298	< 5	3.2	0.51	< 5	290	< 0.5	< 2	0.02	0.5	4	7	15	3.83	< 10	< 1	0.19	90	0.29	110
HL1 325	201 298	< 5	0.2	0.31	25	680	< 0.5	< 2	0.04	< 0.5	2	11	9	4.23	< 10	< 1	0.50	70	0.05	35
HL1 350	201 298	< 5	0.2	0.36	20	740	< 0.5	< 2	0.03	< 0.5	4	10	13	4.19	< 10	< 1	0.44	100	0.05	70
HL1 375	201 298	< 5	< 0.2	0.86	20	660	< 0.5	< 2	0.07	< 0.5	4	18	12	2.95	< 10	< 1	0.26	50	0.19	110
HL1 400	201 298	< 5	< 0.2	0.63	20	670	< 0.5	2	0.03	< 0.5	2	12	8	3.75	< 10	< 1	0.29	60	0.08	85
HL1 425	201 298	< 5	< 0.2	1.37	15	310	< 0.5	< 2	0.09	< 0.5	4	20	14	1.58	< 10	< 1	0.12	50	0.32	220
HL1 450	201 298	< 5	< 0.2	0.42	20	870	< 0.5	12	0.02	< 0.5	3	8	6	3.99	< 10	< 1	0.39	70	0.04	70

CERTIFICATION:

B. Coughlin



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212 Brooksbank Ave., North Vancouver
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To: HASTINGS MANAGEMENT CORP.

1000 - 675 W. HASTINGS
VANCOUVER, BC
V6B 1N6

Project: HL/WIN
Comments: CC: SCOTT TOMLINSON

Page Number : 1-B
Total Pages : 1
Certificate Date: 08-OCT-91
Invoice No. : I9122582
P.O. Number :

CERTIFICATE OF ANALYSIS

A9122582

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
HL1 000	201 298	5	< 0.01	11	260	72	< 5	2	9	0.02	< 10	< 10	21	< 10	60
HL1 025	201 298	2	< 0.01	4	160	58	< 5	1	7	0.01	< 10	< 10	7	< 10	76
HL1 050	201 298	1	< 0.01	7	510	36	< 5	2	15	0.02	< 10	< 10	7	< 10	108
HL1 075	201 298	3	0.02	2	730	118	< 5	1	136	0.05	< 10	< 10	2	< 10	22
HL1 100	201 298	5	0.10	1	700	64	< 5	< 1	116	0.01	< 10	< 10	< 1	< 10	10
HL1 125	201 298	2	0.03	4	770	40	< 5	1	67	0.03	< 10	< 10	20	< 10	28
HL1 150	201 298	< 1	0.02	5	660	40	< 5	1	41	0.02	< 10	< 10	9	< 10	20
HL1 175	201 298	1	0.03	5	560	38	< 5	1	82	0.01	< 10	< 10	4	< 10	18
HL1 200	201 298	6	0.13	2	650	54	< 5	1	56	0.02	< 10	< 10	5	< 10	16
HL1 225	201 298	7	0.09	1	580	538	15	< 1	86	0.02	< 10	< 10	1	< 10	14
HL1 250	201 298	1	0.05	5	800	32	< 5	2	36	0.03	< 10	< 10	24	< 10	26
HL1 275	201 298	1	0.09	4	940	22	< 5	1	88	0.02	< 10	< 10	4	< 10	12
HL1 300	201 298	4	0.05	4	900	24	< 5	1	102	0.01	< 10	< 10	1	< 10	36
HL1 325	201 298	1	0.10	1	960	28	< 5	1	47	0.01	< 10	< 10	8	< 10	10
HL1 350	201 298	2	0.11	1	1020	38	< 5	1	95	0.01	< 10	< 10	4	< 10	12
HL1 375	201 298	3	0.03	7	610	30	< 5	2	45	0.04	< 10	< 10	23	< 10	28
HL1 400	201 298	8	0.04	3	760	46	< 5	1	47	0.02	< 10	< 10	16	< 10	16
HL1 425	201 298	1	< 0.01	12	120	58	< 5	2	9	0.04	< 10	< 10	28	< 10	36
HL1 450	201 298	10	0.09	2	680	68	< 5	1	43	< 0.01	< 10	< 10	3	< 10	10

CERTIFICATION:

B. Coughlin



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To: HASTINGS MANAGEMENT CORP.

1000 - 675 W. HASTINGS

VANCOUVER, BC

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Project: SKOOKUM

Comments: CC: SCOTT TOMLINSON

Page Number: 1-A

Total Pages: 1

Certificate Date: 20-SEP-91

Invoice No.: 19121638

P.O. Number:

CERTIFICATE OF ANALYSIS

A9121638

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
LSG 0+00W	201 298	< 5	< 0.2	0.76	5	220	< 0.5	< 2	0.08	< 0.5	3	11	9	0.99	< 10	< 1	0.08	10	0.26	65
LSG 0+50W	201 298	< 5	0.4	2.20	35	250	< 0.5	< 2	0.28	0.5	11	82	33	2.95	< 10	< 1	0.06	30	1.65	195
LSG 1+00W	201 298	< 5	< 0.2	1.04	< 5	350	< 0.5	< 2	0.16	0.5	5	15	12	1.60	< 10	< 1	0.11	10	0.31	90
LSG 1+50W	201 298	60	< 0.2	1.56	< 5	390	< 0.5	2	0.22	0.5	6	26	16	2.36	< 10	< 1	0.08	10	0.43	235
LSG 2+00W	201 298	< 5	< 0.2	1.76	15	510	< 0.5	< 2	0.55	< 0.5	11	31	36	2.73	< 10	1	0.09	20	0.51	375
LSG 2+25W	201 298	< 5	< 0.2	1.57	10	390	< 0.5	< 2	0.41	0.5	6	21	20	2.06	< 10	< 1	0.09	10	0.32	160
LSG 2+50W	201 298	< 5	< 0.2	1.09	35	320	< 0.5	< 2	0.15	< 0.5	2	13	10	1.38	< 10	1	0.15	20	0.20	85
LSG 2+75W	201 298	< 5	< 0.2	1.03	40	300	< 0.5	< 2	0.17	< 0.5	2	16	13	1.48	< 10	< 1	0.18	30	0.27	85
LSG 3+00W	201 298	< 5	< 0.2	0.94	5	220	< 0.5	< 2	0.15	0.5	3	15	9	1.41	< 10	< 1	0.10	20	0.27	85
LSG 3+25W	201 298	< 5	< 0.2	0.43	145	180	< 0.5	< 2	0.03	< 0.5	1	5	4	0.66	< 10	< 1	0.11	10	0.07	30
LSG 3+50W	201 298	< 5	< 0.2	0.69	5	130	< 0.5	< 2	0.08	< 0.5	2	9	6	0.97	< 10	2	0.06	10	0.17	45
LSG 3+75W	201 298	< 5	< 0.2	0.51	5	240	< 0.5	< 2	0.07	< 0.5	2	7	5	0.71	< 10	1	0.08	20	0.11	30
LSG 4+00W	201 298	< 5	< 0.2	1.01	< 5	180	< 0.5	< 2	0.09	0.5	3	17	11	1.37	< 10	1	0.09	30	0.25	85
LSG 4+25W	201 298	< 5	< 0.2	1.12	15	180	< 0.5	< 2	0.08	< 0.5	3	16	10	1.24	< 10	1	0.12	20	0.23	85
LSG 4+50W	201 298	< 5	< 0.2	1.07	10	180	< 0.5	< 2	0.09	< 0.5	2	14	7	1.26	< 10	1	0.10	20	0.22	80
LSG 4+75W	201 298	< 5	< 0.2	0.56	15	120	< 0.5	< 2	0.08	< 0.5	< 1	3	3	0.61	< 10	< 1	0.12	10	0.07	20
LSG 5+00W	201 298	< 5	< 0.2	1.63	< 5	350	< 0.5	< 2	0.14	0.5	5	30	16	2.29	< 10	3	0.07	20	0.42	140
LSG 5+25W	201 298	< 5	< 0.2	0.89	< 5	210	< 0.5	< 2	0.07	< 0.5	2	10	5	1.08	< 10	< 1	0.06	10	0.14	55
LSG 5+50W	201 298	< 5	< 0.2	0.65	< 5	180	< 0.5	< 2	0.04	< 0.5	2	7	4	0.86	< 10	< 1	0.07	10	0.09	30
LSG 5+75W	201 298	< 5	< 0.2	1.04	< 5	260	< 0.5	2	0.11	0.5	3	9	6	1.08	< 10	< 1	0.10	< 10	0.18	55
LSG 6+00W	201 298	< 5	< 0.2	0.90	10	220	< 0.5	< 2	0.11	< 0.5	2	10	5	0.94	< 10	1	0.10	< 10	0.17	55
LSG 6+25W	201 298	< 5	< 0.2	0.92	10	170	< 0.5	< 2	0.13	< 0.5	4	15	7	1.30	< 10	< 1	0.06	20	0.26	70
91TR06-01	201 298	< 5	< 0.2	1.87	10	400	< 0.5	2	0.55	0.5	10	28	28	2.76	< 10	< 1	0.07	20	0.70	360
91TR12-01	201 298	10	< 0.2	1.09	< 5	240	< 0.5	< 2	0.30	0.5	5	20	13	1.79	< 10	< 1	0.05	10	0.31	185
91TR13-01	201 298	< 5	0.2	0.77	10	310	< 0.5	< 2	0.24	< 0.5	4	16	11	1.33	< 10	< 1	0.08	40	0.26	110
91TR13-02	201 298	< 5	< 0.2	1.46	15	410	< 0.5	< 2	0.28	< 0.5	7	22	17	1.97	< 10	< 1	0.07	20	0.41	150

CERTIFICATION:

B. Coughlin



Chemex Labs Ltd.

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To: HASTINGS MANAGEMENT CORP.

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Project : SKOOKUM
Comments : CC: SCOTT TOMLINSON

Page Number : 1-B
Total Pages : 1
Certificate Date: 20-SEP-91
Invoice No. : 19121638
P.O. Number :

CERTIFICATE OF ANALYSIS

A9121638

SAMPLE DESCRIPTION	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
LSG 0+00W	201	298	< 1	< 0.01	6	110	10	< 5	1	7	0.01	< 10	< 10	15	< 10	30
LSG 0+50W	201	298	< 1	< 0.01	38	840	32	< 5	3	18	< 0.01	< 10	< 10	27	< 10	128
LSG 1+00W	201	298	< 1	< 0.01	9	190	8	< 5	2	14	0.03	< 10	< 10	27	< 10	34
LSG 1+50W	201	298	< 1	0.01	15	200	8	< 5	3	20	0.06	< 10	< 10	47	< 10	46
LSG 2+00W	201	298	< 1	0.01	24	610	14	< 5	5	38	0.07	< 10	< 10	52	< 10	68
LSG 2+25W	201	298	< 1	0.01	13	490	12	< 5	3	33	0.04	< 10	< 10	36	< 10	56
LSG 2+50W	201	298	< 1	< 0.01	7	330	10	< 5	2	14	0.02	< 10	< 10	26	< 10	38
LSG 2+75W	201	298	< 1	< 0.01	8	270	28	< 5	3	15	0.04	< 10	< 10	27	< 10	34
LSG 3+00W	201	298	< 1	< 0.01	6	400	10	< 5	2	12	0.03	< 10	< 10	26	< 10	34
LSG 3+25W	201	298	< 1	< 0.01	1	80	18	< 5	1	6	< 0.01	< 10	< 10	8	< 10	12
LSG 3+50W	201	298	< 1	< 0.01	5	140	12	< 5	1	7	0.02	< 10	< 10	16	< 10	18
LSG 3+75W	201	298	< 1	< 0.01	3	60	18	< 5	1	8	0.01	< 10	< 10	11	< 10	14
LSG 4+00W	201	298	< 1	< 0.01	8	110	14	< 5	3	11	0.04	< 10	< 10	25	< 10	26
LSG 4+25W	201	298	< 1	< 0.01	9	70	18	< 5	2	9	0.04	< 10	< 10	23	< 10	28
LSG 4+50W	201	298	< 1	< 0.01	7	70	6	< 5	2	12	0.04	< 10	< 10	24	< 10	28
LSG 4+75W	201	298	< 1	< 0.01	1	40	14	< 5	1	13	0.01	< 10	< 10	8	< 10	14
LSG 5+00W	201	298	< 1	< 0.01	12	90	16	< 5	5	16	0.06	< 10	< 10	46	< 10	44
LSG 5+25W	201	298	< 1	< 0.01	5	80	22	< 5	1	8	0.02	< 10	< 10	20	< 10	22
LSG 5+50W	201	298	< 1	< 0.01	2	80	6	< 5	1	5	0.01	< 10	< 10	13	< 10	22
LSG 5+75W	201	298	< 1	< 0.01	5	50	2	< 5	3	17	0.05	< 10	< 10	15	< 10	30
LSG 6+00W	201	298	< 1	< 0.01	3	60	6	< 5	2	16	0.05	< 10	< 10	17	< 10	24
LSG 6+25W	201	298	< 1	< 0.01	5	180	12	< 5	2	11	0.04	< 10	< 10	25	< 10	32
91TR06-01	201	298	1	0.01	25	650	< 2	< 5	5	41	0.08	< 10	< 10	44	< 10	92
91TR12-01	201	298	1	< 0.01	13	530	6	< 5	2	22	0.05	< 10	< 10	38	< 10	42
91TR13-01	201	298	< 1	< 0.01	10	460	22	< 5	2	18	0.05	< 10	< 10	26	< 10	40
91TR13-02	201	298	< 1	< 0.01	13	440	14	< 5	3	22	0.06	< 10	< 10	36	< 10	56

CERTIFICATION:

B. Coughlin



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To: HASTINGS MANAGEMENT CORP.

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Project: SKOOKUM

Comments: CC: ART TROUP

Page Number :1

Total Pages :1

Certificate Date: 23-OCT-91

Invoice No. :19123368

P.O. Number :

CERTIFICATE OF ANALYSIS

A9123368

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Bi ppm	Cu ppm	Hg ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm
LSG 0+00S	201 --	< 5	1.15	18.5	0.2	15.5	< 0.1	2.0	23	3.6	73
LSG 0+25S	201 --	< 5	0.50	47.0	0.4	26.0	< 0.1	3.5	19	2.4	80
LSG 0+50S	201 --	< 5	0.55	43.5	0.4	22.0	< 0.1	4.0	21	0.4	106
LSG 0+75S	201 --	< 5	0.20	19.5	0.4	19.0	< 0.1	1.0	19	0.2	91
LSG 1+00S	201 --	5	0.35	27.5	0.2	15.5	< 0.1	1.0	11	< 0.2	143
LSG 1+25S	201 --	< 5	0.25	46.5	0.4	29.0	< 0.1	2.0	14	0.4	126
LSG 1+50S	201 --	< 5	0.10	14.0	0.4	13.0	< 0.1	1.0	20	0.4	74
LSG 1+75S	201 --	< 5	0.05	7.5	0.2	14.0	< 0.1	0.5	8	0.4	61
LSG 2+00S	201 --	< 5	0.15	13.0	0.2	15.5	< 0.1	0.5	11	< 0.2	78
LSG 2+25S	201 --	< 5	0.15	36.0	0.2	23.5	< 0.1	1.0	23	0.2	116
LSG 2+50S	201 --	< 5	0.30	17.5	0.4	28.5	< 0.1	1.0	13	0.6	96
BS50S 5+50S	201 --	< 5	0.10	18.0	0.6	12.5	< 0.1	0.5	12	1.8	73
BS50S 5+75S	201 --	10	0.05	17.5	0.6	10.0	< 0.1	1.0	13	1.0	74
BS50S 6+00S	201 --	< 5	0.20	5.5	0.6	12.0	< 0.1	0.5	19	1.0	72
BS50S 6+25S	201 --	< 5	0.20	11.5	0.6	12.0	< 0.1	0.5	12	< 0.2	100
BS50S 6+50S	201 --	< 5	0.15	8.5	0.4	13.0	< 0.1	0.5	12	< 0.2	80
BS50S 6+75S	201 --	< 5	0.15	10.0	0.8	9.0	< 0.1	0.5	19	< 0.2	53
BS50S 7+00S	201 --	< 5	0.10	16.5	0.4	10.5	< 0.1	0.5	11	0.4	62
BS50S 7+25S	201 --	< 5	0.10	14.0	0.4	9.0	< 0.1	1.0	12	< 0.2	49
BSTR 0+00E	201 --	< 5	0.15	64.0	0.6	17.5	< 0.1	6.5	21	2.0	110
BSTR 0+10E	201 --	< 5	0.25	69.0	< 0.2	31.0	< 0.1	9.5	18	1.4	164
BSTR 0+20E	201 --	< 5	0.25	52.5	< 0.2	31.5	< 0.1	7.0	15	1.0	146
BSTR 0+30E	201 --	< 5	0.80	33.5	< 0.2	41.5	< 0.1	6.5	15	0.2	168
BSTR 0+40E	201 --	< 5	0.25	34.0	< 0.2	31.5	< 0.1	4.5	15	0.2	136

CERTIFICATION:

B. Cough

APPENDIX IV

ROCK CHIP SAMPLES CERTIFICATES OF ANALYSES



Chemex Labs Ltd.

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To: HASTINGS MANAGEMENT CORP.

1000 - 675 W. HASTINGS
VANCOUVER, BC
V6B 1N6

Project : TONY CLAIMS
Comments: CC: SCOTT TOMLINSON

Page Number : 1-A
Total Pages : 1
Certificate Date: 23-JUL-91
Invoice No. : 19118018
P.O. Number :

CERTIFICATE OF ANALYSIS

A9118018

SAMPLE DESCRIPTION	PREP CODE	Au FA Ag ppm oz/T Aqua R	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
517551	207 294	< 0.003 0.2	1.02	125	70	< 0.5	< 2	0.05	< 0.5	12	33	393	>15.00	10	< 1	0.06	10	0.03	155
517552	207 294	< 0.003 < 0.2	0.55	< 5	20	< 0.5	< 2	0.01	< 0.5	5	33	41	2.61	< 10	< 1	0.01	< 10	0.18	250
517553	207 294	< 0.003 0.2	0.23	5	10	< 0.5	2	0.01	< 0.5	9	345	9	1.22	< 10	< 1	< 0.01	< 10	0.21	55
517554	207 294	0.008 < 0.2	0.17	< 5	60	< 0.5	8	>15.00	5.0	8	198	16	1.30	40	< 1	< 0.01	20	7.68	600
517555	207 294	0.004 < 0.2	0.41	5	160	< 0.5	2	>15.00	1.0	10	359	18	1.18	50	< 1	0.13	20	0.91	620
517556	207 294	< 0.003 < 0.2	0.05	< 5	570	0.5	< 2	>15.00	< 0.5	2	20	3	1.14	40	< 1	< 0.01	10	9.80	455

CERTIFICATION:

B. Coughlin



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Project : TONY CLAIMS
Comments: CC: SCOTT TOMLINSON

Page Number : 1-B
Total Pages : 1
Certificate Date: 23-JUL-91
Invoice No. : I9118018
P.O. Number :

CERTIFICATE OF ANALYSIS

A9118018

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
517551	207 294	35	< 0.01	116	3890	36	10	4	9	< 0.01	< 10	< 10	522	< 50	638
517552	207 294	2	< 0.01	12	300	2	< 5	1	2	< 0.01	< 10	< 10	18	< 10	22
517553	207 294	< 1	< 0.01	147	110	6	< 5	2	1	< 0.01	< 10	< 10	7	< 10	24
517554	207 294	< 1	0.01	66	1510	2	< 5	2	149	< 0.01	< 10	< 10	17	30	34
517555	207 294	< 1	0.01	70	6070	4	< 5	4	294	< 0.01	< 10	< 10	19	20	36
517556	207 294	2	0.01	14	20	22	< 5	< 1	149	< 0.01	< 10	< 10	12	30	10

CERTIFICATION:

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To: HASTINGS MANAGEMENT CORP.

1000 - 675 W. HASTINGS

VANCOUVER, BC

V6B 1N6

Project : TOP CLAIMS

Comments: CC: SCOTT TOMLINSON

Page Number : 1-A

Total Pages : 1

Certificate Date: 22-JUL-91

Invoice No. : 19118020

P.O. Number :

CERTIFICATE OF ANALYSIS

A9118020

SAMPLE DESCRIPTION	PREP CODE	Au FA oz/T	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
91 ST 01	207 294	< 0.003	0.4	0.14	< 5	50	< 0.5	2	0.09	< 0.5	1	34	27	1.22	< 10	< 1	0.07	< 10	0.06	225
91 ST 02	207 294	< 0.003	0.4	0.41	10	20	< 0.5	< 2	0.01	< 0.5	< 1	15	45	1.50	< 10	< 1	0.17	< 10	0.02	95

CERTIFICATION:

B. Coughlin



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Project : TOP CLAIMS
Comments: CC: SCOTT TOMLINSON

Page Number : 1-B
Total Pages : 1
Certificate Date: 22-JUL-91
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P.O. Number :

CERTIFICATE OF ANALYSIS

A9118020

SAMPLE DESCRIPTION	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
91 ST 01	207	294	2	< 0.01	13	140	172	< 5	< 1	5	0.01	< 10	< 10	2	< 10	76
91 ST 02	207	294	4	0.04	5	70	74	< 5	< 1	2	< 0.01	< 10	< 10	2	< 10	84

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To: HASTINGS MANAGEMENT CORP.

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Project: JODY EAST
Comments: CC: SCOTT TOMLINSON

Page Number : 1-A
Total Pages : 1
Certificate Date: 19-SEP-91
Invoice No. : 19121633
P.O. Number :

CERTIFICATE OF ANALYSIS

A9121633

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
39924	212 294	< 5	< 0.2	0.41	10	250	< 0.5	< 2	0.04	< 0.5	1	13	15	1.21	< 10	< 1	0.23	20	0.12	195
39925	212 294	10	0.6	0.33	< 5	830	< 0.5	< 2	0.03	< 0.5	1	17	17	1.56	< 10	< 1	0.17	20	0.03	165
39926	212 294	85	0.2	0.67	10	1000	< 0.5	< 2	0.05	0.5	1	16	17	1.07	< 10	1	0.37	30	0.07	115
39927	212 294	20	0.2	0.60	5	150	< 0.5	< 2	0.04	< 0.5	1	14	23	1.15	< 10	1	0.27	10	0.04	75
39928	212 294	200	< 0.2	0.91	< 5	1050	< 0.5	< 2	0.07	0.5	4	15	17	2.35	< 10	< 1	0.24	40	0.19	245
39929	212 294	< 5	< 0.2	1.22	< 5	790	< 0.5	< 2	0.02	< 0.5	2	7	11	1.24	< 10	< 1	0.63	10	0.11	80
39930	212 294	< 5	< 0.2	0.94	10	560	< 0.5	< 2	0.13	< 0.5	2	10	6	2.05	< 10	< 1	0.43	40	0.25	170
39931	212 294	< 5	< 0.2	1.31	< 5	590	< 0.5	< 2	0.14	< 0.5	3	9	6	2.68	< 10	< 1	0.48	50	0.16	210
39932	212 294	< 5	< 0.2	1.06	< 5	540	< 0.5	< 2	0.01	< 0.5	1	9	8	2.44	< 10	< 1	0.55	< 10	0.07	70
39933	212 294	< 5	< 0.2	1.45	< 5	790	< 0.5	< 2	0.03	< 0.5	3	12	12	1.41	< 10	< 1	0.67	70	0.29	305
39934	212 294	< 5	< 0.2	1.47	< 5	540	< 0.5	< 2	0.10	0.5	2	5	8	1.85	< 10	< 1	0.68	40	0.21	255
39935	212 294	55	< 0.2	0.72	< 5	830	< 0.5	< 2	0.03	< 0.5	1	14	13	1.79	< 10	1	0.42	40	0.33	125
39936	212 294	< 5	0.2	1.82	15	800	< 0.5	< 2	0.04	< 0.5	2	11	19	1.84	< 10	< 1	0.53	40	0.58	255
39937	212 294	< 5	< 0.2	1.58	10	580	< 0.5	< 2	0.05	< 0.5	1	5	14	1.98	< 10	< 1	0.53	10	0.52	195
39938	212 294	95	< 0.2	0.97	5	610	< 0.5	< 2	0.02	< 0.5	1	11	12	1.42	< 10	< 1	0.50	10	0.29	110
39939	212 294	15	< 0.2	1.35	5	990	< 0.5	< 2	0.01	< 0.5	< 1	6	19	1.04	< 10	< 1	0.88	< 10	0.20	60
39940	212 294	30	< 0.2	0.65	< 5	500	< 0.5	< 2	0.01	< 0.5	1	12	12	1.58	< 10	< 1	0.33	10	0.15	85
39941	212 294	< 5	< 0.2	0.58	< 5	680	< 0.5	< 2	0.01	< 0.5	< 1	14	11	1.51	< 10	< 1	0.39	20	0.13	70
39942	212 294	< 5	< 0.2	0.57	< 5	1170	< 0.5	< 2	0.01	< 0.5	< 1	13	11	1.04	< 10	1	0.45	10	0.05	50

CERTIFICATION:

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Project: JODY EAST
Comments: CC: SCOTT TOMLINSON

Page Number : 1-B
Total Pages : 1
Certificate Date: 19-SEP-91
Invoice No. : 19121633
P.O. Number :

CERTIFICATE OF ANALYSIS

A9121633

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
39924	212 294	1	0.01	6	90	38	< 5	< 1	12	< 0.01	< 10	< 10	1	< 10	30
39925	212 294	11	< 0.01	12	90	44	< 5	1	11	< 0.01	< 10	< 10	3	< 10	62
39926	212 294	2	0.01	7	90	24	< 5	< 1	13	< 0.01	< 10	< 10	2	< 10	88
39927	212 294	9	< 0.01	8	20	44	< 5	< 1	4	< 0.01	< 10	< 10	2	< 10	56
39928	212 294	1	0.03	10	100	8	< 5	3	13	< 0.01	< 10	< 10	11	< 10	28
39929	212 294	< 1	0.01	5	30	10	< 5	2	5	< 0.01	< 10	< 10	1	< 10	20
39930	212 294	1	0.02	4	70	8	< 5	2	11	0.01	< 10	< 10	1	< 10	12
39931	212 294	2	0.02	2	30	14	< 5	2	13	< 0.01	< 10	< 10	< 1	< 10	18
39932	212 294	1	0.03	4	50	20	< 5	2	7	< 0.01	< 10	< 10	1	< 10	20
39933	212 294	1	0.02	7	70	2	< 5	1	6	0.01	< 10	< 10	1	< 10	64
39934	212 294	1	0.04	4	10	14	< 5	2	10	< 0.01	< 10	< 10	1	< 10	18
39935	212 294	4	0.02	7	140	6	< 5	1	26	0.04	< 10	< 10	2	< 10	42
39936	212 294	2	0.01	7	90	28	< 5	1	9	< 0.01	< 10	< 10	2	< 10	140
39937	212 294	2	0.02	5	30	20	< 5	1	8	< 0.01	< 10	< 10	1	< 10	28
39938	212 294	2	0.02	5	70	10	< 5	2	7	0.01	< 10	< 10	1	< 10	42
39939	212 294	< 1	0.04	2	50	18	< 5	1	10	< 0.01	< 10	< 10	3	< 10	28
39940	212 294	3	0.02	5	60	84	< 5	1	6	< 0.01	< 10	< 10	< 1	< 10	46
39941	212 294	2	0.03	6	60	22	< 5	< 1	12	< 0.01	< 10	< 10	< 1	< 10	22
39942	212 294	18	0.02	5	30	24	< 5	< 1	18	< 0.01	< 10	< 10	< 1	< 10	10

CERTIFICATION:

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Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: HASTINGS MANAGEMENT CORP.

1000 - 675 W. HASTINGS
VANCOUVER, BC
V6B 1N6

Project : GULF
Comments: CC: SCOTT TOMLINSON

Page Number : 1-B
Total Pages : 1
Certificate Date: 12-AUG-91
Invoice No. : 19119101
P.O. Number :

CERTIFICATE OF ANALYSIS

A9119101

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
39858	207 294	1	0.03	< 1	60	6	< 5	1	9 < 0.01	< 10	< 10	2	< 10	8	
39859	207 294	< 1	0.02	1	40	< 2	< 5	1	3 < 0.01	< 10	< 10	2	< 10	4	
39860	207 294	1	0.03	2	110	4	< 5	2	9 < 0.01	< 10	< 10	2	< 10	10	
39861	207 294	2	0.02	3	30	< 2	5	2	15 < 0.01	< 10	< 10	3	< 10	2	
39862	207 294	2	0.02	3	20	4	< 5	3	11 < 0.01	< 10	< 10	2	< 10	2	
39863	207 294	1	0.02	< 1	80	6	< 5	1	2 < 0.01	< 10	< 10	2	< 10	2	
39864	207 294	1	< 0.01	2	10	4	< 5	< 1	1 < 0.01	< 10	< 10	1	< 10	< 2	
39865	207 294	1	0.02	3	20	< 2	< 5	< 1	1 < 0.01	< 10	< 10	1	< 10	2	
39899	207 294	2	< 0.01	4	30	4	< 5	< 1	< 1 < 0.01	< 10	< 10	< 1	< 10	2	
39900	207 294	2	< 0.01	4	30	< 2	< 5	< 1	< 1 < 0.01	< 10	< 10	< 1	< 10	< 2	

CERTIFICATION:

B. Coughlin



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To: HASTINGS MANAGEMENT CORP.

1000 - 675 W. HASTINGS
VANCOUVER, BC
V6B 1N6

Project: HL/WIN
Comments: CC: SCOTT TOMLINSON

Page Number : 1-A
Total Pages : 1
Certificate Date: 09-OCT-91
Invoice No. : 19122583
P.O. Number :

CERTIFICATE OF ANALYSIS

A9122583

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	As ppm	Ba ppm	Bi ppm	Cd ppm	Cu ppm	Fe %	Ga ppm	Hg ppm
39945	212	294	< 5	0.15	1.5	1040	< 0.2	< 0.1	3.5	1.19	17	< 0.1
39946	212	294	< 5	1.05	1.0	2040	< 0.2	< 0.1	3.0	1.29	19	< 0.1
39947	212	294	765	93.5	3.0	2060	< 0.2	< 0.1	2.5	1.08	18	< 0.1
39948	212	294	< 5	1.40	3.5	2000	< 0.2	< 0.1	1.5	1.26	19	< 0.1
39949	212	294	< 5	0.30	1.0	3060	< 0.2	0.4	2.5	1.28	19	< 0.1
39950	212	294	< 5	0.80	6.5	1070	< 0.2	< 0.1	3.5	1.83	21	< 0.1
39951	212	294	10	4.00	1.0	3390	0.2	< 0.1	3.0	0.95	14	< 0.1
39952	212	294	< 5	0.90	3.0	2380	0.2	< 0.1	3.0	1.16	12	< 0.1
39953	212	294	< 5	0.55	2.0	1530	< 0.2	< 0.1	2.0	0.34	15	< 0.1
39954	212	294	< 5	0.40	1.5	3100	< 0.2	< 0.1	1.0	0.33	18	< 0.1
39955	212	294	< 5	2.70	1.5	2040	< 0.2	< 0.1	1.5	0.74	18	< 0.1
39956	212	294	< 5	0.30	1.5	2340	< 0.2	0.6	6.5	2.53	17	< 0.1
39957	212	294	< 5	0.15	3.5	2240	< 0.2	< 0.1	2.0	1.29	19	< 0.1
39958	212	294	< 5	0.15	2.5	2410	< 0.2	< 0.1	1.5	1.52	20	< 0.1

CERTIFICATION:

B. Coughlin



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Project : HL/WIN
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Page Number : 1-B
Total Pages : 1
Certificate Date: 09-OCT-91
Invoice No. : 19122583
P.O. Number :

CERTIFICATE OF ANALYSIS A9122583

SAMPLE	PREP CODE		La ppm	Mn ppm	Mo ppm	Pb ppm	Sb ppm	Sr ppm	Tl ppm	V ppm	W ppm	Zn ppm
39945	212	294	< 10	70	7.0	29	< 0.2	26	< 0.5	30	10	4
39946	212	294	< 10	105	2.5	15	< 0.2	24	2.0	21	< 10	5
39947	212	294	< 10	80	4.0	138	4.4	19	2.0	21	20	9
39948	212	294	< 10	140	1.5	13	< 0.2	24	1.0	29	10	8
39949	212	294	10	770	< 0.5	6	< 0.2	26	0.5	3	< 10	23
39950	212	294	< 10	275	1.0	11	< 0.2	22	1.0	30	10	7
39951	212	294	< 10	105	1.5	81	0.4	63	0.5	16	< 10	6
39952	212	294	< 10	85	4.0	14	1.6	39	< 0.5	33	< 10	3
39953	212	294	< 10	60	7.5	10	3.8	17	2.5	71	< 10	3
39954	212	294	< 10	80	18.0	16	3.2	47	1.5	37	< 10	3
39955	212	294	< 10	60	4.0	21	< 0.2	24	< 0.5	36	< 10	4
39956	212	294	< 10	940	0.5	16	< 0.2	46	2.5	25	20	82
39957	212	294	< 10	80	2.0	19	< 0.2	30	< 0.5	28	< 10	6
39958	212	294	< 10	210	2.0	14	< 0.2	39	< 0.5	31	10	7

CERTIFICATION: *B. Campbell*

APPENDIX V

TRENCH SAMPLES CERTIFICATES OF ANALYSES



Chemex Labs Ltd.

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To: HASTINGS MANAGEMENT CORP.

1000 - 675 W. HASTINGS

VANCOUVER, BC

V6B 1N6

Project: SKOOKUM

Comments: CC: SCOTT TOMLINSON

Page Number: 1-A

Total Pages: 1

Certificate Date: 20-SEP-91

Invoice No.: 19121638

P.O. Number:

CERTIFICATE OF ANALYSIS

A9121638

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
LSG 0+00W	201 298	< 5	< 0.2	0.76	5	220	< 0.5	< 2	0.08	< 0.5	3	11	9	0.99	< 10	< 1	0.08	10	0.26	65
LSG 0+50W	201 298	< 5	0.4	2.20	35	250	< 0.5	< 2	0.28	0.5	11	82	33	2.95	< 10	< 1	0.06	30	1.65	195
LSG 1+00W	201 298	< 5	< 0.2	1.04	< 5	350	< 0.5	< 2	0.16	0.5	5	15	12	1.60	< 10	< 1	0.11	10	0.31	90
LSG 1+50W	201 298	60	< 0.2	1.56	< 5	390	< 0.5	2	0.22	0.5	6	26	16	2.36	< 10	< 1	0.08	10	0.43	235
LSG 2+00W	201 298	< 5	< 0.2	1.76	15	510	< 0.5	< 2	0.55	< 0.5	11	31	36	2.73	< 10	1	0.09	20	0.51	375
LSG 2+25W	201 298	< 5	< 0.2	1.57	10	390	< 0.5	< 2	0.41	0.5	6	21	20	2.06	< 10	< 1	0.09	10	0.32	160
LSG 2+50W	201 298	< 5	< 0.2	1.09	35	320	< 0.5	< 2	0.15	< 0.5	2	13	10	1.38	< 10	1	0.15	20	0.20	85
LSG 2+75W	201 298	< 5	< 0.2	1.03	40	300	< 0.5	< 2	0.17	< 0.5	2	16	13	1.48	< 10	< 1	0.18	30	0.27	85
LSG 3+00W	201 298	< 5	< 0.2	0.94	5	220	< 0.5	< 2	0.15	0.5	3	15	9	1.41	< 10	< 1	0.10	20	0.27	85
LSG 3+25W	201 298	< 5	< 0.2	0.43	145	180	< 0.5	< 2	0.03	< 0.5	1	5	4	0.66	< 10	< 1	0.11	10	0.07	30
LSG 3+50W	201 298	< 5	< 0.2	0.69	5	130	< 0.5	< 2	0.08	< 0.5	2	9	6	0.97	< 10	2	0.06	10	0.17	45
LSG 3+75W	201 298	< 5	< 0.2	0.51	5	240	< 0.5	< 2	0.07	< 0.5	2	7	5	0.71	< 10	1	0.08	20	0.11	30
LSG 4+00W	201 298	< 5	< 0.2	1.01	< 5	180	< 0.5	< 2	0.09	0.5	3	17	11	1.37	< 10	1	0.09	30	0.25	85
LSG 4+25W	201 298	< 5	< 0.2	1.12	15	180	< 0.5	< 2	0.08	< 0.5	3	16	10	1.24	< 10	1	0.12	20	0.23	85
LSG 4+50W	201 298	< 5	< 0.2	1.07	10	180	< 0.5	< 2	0.09	< 0.5	2	14	7	1.26	< 10	1	0.10	20	0.22	80
LSG 4+75W	201 298	< 5	< 0.2	0.56	15	120	< 0.5	< 2	0.08	< 0.5	< 1	3	3	0.61	< 10	< 1	0.12	10	0.07	20
LSG 5+00W	201 298	< 5	< 0.2	1.63	< 5	350	< 0.5	< 2	0.14	0.5	5	30	16	2.29	< 10	3	0.07	20	0.42	140
LSG 5+25W	201 298	< 5	< 0.2	0.89	< 5	210	< 0.5	< 2	0.07	< 0.5	2	10	5	1.08	< 10	< 1	0.06	10	0.14	55
LSG 5+50W	201 298	< 5	< 0.2	0.65	< 5	180	< 0.5	< 2	0.04	< 0.5	2	7	4	0.86	< 10	< 1	0.07	10	0.09	30
LSG 5+75W	201 298	< 5	< 0.2	1.04	< 5	260	< 0.5	2	0.11	0.5	3	9	6	1.08	< 10	< 1	0.10	< 10	0.18	55
LSG 6+00W	201 298	< 5	< 0.2	0.90	10	220	< 0.5	< 2	0.11	< 0.5	2	10	5	0.94	< 10	1	0.10	< 10	0.17	55
LSG 6+25W	201 298	< 5	< 0.2	0.92	10	170	< 0.5	< 2	0.13	< 0.5	4	15	7	1.30	< 10	< 1	0.06	20	0.26	70
91TR06-01	201 298	< 5	< 0.2	1.87	10	400	< 0.5	2	0.55	0.5	10	28	28	2.76	< 10	< 1	0.07	20	0.70	360
91TR12-01	201 298	10	< 0.2	1.09	< 5	240	< 0.5	< 2	0.30	0.5	5	20	13	1.79	< 10	< 1	0.05	10	0.31	185
91TR13-01	201 298	< 5	0.2	0.77	10	310	< 0.5	< 2	0.24	< 0.5	4	16	11	1.33	< 10	< 1	0.08	40	0.26	110
91TR13-02	201 298	< 5	< 0.2	1.46	15	410	< 0.5	< 2	0.28	< 0.5	7	22	17	1.97	< 10	< 1	0.07	20	0.41	150

CERTIFICATION:

B. Coughlin



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PHONE: 604-984-0221

To: HASTINGS MANAGEMENT CORP.

1000 - 675 W. HASTINGS
VANCOUVER, BC
V6B 1N6

Project : SKOOKUM
Comments: CC: SCOTT TOMLINSON

Page Number : 1-B
Total Pages : 1
Certificate Date: 20-SEP-91
Invoice No. : 19121638
P.O. Number :

CERTIFICATE OF ANALYSIS

A9121638

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
LSG 0+00W	201 298	< 1	< 0.01	6	110	10	< 5	1	7	0.01	< 10	< 10	15	< 10	30
LSG 0+50W	201 298	< 1	< 0.01	38	840	32	< 5	3	18	< 0.01	< 10	< 10	27	< 10	128
LSG 1+00W	201 298	< 1	< 0.01	9	190	8	< 5	2	14	0.03	< 10	< 10	27	< 10	34
LSG 1+50W	201 298	< 1	0.01	15	200	8	< 5	3	20	0.06	< 10	< 10	47	< 10	46
LSG 2+00W	201 298	< 1	0.01	24	610	14	< 5	5	38	0.07	< 10	< 10	52	< 10	68
LSG 2+25W	201 298	< 1	0.01	13	490	12	< 5	3	33	0.04	< 10	< 10	36	< 10	56
LSG 2+50W	201 298	< 1	< 0.01	7	330	10	< 5	2	14	0.02	< 10	< 10	26	< 10	38
LSG 2+75W	201 298	< 1	< 0.01	8	270	28	< 5	3	15	0.04	< 10	< 10	27	< 10	34
LSG 3+00W	201 298	< 1	< 0.01	6	400	10	< 5	2	12	0.03	< 10	< 10	26	< 10	34
LSG 3+25W	201 298	< 1	< 0.01	1	80	18	< 5	1	6	< 0.01	< 10	< 10	8	< 10	12
LSG 3+50W	201 298	< 1	< 0.01	5	140	12	< 5	1	7	0.02	< 10	< 10	16	< 10	18
LSG 3+75W	201 298	< 1	< 0.01	3	60	18	< 5	1	8	0.01	< 10	< 10	11	< 10	14
LSG 4+00W	201 298	< 1	< 0.01	8	110	14	< 5	3	11	0.04	< 10	< 10	25	< 10	26
LSG 4+25W	201 298	< 1	< 0.01	9	70	18	< 5	2	9	0.04	< 10	< 10	23	< 10	28
LSG 4+50W	201 298	< 1	< 0.01	7	70	6	< 5	2	12	0.04	< 10	< 10	24	< 10	28
LSG 4+75W	201 298	< 1	< 0.01	1	40	14	< 5	1	13	0.01	< 10	< 10	8	< 10	14
LSG 5+00W	201 298	< 1	< 0.01	12	90	16	< 5	5	16	0.06	< 10	< 10	46	< 10	44
LSG 5+25W	201 298	< 1	< 0.01	5	80	22	< 5	1	8	0.02	< 10	< 10	20	< 10	22
LSG 5+50W	201 298	< 1	< 0.01	2	80	6	< 5	1	5	0.01	< 10	< 10	13	< 10	22
LSG 5+75W	201 298	< 1	< 0.01	5	50	2	< 5	3	17	0.05	< 10	< 10	15	< 10	30
LSG 6+00W	201 298	< 1	< 0.01	3	60	6	< 5	2	16	0.05	< 10	< 10	17	< 10	24
LSG 6+25W	201 298	< 1	< 0.01	5	180	12	< 5	2	11	0.04	< 10	< 10	25	< 10	32
91TR06-01	201 298	1	0.01	25	650	< 2	< 5	5	41	0.08	< 10	< 10	44	< 10	92
91TR12-01	201 298	1	< 0.01	13	530	6	< 5	2	22	0.05	< 10	< 10	38	< 10	42
91TR13-01	201 298	< 1	< 0.01	10	460	22	< 5	2	18	0.05	< 10	< 10	26	< 10	40
91TR13-02	201 298	< 1	< 0.01	13	440	14	< 5	3	22	0.06	< 10	< 10	36	< 10	56

CERTIFICATION:

B. Coughlin



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To: HASTINGS MANAGEMENT CORP.

1000 - 675 W. HASTINGS
VANCOUVER, BC
V6B 1N6

Project : SKOOKUM
Comments: CC: SCOTT TOMLINSON

Page Number : 1-A
Total Pages : 1
Certificate Date: 20-SEP-91
Invoice No. : I9121639
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CERTIFICATE OF ANALYSIS

A9121639

SAMPLE DESCRIPTION	PREP CODE		Au FA oz/T	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
517557	207	294	0.004	0.6	0.32	5	250	< 0.5	< 2	0.05	< 0.5	2	13	35	1.11	< 10	< 1	0.16	10	0.09	75
39923	207	294	< 0.003	< 0.2	0.18	10	260	< 0.5	< 2	0.01	< 0.5	2	14	20	0.86	< 10	< 1	0.09	< 10	0.01	45
91TR07-01	207	294	< 0.003	0.4	1.85	65	2860	< 0.5	< 2	0.24	1.5	12	43	73	2.91	< 10	< 1	0.36	20	0.60	620
91TR09-01	207	294	< 0.003	0.2	2.09	55	400	< 0.5	< 2	0.21	2.0	19	38	65	4.22	< 10	< 1	0.40	20	1.05	500
91TR09-02	207	294	< 0.003	0.2	1.55	195	460	< 0.5	< 2	0.15	0.5	18	32	58	2.86	< 10	< 1	0.47	20	0.37	360
91TR10-01	207	294	< 0.003	0.2	1.78	90	450	0.5	< 2	0.49	0.5	2	25	40	2.25	10	< 1	0.30	40	0.41	250
91TR10-02	207	294	0.004	< 0.2	1.69	70	480	< 0.5	< 2	0.21	0.5	6	27	32	2.46	< 10	< 1	0.34	20	0.85	300
91TR11-01	207	294	0.020	< 0.2	0.15	5	60	< 0.5	< 2	0.03	< 0.5	1	22	40	1.24	< 10	< 1	0.02	< 10	0.07	105

CERTIFICATION:

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SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
517557	207 294	1	0.03	7	120	36	< 5	1	8	< 0.01	< 10	< 10	1	< 10	28
39923	207 294	1	< 0.01	5	20	28	< 5	< 1	1	< 0.01	< 10	< 10	1	< 10	28
91TR07-01	207 294	8	0.01	44	590	12	< 5	3	42	< 0.01	< 10	< 10	46	< 10	120
91TR09-01	207 294	8	0.01	82	710	28	< 5	4	26	< 0.01	< 10	< 10	49	< 10	192
91TR09-02	207 294	8	< 0.01	26	550	20	< 5	3	35	< 0.01	< 10	< 10	34	< 10	118
91TR10-01	207 294	2	0.01	15	460	40	< 5	4	52	0.02	< 10	< 10	40	< 10	114
91TR10-02	207 294	4	< 0.01	46	410	26	< 5	4	15	< 0.01	< 10	< 10	21	< 10	102
91TR11-01	207 294	2	< 0.01	14	40	6	< 5	< 1	2	< 0.01	< 10	< 10	2	< 10	30

CERTIFICATION:

B. Campbell

Trevor:
Re: Questions about Coal Conference
From: Jane Gaffin; please call at your convenience

May 10, 1993
667-6948

1. How many delegates attended coal conference from Yukon?
2. What was on the conference's agenda? Did anybody talk about coal modules and co-generation?
3. Did you visit Usibelli Coal Mine or the Healy coal project? If not, I assume it was good just to meet and exchange ideas with other engineers, geologists, government people, coal-mine operators and to have a chance to talk with the Yukon contingent.
4. Was the conference good? If so, why? Or was it just informative?
5. What did you learn about coal technology and the ways in which Alaskans are using coal, or planning on using it? Are Alaskans making progress in coal-generation?
6. Was anything on the conference agenda pertinent for Yukon application? If so, what? If not, why not?
7. What about federal and state government coal-mining, environmental and other regulations? Are they more stringent than here? Is the government supportive of coal mining and coal generation?
8. Did you bring back any papers, reports or materials that I can review and return?