| | | | |
|---|---|---|---|
| MAP NO.: 115 O 14 | ASSESSMENT REPORT<br>PROSPECTUS<br>CONFIDENTIAL<br>OPEN FILE | X<br><br>X | DOCUMENT NO: 092690<br>MINING DISTRICT: Dawson<br>TYPE OF WORK: Geology, Geochem., Trenching |

REPORT FILED UNDER: Kangeld Resources Ltd/Arbor Resources Inc.

DATE PERFORMED: May 26-November 6, 1988 DATE FILED: March 6, 1989

LOCATION: LAT.: 63° 57' N AREA: Big Skookum Gulch

LONG.: 139° 12' W VALUE $: 104 863.90

CLAIM NAME & NO.: REEF 62, 69, 78, 80, 91-97
WITH 2-4, 9-12, 16-19, 23-25, 32, 33, 37

WORK DONE BY: P. Grunenberg (Mark Management Ltd)

WORK DONE FOR: Kangeld Resources Ltd/Arbor Resources Inc.

| DATE TO GOOD STANDING: | REMARKS: # 91 DAWSON |
|---|---|
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| | |

092690

DAWSON SYNDICATE (1983) EXPLORATION LIMITED PARTNERSHIP

# GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL, AND TRENCH REPORT for WORK PERFORMED by MARK MANAGEMENT LTD. on the REEF GRID, DAWSON PROPERTY

OFFICE OF THE REGIONAL MANAGER
MINERAL RIGHTS
MAR 13 1989
WHITEHORSE
YUKON TERRITORY

DAWSON MINING DISTRICT
YUKON TERRITORY

NTS 115 O/14 AND 116 B/3

DECEMBER, 1988

P. Grunenberg, B.Sc., F.G.A.C.

RECEIVED
MAR 6 1989
MINING
RECORDERS OFFICE
DAWSON, Y.T.

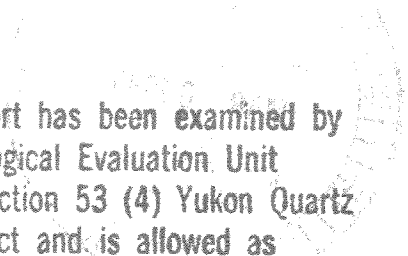
## Claims Worked

REEF claims numbered 62, 69, 78, 80, and 91 - 97;

WITH claims numbered 2 - 4, 9 - 12, 16 - 19, 23 - 25, 32, 33, and 37.

| | |
|---|---|
| WORK PERIOD: | May 26 to November 06 1988 |
| LOCATION: | 63° 57' / 139° 12' |
| OWNER: | William T. Dawson |
| OPERATORS: | Kandgeld Recources and Arbor Resources Inc. |
| PROJECT GEOLOGISTS: | Perry Grunenberg, Mark Management Ltd. |
| CONSULTANT: | A. G. Troup, Archean Engineering. |

092580



This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 104 863.90.

W.H. LeBarge

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

# DAWSON SYNDICATE (1983) EXPLORATION LIMITED PARTNERSHIP

## GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL and TRENCH REPORT on the REEF GRID, DAWSON PROPERTY

DAWSON MINING DISTRICT, YUKON TERRITORY
NTS 115 O/14 AND 116 B/3
63° 57' NORTH LATITUDE: 139° 22' WEST LONGITUDE


## SUMMARY

The **DAWSON SYNDICATE (1983) EXPLORATION LIMITED PARTNERSHIP** Dawson Property is situated four kilometres from Dawson City in the Klondike Mining District, Yukon. The property consists of 1217 quartz claims along Bonanza Creek, Hunker Creek, and the Klondike River. The claims were staked adjacent to some of the most productive placer gravel deposits in the Klondike.

The property is underlain by Klondike schist which was considered to be genetically related to the source of gold. The Klondike schists are locally intruded by acidic and basic magmas ranging in age from mid - Cretaceous to late Tertiary. Numerous quartz pods and veins are apparent on the property as evidenced by the number of quartz blocks found on the surface.

The 1988 field programme consisted of geological mapping and prospecting, 11.1 kilometers of magnetometer survey, and the collection of 737 soil samples. This work was carried out over surveyed lines totalling 23 kilometers length.

Results of soil sampling on the REEF grid outlined an extensive zone of anomalous arsenic values, with few anomalous values returned for gold. The anomalous soil values are spacially associated with a broad magnetic low within the grid.

Bulldozer trenching was carried out at 5 different locations within the REEF and WITH claims, where 84 rock samples were obtained. Samples taken from these trenches showed that arsenic values in soil are derived from arsenopyrite bearing meta-rhyolite schists (blocky quartz-feldspar-muscovite schist), which trend roughly east-west across the grid. No significant gold values were encountered.

The relationship of the magnetic depression in bedrock beneath soil arsenic values suggests that hydrothermal alteration of bedrock may have ocurred under the REEF grid. This alteration may be related to Tertiary hydrothermal activity as evidenced along Hunker and Last Chance Creeks, or, to pre-metamorphic hydrothermal activity (Triassic) resulting in a stratabound, schist hosted product.

**The apparent lack of gold in bedrock suggests that deeper sampling may be required. This may be accomplished through diamond or rotary drilling.**

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# DAWSON SYNDICATE (1983) EXPLORATION LIMITED PARTNERSHIP

## GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL and TRENCH REPORT on the REEF GRID, DAWSON PROPERTY DAWSON MINING DISTRICT, YUKON TERRITORY NTS 115 O/14 AND 116 B/3 63° 57' NORTH LATITUDE: 139° 22' WEST LONGITUDE

## 1. INTRODUCTION

The 1988 exploration programme on Dawson Syndicate's claim holdings covered two different areas of the property. The main area of activity was on the REEF and WITH claims. A small portion of Dawson Syndicate's claims near Big Skookum Gulch were covered by an extensive grid surveyed by Mark Management over adjoining properties to the west. This work is covered in a separate report (see Arbor Resources report for 1988, the "Bonanza West" grid).

Work on the REEF and WITH claims began on May 28, 1988, and was completed by October 6. The REEF grid was established to cover an area of low bedrock magnetism discovered during an airborne survey flown during the winter of 1987-1988. This survey was flown by Aerodat of Mississauga, Ontario, utilizing a four frequency electromagnetometer, a high sensitivity cesium vapour magnetometer, a two frequency VLF-EM, and an altimeter, with video recording of the flight path for position control. For further details of this airborne survey please refer to Aerodat report number J8642.

### 1.1 LOCATION AND ACCESS

Dawson City is, and has been since early gold rush days of 1897 and 1898, the principal population and supply centre of northwestern Yukon. Until 1953 it was the territorial capital. It can be reached via the two-lane, mostly paved, Klondike Highway from Whitehorse, a distance of 535 km (333 miles). Dawson City is presently served by scheduled flights of Alkan Air Ltd. from Whitehorse, where connections to Vancouver or Edmonton are available, or, by Air North from Fairbanks where connections to Vancouver and Seattle are available.

The Dawson Syndicate claim group is located four kilometres (2.5 miles) southeast of Dawson City in the Klondike Mining District (**Figure 1**). The REEF and WITH claims are located on the ridge between Bonanza Creek and Hunker Creek Valleys, at the headwaters of Bear Creek (**Figure 2**). Relief is on the order of 427 metres (1400 ft.) with elevations ranging from 610 metres (2000 ft.) to 1037 metres (3400 ft.). Terrestrial coordinates for the center of the claim block are as follows:

63°57' North Latitude
139°12' West Longitude.

Excellent access to all areas of the property is available by well maintained roads along the Klondike River, Bonanza Creek, Hunker Creek, Bear Creek, and Last Chance Creek. Newly constructed four wheel drive roads provide access to the REEF and WITH claims from both Bonanza and Bear Creeks.

# DAWSON SYNDICATE (1983) LTD.

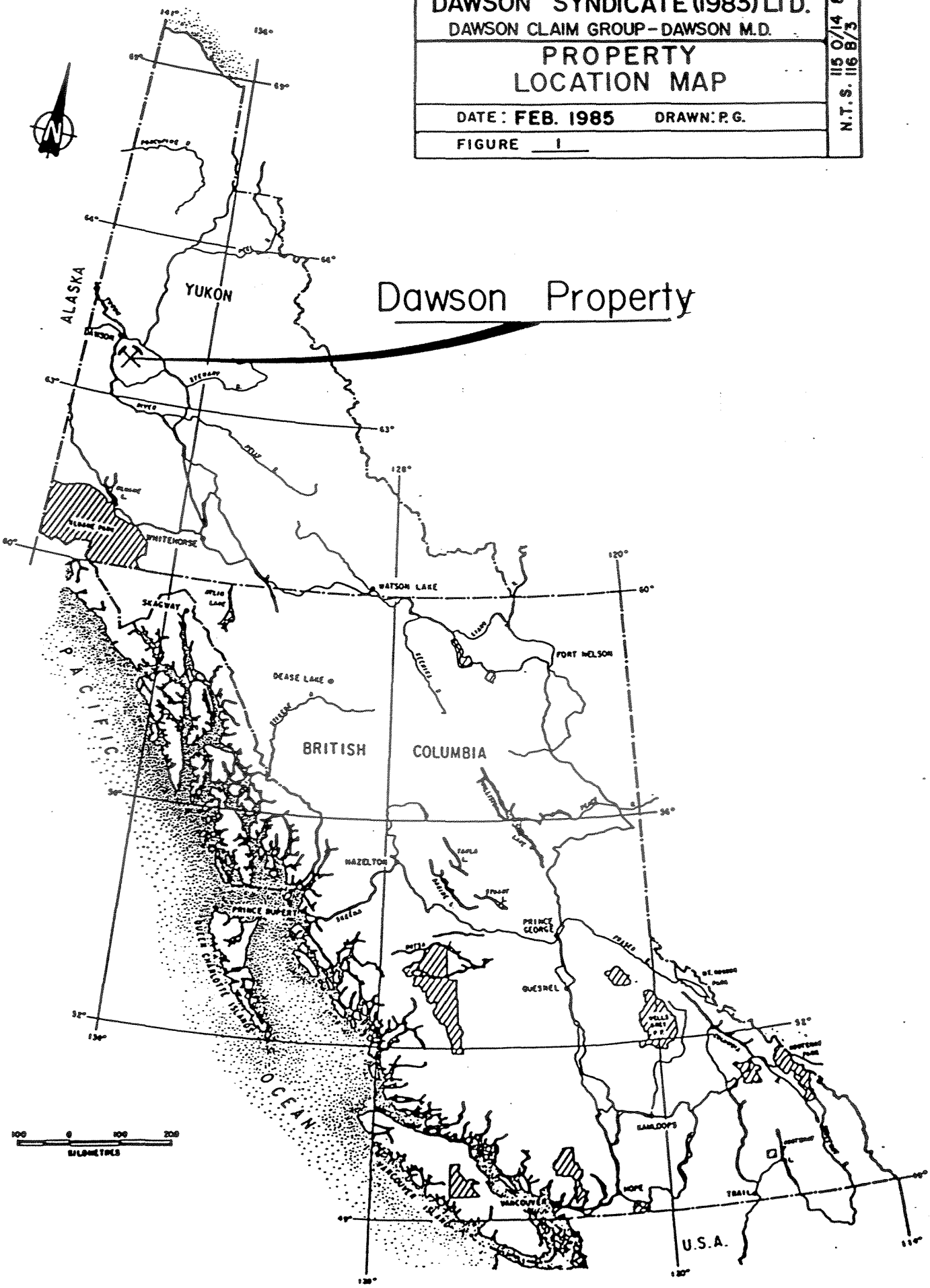
DAWSON CLAIM GROUP - DAWSON M.D.

## PROPERTY LOCATION MAP

DATE: FEB. 1985 DRAWN: P.G.

FIGURE 1

N.T.S. 115 O/14 & 116 B/3



## 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 has been described as a typical example of a thoroughly dissected upland which was elevated at one period in its history 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 of from 150 metres (500 ft.) to 200 metres (700 ft.). 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. 284, 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, amphitheatre- shaped bowls.

Locally within the Klondike region, the drainage is dominated by the northerly flowing Yukon River and its westerly flowing tributaries, the Klondike River on the north and the Indian River on the south. The intervening Klondike area to the east of the Yukon River is a gently rolling, mature, and deeply dissected upland with tributaries to the Klondike and Indian Rivers radiating from a more or less centrally located topographic and drainage high point known as King Solomon Dome, located approximately 32 km (20 miles) southeast of Dawson City.

The Klondike proper occupies an area of approximately 30 by 60 km (18 by 37 miles), its long axis extending southeasterly from Dawson City which is situated at the northwestern apex of the main gold-producing region. Elevations within the Klondike range from 320 metres (1050 ft.) at Dawson City to 1295 metres (4048 ft.) at the top of King Solomon Dome, a span of approximately 915 metres (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, often worn into fantastic shapes, occasionally project above the 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 in.) 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 Dawson Property is located in the Dawson Mining District of northwestern Yukon Territory and consists of 1217 claims. Pertinent claim information including operators of individual claims is listed in Table 1.

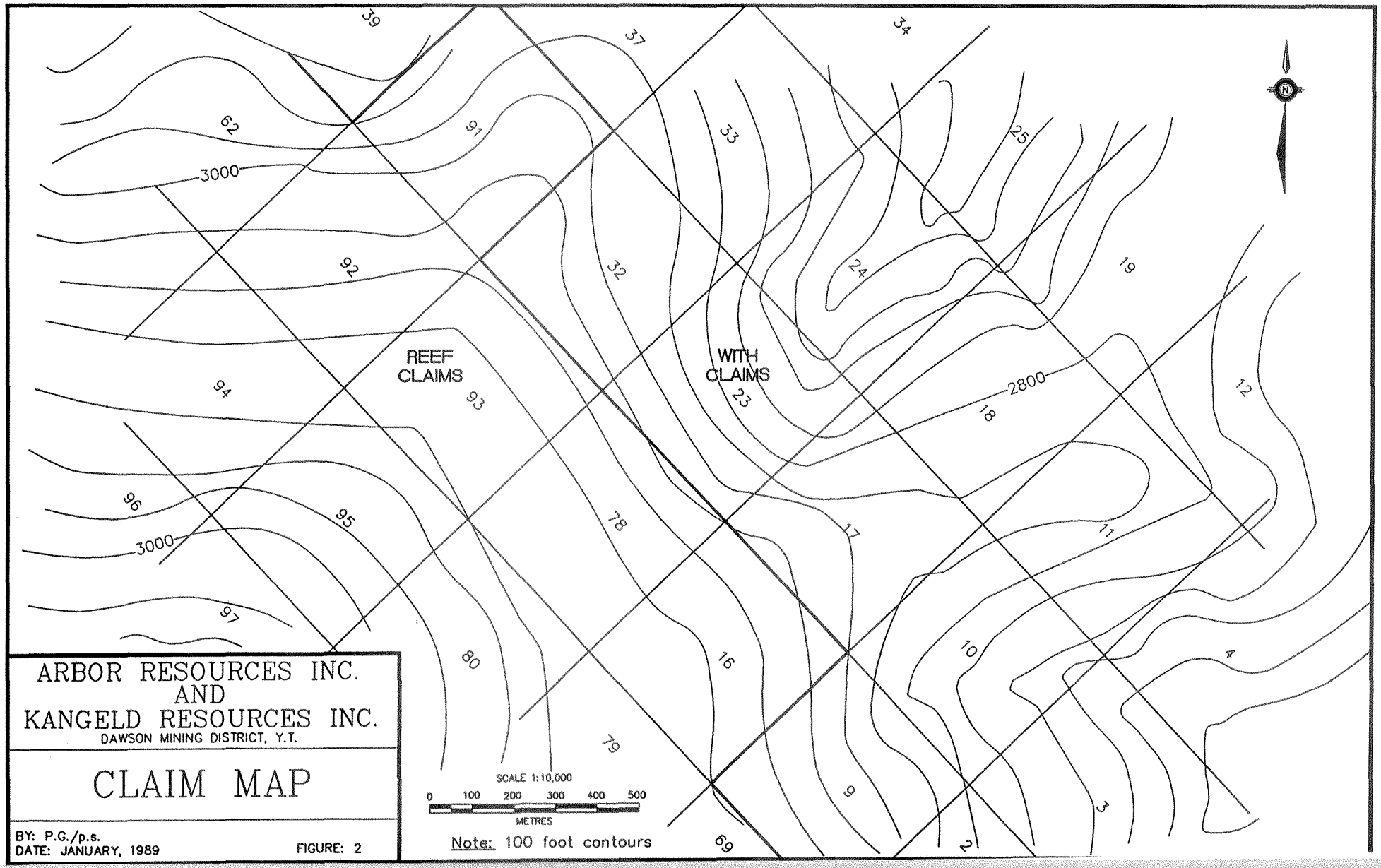
# TABLE I

## COMPLETE LIST OF REGIONAL CLAIMS

| Claims | Grants | Anniversary | Operator |
|---|---|---|---|
| SYNDICATE 1-40 | YA79198-YA79237 | 16 Sep | Arbor Resources |
| SYNDICATE 41-83 | YA79238-YA79280 | 16 Sep | Arbor Resources |
| DAWSON 1-24 | YA79281-YA79304 | 14 Oct | Ebony Gold Corp |
| DAWSON 25-48 | YA79305-YA79328 | 14 Oct | Dawson Syndicate |
| DAWSON 49-96 | YA79329-YA79376 | 14 Oct | Perron Gold Mines |
| WILLIAM 1-8 | YA79377-YA79384 | 18 Oct | Ebony Gold Corp |
| DAWSON 101-124 | YA79385-YA79408 | 21 Oct | Tiburon Petroleum |
| DAWSON 126-132 | YA79409-YA79415 | 21 Oct | Tiburon Petroleum |
| DAWSON 134-140 | YA79416-YA79422 | 21 Oct | Tiburon Petroleum |
| DAWSON 141-180 | YA79423-YA79462 | 21 Oct | Lockwood Petroleum |
| DAWSON 201-237 | YA79463-YA79499 | 21 Oct | Texoro Resources |
| DAWSON 239-243 | YA79500-YA79504 | 21 Oct | Texoro Resources |
| DAWSON 245-248 | YA79505-YA79508 | 21 Oct | Texoro Resources |
| "83" 1-30 | YA79509-YA79538 | 1 Dec | Arbor Resources |
| "83" 31-40 | YA79539-YA79548 | 1 Dec | Dawson Syndicate |
| "98" 1-11 | YA79549-YA79559 | 5 Dec | Dawson Syndicate |
| "98" 12 | YA79560 | 5 Dec | Arbor Resources |
| "98" 13-16 | YA79561-YA79564 | 5 Dec | H-L Corp |
| "98" 17 | YA79565 | 5 Dec | Arbor Resources |
| "98" 18-21 | YA79566-YA79569 | 5 Dec | H-L Corp |
| "98" 22 | YA79570 | 5 Dec | Arbor Resources |
| "98" 23-27 | YA79571-YA79575 | 5 Dec | H-L Corp |
| "98" 28 | YA79576 | 5 Dec | Arbor Resources |
| "98" 29-60 | YA79577-YA79608 | 5 Dec | H-L Corp |
| WILD 1 | YA79609 | 5 Dec | Dawson Syndicate |
| WILD CARD | YA79610 | 5 Dec | Dawson Syndicate |
| CRAZY 1-27 | YA79611-YA79637 | 17 Feb | Eastern Mines |
| SHARON 1-33 | YA79638-YA79670 | 22 Feb | Standard Gold Mines |
| MOON 1-55 | YA79671-YA79725 | 27 Feb | Gallant Gold Mines |
| ALPHA A-P | YA79850-YA79865 | 22 May | Silver Sceptre |
| PAULA 1-4 | YA79866-YA79869 | 22 May | Dawson Syndicate |
| EHYOU 1-10 | YA79870-YA79879 | 22 May | Gallant Gold Mines |
| NIAN 5-6 | YA79915-YA79916 | 15 Jun | Dawson Syndicate |
| NIAN 11-12 | YA79921-YA79922 | 15 Jun | Dawson Syndicate |
| HAWK 1-139 | YA79989-YA80127 | 18 Jun | Arbor Resources |
| KH 1-10 | YA80506-YA80515 | 18 Jun | Arbor Resources |
| BETSY 1-4 | YA80516-YA80519 | 21 Jun | Tiburon Petroleum |
| HAWK 140-154 | YA80797-YA80811 | 22 Jun | Arbor Resources |
| PLINC 1-35 | YA84100-YA84134 | 3 Jul | Dawson Syndicate |
| PLINC 36-68 | YA84135-YA84167 | 9 Jul | Dawson Syndicate |
| FILLER 1-8 | YA84252-YA84259 | 16 Jul | Arbor Resources |
| "98" 1 PLUS | YA84260 | 16 Jul | Dawson Syndicate |
| "98" 3 PLUS | YA84261 | 16 Jul | Dawson Syndicate |
| ALPHA Q-T | YA84286-YA84289 | 24 Jul | Silver Sceptre |
| SHARON 35-39 | YA84291-YA84295 | 24 Jul | Standard Gold Mines |
| PENIBE 1-31 | YA84296-YA84326 | 24 Jul | Silver Sceptre |
| SHARON 40-59 | YA84408-YA84427 | 1 Aug | Standard Gold Mines |

**TABLE 1 Continued**

| Claims | Grants | Anniversary | Operator |
|---|---|---|---|
| ZIP 1-40 | YA84428-YA84467 | 8 Aug | Dawson Syndicate |
| FISH 1-24 | YA84476-YA84499 | 24 Aug | Arbor Resources |
| SNAKE 3-25 | YA84563-YA84585 | 4 Sep | Arbor Resources |
| SNAKE 25A | YA84586 | 4 Sep | Arbor Resources |
| SNAKE 26-46 | YA84587-YA84607 | 4 Sep | Arbor Resources |
| FINIT 1-7 | YA84608-YA84614 | 4 Sep | Arbor Resources |
| CLANCY 1-2 | YA84615-YA84616 | 4 Sep | Arbor Resources |
| 1FORTHEMONEY | YA84617 | 4 Sep | Arbor Resources |
| 2FORTHESHOW | YA84618 | 4 Sep | Arbor Resources |
| 3TOGETREADY | YA84619 | 4 Sep | Arbor Resources |
| LAUREL | YA84620 | 4 Sep | Arbor Resources |
| HARDY | YA84621 | 4 Sep | Arbor Resources |
| GROUCHO | YA84622 | 4 Sep | Arbor Resources |
| CHICO | YA84623 | 4 Sep | Arbor Resources |
| HARPO | YA84624 | 4 Sep | Arbor Resources |
| ZEPPO | YA84625 | 4 Sep | Arbor Resources |
| COMET 1-42 | YA87834-YA87873 | 13 Feb | Arbor Resources |
| LADY 1-22 | YA88034-YA88055 | 11 Jun | Eastern Mines |
| SURY 1-31 | YA88123-YA88153 | 12 Aug | Cream Silver |
| Q 1-5 | YA88185-YA88189 | 25 Aug | Arbor Resources |
| NUGGET 1-10 | YA88228-YA88237 | 14 Oct | Arbor Resources |
| REEF 1-107 | YA88289-YA88395 | 31 Oct | Dawson Syndicate |
| REEF 191-197 | YA88396-YA88402 | 31 Oct | Dawson Syndicate |




ARBOR RESOURCES INC.
AND
KANGELD RESOURCES INC.
DAWSON MINING DISTRICT, Y.T.

# CLAIM MAP

BY: P.G./p.s.
DATE: JANUARY, 1989

FIGURE: 2

Note: 100 foot contours

## 1.4 HISTORY AND PREVIOUS PRODUCTION

The colourful history of discovery, development, and subsequent mining of placer gold in the Klondike has been documented by many authors and historians and is therefore treated only briefly herein.

The earliest reported discovery of gold dates to the mid-1800's, but not until the phenomenally rich "Klondike Discovery" in 1896 on Bonanza Creek and the subsequent gold rush of 1897-98, was much interest paid to the area. Gold production from the Western Cordillera of Canada to the end of 1978 totals 35 million ounces, of which over 11 million ounces were produced from the Klondike.

The mining history of the Klondike can be divided into four overlapping periods: 1) hand and primitive mining, 2) dredging, 3) dormant, and 4) renewed activity.

Hand and primitive mining methods lasted about nine years (1896 to 1905) and were undertaken usually by individuals or small groups. Production through these early years was estimated by McConnell in 1905 to have been over 5.5 million ounces; this production was primarily by shaft sinking and drifting along bedrock or by open-cut mining. When water was available and the topography allowed the use of hydraulicking operations, good results were possible.

The first dredge was introduced in 1903, and although there were some non-production years during the start of this period, the last dredging operation ceased production in 1966. During the more than 60 years of dredging over 400 million yards of creek and river gravels were treated and more than 5.5 million ounces of gold recovered.

Dredging operations began to decline in the late 1950's and ended in 1966 initiating the 10 to 12 year dormant period. During this time only a few hardy individuals worked their claims on a part-time basis.

In 1977, interest and activity resumed with the increase in the price of gold. Today the area is swarming with activity, and many operators have introduced the largest earth moving equipment available. For five months a year the area is alive with small and medium-sized operations re-working or re-examining the area.

## 1.5 PREVIOUS WORK

No available information was found to indicate that this area had ever been previously staked for its lode potential.

During the 1984 field season, Dawson Syndicate Ltd. completed a regional heavy mineral concentrate and stream sediment sampling survey of all streams of the Bonanza - Klondike - Hunker creek drainage system. Results of this survey showed that sediments of Last Chance and Bear Creeks were highly anomalous for arsenic and gold. Arsenic values appeared continuous through to the headwaters of each of these creeks.

During the winter of 1986-1987 a regional airborne geophysical survey was flown over the Dawson claim group. Results of this survey showed that a broad area of low magnetism in bedrock was present within the ridge between Upper Bonanza Creek and the headwaters of Bear and Last Chance Creeks.

The presence of high arsenic values which were coincidental with low magnetism in bedrock appeared to indicate hydrothermal alteration of bedrock. This information eventually led to the staking of the REEF and WITH claims.

## 1.6 WORK COMPLETED DURING THE 1988 FIELD SEASON

The 1988 field season began with the construction of approximately 8 kilometers of road to allow access to the property from either Bear Creek to the north, or from near Grand Forks on the Upper Bonanza road.

A 2.7 kilometer compass and hip chain base line was established. This line was surveyed east to west to approximate the center of the magnetometer low trend as detected from the airborne survey. From this base line a total of 23 kilometers of cross lines were surveyed, using a line separation of 100 meters, and station separations of 25 meters.

A total of 11.1 kilometers of magnetometer survey was conducted on the grid in order to further define the location of the magnetometer low on the ground.

A total of 737 "B" horizon soil samples were taken on the grid using 50 meter sample spacings.

Results of the soil sampling led to the excavation of 5 bulldozer trenches where 84 samples of bedrock were obtained.

# 2.0 GEOLOGY

## 2.1 GENERAL GEOLOGY

The Klondike district was first mapped by Bostock (1942), and more recently by Metcalfe (1981) and Debicki (1985 and 1984). 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, the Carmacks Suite, and early to late Tertiary volcanics/volcanoclastics and intrusives.

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 suggest that the Nasina Series pre-dates the Klondike Series, thus, an age of formation in the late Carboniferous to mid - Permian is likely.

Most rocks exposed in the Klondike district predominently 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 layed arkosic sediments and rhyolitic to andesitic tuffs derived from a succession of strato-volcaniclastic venting. The minimum estimated age of formation of the Klondike Series lies within the middle Permian. The Klondike formation has a comformable basal contact with the structurally underlaying rocks of the Nasina Series (Metcalfe), 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 which does not appear as highly metamorphosed as the Klondike schists. 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 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).

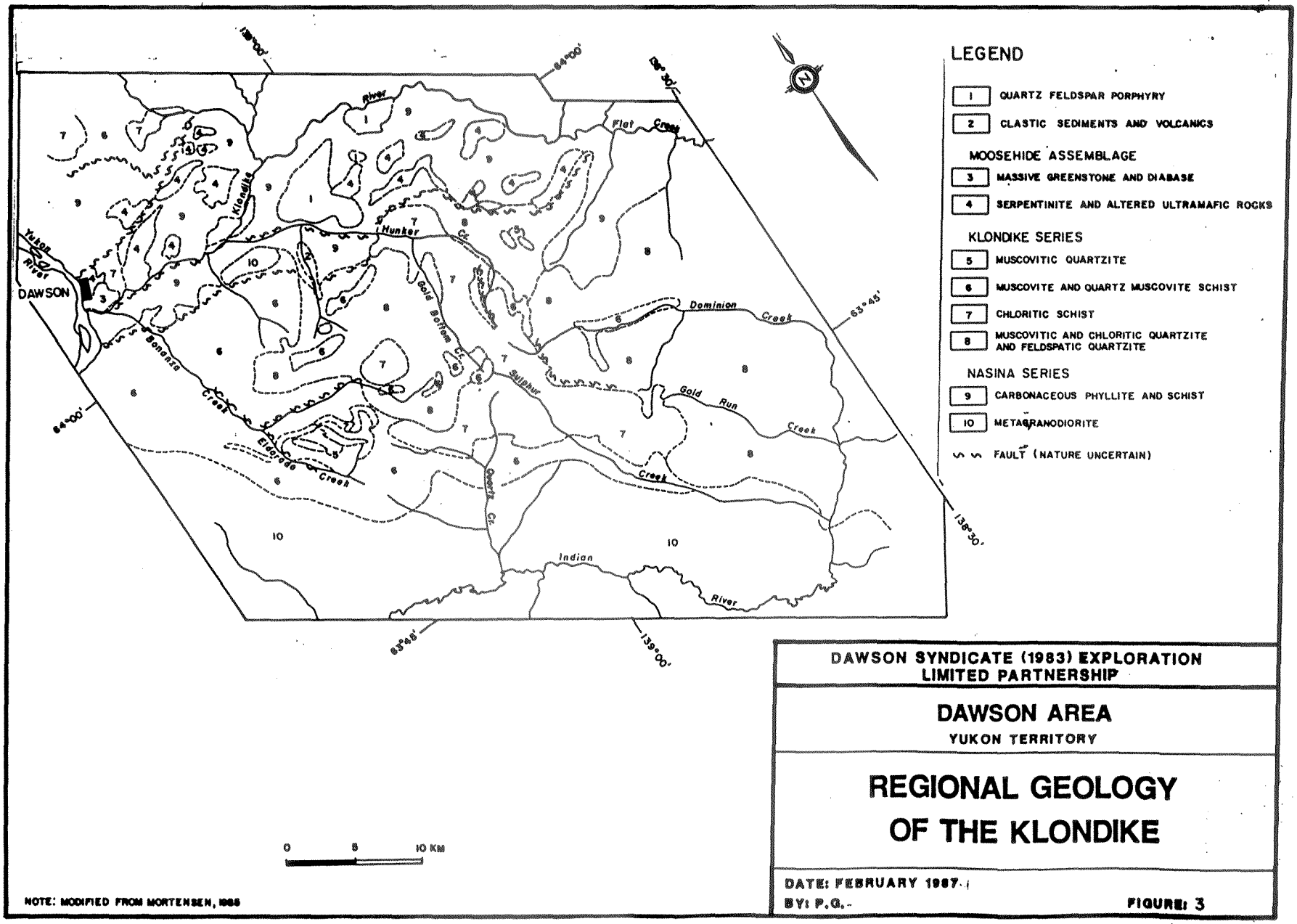
Structurally overlying rocks of the Klondike and Nasina series are occurences of greenstone and altered ultramafics belonging to the Moosehide Assemblage. Included in the ultramafic unit are a great variety of rock types including massive, partially serpentinized peridotite (harzburgite), massive to sheared serpentinite, silica-carbonate altered serpentinite (listwaenite), 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. Occurences 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.

Intrusive rocks are present as numerous dykes and sills ranging in nature from diabase to rhyolite. 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.

**Figure 3** is a generalized geologic map of the Klondike region showing the approximate distribution of the Klondike Schist. **Figure 4** shows the geology of the Klondike and Bonanza gold fields.




DAWSON SYNDICATE (1983) EXPLORATION LIMITED PARTNERSHIP

## DAWSON AREA

YUKON TERRITORY

# REGIONAL GEOLOGY OF THE KLONDIKE

DATE: FEBRUARY 1987

BY: P.G.

FIGURE: 3

## 2.2 PROPERTY GEOLOGY

Bedrock exposures amount to less than one per cent of the area and is generally confined to gulches, recent landslide areas, road cuts and trenches. Outcrops are commonly covered by a combination of frozen humus, soluflucted bedrock-derived soils, and loess, which is common in the Klondike region. When exposed, the bedrock is always deeply weathered. Geological interpretation using data from airborne and ground geophysics, and from surface geochemistry, was implemented in compiling the grid geology map (**Figure** 5).

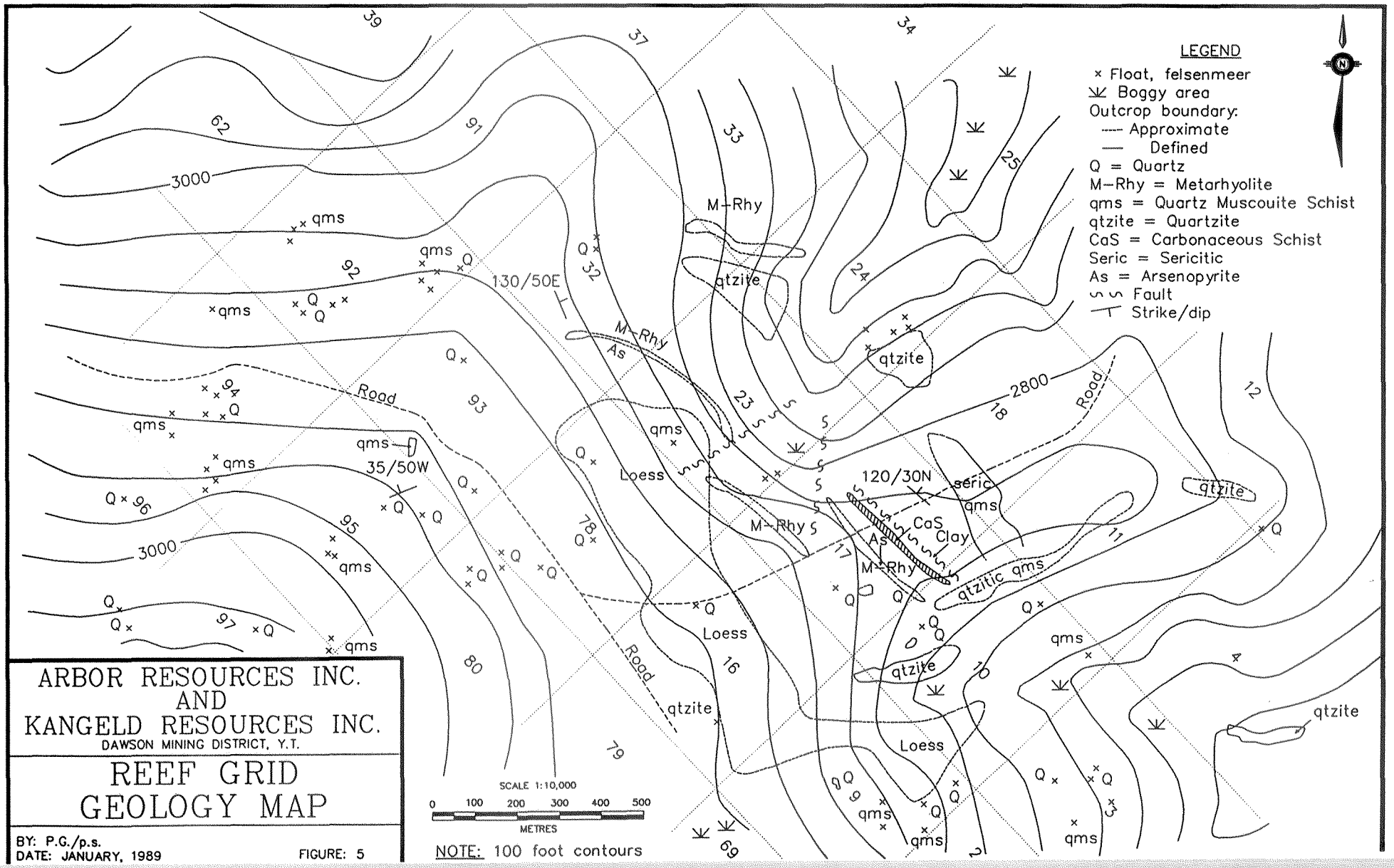
The majority of rocks underlaying the claim group belong to the Klondike schists. Typically, these are slabby weathering, medium to dark green, quartz-muscovite bearing schists, mostly found as surface float which appears to be near a bedrock source. Deviations from the typical schist include blocky weathering, equigranular quartz-muscovite quartzite found on talus slopes adjacent to the headwaters of Bear Creek and Last Chance Creek, and sericitic quartz-muscovite schist found along the roadcut on the ridge between Bear and Last Chance creeks. A more felsic version of the Klondike schist which appears to have a higher percentage of potassium feldspar was found while trenching arsenic anomalies on the grid. Arsenopyrite was identified in concentrations of from 1 to 5 percent in several places while trenching within this unit.

Contorted pods and lenses of quartz and quartz - calcite are common within exposures of the Klondike schists. These are plastically deformed to a high degree, and are generally aligned parallel to foliation. Potentially larger viens of quartz are evident as surface float blocks commonly found on the western portion of the grid.

A narrow lense of graphite bearing carbonaceous schist was uncovered during trenching on the ridge between Bear and Last Chance Creeks. This appears to represent a thin sliver of Nasina series schist protruding (faulted ?) into the overlaying schist at this location. Extensive exposures of graphite bearing schists are found off the grid to the east/north-east along Last Chance Creek.

No evidence of any later stage intrusive activity was found on the grid.

Bedrock exposures in trenches indicate an average bedding orientation of the schists of 120 degree strike and 35 degree dip to the north-east. This orientation appears to be parallel to the schistosity on the eastern portion of the grid, but towards the west the schistosity averages 035 degree strike and dip to the south-east of 50 degrees.


LEGEND
× Float, felsenmeer
Boggy area
Outcrop boundary:
---- Approximate
—— Defined
Q = Quartz
M-Rhy = Metarhyolite
qms = Quartz Muscouite Schist
qtzite = Quartzite
CaS = Carbonaceous Schist
Seric = Sericitic
As = Arsenopyrite
Fault
Strike/dip
N
ARBOR RESOURCES INC.
AND
KANGELD RESOURCES INC.
DAWSON MINING DISTRICT, Y.T.
REEF GRID
GEOLOGY MAP
BY: P.G./p.s.
DATE: JANUARY, 1989
FIGURE: 5
SCALE 1:10,000
0 100 200 300 400 500
METRES
NOTE: 100 foot contours
Road
Loess
qtzite
qms
M-Rhy
As
CaS
Clay
seric
qtzitic qms
130/50E
35/50W
120/30N
3000
2800

# 3. GEOPHYSICS: MAGNETOMETER SURVEY

## 3.1 SURVEY PROCEDURE

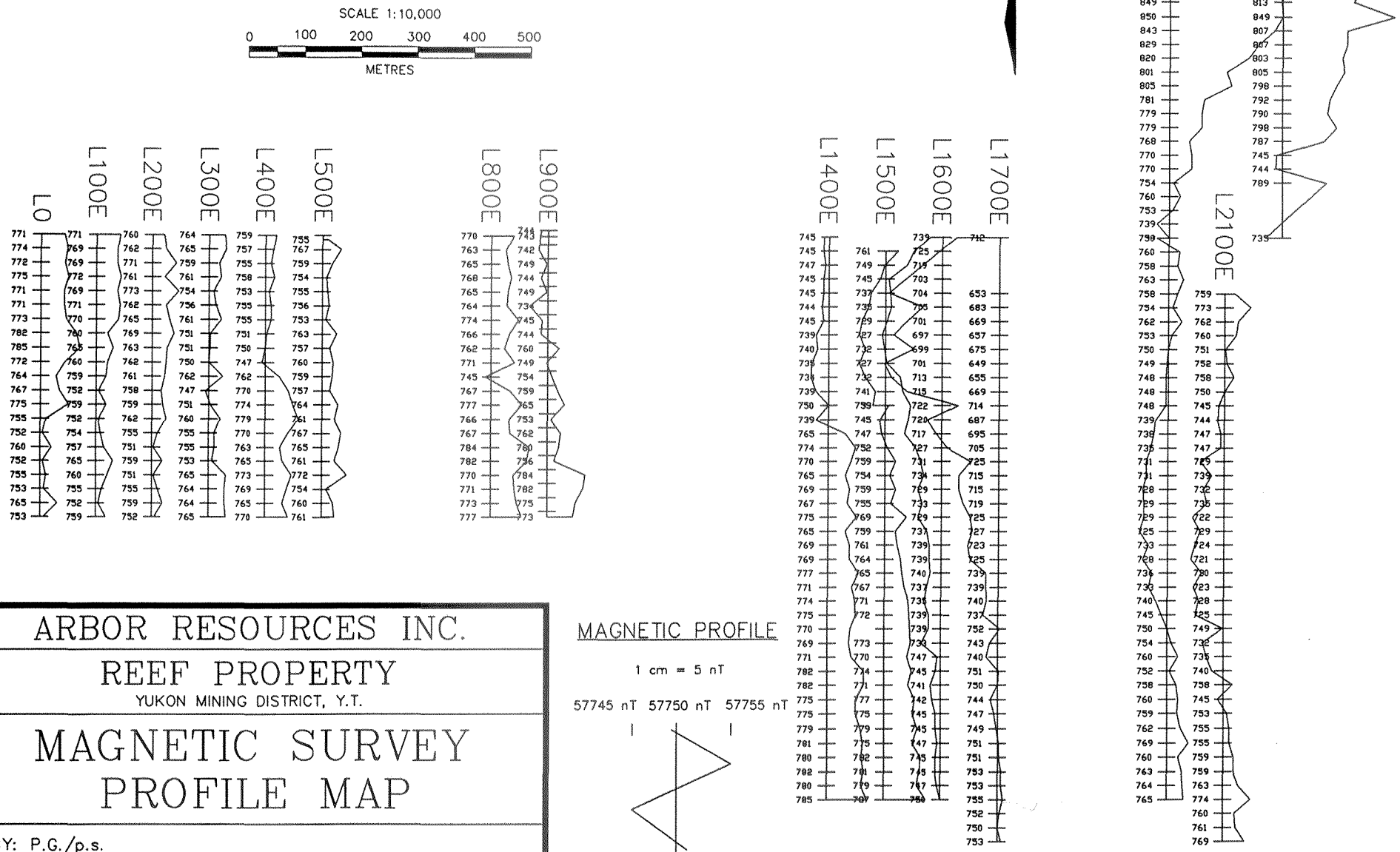
Two model G-816 Proton Magnetometers manufactured by Geometrics were utilized on this programme. The G-816 magnetometer is designed for precise mapping of very small or large amplitude anomalies and is ideal for detailed follow-up of aeromagnetic reconnaissance surveys. Total field measurements can be read with a resolution of about 1 gamma throughtout the instruments measuring range. One G-816 was used for field measurements while the second unit monitored the earth's total magnetic field to record diurnal variations and magnetic storms.

A total of 11.1 line kilometers of magnetometer survey was conducted over various areas on the grid using station spacings of 25 meters, for a total of 458 recorded responses. A variety of lines were chosen in an effort to further define the Aerodat airborne survey magnetometer low anomaly.

## 3.2 PRESENTATION AND DISCUSSION OF RESULTS

Results of the magnetometer survey are shown as profile plots on **Figure 6.** These are plots of the raw data as recorded in the field, as difficulties in levelling data from line to line was encountered.

The profile plots display a rough line to line magnetic low feature from line L2000 E to line L1400 E. Magnetic relief over these lines is in the order of 100 gammas. Magnetic relief is much less over the western portion of the grid (lines 0 E to 1400 E; 30 gammas), and the magnetic low feature is not defined. The lack of correlation between the airborne and ground surveys (especially on the western portion of the grid) may be due to the depth of the entity resposible, or to inaccuracy in locating the grid. A deep seated feature may be more acurately mapped by the airborne survey.




# ARBOR RESOURCES INC.

## REEF PROPERTY

YUKON MINING DISTRICT, Y.T.

# MAGNETIC SURVEY PROFILE MAP

BY: P.G./p.s.

DATE: JANUARY, 1989

FIGURE: 6

MAGNETIC PROFILE

1 cm = 5 nT

57745 nT 57750 nT 57755 nT

# 4. SOIL GEOCHEMISTRY

## 4.1 SAMPLING, SAMPLE PREPARATION, AND ANALYTICAL PROCEDURES

Soil sampling was carried out over all of the grid lines using a sample site separation of 50 meters. A total of 737 "B" horizon soil samples were taken on the grid.

The grid was established over an east-west zone of low magnetism as outlined by the Aerodat airborne survey.

All samples were placed in numbered Kraft envelopes and sample locations were marked with colored plastic flagging tape bearing the corresponding number. Samples were shipped to Chemex Labs. Ltd. in North Vancouver for analyses. In the laboratory, samples were oven dried and sieved to minus 80 mesh. The coarse fraction was then discarded and the fine fraction pulverized and analysed for gold by atomic absorption. Analyses for a 32 element spectrum was obtained using the Inductively Coupled Plasma - Atomic Emission Spectrometry (ICP-AES) technique.

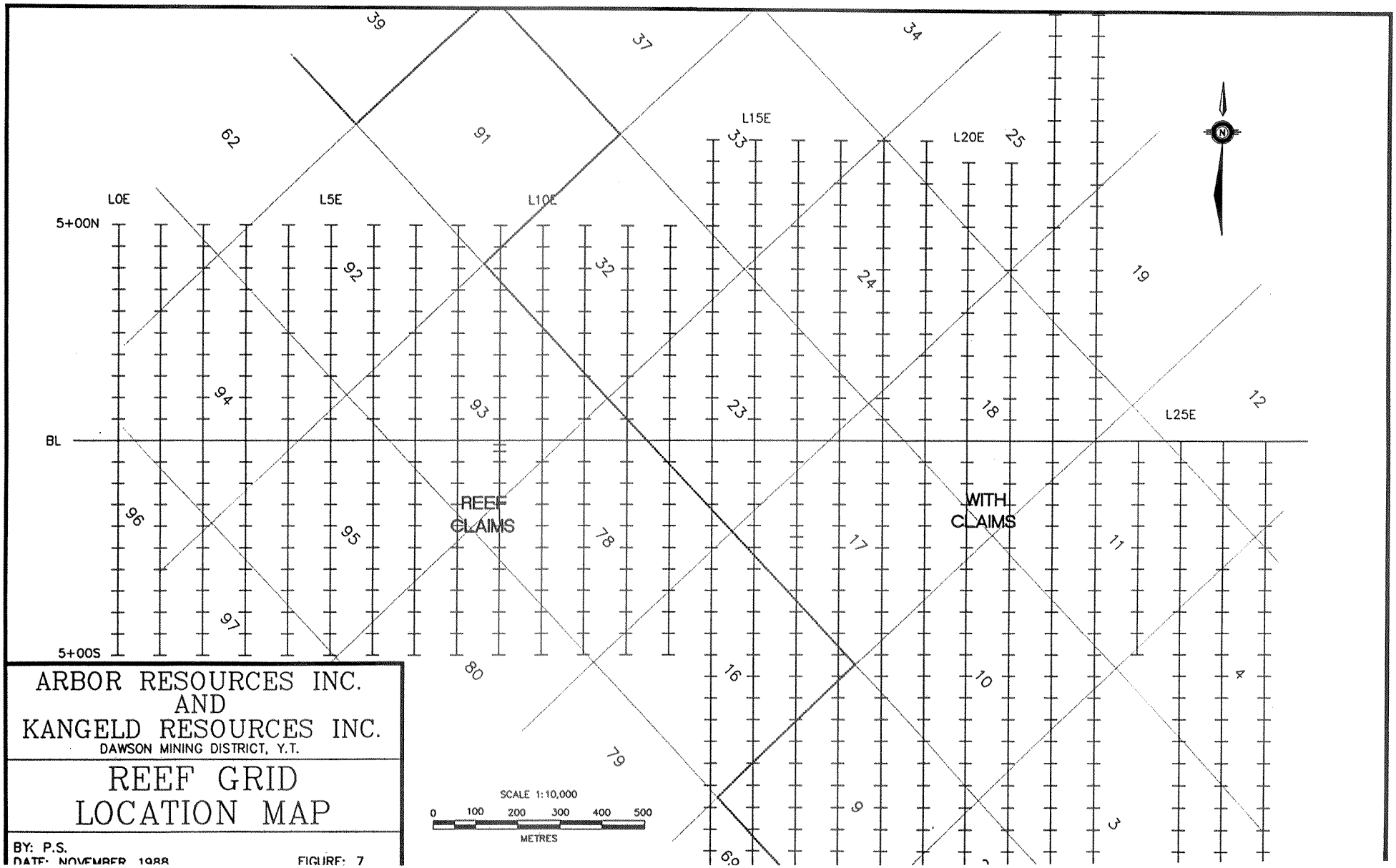
## 4.2 PRESENTATION AND DISCUSSION OF RESULTS

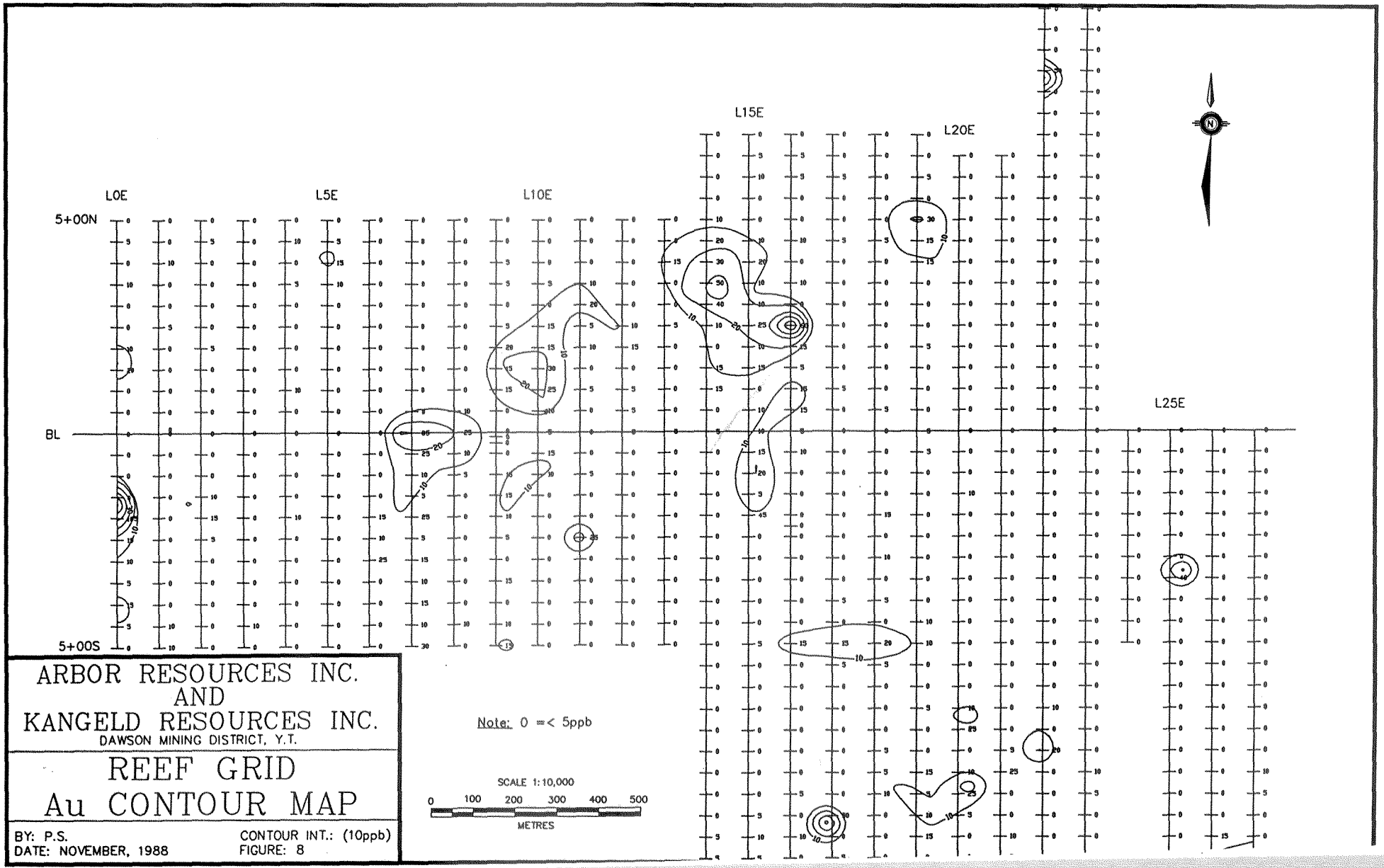
Soil line locations are shown in **Figure 7.** Copies of Chemex Labs Certificates of Analysis for all samples can be found in the Appendix. Results for Au and As are plotted on **Figures 8** and **9.**

A scattering of low gold values were returned from soils over much of the grid. Only a limited number of gold values above 20 ppb were returned. The highest single value of 185 ppb was returned from soil on the western margin of the grid (L0E;2+00S). This appears to be an isolated anomaly but further sampling to the west should be considered. A value of 60 ppb was returned from a sample taken 250 meters north on line 16 east. Other values in this area indicate a south-east to north- west orientation, from near the base line on line 7 east, to the 60 ppb value on line 16 east. These values fall within the contoured outline of anomalous arsenic values through this area.

Several areas of anomalous arsenic values are indicated on the grid. The strongest values outline an arcuate anomalous zone which trends from a 720 ppm on line 18 east at 1+50 south, to a 450 ppm on line 9 east at 1+50 north. The shape of this anomalous zone may indicate either folding in the source rocks, or slumping of the soils downslope towards Bear Creek.

No trends were indicated from the other elements analyzed.


L0E
L5E
L10E
L15E
L20E
L25E
5+00N
BL
5+00S
REEF CLAIMS
WITH CLAIMS
SCALE 1:10,000
0 100 200 300 400 500
METRES
ARBOR RESOURCES INC.
AND
KANGELD RESOURCES INC.
DAWSON MINING DISTRICT, Y.T.
REEF GRID
LOCATION MAP
BY: P.S.
DATE: NOVEMBER, 1988
FIGURE: 7

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# REEF GRID
# Au CONTOUR MAP

BY: P.S.
DATE: NOVEMBER, 1988

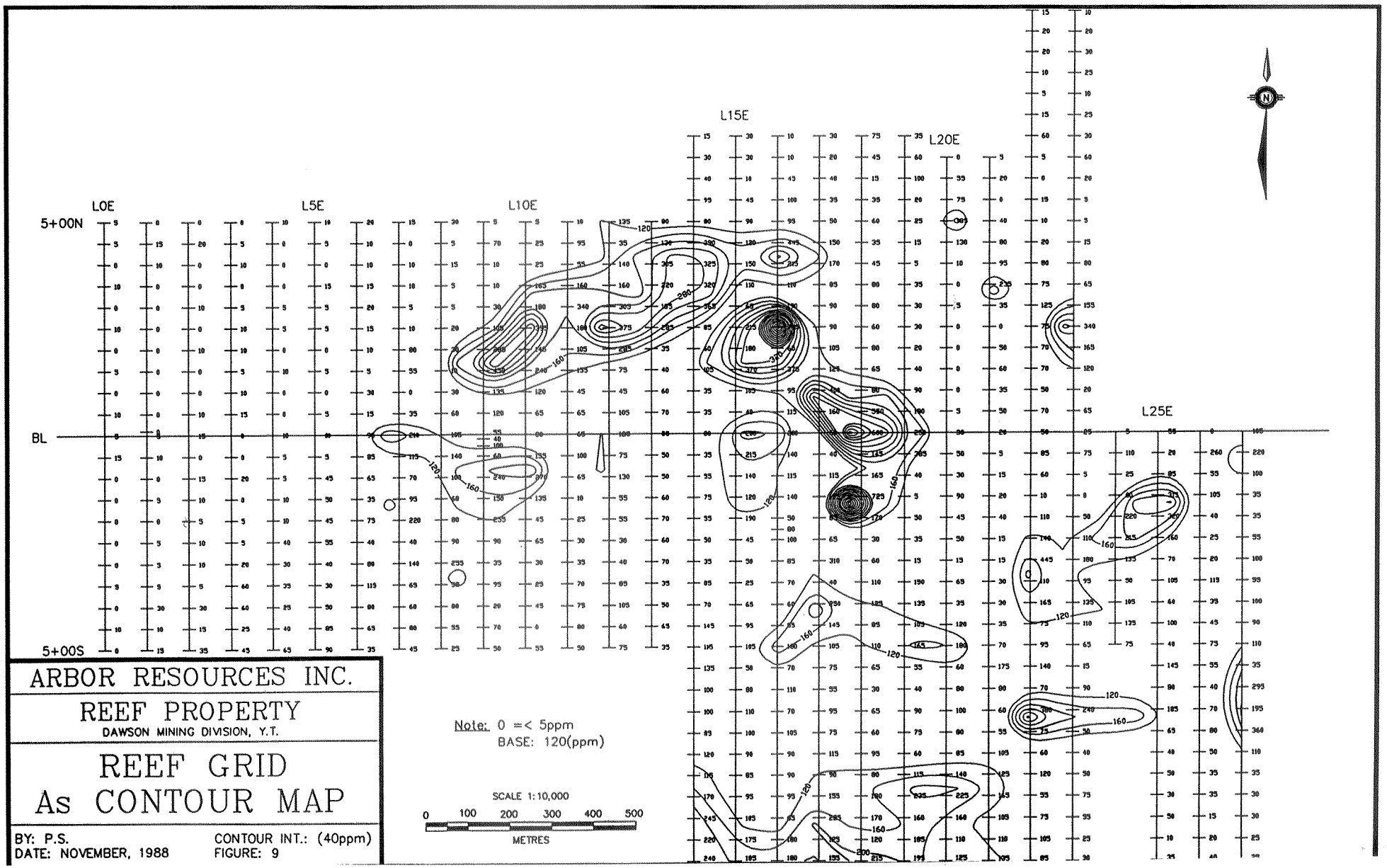
CONTOUR INT.: (10ppb)
FIGURE: 8

Note: 0 =< 5ppb

SCALE 1:10,000

0 100 200 300 400 500

METRES




# ARBOR RESOURCES INC.

## REEF PROPERTY

DAWSON MINING DIVISION, Y.T.

## REEF GRID
## As CONTOUR MAP

BY: P.S.
DATE: NOVEMBER, 1988

CONTOUR INT.: (40ppm)
FIGURE: 9

Note: 0 =< 5ppm
BASE: 120(ppm)

SCALE 1:10,000

0 100 200 300 400 500

METRES

## 5.0 TRENCHING

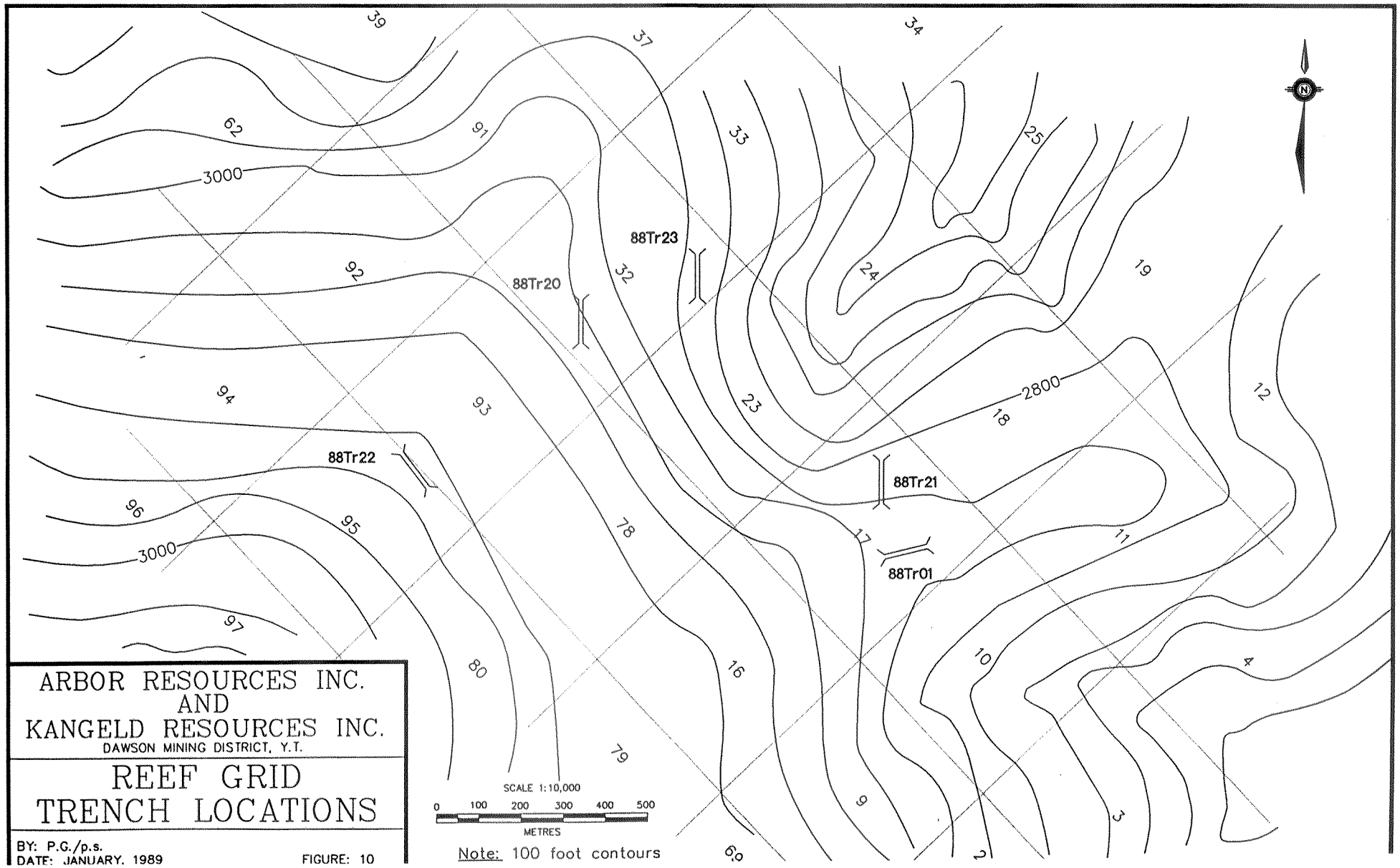
Roughly 400 metres of Caterpillar D-8K bulldozer trenching was excavated on the grid. This trenching was designed to expose bedrock beneath areas of soil which returned high arsenic values, in some places coincident with anomalous gold values. A total of 5 trenches were excavated. Trench geology with corresponding sample intervals are shown on **Tables 2 to 6**. Trench locatins are shown on **Figure 10**.

Trench number 88Tr01 was excavated prior to soil sampling on the grid. This trench was designed to uncover bedrock near the projected center of the magnetic low feature. This trench exposed a 10 meter wide seam of graphite bearing schist within quartz muscovite schists. This graphitic horizon contains up to 5% pyrite in places. Grey clay borders the graphitic schist on the western margin. This appears to be the result of shearing marginal to the graphite. Rock samples from this trench returned arsenic values to 1120 ppm. No gold was detected in these rock samples, however, soil samples taken from the bottom of the trench returned a string of gold values up to 85 ppb., and arsenic values to 3020 ppm. The geology from this trench trends towards trench number 88Tr21, 40 meters to the north-west. The geology is fairly continuous between these two trenches with a thickening of the graphitic unit to an estimated 35 meters in trench 21. As in trench 01, gold values were either below or marginally above the lower detection limit, with high arsenic values (to 1065 ppm.)

Trench 88Tr20 was designed to cut the trend of high arsenic soil values in an area where bedrock was estimated to be near the surface. At this location a series of interbedded quartz-muscovite schist and meta-rhyolite units were sampled. The meta-rhyolite unit was noted to contain arsenopyrite, in places to 2% of total rock. Samples of this material returned several assays of greater than 1000 ppm arsenic, to a high of greater than 10,000 ppm (the upper limit of detection for the analysis). As in the aforementioned trenches, gold values returned were below, or marginally above, the lower detection limit of analysis.

Trench 88Tr22 was placed in an area where a combination of high arsenic and moderate gold values were returned from soil samples, and quartz float was noted on surface (L7E;0+50S). This trench exposed intensely altered schists, with clays, iron and manganese oxides. This alteration appears to be related to a shear estimated to trend at a strike of 035 degrees, dipping steeply to the west. Rock samples from this trench did not return as continuous a succession of high arsenic values as in other areas, but one sample did return a high of 1375 ppm arsenic. The majority of gold values were below detection. The source of the quartz float in the area was not uncovered.

Trench 88Tr23 was only partially successful at reaching bedrock due to the thickness of frozen overburden and the steepness of slope at the location. The trench was located with the intension of sampling bedrock beneath the highest arsenic value on the soil grid. The few areas of bedrock exposed in the trench showed that the underlaying rock type is predominantly composed of quartz-muscovite schists, in

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# REEF GRID
# TRENCH LOCATIONS

BY: P.G./p.s.
DATE: JANUARY, 1989

FIGURE: 10

places quartzitic, interbedded with a minor amount of meta-rhyolite. None of the 6 rock samples and 5 soil samples taken from this trench returned values of any significance.

TRENCH : 88TR-01 GEOLOGIST: Perry Grunenberg

LOCATION : L18E;L19E;2+50S (E-W trench)
0m at E end of trench

| SAMPLE # | INTERVAL | WIDTH(m) | ROCK TYPE |
|---|---|---|---|
| 88TR01-01 | 0-35 | 35 | qmS |
| -02 | 35-40 | 5 | mnox qmS |
| -03 | 40-58 | 18 | CaS |
| -04 | 58-60 | 2 | Clay alteration |
| -05 | 60-66 | 6 | Quartzitic qmS |
| -06 | 66-66.5 | 50cm | Quartz lense |
| -07 | 66.5-75 | 8.5 | Blocky qmS |
| -08 | 75-88 | 7 | Grey-green qmS |
| -09 | 88-110 | 22 | K altered qmS |

TRENCH : 88TR-20 GEOLOGIST: T. Macdonald

LOCATION : REEF; L11E; 2+50N
0m at S. end of trench (N-S trench)

| SAMPLE # | INTERVAL | WIDTH(m) | ROCK TYPE |
|---|---|---|---|
| 88TR-20-01 | 0.0-2.5 | 2.5 | Floor, metarhyolite? dark green |
| 02 | 2.5-5.0 | 2.5 | Floor, metarhyolite-qmS |
| 03 | 5.0-7.0 | 2.0 | Floor, metarhyolite-qmS |
| 04 | 7.0-10.0 | 3.0 | SE wall, qmS-metarhyolite |
| 05 | 10.0-13.0 | 3.0 | SE wall, qmS-grn FeOx |
| 06 | 13.0-16.0 | 3.0 | SE wall, qmS FeOx grn |
| 07 | 16.0-19.0 | 3.0 | SE wall, qmS-grn FeOx |
| 08 | 19.0-22.0 | 3.0 | SE wall, qmS-grn FeOx |
| 09 | 22.0-25.0 | 3.0 | SE wall, qmS-grn FeOx |
| 10 | 25.0-28.0 | 3.0 | SE wall, qmS-grn FeOx |
| 11 | 28.0-31.0 | 3.0 | SE wall, qmS-grn FeOx |
| 12 | 7.6 | 20cm | SE wall, quartz veins with arsenopyrite |
| 13 | 12.8-15.2 | ~15cm | SE wall, folioform quartz |
| 14 | 16.1-17.8 | ~15cm | SE wall, folioform quartz |
| 15 | 14.8;17.8;21.9 | ~4cm grab | SE wall, 3 shears with quartz veins |
| 16 | 31.0-34.0 | 3.0 | SE wall, metarhyolite |
| 17 | 34.0-37.1 | 3.1 | Floor, mqS/qmS, FeOx |
| 18 | 37.1-41.0 | 2.9 | Floor,qmS/qtzitic;FeOx some metarhyolite |
| 19 | 37.5 | grab +10cm | NW wall,quartz vein/shear, FeOx |
| 20 | 39.0-41.0 | grab +20cm | Quartz veins,flat lying.NW wall |
| 21 | 45.0 | 1mVertical | SE wall, mqS/qmS |
| 22 | 45.0 | 1.5m " | NW wall mqS/qmS |
| 23 | 41.0-45.5 | 4.5 | Floor, qmS (some metarhyolite?) |
| 24 | 45.5-48.0 | 2.5 | Floor qmS (some metarhyolite?) |

TRENCH : 88TR-20
LOCATION : REEF; L11E; 2+50N
0m at S. end of trench (N-S trench)

| SAMPLE # | INTERVAL | WIDTH(m) | ROCK TYPE |
|---|---|---|---|
| 88TR-20-25 | 48.0-51.0 | 3.0 | qmS/mqS (minor qtzitic), pyrite -10% |
| 26 | 51.0-54.0 | 3.0 | qmS/mqS (minor qtzitic) pyrite -10% |
| 27 | 54.0-57.0 | 3.0 | qmS/mqS (minor qtzitic) pyrite -10% |
| 28 | 57.0-60.0 | 3.0 | Floor,qmS/mqS (minor qtzitic) pyrite -10% |
| 29 | 49.0 | grab | NW wall,folioform quartz with vugs,calcite |
| 30 | 56.0-56.3 | 2cm | NW wall,quartz veins and shear,FeOx |
| 31 | 55.0 | 1mVertical | NW wall mqS/qmS |

TRENCH : 88TR21
LOCATION : L18E;1+50S (N-S trench)
0m at S end of trench

GEOLOGIST: P.Grunenberg

| SAMPLE # | INTERVAL | WIDTH(m) | ROCK TYPE |
|---|---|---|---|
| 88TR21-01 | 0-5 | 5 | CaS |
| -02 | 5-10 | 5 | CaS |
| -03 | 10-16 | 6 | CaS |
| -04 | 16-19 | 4 | CaS |
| -05 | At 17 | 20cm | Quartz pod |
| -06 | 19-22 | 3 | Carbonaceous qmS |
| -07 | 22-24 | 2 | CaS |
| -08 | At 23 | 15cm | Quartz pod |
| -09 | 24-28 | 4 | qmS |
| -10 | 28-31 | 3 | Carb qmS |
| -11 | 31-34 | 3 | CaS |
| -12 | 34-37 | 3 | CaS |
| -13 | 37-40 | 3 | Clay alteration |
| -14 | 40-43 | 3 | Clay alteration |
| -15 | 43-47 | 4 | qmS |
| -16 | 47-51 | 4 | qmS |
| -17 | 51-54 | 3 | qmS |
| -18 | 54-58 | 4 | Quartzite |
| -19 | 58-62 | 4 | Quartzite (metaRhy) |
| -20 | At 60.5 | 20cm | Quartz pod |
| -21 | 62-63 | 1 | Clay alteration |
| -22 | 63-67 | 4 | qmS |
| -23 | 67-70 | 3 | Clay alteration |
| -24 | 70-73 | 3 | Clay alteration |

**TRENCH:** 88TR22 **GEOLOGIST:** P.Grunenberg
**LOCATION:** REEF
L7E; 0+50S, N-S TRENCH
0m at end of trench

| AU oz/t | SAMPLE# | INTERVAL | WIDTH | ROCK TYPE |
|---|---|---|---|---|
| - | 01 | 0-5 | 5 | qmS,chloritic in places,FeOx,MnOx, slabby |
| - | 02 | at 5 | 20cm | qtz-carbonate pod/vein |
| - | 03 | 5-10 | 5 | qmS,slabby,minor carb. on fractures |
| - | 04 | 11-17 | 6 | clayey qmS,less competent than above |
| - | 05 | at 16 | 5cm | rusty quartz pod |
| - | 06 | 17-21 | 4 | decomposed(shear) bedrock,orange, granular |
| - | 07 | 21-25 | 4 | soft,clayey, k-alteration,quartz pebbles(shear?) |
| - | 08 | 25-30 | 5 | quartzitic qmS, FeOx,blocky,soft, clayey in places |
| - | 09 | 30-34 | 4 | quartzitic qmS, FeOx,blocky,soft, clayey in places |
| - | 10 | 34-38 | 4 | quartzitic qmS, FeOx,blocky,soft, clayey in places |
| - | 11 | 38-42 | 4 | 035/60W quartzitic qmS,FeOx,blocky,soft clayey in places |
| 0.002 | 12 | 42-44 | 2 | shear-FeOx,red,soily |
| 0.006 | 13 | at 46 | 20cm | quartz pod |
| - | 14 | 44-47 | 3 | mqS,coarse musc.,slabby,clayey |
| - | 15 | 47-51 | 4 | mqS,orange brown,some clay, slabby |

**TRENCH:** 88TR22 **GEOLOGIST:** P.Grunenberg
**LOCATION:** REEF
L7E; 0+50S, N-S TRENCH
0m at N end of trench

| AU oz/t | SAMPLE# | INTERVAL | WIDTH | ROCK TYPE |
|---|---|---|---|---|
| < | 01 | 0-5 | 5 | qmS,chloritic in places,FeOx,MnOx, slabby |
| < | 02 | at 5 | 20cm | qtz-carbonate pod/vein |
| < | 03 | 5-10 | 5 | qmS,slabby,minor carb. on fractures |
| < | 04 | 11-17 | 6 | clayey qmS,less competent than above |
| < | 05 | at 16 | 5cm | rusty quartz pod |
| < | 06 | 17-21 | 4 | decomposed(shear) bedrock,orange, granular |
| < | 07 | 21-25 | 4 | soft,clayey, k-alteration,quartz pebbles(shear?) |
| < | 08 | 25-30 | 5 | quartzitic qmS, FeOx,blocky,soft, clayey in places |
| < | 09 | 30-34 | 4 | quartzitic qmS, FeOx,blocky,soft, clayey in places |
| < | 10 | 34-38 | 4 | quartzitic qmS, FeOx,blocky,soft, clayey in places |
| < | 11 | 38-42 | 4 | 035/60W quartzitic qmS,FeOx,blocky,soft clayey in places |
| 0.002 | 12 | 42-44 | 2 | shear-FeOx,red,soily |
| 0.006 | 13 | at 46 | 20cm | quartz pod |
| < | 14 | 44-47 | 3 | mqS,coarse musc.,slabby,clayey |
| < | 15 | 47-51 | 4 | mqS,orange brown,some clay, slabby |

TRENCH : 88TR23
LOCATION : L14E; 3+25N
(E-W trench)

| SAMPLE # | INTERVAL | WIDTH(m) | ROCK TYPE |
|---|---|---|---|
| 88PG48 | near 3+25N | grab | Crenulated qmS,minor 1cm veining |
| 88PG49 | near 3+00N | grab | K-altered,crenulated,blocky,qmS |
| 88PG50 | near 3+10N | grab | Assorted schist float |
| 88PG51 | near 3+20N | grab | 20cm quartz pod/vein |
| 88PG52 | near 3+40N | grab | Assorted schist float |
| 88PG53 | near 3+50N | grab | Fe stained, blocky (Rhy-) schist |

*NOTE: Trenching not successful at presenting a clear bedrock cut due to thick slide material covering this area.
Samples are "grab" type, with line coordinates used for location.

*NOTE: 5 soil samples also taken at approximately 10 meter intervals through trench, numbered 88TR23-S1 to 88TR23-S5 with S1 at south end of trench.

## 6.0 CONCLUSIONS AND DISCUSSIONS

Results of exploration to date indicates that placer gold deposits along Bear Creek, Last Chance Creek, and possibly Homestake and Gauvin Gulches, have a bedrock source at their headwaters, within the REEF grid.

The magnetometer low outlined by the Aerodat airborne survey was partially delineated by ground magnetic survey. Soil sampling over the magnetic linear consistently returned anomalous arsenic values, with minor coincidental gold values.

Trenching was successful at exposing bedrock sources of the high arsenic in soils, but only background values for gold were returned. No bedrock source for the magnetic low feature was dicovered.

On adjacent properties of the Klondike region, ore grade gold bearing bedrock has been found to exist within areas of low bedrock magnetism. The most common source of the low magnetics is reverse polarized dykes, which appear to have no direct relationship to the source of the gold, but are commonly found periferal to gold bearing rocks. The low magnetics on the REEF grid are most likely due to magnetite bearing dykes even though none have been found to date. Hydrothermal bedrock alterations also may create magnetometer lows and should be considered.

The gold in the deposits of adjacent properties is normally fine grained, disseminated, hosted by the carbonate-silica matrix of quartz-muscovite schists. These gold deposits are thought to be stataform within the Klondike Schists, possibly syngenetic with the original mid-Permian volcanic deposition. Quartz veins within the schist often carry high grades of gold, but these tend to be narrow and discontinuous.

Future exploration on the REEF grid should center upon the anomalous arsenic zone outlined by soil sampling. The apparent lack of gold in bedrock exposed to date suggests that deeper sampling may be required. This can only be accomplished through diamond or rotary drilling.

Respectfully submitted,

P.B. Grunenberg, B.Sc., F.G.A.C.

092690

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P.B. Grunenberg, B.Sc., F.G.A.C.

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**MORTENSEN, J.K.**, Geology of Southwestern Dawson Map Area, Yukon Territory. Lithosphere and Canadian Shield Division of Geological Survey of Canada; in Current Research, Part E, Paper 88-1E.

# 8. STATEMENT OF QUALIFICATIONS

## PERRY GRUNENBERG, B.Sc., F.G.A.C.

### ACADEMIC

| | | |
|---|---|---|
| 1982 | B.Sc. in Geology | The University of British Columbia |

### PROFESSIONAL

| | | |
|---|---|---|
| 1984 to present | Mark Management Ltd. Vancouver, B.C. | Project Geologist on geological, geophysical, geochemical and diamond drilling programmes near Dawson, Y.T. |
| 1983 | Strato Geological Engineering Ltd. Vancouver, B.C. | Project Geologist contracted to work properties near Virginia City, Nevada, Wenatchee, Washington, and several locations in southern B.C. |
| 1982 | P and L Exploration Vancouver, B.C. | Geologist involved in evaluating potential placer gold prospects near Quesnel and Princeton, B.C. |

### SUMMER EMPLOYMENT

| | | |
|---|---|---|
| 1981 | Mark Management limited | Assistant Party Chief |
| 1980 | Kennco Explorations | Senior Assistant |
| 1979 | Riocanex | Junior Assistant |
| 1978 | Riocanex | Junior Assistant |

P.B. Grunenberg, B.Sc., F.G.A.C.

## 8. STATEMENT OF QUALIFICATIONS

## PERRY GRUNENBERG, B.Sc., F.G.A.C. 092690

### ACADEMIC

| | | |
|---|---|---|
| 1982 | B.Sc. in Geology | The University of British Columbia |

### PROFESSIONAL

| | | |
|---|---|---|
| 1984 to present | Mark Management Ltd. Vancouver, B.C. | Project Geologist on geological, geophysical, geochemical and diamond drilling programmes near Dawson, Y.T. |
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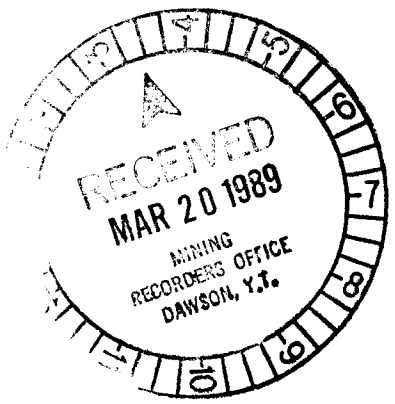
| | | |
|---|---|---|
| 1981 | Mark Management limited | Assistant Party Chief |
| 1980 | Kennco Explorations | Senior Assistant |
| 1979 | Riocanex | Junior Assistant |
| 1978 | Riocanex | Junior Assistant |

P.B. Grunenberg, B.Sc., F.G.A.C.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MAR 20 1989
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RECORDERS OFFICE
DAWSON, Y.T.

# 9. COSTS STATEMENTS

13,278.74 +
22,183.94 +
4,500.47 +
9,389.79 +
13,353.41 +
2,302.13 +
7,468.09 +
11,057.24 +
685.17 +
641.86 +
1,402.37 +
2,437.2 +
619.56 +
709.95 +
14,833.98 +

15

104,863.9 *

**COST STATEMENT**
**ARBOR RESOURCES INC. & KANGELD RESOURCES LTD.**
**REEF & WITH CLAIMS**
**May 2 - June 20, 1988.**

## GENERAL COSTS

| | | |
|---|---|---|
| Food/Accom.,4pers.,121mdays @ $30.90 | | $ 3,739.21 |
| Shipments | | 1,585.41 |
| Supplies | | 1,801.34 |
| Fuel | | 856.78 |
| Rentals | | |
| Norcan 4WD Bronco,25May-20Jun 27days @ $50 | $1,350.00 | |
| Norcan 4WD PU, 27days @ $50 | 1,350.00 | |
| D.Miller trailer,27days @ $10 | 270.00 | |
| Ezekiel camp equipment, 121mdays @ $6 | 726.00 | |
| Water tank | 300.00 | 3,996.00 |
| Consultant Fees | | |
| Archean Engineering Ltd. | | 1,300.00 |
| TOTAL GENERAL COSTS | | $13,278.74 |

## ROAD BUILDING COST

| | | |
|---|---|---|
| P.Grunenberg, 12days @ $150 | $1,800.00 | |
| T.Mcdonald, 1day @ $101.92 | 101.92 | $ 1,901.92 |
| Benefits @ 20% | | 380.38 |
| Bulldozer, Hawk Mining D8,31May-13 Jun 115hrs @ $160 | | 18,400.00 |
| Klondike Transport, Flat Deck, move in | | 75.00 |
| General costs apportioned 13/121 x $13,278.74 | | 1,426.64 |
| TOTAL ROAD BUILDING COST | | $22,183.94 |

## TRENCHING COST

| | | |
|---|---|---|
| P.Grunenberg. 3days @ $150 | | $ 450.00 |
| Benefits @ 20% | | 90.00 |
| Bulldozer, Hawk Mining D8,31May-13Jun 20hrs @ $160 | | 3,200.00 |
| Klondike Transport,Flat Deck, move out | | 75.00 |
| Assays & Analyses - Chemex Labs. | | |
| 12 soils for Au & 32 Element ICP @ $15.25 | $ 183.00 | |
| 9 rocks for Au & 32 Element ICP @ $19.25 | 173.25 | 356.25 |
| General costs apportioned 3/121 x $13,278.74 | | 329.22 |
| TOTAL TRENCHING COST | | $ 4,500.47 |

**REEF GRID**
**LINE SURVEY COST**

| | | |
|---|---|---|
| P.Grunenberg, 4days @ $150 | $ 600.00 | |
| T.Mcdonald, 13days @ $101.92 | 1,324.96 | |
| V.Parks, 16days @ $65.38 | 1,046.08 | |
| A.Nelson, 12days @ $61.54 | 738.48 | $ 3,709.52 |
| Benefits @ 20% | | 741.90 |
| General costs apportioned 45/121 x $13,278.74 | | 4,938.37 |
| TOTAL LINE SURVEY COST | | $ 9,389.79 |

**REEF GRID**
**GEOCHEMICAL SURVEY COST**

| | | |
|---|---|---|
| P.Grunenberg. 6days @ $150 | $ 900.00 | |
| T.Mcdonald, 5days @ $101.92 | 509.60 | |
| V.Parks, 4days @ $65.38 | 261.52 | |
| A.Nelson, 5days @ $61.54 | 307.70 | $ 1,978.82 |
| Benefits @ 20% | | 395.76 |
| Assays & Analyses - Chemex Labs. 576 soils for Au & 32 Element ICP @ $15.25 | | 8,784.00 |
| General costs apportioned 20/121 x $13,278.74 | | 2,194.83 |
| TOTAL GEOCHEMICAL SURVEY COST | | $13,353.41 |

**REEF GRID**
**GEOPHYSICAL SURVEY COST**

| | | |
|---|---|---|
| P.Grunenberg, 4days @ $150 | $ 600.00 | |
| V.Parks, 2days @ $65.38 | 130.76 | |
| A.Nelson, 3days @ $61.54 | 184.62 | $ 915.38 |
| Benefits @ 20% | | 183.08 |
| Rentals Kangeld Proton Mags,2,4days @ $27 | | 216.00 |
| General costs apportioned 9/121 x $13,278.74 | | 987.67 |
| TOTAL GEOPHYSICAL SURVEY COST | | $ 2,302.13 |

**REEF GRID**
**GEOLOGICAL MAPPING COST**

| | | |
|---|---|---|
| P.Grunenberg, 12days @ $150 | $1,800.00 | |
| T.Mcdonald,10days @ $101.92 | 1,019.20 | |
| V.Parks, 4days @ $65.38 | 261.52 | |
| A.Nelson, 5days @ $61.54 | 307.70 | $ 3,388.42 |
| Benefits @ 20% | | 677.68 |
| General costs apportioned 31/121 x $13,278.74 | | 3,401.99 |
| TOTAL GEOLOGICAL MAPPING COST | | $ 7,468.09 |

**COST STATEMENT**
**ARBOR RESOURCES INC. & KANGELD RESOURCES LTD.**
**REEF & WITH CLAIMS**
**June 21-24, 1988.**

**GENERAL COSTS**
**GEOCHEMISTRY SURVEY**

| | | |
|---|---|---|
| Food/Accom.,11mdays @ $36.30 | | $ 399.30 |
| Shipments | | 359.52 |
| Telephone | | 3.43 |
| Supplies | | 255.38 |
| Fuel | | 74.04 |
| Rentals | | |
| Norcan 4WD Bronco,21-24 June,4days @ $55 | $220.00 | |
| Norcan 4WD PU,21-24 June, 4days @ $55 | 220.00 | |
| D. Miller trailer, 4days @ $10 | 40.00 | |
| Ezekiel filed equipment,11mdays @ $6 | 66.00 | 546.00 |
| Consultant Fees | | |
| Archean Engineering Ltd. | | 275.00 |
| Salaries & wages | | |
| P.Grunenberg, 2days @ $143.75 | $287.50 | |
| T.Mcdonald, 3days @ $101.92 | 305.76 | |
| V.Park, 3days @ $65.38 | 196.14 | |
| A.Nelson, 3days @ $61.54 | 184.62 | $ 974.02 |
| Benefits @ 20% | | 194.80 |
| Assays & Analyses - Chemex Labs. | | |
| 523 soils for Au & 32 Element ICP @ $15.25 | | 7,975.75 |
| TOTAL COST | | $11,057.24 |

**COST STATEMENT**
**ARBOR RESOURCES INC. & KANGELD RESOURCES LTD.**
**REEF & WITH CLAIMS**
**July 12-24, 1988.**

## GENERAL COSTS

| | | |
|---|---|---|
| Food/Accom.,5mdays @ $35.62 | | $ 178.10 |
| Shipping | | 93.04 |
| Field telephone service | | 1.56 |
| Supplies | | 63.81 |
| Fuel | | 33.66 |
| Rentals | | |
| Norcan 4WD PU, 3days @ $55 | $165.00 | |
| Ezekiel field equipment,5mdays @ $6 | 30.00 | 195.00 |
| Consultant Fees | | |
| Archean Engineering Ltd. | | 150.00 |
| TOTAL GENERAL COSTS | | $ 685.17 |

## LINE SURVEYING & CUTTING

| | | |
|---|---|---|
| Salaries & Wages | | |
| V.Park, 2days @ $65.38 | $130.76 | |
| A.Nelson, 1day @ $61.54 | 61.54 | $ 192.30 |
| Benefits @ 20% | | 38.46 |
| General costs apportioned 3/5 X $685.17 | | 411.10 |
| TOTAL LINE SURVEYING & CUTTING COST | | $ 641.86 |

## GEOCHEMICAL SURVEY COST

| | | |
|---|---|---|
| Salaries & Wages | | |
| V.Park, 1day @ $65.38 | $ 65.38 | |
| A.Nelson, 1day @ $61.54 | 61.54 | $ 126.92 |
| Benefits @ 20% | | 25.38 |
| Assays & Analyses - Chemex Lab. | | |
| 64 soils for Au & 32 Element ICP | | |
| @ $15.25 | | 976.00 |
| General costs apportioned 2/5 x $685.17 | | 274.07 |
| TOTAL GEOCHEMICAL SURVEY COST | | $1,402.37 |

**COST STATEMENT**
**ARBOR RESOURCES INC. & KANGLD RESOURCES LTD.**
**REEF & WITH CLAIMS**
**September 1-12, 1988.**

## GENERAL COSTS

| | | |
|---|---|---|
| Food/Accom., 13mdays @ $35.62 | | $ 463.06 |
| Shipping | | 248.35 |
| Field telephone service | | 20.78 |
| Supplies | | 167.10 |
| Fuel | | 100.14 |
| Rentals | | |
| Norcan 4WD Bronco,8days @ $55 | $440.00 | |
| Norcan 4WD PU,3days @ $55 | 165.00 | |
| Ezekiel field equipment,13mdays @ $6 | 78.00 | 683.00 |
| Consultant fees | | |
| Archean Engineering Ltd. | | 754.77 |
| TOTAL GENERAL COSTS | | $ 2,437.20 |

## LINE CUTTING COST

| | |
|---|---|
| Salaries & Wages | |
| T.Mcdonald,2days @ $101.92 | $ 203.84 |
| Benefits @ 20% | 40.77 |
| General costs apportioned 2/13 x $2,437.20 | 374.95 |
| TOTAL LINE CUTTING COST | $ 619.56 |

## GEOLOGICAL MAPPING COST

| | |
|---|---|
| Salaries & Wages | |
| L.Dandy, 2days @ $143.75 | $ 287.50 |
| Benefits @ 20% | 57.50 |
| General costs apportioned 2/13 x $2,437.20 | 374.95 |
| TOTAL GEOLOGICAL MAPPING COST | $ 719.95 |

## TRENCHING COST

| | | |
|---|---|---|
| Salaries & Wages | | |
| P.Grunenberg, 5days @ $143.75 | $718.75 | |
| T.Mcdonald, 3days @ $101.92 | 305.76 | |
| C.Holloway, 1day @ $80.00 | 80.00 | $ 1,104.51 |
| Benefits @ 18.6% | | 204.90 |
| Trenching Contractor | | |
| Hawk Mining, 69 hrs @ $160 | | 11,040.00 |
| Assays & Analyses - Chemex Labs. | | |
| 21 rock for Au & 32 Element ICP @ $20.75 | 435.75 | |
| 36 soils for Au & 32 Element ICP @ $15.25 | 549.00 | 984.75 |
| General costs apportioned 8/13 x $2,437.20 | | 1,499.82 |
| TOTAL TRENCHING COST | | $14,833.98 |

092690

# HUGHES – LANG GROUP
# DAWSON GOLD CAMP

## GEOLOGY MAP

AIRBORNE SURVEY COVERAGE

LEGEND:

CARMACKS GROUP
- d DIABASE DYKE
- f FELSIC DYKE
- And ANDESITE
- Rhy HUNKER PORPHYRY & SOURDOUGH

MOOSEHIDE ASSEMBLAGE
- UM ULTRAMAFIC
- UMgst GREENSTONE
- UMserp SERPENTINITE
- UMperi PERIDOTITE

YUKON GROUP

KLONDIKE SCHIST
- FqS FELDSPAR QUARTZ SCHIST
- mQ MUSCOVITE QUARTZITE
- qmS QUARTZ MUSCOVITE SCHIST
- chlqS CHLORITE QUARTZ SCHIST
- marble WHITE CRYSTALLINE MARBLE
- CaS CARBONACEOUS SCHIST
- seric SERICITIC
- As ARSENOPYRITE
- marip MARIPOSITE
- qeye QUARTZ PORPHYROBLASTS

NASINA SERIES
- CaQtz CARBONACEOUS QUARTZITE

METAMORPHOSED INTRUSIVE
- BIOTITE QUARTZ FELDSPAR ORTHOGNEISS

TERTIARY / ? / TRIASSIC– PERMIAN / LATE DEVONIAN– CARBONIFEROUS

APPROXIMATE GEOLOGICAL BOUNDARY

FAULT

THRUST FAULT

FOLD AXIS OF ANTICLINE (PLUNGING IN BOTH DIRECTIONS)

0 1000 2000 3000 4000
METRES

186

# APPENDIX I

## GEOCHEMISTRY: CERTIFICATES OF ANALYSIS

**Chemex Labs Ltd.**
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

[redacted]MARK MANAGEMENT LIMITED
1800 - 999 W. HASTINGS ST.
VANCOUVER, BC
V6C 2W2
Project : DAWSON-REEF
Comments: ATTN: ART TROUP CC: PERRY GRUNENBERG

Page No. : 1-A
Tot. Pages: 7
Date : 14-JUL-88
Invoice # : I-8818344
P.O. # : ADR-KDR

# CERTIFICATE OF ANALYSIS A8818344

| SAMPLE DESCRIPTION | PREP CODE | | Au ppb FA+AA | Al % | Ag ppm | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L0E 0+50N | 201 | 238 | < 5 | 1.13 | < 0.2 | 10 | 200 | < 0.5 | 4 | 0.07 | < 0.5 | 3 | 8 | 5 | 1.49 | < 10 | < 1 | 0.04 | 10 | 0.44 | 144 |
| L0E 1+00N | 201 | 238 | < 5 | 1.38 | 0.2 | < 5 | 230 | < 0.5 | < 2 | 0.08 | < 0.5 | 6 | 14 | 17 | 1.81 | < 10 | < 1 | 0.07 | 50 | 0.58 | 161 |
| L0E 1+50N | 201 | 238 | 20 | 1.65 | < 0.2 | 5 | 180 | < 0.5 | < 2 | 0.13 | < 0.5 | 6 | 24 | 14 | 2.24 | < 10 | < 1 | 0.04 | 20 | 0.45 | 165 |
| L0E 2+00N | 201 | 238 | 10 | 1.81 | < 0.2 | < 5 | 150 | 0.5 | 2 | 0.15 | < 0.5 | 7 | 21 | 12 | 2.53 | < 10 | < 1 | 0.03 | 10 | 0.52 | 171 |
| L0E 2+50N | 201 | 238 | < 5 | 1.59 | < 0.2 | 10 | 210 | 0.5 | 2 | 0.12 | < 0.5 | 6 | 20 | 11 | 2.02 | < 10 | < 1 | 0.05 | 20 | 0.55 | 174 |
| L0E 3+00N | 201 | 238 | < 5 | 1.36 | 0.2 | < 5 | 170 | 0.5 | 2 | 0.13 | < 0.5 | 5 | 17 | 12 | 1.75 | < 10 | < 1 | 0.04 | 30 | 0.72 | 202 |
| L0E 3+50N | 201 | 238 | 10 | 1.24 | 0.2 | 10 | 190 | < 0.5 | 2 | 0.22 | < 0.5 | 7 | 15 | 14 | 1.90 | < 10 | < 1 | 0.07 | 60 | 0.72 | 224 |
| L0E 4+00N | 201 | 238 | < 5 | 1.46 | < 0.2 | < 5 | 190 | 0.5 | < 2 | 0.15 | < 0.5 | 5 | 19 | 13 | 1.75 | < 10 | < 1 | 0.07 | 30 | 0.50 | 146 |
| L0E 4+50N | 201 | 238 | 5 | 1.49 | < 0.2 | 5 | 290 | < 0.5 | < 2 | 0.24 | < 0.5 | 6 | 19 | 15 | 2.00 | < 10 | < 1 | 0.06 | 30 | 0.56 | 218 |
| L0E 5+00N | 201 | 238 | < 5 | 1.61 | 0.2 | 5 | 350 | < 0.5 | < 2 | 0.29 | < 0.5 | 8 | 25 | 20 | 2.30 | < 10 | < 1 | 0.05 | 30 | 0.55 | 247 |
| L0E 0+00S | 201 | 238 | < 5 | 1.43 | < 0.2 | 5 | 280 | < 0.5 | < 2 | 0.12 | < 0.5 | 5 | 16 | 10 | 1.85 | < 10 | < 1 | 0.05 | 20 | 0.43 | 157 |
| L0E 0+50S | 201 | 238 | < 5 | 1.91 | 0.2 | 15 | 280 | < 0.5 | < 2 | 0.11 | < 0.5 | 5 | 20 | 10 | 2.48 | < 10 | < 1 | 0.06 | 20 | 0.41 | 213 |
| L0E 1+00S | 201 | 238 | < 5 | 1.14 | < 0.2 | < 5 | 240 | < 0.5 | < 2 | 0.08 | < 0.5 | 4 | 13 | 9 | 1.69 | < 10 | < 1 | 0.05 | 10 | 0.33 | 133 |
| L0E 1+50S | 201 | 238 | < 5 | 1.61 | < 0.2 | < 5 | 260 | 0.5 | 2 | 0.10 | < 0.5 | 6 | 22 | 14 | 2.27 | < 10 | < 1 | 0.04 | 10 | 0.46 | 199 |
| L0E 2+00S | 201 | 238 | 185 | 1.33 | 0.8 | < 5 | 340 | < 0.5 | < 2 | 0.14 | < 0.5 | 13 | 17 | 10 | 2.05 | < 10 | < 1 | 0.08 | 20 | 0.26 | 1065 |
| L0E 2+50S | 201 | 238 | 15 | 1.51 | < 0.2 | < 5 | 270 | < 0.5 | 2 | 0.12 | < 0.5 | 5 | 20 | 9 | 2.24 | < 10 | < 1 | 0.06 | 10 | 0.37 | 173 |
| L0E 3+00S | 201 | 238 | 10 | 1.48 | < 0.2 | < 5 | 270 | < 0.5 | < 2 | 0.13 | < 0.5 | 6 | 20 | 11 | 2.19 | < 10 | < 1 | 0.06 | 10 | 0.37 | 195 |
| L0E 3+50S | 201 | 238 | 5 | 1.03 | 0.2 | 5 | 220 | < 0.5 | < 2 | 0.06 | < 0.5 | 3 | 11 | 7 | 1.34 | < 10 | < 1 | 0.07 | 20 | 0.24 | 79 |
| L0E 4+00S | 201 | 238 | 15 | 1.34 | < 0.2 | < 5 | 240 | < 0.5 | < 2 | 0.10 | < 0.5 | 5 | 17 | 8 | 2.10 | < 10 | < 1 | 0.07 | 20 | 0.36 | 139 |
| L0E 4+50S | 201 | 238 | 5 | 1.65 | < 0.2 | 10 | 270 | < 0.5 | < 2 | 0.09 | < 0.5 | 7 | 25 | 15 | 2.41 | < 10 | < 1 | 0.05 | 20 | 0.42 | 178 |
| L0E 5+00S | 201 | 238 | < 5 | 1.24 | 0.4 | < 5 | 220 | < 0.5 | < 2 | 0.08 | < 0.5 | 5 | 19 | 12 | 1.98 | < 10 | < 1 | 0.08 | 20 | 0.39 | 143 |
| L1E 0+10N | 201 | 238 | < 5 | 2.03 | < 0.2 | < 5 | 290 | < 0.5 | 2 | 0.07 | < 0.5 | 6 | 26 | 13 | 2.45 | < 10 | < 1 | 0.03 | 10 | 0.48 | 188 |
| L1E 0+50N | 201 | 238 | < 5 | 2.27 | < 0.2 | < 5 | 280 | < 0.5 | 2 | 0.11 | < 0.5 | 9 | 30 | 14 | 3.19 | < 10 | < 1 | 0.03 | 10 | 0.56 | 263 |
| L1E 1+00N | 201 | 238 | < 5 | 1.47 | < 0.2 | < 5 | 190 | < 0.5 | 2 | 0.17 | < 0.5 | 5 | 15 | 11 | 1.79 | < 10 | < 1 | 0.05 | 20 | 0.67 | 154 |
| L1E 1+50N | 201 | 238 | < 5 | 1.28 | < 0.2 | < 5 | 120 | < 0.5 | 2 | 0.14 | < 0.5 | 5 | 13 | 8 | 1.75 | < 10 | < 1 | 0.03 | 10 | 0.65 | 185 |
| L1E 2+00N | 201 | 238 | < 5 | 1.53 | < 0.2 | < 5 | 210 | < 0.5 | 2 | 0.13 | < 0.5 | 6 | 20 | 11 | 2.20 | < 10 | < 1 | 0.04 | 10 | 0.50 | 159 |
| L1E 2+50N | 201 | 238 | 5 | 1.27 | < 0.2 | < 5 | 190 | < 0.5 | 2 | 0.12 | < 0.5 | 5 | 19 | 14 | 1.81 | < 10 | < 1 | 0.04 | 20 | 0.46 | 171 |
| L1E 3+00N | 201 | 238 | < 5 | 1.20 | < 0.2 | < 5 | 210 | < 0.5 | < 2 | 0.15 | < 0.5 | 4 | 20 | 15 | 1.71 | < 10 | < 1 | 0.03 | 20 | 0.46 | 158 |
| L1E 3+50N | 201 | 238 | < 5 | 1.23 | < 0.2 | < 5 | 230 | < 0.5 | 2 | 0.16 | < 0.5 | 6 | 18 | 15 | 1.90 | < 10 | < 1 | 0.06 | 30 | 0.55 | 163 |
| L1E 4+00N | 201 | 238 | 10 | 1.50 | 0.2 | 10 | 350 | < 0.5 | 2 | 0.29 | < 0.5 | 7 | 24 | 18 | 2.19 | < 10 | 1 | 0.06 | 30 | 0.67 | 195 |
| L1E 4+50N | 201 | 238 | < 5 | 1.80 | 0.2 | 15 | 280 | < 0.5 | 2 | 0.19 | < 0.5 | 6 | 24 | 14 | 2.25 | < 10 | < 1 | 0.07 | 20 | 0.60 | 146 |
| L1E 5+00N | 201 | 238 | < 5 | 1.60 | 0.2 | < 5 | 370 | < 0.5 | < 2 | 0.30 | < 0.5 | 7 | 24 | 19 | 2.27 | < 10 | 1 | 0.06 | 30 | 0.64 | 190 |
| L1E 0+00S | 201 | 238 | < 5 | 1.92 | 0.2 | 5 | 310 | < 0.5 | 2 | 0.11 | < 0.5 | 6 | 21 | 8 | 2.30 | < 10 | < 1 | 0.07 | 20 | 0.55 | 176 |
| L1E 0+50S | 201 | 238 | < 5 | 1.46 | 0.2 | 10 | 230 | < 0.5 | 2 | 0.09 | < 0.5 | 4 | 13 | 7 | 1.86 | < 10 | < 1 | 0.08 | 20 | 0.44 | 130 |
| L1E 1+00S | 201 | 238 | < 5 | 1.32 | 0.4 | < 5 | 210 | < 0.5 | < 2 | 0.09 | < 0.5 | < 1 | 11 | 5 | 1.57 | < 10 | < 1 | 0.08 | 20 | 0.36 | 98 |
| L1E 1+50S | 201 | 238 | < 5 | 1.83 | 0.2 | 5 | 290 | < 0.5 | 2 | 0.10 | < 0.5 | 7 | 17 | 7 | 2.35 | < 10 | < 1 | 0.09 | 20 | 0.44 | 210 |
| L1E 2+00S | 201 | 238 | < 5 | 1.05 | 0.2 | < 5 | 240 | < 0.5 | < 2 | 0.06 | < 0.5 | < 1 | 7 | 4 | 1.28 | < 10 | < 1 | 0.11 | 20 | 0.24 | 73 |
| L1E 2+50S | 201 | 238 | < 5 | 1.51 | < 0.2 | 5 | 250 | < 0.5 | 2 | 0.10 | < 0.5 | < 1 | 15 | 7 | 1.81 | < 10 | < 1 | 0.10 | 20 | 0.38 | 122 |
| L1E 3+00S | 201 | 238 | < 5 | 1.51 | < 0.2 | 5 | 300 | < 0.5 | < 2 | 0.13 | < 0.5 | 5 | 16 | 8 | 1.81 | < 10 | < 1 | 0.09 | 20 | 0.41 | 133 |
| L1E 3+50S | 201 | 238 | < 5 | 1.44 | 0.2 | 5 | 310 | < 0.5 | 2 | 0.12 | < 0.5 | 5 | 17 | 9 | 1.82 | < 10 | < 1 | 0.10 | 30 | 0.43 | 130 |

CERTIFICATION : [signature]

**Chemex Labs Ltd.**
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
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PHONE (604) 984-0221

[redacted] MARK MANAGEMENT LIMITED
1800 - 999 W. HASTINGS ST.
VANCOUVER, BC
V6C 2W2
Project : DAWSON-REEF
Comments: ATTN: ART TROUP CC: PERRY GRUNENBERG

Page No. : 1-B
Tot. Pages: 7
Date : 14-JUL-88
Invoice # : I-8818344
P.O. # : ADR-KDR

# CERTIFICATE OF ANALYSIS A8818344

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LOE 0+50N | 201 | 238 | < 1 | < 0.01 | 7 | 130 | 6 | < 5 | 1 | 8 | 0.03 | < 10 | < 10 | 20 | < 5 | 39 |
| LOE 1+00N | 201 | 238 | < 1 | < 0.01 | 11 | 140 | 18 | < 5 | 3 | 9 | 0.03 | < 10 | < 10 | 23 | < 5 | 41 |
| LOE 1+50N | 201 | 238 | < 1 | 0.01 | 13 | 130 | 12 | < 5 | 3 | 10 | 0.07 | < 10 | < 10 | 42 | < 5 | 38 |
| LOE 2+00N | 201 | 238 | < 1 | < 0.01 | 19 | 250 | 14 | < 5 | 2 | 12 | 0.06 | < 10 | < 10 | 36 | < 5 | 43 |
| LOE 2+50N | 201 | 238 | < 1 | 0.01 | 13 | 260 | 22 | < 5 | 2 | 10 | 0.04 | 10 | < 10 | 30 | < 5 | 44 |
| LOE 3+00N | 201 | 238 | < 1 | < 0.01 | 10 | 230 | 16 | < 5 | 2 | 11 | 0.05 | < 10 | < 10 | 25 | < 5 | 46 |
| LOE 3+50N | 201 | 238 | < 1 | < 0.01 | 9 | 500 | 24 | < 5 | 2 | 16 | 0.05 | < 10 | < 10 | 22 | < 5 | 51 |
| LOE 4+00N | 201 | 238 | < 1 | 0.01 | 12 | 320 | 16 | < 5 | 2 | 13 | 0.06 | 10 | < 10 | 31 | < 5 | 44 |
| LOE 4+50N | 201 | 238 | < 1 | 0.01 | 14 | 390 | 20 | < 5 | 3 | 18 | 0.07 | < 10 | < 10 | 33 | < 5 | 53 |
| LOE 5+00N | 201 | 238 | < 1 | 0.01 | 18 | 410 | 18 | < 5 | 4 | 22 | 0.08 | < 10 | < 10 | 40 | < 5 | 59 |
| LOE 0+00S | 201 | 238 | < 1 | < 0.01 | 12 | 120 | 10 | < 5 | 2 | 11 | 0.05 | 10 | < 10 | 31 | < 5 | 39 |
| LOE 0+50S | 201 | 238 | < 1 | 0.01 | 10 | 210 | 14 | < 5 | 3 | 11 | 0.06 | < 10 | < 10 | 40 | < 5 | 44 |
| LOE 1+00S | 201 | 238 | < 1 | < 0.01 | 10 | 110 | 14 | < 5 | 1 | 9 | 0.05 | < 10 | < 10 | 24 | < 5 | 34 |
| LOE 1+50S | 201 | 238 | < 1 | 0.01 | 17 | 100 | 14 | < 5 | 2 | 11 | 0.06 | < 10 | < 10 | 36 | < 5 | 44 |
| LOE 2+00S | 201 | 238 | < 1 | 0.01 | 9 | 430 | 14 | < 5 | 2 | 12 | 0.06 | < 10 | < 10 | 36 | < 5 | 35 |
| LOE 2+50S | 201 | 238 | < 1 | 0.01 | 12 | 170 | 12 | < 5 | 2 | 11 | 0.07 | 10 | < 10 | 41 | < 5 | 37 |
| LOE 3+00S | 201 | 238 | < 1 | 0.01 | 13 | 140 | 14 | < 5 | 2 | 12 | 0.07 | 10 | 10 | 40 | < 5 | 36 |
| LOE 3+50S | 201 | 238 | < 1 | < 0.01 | 6 | 70 | 8 | < 5 | 1 | 8 | 0.02 | < 10 | < 10 | 17 | < 5 | 26 |
| LOE 4+00S | 201 | 238 | < 1 | < 0.01 | 10 | 140 | 10 | < 5 | 2 | 9 | 0.05 | < 10 | < 10 | 34 | < 5 | 36 |
| LOE 4+50S | 201 | 238 | < 1 | < 0.01 | 15 | 110 | 18 | < 5 | 2 | 9 | 0.05 | < 10 | < 10 | 35 | < 5 | 46 |
| LOE 5+00S | 201 | 238 | < 1 | < 0.01 | 9 | 100 | 12 | < 5 | 2 | 8 | 0.04 | < 10 | < 10 | 27 | < 5 | 43 |
| L1E 0+10N | 201 | 238 | < 1 | < 0.01 | 11 | 130 | 8 | < 5 | 2 | 8 | 0.05 | 10 | 10 | 37 | < 5 | 46 |
| L1E 0+50N | 201 | 238 | < 1 | 0.01 | 16 | 310 | 14 | < 5 | 3 | 11 | 0.08 | < 10 | < 10 | 57 | < 5 | 56 |
| L1E 1+00N | 201 | 238 | < 1 | < 0.01 | 9 | 220 | 16 | < 5 | 2 | 20 | 0.08 | < 10 | < 10 | 26 | < 5 | 41 |
| L1E 1+50N | 201 | 238 | < 1 | < 0.01 | 8 | 160 | 4 | < 5 | 1 | 14 | 0.06 | < 10 | < 10 | 19 | < 5 | 43 |
| L1E 2+00N | 201 | 238 | < 1 | 0.01 | 9 | 170 | 12 | < 5 | 2 | 11 | 0.07 | < 10 | < 10 | 37 | < 5 | 40 |
| L1E 2+50N | 201 | 238 | < 1 | 0.01 | 12 | 180 | 12 | < 5 | 2 | 10 | 0.06 | < 10 | < 10 | 29 | < 5 | 38 |
| L1E 3+00N | 201 | 238 | < 1 | < 0.01 | 10 | 270 | 14 | < 5 | 2 | 13 | 0.05 | < 10 | < 10 | 29 | < 5 | 39 |
| L1E 3+50N | 201 | 238 | < 1 | 0.01 | 14 | 360 | 18 | < 5 | 3 | 15 | 0.06 | < 10 | < 10 | 31 | < 5 | 44 |
| L1E 4+00N | 201 | 238 | < 1 | 0.01 | 16 | 450 | 12 | < 5 | 4 | 25 | 0.09 | < 10 | < 10 | 38 | < 5 | 53 |
| L1E 4+50N | 201 | 238 | < 1 | 0.01 | 15 | 350 | 10 | 10 | 3 | 18 | 0.08 | < 10 | < 10 | 41 | < 5 | 53 |
| L1E 5+00N | 201 | 238 | < 1 | 0.01 | 18 | 440 | 12 | < 5 | 5 | 26 | 0.09 | < 10 | < 10 | 40 | < 5 | 57 |
| L1E 0+00S | 201 | 238 | < 1 | 0.01 | 9 | 140 | 10 | 5 | 3 | 13 | 0.08 | < 10 | < 10 | 43 | < 5 | 42 |
| L1E 0+50S | 201 | 238 | < 1 | 0.01 | 7 | 130 | 16 | 5 | 2 | 11 | 0.04 | < 10 | < 10 | 28 | < 5 | 35 |
| L1E 1+00S | 201 | 238 | < 1 | 0.01 | 6 | 90 | 12 | < 5 | 2 | 11 | 0.04 | < 10 | < 10 | 26 | < 5 | 28 |
| L1E 1+50S | 201 | 238 | < 1 | 0.01 | 8 | 200 | 16 | < 5 | 3 | 13 | 0.06 | < 10 | < 10 | 40 | < 5 | 39 |
| L1E 2+00S | 201 | 238 | < 1 | < 0.01 | 3 | 110 | 14 | < 5 | 2 | 10 | 0.03 | < 10 | < 10 | 18 | < 5 | 22 |
| L1E 2+50S | 201 | 238 | < 1 | 0.01 | 8 | 110 | 14 | < 5 | 3 | 14 | 0.05 | < 10 | < 10 | 29 | < 5 | 32 |
| L1E 3+00S | 201 | 238 | < 1 | 0.01 | 9 | 110 | 14 | < 5 | 3 | 16 | 0.06 | < 10 | < 10 | 32 | < 5 | 32 |
| L1E 3+50S | 201 | 238 | < 1 | 0.01 | 8 | 100 | 14 | < 5 | 3 | 16 | 0.05 | < 10 | < 10 | 27 | < 5 | 34 |

CERTIFICATION : B. Caughlin

**Chemex Labs Ltd.**
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1800 - 999 W. HASTINGS ST.
VANCOUVER, BC
V6C 2W2
Project : DAWSON-REEF
Comments: ATTN: ART TROUP CC: PERRY GRUNENBERG


Date : 14-JUL-88
Invoice # : I-8818344
P.O. # : ADR-KDR

# CERTIFICATE OF ANALYSIS A8818344

| SAMPLE DESCRIPTION | PREP CODE | | Au ppb FA+AA | Al % | Ag ppm | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L1E 4+00S | 201 | 238 | < 5 | 1.39 | 0.2 | 30 | 340 | < 0.5 | 2 | 0.16 | < 0.5 | 7 | 19 | 13 | 2.08 | < 10 | < 1 | 0.15 | 30 | 0.55 | 206 |
| L1E 4+50S | 201 | 238 | 10 | 1.59 | 0.2 | 10 | 380 | < 0.5 | < 2 | 0.20 | < 0.5 | 6 | 21 | 11 | 2.04 | < 10 | < 1 | 0.08 | 20 | 0.46 | 135 |
| L1E 5+00S | 201 | 238 | 10 | 1.40 | 0.2 | 15 | 310 | < 0.5 | 2 | 0.23 | < 0.5 | 5 | 19 | 9 | 1.89 | < 10 | < 1 | 0.09 | 20 | 0.47 | 160 |
| L2E 0+50N | 201 | 238 | < 5 | 1.67 | 0.2 | 10 | 440 | < 0.5 | 2 | 0.17 | < 0.5 | 5 | 19 | 10 | 1.99 | < 10 | 1 | 0.11 | 20 | 0.49 | 184 |
| L2E 1+00N | 201 | 238 | < 5 | 1.43 | < 0.2 | < 5 | 250 | < 0.5 | < 2 | 0.10 | < 0.5 | 5 | 16 | 8 | 2.13 | < 10 | < 1 | 0.07 | 10 | 0.51 | 207 |
| L2E 1+50N | 201 | 238 | < 5 | 1.37 | < 0.2 | < 5 | 180 | < 0.5 | < 2 | 0.18 | < 0.5 | 6 | 16 | 11 | 1.74 | < 10 | < 1 | 0.05 | 20 | 0.69 | 155 |
| L2E 2+00N | 201 | 238 | 5 | 1.07 | < 0.2 | 10 | 150 | < 0.5 | < 2 | 0.11 | < 0.5 | < 1 | 13 | 7 | 1.28 | < 10 | < 1 | 0.07 | 20 | 0.37 | 95 |
| L2E 2+50N | 201 | 238 | < 5 | 1.02 | < 0.2 | < 5 | 130 | < 0.5 | < 2 | 0.10 | < 0.5 | < 1 | 11 | 6 | 1.22 | < 10 | < 1 | 0.08 | 10 | 0.38 | 84 |
| L2E 3+00N | 201 | 238 | < 5 | 1.40 | < 0.2 | 10 | 220 | < 0.5 | < 2 | 0.16 | < 0.5 | 4 | 17 | 10 | 1.59 | < 10 | < 1 | 0.08 | 30 | 0.57 | 111 |
| L2E 3+50N | 201 | 238 | < 5 | 1.40 | 0.2 | < 5 | 400 | < 0.5 | < 2 | 0.28 | < 0.5 | 8 | 24 | 19 | 2.18 | < 10 | < 1 | 0.07 | 30 | 0.55 | 218 |
| L2E 4+00N | 201 | 238 | < 5 | 1.29 | < 0.2 | < 5 | 170 | < 0.5 | 2 | 0.18 | < 0.5 | 5 | 19 | 12 | 1.73 | < 10 | 2 | 0.07 | 20 | 0.44 | 128 |
| L2E 4+50N | 201 | 238 | 5 | 1.75 | < 0.2 | 20 | 270 | < 0.5 | 2 | 0.23 | < 0.5 | 6 | 24 | 15 | 2.17 | < 10 | < 1 | 0.09 | 30 | 0.58 | 160 |
| L2E 5+00N | 201 | 238 | < 5 | 1.81 | < 0.2 | < 5 | 320 | < 0.5 | 2 | 0.29 | < 0.5 | 7 | 25 | 18 | 2.31 | < 10 | 1 | 0.08 | 30 | 0.64 | 170 |
| L2E 0+00S | 201 | 238 | < 5 | 2.34 | < 0.2 | 15 | 540 | < 0.5 | 2 | 0.14 | < 0.5 | 8 | 31 | 14 | 3.44 | < 10 | 1 | 0.06 | 10 | 0.53 | 176 |
| L2E 0+50S | 201 | 238 | < 5 | 1.61 | < 0.2 | < 5 | 320 | < 0.5 | < 2 | 0.09 | < 0.5 | 4 | 16 | 7 | 2.15 | < 10 | < 1 | 0.06 | 10 | 0.30 | 121 |
| L2E 1+00S | 201 | 238 | < 5 | 1.55 | < 0.2 | 15 | 290 | < 0.5 | < 2 | 0.14 | < 0.5 | 6 | 20 | 12 | 2.16 | < 10 | < 1 | 0.06 | 20 | 0.48 | 161 |
| L2E 1+50S | 201 | 238 | 10 | 1.51 | 0.2 | 10 | 470 | < 0.5 | < 2 | 0.18 | < 0.5 | 5 | 22 | 12 | 2.21 | < 10 | < 1 | 0.05 | 20 | 0.43 | 126 |
| L2E 2+00S | 201 | 238 | 15 | 1.29 | 0.2 | 5 | 380 | < 0.5 | 2 | 0.18 | < 0.5 | 6 | 18 | 13 | 2.04 | < 10 | < 1 | 0.09 | 20 | 0.47 | 205 |
| L2E 2+50S | 201 | 238 | 5 | 1.73 | 0.4 | 10 | 360 | < 0.5 | 2 | 0.18 | < 0.5 | 6 | 22 | 11 | 2.09 | < 10 | < 1 | 0.08 | 20 | 0.57 | 173 |
| L2E 3+00S | 201 | 238 | < 5 | 1.66 | 0.2 | 10 | 350 | < 0.5 | 2 | 0.24 | < 0.5 | 6 | 25 | 13 | 2.17 | < 10 | 1 | 0.09 | 20 | 0.61 | 188 |
| L2E 3+50S | 201 | 238 | < 5 | 1.65 | < 0.2 | 5 | 330 | < 0.5 | 2 | 0.16 | < 0.5 | 7 | 21 | 16 | 2.28 | < 10 | < 1 | 0.09 | 20 | 0.61 | 170 |
| L2E 4+00S | 201 | 238 | < 5 | 1.51 | 0.2 | 30 | 220 | < 0.5 | < 2 | 0.13 | < 0.5 | 6 | 19 | 11 | 2.14 | < 10 | < 1 | 0.07 | 10 | 0.47 | 182 |
| L2E 4+50S | 201 | 238 | < 5 | 1.18 | < 0.2 | 15 | 270 | < 0.5 | < 2 | 0.16 | < 0.5 | 6 | 17 | 12 | 1.74 | < 10 | < 1 | 0.05 | 20 | 0.50 | 165 |
| L2E 5+00S | 201 | 238 | < 5 | 1.54 | < 0.2 | 35 | 230 | < 0.5 | 2 | 0.16 | < 0.5 | 6 | 22 | 10 | 2.17 | < 10 | < 1 | 0.08 | 20 | 0.53 | 165 |
| L3E 0+00N | 201 | 238 | < 5 | 1.87 | 0.2 | < 5 | 220 | < 0.5 | 2 | 0.14 | < 0.5 | 6 | 22 | 12 | 2.33 | < 10 | < 1 | 0.06 | 10 | 0.68 | 164 |
| L3E 0+50N | 201 | 238 | < 5 | 3.05 | 0.2 | 15 | 290 | < 0.5 | 4 | 0.16 | < 0.5 | 11 | 36 | 21 | 3.94 | < 10 | 1 | 0.07 | 20 | 0.69 | 259 |
| L3E 1+00N | 201 | 238 | < 5 | 2.74 | 0.2 | 10 | 230 | < 0.5 | < 2 | 0.09 | < 0.5 | 8 | 17 | 11 | 3.17 | < 10 | 1 | 0.08 | 40 | 1.37 | 222 |
| L3E 1+50N | 201 | 238 | < 5 | 1.67 | 0.2 | 5 | 310 | < 0.5 | 2 | 0.17 | < 0.5 | 6 | 20 | 12 | 2.02 | < 10 | < 1 | 0.12 | 30 | 0.44 | 160 |
| L3E 2+00N | 201 | 238 | < 5 | 2.11 | < 0.2 | 10 | 240 | < 0.5 | < 2 | 0.17 | < 0.5 | 9 | 26 | 15 | 2.76 | < 10 | < 1 | 0.09 | 20 | 0.64 | 171 |
| L3E 2+50N | 201 | 238 | < 5 | 1.47 | 0.2 | 10 | 200 | < 0.5 | 2 | 0.18 | < 0.5 | 6 | 20 | 13 | 1.92 | < 10 | 4 | 0.07 | 30 | 0.67 | 139 |
| L3E 3+00N | 201 | 238 | < 5 | 1.63 | 0.2 | 5 | 210 | < 0.5 | 4 | 0.21 | < 0.5 | 6 | 22 | 15 | 2.12 | < 10 | 1 | 0.08 | 30 | 0.67 | 153 |
| L3E 3+50N | 201 | 238 | < 5 | 1.60 | 0.2 | < 5 | 280 | < 0.5 | < 2 | 0.22 | < 0.5 | 7 | 23 | 16 | 2.12 | < 10 | 2 | 0.07 | 30 | 0.66 | 169 |
| L3E 4+00N | 201 | 238 | < 5 | 1.79 | 0.2 | 10 | 280 | < 0.5 | 2 | 0.17 | < 0.5 | 7 | 23 | 20 | 2.33 | < 10 | < 1 | 0.09 | 30 | 0.60 | 126 |
| L3E 4+50N | 201 | 238 | < 5 | 1.66 | 0.2 | 5 | 340 | < 0.5 | < 2 | 0.31 | < 0.5 | 6 | 24 | 16 | 2.17 | < 10 | < 1 | 0.10 | 40 | 0.70 | 191 |
| L3E 5+00N | 201 | 238 | < 5 | 1.62 | 0.2 | < 5 | 270 | < 0.5 | 2 | 0.27 | < 0.5 | 6 | 23 | 16 | 2.13 | < 10 | < 1 | 0.07 | 30 | 0.63 | 175 |
| L3E 0+00S | 201 | 238 | < 5 | 1.89 | 0.2 | < 5 | 210 | < 0.5 | 2 | 0.11 | < 0.5 | 7 | 23 | 21 | 2.57 | < 10 | 1 | 0.05 | 20 | 0.63 | 187 |
| L3E 0+50S | 201 | 238 | < 5 | 2.02 | 0.2 | < 5 | 230 | < 0.5 | 2 | 0.14 | < 0.5 | 23 | 25 | 19 | 2.60 | < 10 | < 1 | 0.06 | 20 | 0.74 | 573 |
| L3E 1+00S | 201 | 238 | < 5 | 1.58 | < 0.2 | 20 | 190 | < 0.5 | 2 | 0.11 | < 0.5 | 6 | 15 | 10 | 1.93 | < 10 | < 1 | 0.05 | 20 | 0.67 | 156 |
| L3E 1+50S | 201 | 238 | < 5 | 1.37 | < 0.2 | < 5 | 200 | < 0.5 | 2 | 0.15 | < 0.5 | 6 | 17 | 11 | 1.83 | < 10 | < 1 | 0.05 | 20 | 0.63 | 162 |
| L3E 2+00S | 201 | 238 | < 5 | 1.58 | 0.2 | 5 | 390 | < 0.5 | < 2 | 0.25 | < 0.5 | 6 | 20 | 15 | 2.03 | < 10 | < 1 | 0.08 | 20 | 0.65 | 157 |

CERTIFICATION :

**Chemex Labs Ltd.**
Analytical Chemists * Geochemists * Registered Assayers
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Project : DAWSON-REEF
Comments: ATTN: ART TROUP CC: PERRY GRUNENBERG

Pa[redacted]. :2-B
Tot[redacted]ages: 7
Date :14-JUL-88
Invoice # :I-8818344
P.O. # :ADR-KDR

# CERTIFICATE OF ANALYSIS A8818344

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L1E 4+00S | 201 | 238 | < 1 | 0.01 | 10 | 240 | 20 | < 5 | 3 | 17 | 0.05 | < 10 | < 10 | 30 | < 5 | 46 |
| L1E 4+50S | 201 | 238 | < 1 | 0.01 | 10 | 330 | 12 | < 5 | 3 | 19 | 0.08 | < 10 | < 10 | 40 | < 5 | 38 |
| L1E 5+00S | 201 | 238 | < 1 | 0.01 | 11 | 380 | 10 | < 5 | 3 | 22 | 0.09 | < 10 | < 10 | 37 | < 5 | 37 |
| L2E 0+50N | 201 | 238 | < 1 | 0.01 | 8 | 180 | 16 | < 5 | 3 | 21 | 0.10 | < 10 | < 10 | 44 | < 5 | 43 |
| L2E 1+00N | 201 | 238 | < 1 | 0.01 | 8 | 310 | 14 | < 5 | 2 | 13 | 0.07 | < 10 | < 10 | 35 | < 5 | 44 |
| L2E 1+50N | 201 | 238 | 1 | 0.01 | 8 | 150 | 18 | < 5 | 2 | 18 | 0.12 | < 10 | < 10 | 24 | < 5 | 39 |
| L2E 2+00N | 201 | 238 | < 1 | 0.01 | 8 | 110 | 16 | < 5 | 2 | 15 | 0.07 | < 10 | < 10 | 23 | < 5 | 25 |
| L2E 2+50N | 201 | 238 | < 1 | 0.01 | 7 | 200 | 20 | < 5 | 2 | 11 | 0.06 | < 10 | < 10 | 23 | < 5 | 27 |
| L2E 3+00N | 201 | 238 | < 1 | 0.01 | 10 | 240 | 14 | < 5 | 3 | 17 | 0.07 | < 10 | < 10 | 28 | < 5 | 37 |
| L2E 3+50N | 201 | 238 | < 1 | 0.01 | 17 | 360 | 10 | < 5 | 4 | 24 | 0.10 | < 10 | < 10 | 43 | < 5 | 49 |
| L2E 4+00N | 201 | 238 | 1 | 0.01 | 11 | 330 | 12 | < 5 | 3 | 16 | 0.08 | < 10 | < 10 | 35 | < 5 | 39 |
| L2E 4+50N | 201 | 238 | < 1 | 0.01 | 14 | 410 | 14 | 5 | 4 | 22 | 0.09 | < 10 | < 10 | 42 | < 5 | 50 |
| L2E 5+00N | 201 | 238 | < 1 | 0.01 | 15 | 480 | 18 | < 5 | 4 | 25 | 0.10 | < 10 | < 10 | 43 | < 5 | 56 |
| L2E 0+00S | 201 | 238 | < 1 | 0.01 | 16 | 240 | 22 | < 5 | 4 | 16 | 0.11 | < 10 | < 10 | 64 | < 5 | 43 |
| L2E 0+50S | 201 | 238 | 1 | 0.01 | 7 | 360 | 10 | < 5 | 2 | 12 | 0.07 | < 10 | < 10 | 45 | < 5 | 32 |
| L2E 1+00S | 201 | 238 | < 1 | 0.01 | 12 | 160 | 8 | < 5 | 3 | 17 | 0.08 | < 10 | < 10 | 37 | < 5 | 37 |
| L2E 1+50S | 201 | 238 | < 1 | 0.01 | 11 | 470 | 16 | < 5 | 2 | 19 | 0.07 | < 10 | < 10 | 46 | < 5 | 35 |
| L2E 2+00S | 201 | 238 | < 1 | 0.01 | 12 | 330 | 10 | < 5 | 3 | 21 | 0.08 | < 10 | < 10 | 38 | < 5 | 41 |
| L2E 2+50S | 201 | 238 | < 1 | 0.01 | 14 | 190 | 6 | < 5 | 3 | 19 | 0.09 | < 10 | < 10 | 40 | < 5 | 40 |
| L2E 3+00S | 201 | 238 | < 1 | 0.01 | 14 | 330 | 10 | < 5 | 4 | 24 | 0.10 | < 10 | < 10 | 42 | < 5 | 44 |
| L2E 3+50S | 201 | 238 | < 1 | 0.01 | 13 | 270 | 16 | < 5 | 3 | 18 | 0.07 | < 10 | < 10 | 37 | < 5 | 50 |
| L2E 4+00S | 201 | 238 | < 1 | 0.01 | 9 | 160 | 10 | < 5 | 2 | 15 | 0.06 | < 10 | < 10 | 34 | < 5 | 37 |
| L2E 4+50S | 201 | 238 | < 1 | 0.01 | 11 | 120 | 12 | < 5 | 3 | 17 | 0.06 | < 10 | < 10 | 27 | < 5 | 36 |
| L2E 5+00S | 201 | 238 | < 1 | 0.01 | 12 | 160 | 16 | < 5 | 3 | 16 | 0.08 | < 10 | < 10 | 37 | < 5 | 41 |
| L3E 0+00N | 201 | 238 | < 1 | 0.01 | 9 | 150 | 16 | < 5 | 3 | 19 | 0.08 | < 10 | < 10 | 41 | < 5 | 46 |
| L3E 0+50N | 201 | 238 | < 1 | 0.01 | 22 | 450 | 18 | < 5 | 4 | 18 | 0.10 | < 10 | < 10 | 63 | < 5 | 50 |
| L3E 1+00N | 201 | 238 | < 1 | 0.01 | 8 | 200 | 22 | < 5 | 5 | 14 | 0.02 | < 10 | < 10 | 31 | < 5 | 70 |
| L3E 1+50N | 201 | 238 | < 1 | 0.01 | 10 | 140 | 24 | < 5 | 4 | 22 | 0.06 | < 10 | < 10 | 34 | < 5 | 34 |
| L3E 2+00N | 201 | 238 | < 1 | 0.01 | 17 | 260 | 18 | < 5 | 4 | 16 | 0.09 | < 10 | < 10 | 47 | < 5 | 47 |
| L3E 2+50N | 201 | 238 | < 1 | 0.01 | 12 | 310 | 18 | < 5 | 3 | 17 | 0.08 | < 10 | < 10 | 33 | < 5 | 41 |
| L3E 3+00N | 201 | 238 | < 1 | 0.01 | 11 | 430 | 10 | < 5 | 3 | 18 | 0.08 | < 10 | < 10 | 37 | < 5 | 46 |
| L3E 3+50N | 201 | 238 | < 1 | 0.01 | 13 | 360 | 22 | < 5 | 4 | 20 | 0.08 | < 10 | < 10 | 37 | < 5 | 49 |
| L3E 4+00N | 201 | 238 | < 1 | 0.01 | 14 | 510 | 18 | < 5 | 3 | 17 | 0.06 | < 10 | < 10 | 38 | < 5 | 48 |
| L3E 4+50N | 201 | 238 | < 1 | 0.01 | 14 | 460 | 12 | < 5 | 4 | 29 | 0.10 | < 10 | < 10 | 40 | < 5 | 53 |
| L3E 5+00N | 201 | 238 | < 1 | 0.01 | 13 | 460 | 6 | < 5 | 4 | 23 | 0.10 | < 10 | < 10 | 40 | < 5 | 52 |
| L3E 0+00S | 201 | 238 | < 1 | 0.01 | 14 | 170 | 24 | < 5 | 3 | 13 | 0.08 | < 10 | < 10 | 44 | < 5 | 42 |
| L3E 0+50S | 201 | 238 | < 1 | 0.01 | 14 | 190 | 16 | < 5 | 4 | 18 | 0.09 | < 10 | < 10 | 42 | < 5 | 52 |
| L3E 1+00S | 201 | 238 | < 1 | 0.01 | 10 | 120 | 16 | < 5 | 2 | 14 | 0.06 | < 10 | < 10 | 24 | < 5 | 44 |
| L3E 1+50S | 201 | 238 | < 1 | 0.01 | 11 | 140 | 6 | < 5 | 2 | 17 | 0.08 | < 10 | < 10 | 26 | < 5 | 44 |
| L3E 2+00S | 201 | 238 | < 1 | 0.01 | 12 | 190 | 14 | < 5 | 3 | 24 | 0.08 | < 10 | < 10 | 33 | < 5 | 43 |

CERTIFICATION : B. Caplin

# Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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Project : DAWSON-REEF
Comments: ATTN: ART TROUP CC: PERRY GRUNENBERG

Page No. : 3-A
Tot. Pages: 7
Date : 14-JUL-88
Invoice # : I-8818344
P.O. # : ADR-KDR

## CERTIFICATE OF ANALYSIS A8818344

| SAMPLE DESCRIPTION | PREP CODE | | Au ppb FA+AA | Al % | Ag ppm | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L3E 2+50S | 201 | 238 | < 5 | 1.31 | 0.2 | 5 | 240 | < 0.5 | 2 | 0.20 | < 0.5 | 5 | 19 | 10 | 1.78 | < 10 | < 1 | 0.06 | 20 | 0.48 | 140 |
| L3E 3+00S | 201 | 238 | < 5 | 1.32 | 0.2 | 20 | 250 | < 0.5 | 2 | 0.15 | < 0.5 | 4 | 17 | 9 | 1.77 | < 10 | < 1 | 0.10 | 30 | 0.45 | 137 |
| L3E 3+50S | 201 | 238 | < 5 | 1.78 | 0.2 | 60 | 220 | < 0.5 | < 2 | 0.11 | < 0.5 | 6 | 21 | 9 | 2.43 | < 10 | < 1 | 0.07 | 20 | 0.43 | 173 |
| L3E 4+00S | 201 | 238 | < 5 | 1.19 | 0.2 | 60 | 220 | < 0.5 | < 2 | 0.09 | < 0.5 | 4 | 14 | 10 | 1.64 | < 10 | < 1 | 0.10 | 20 | 0.36 | 110 |
| L3E 4+50S | 201 | 238 | 10 | 1.50 | < 0.2 | 25 | 150 | < 0.5 | 2 | 0.22 | < 0.5 | 6 | 24 | 14 | 2.47 | < 10 | < 1 | 0.05 | 20 | 0.42 | 148 |
| L3E 5+00S | 201 | 238 | < 5 | 1.33 | 0.2 | 45 | 230 | < 0.5 | 2 | 0.18 | < 0.5 | 6 | 24 | 12 | 2.06 | < 10 | 1 | 0.06 | 20 | 0.41 | 163 |
| L4E 0+00N | 201 | 238 | < 5 | 1.89 | 0.4 | 10 | 260 | < 0.5 | 2 | 0.12 | < 0.5 | 5 | 23 | 13 | 2.42 | < 10 | 1 | 0.09 | 30 | 0.41 | 189 |
| L4E 0+50N | 201 | 238 | < 5 | 2.06 | 0.4 | < 5 | 390 | < 0.5 | 2 | 0.12 | < 0.5 | 7 | 19 | 12 | 2.54 | < 10 | < 1 | 0.09 | 20 | 0.34 | 226 |
| L4E 1+00N | 201 | 238 | 10 | 2.35 | < 0.2 | < 5 | 240 | < 0.5 | 2 | 0.14 | 0.5 | 6 | 31 | 10 | 3.45 | < 10 | < 1 | 0.05 | 20 | 0.39 | 215 |
| L4E 1+50N | 201 | 238 | < 5 | 1.80 | 0.2 | 10 | 320 | < 0.5 | 2 | 0.13 | < 0.5 | 6 | 21 | 10 | 2.11 | < 10 | < 1 | 0.06 | 20 | 0.33 | 122 |
| L4E 2+00N | 201 | 238 | < 5 | 1.50 | 0.4 | < 5 | 190 | < 0.5 | 2 | 0.15 | < 0.5 | 6 | 19 | 13 | 1.94 | < 10 | < 1 | 0.06 | 30 | 0.55 | 152 |
| L4E 2+50N | 201 | 238 | < 5 | 1.58 | 0.2 | 5 | 360 | < 0.5 | < 2 | 0.24 | < 0.5 | 7 | 23 | 16 | 2.15 | < 10 | < 1 | 0.07 | 40 | 0.58 | 231 |
| L4E 3+00N | 201 | 238 | < 5 | 1.60 | 0.2 | 5 | 200 | < 0.5 | < 2 | 0.18 | < 0.5 | 6 | 23 | 12 | 2.05 | < 10 | 1 | 0.08 | 30 | 0.68 | 155 |
| L4E 3+50N | 201 | 238 | 5 | 1.54 | 0.2 | < 5 | 200 | < 0.5 | 2 | 0.21 | < 0.5 | 6 | 21 | 16 | 2.01 | < 10 | < 1 | 0.09 | 30 | 0.67 | 175 |
| L4E 4+00N | 201 | 238 | < 5 | 1.68 | 0.4 | < 5 | 270 | < 0.5 | 2 | 0.20 | < 0.5 | 7 | 22 | 14 | 2.08 | < 10 | < 1 | 0.09 | 30 | 0.71 | 170 |
| L4E 4+50N | 201 | 238 | 10 | 1.51 | 0.4 | < 5 | 220 | < 0.5 | 2 | 0.21 | < 0.5 | 6 | 20 | 14 | 1.95 | < 10 | < 1 | 0.08 | 30 | 0.61 | 167 |
| L4E 5+00N | 201 | 238 | < 5 | 1.73 | 0.2 | 10 | 230 | < 0.5 | < 2 | 0.19 | < 0.5 | 7 | 22 | 15 | 2.20 | < 10 | < 1 | 0.08 | 30 | 0.61 | 164 |
| L4E 0+50S | 201 | 238 | < 5 | 1.49 | 0.4 | 5 | 280 | < 0.5 | 2 | 0.13 | < 0.5 | 5 | 19 | 12 | 1.90 | < 10 | < 1 | 0.10 | 30 | 0.39 | 136 |
| L4E 1+00S | 201 | 238 | < 5 | 1.27 | < 0.2 | 5 | 210 | < 0.5 | < 2 | 0.14 | < 0.5 | 5 | 19 | 10 | 1.78 | < 10 | 1 | 0.07 | 20 | 0.34 | 140 |
| L4E 1+50S | 201 | 238 | < 5 | 1.22 | 0.2 | 10 | 230 | < 0.5 | 2 | 0.18 | < 0.5 | 5 | 17 | 10 | 1.73 | < 10 | < 1 | 0.07 | 30 | 0.50 | 143 |
| L4E 2+00S | 201 | 238 | 10 | 2.13 | 0.4 | 10 | 320 | < 0.5 | 2 | 0.20 | < 0.5 | 8 | 29 | 17 | 2.60 | < 10 | < 1 | 0.08 | 20 | 0.67 | 220 |
| L4E 2+50S | 201 | 238 | < 5 | 1.64 | 0.2 | 40 | 270 | < 0.5 | < 2 | 0.22 | < 0.5 | 6 | 23 | 12 | 2.32 | < 10 | 1 | 0.08 | 20 | 0.49 | 182 |
| L4E 3+00S | 201 | 238 | < 5 | 1.61 | 0.2 | 30 | 280 | < 0.5 | 2 | 0.19 | < 0.5 | 7 | 24 | 13 | 2.35 | < 10 | < 1 | 0.08 | 20 | 0.47 | 194 |
| L4E 3+50S | 201 | 238 | < 5 | 1.50 | 0.2 | 35 | 210 | < 0.5 | 2 | 0.12 | < 0.5 | 6 | 22 | 12 | 2.14 | < 10 | < 1 | 0.11 | 20 | 0.42 | 168 |
| L4E 4+00S | 201 | 238 | < 5 | 1.44 | 0.4 | 25 | 210 | < 0.5 | 2 | 0.14 | < 0.5 | 5 | 19 | 9 | 2.02 | < 10 | < 1 | 0.09 | 30 | 0.44 | 150 |
| L4E 4+50S | 201 | 238 | < 5 | 1.91 | 0.2 | 40 | 260 | < 0.5 | 2 | 0.14 | < 0.5 | 6 | 23 | 13 | 2.40 | < 10 | 1 | 0.12 | 30 | 0.44 | 176 |
| L4E 5+00S | 201 | 238 | < 5 | 1.22 | < 0.2 | 65 | 190 | < 0.5 | 2 | 0.16 | < 0.5 | 5 | 20 | 9 | 1.75 | < 10 | < 1 | 0.07 | 30 | 0.34 | 130 |
| L5E 0+00N | 201 | 238 | < 5 | 2.29 | < 0.2 | 10 | 300 | < 0.5 | < 2 | 0.12 | < 0.5 | 9 | 30 | 12 | 2.80 | < 10 | < 1 | 0.06 | 20 | 0.56 | 267 |
| L5E 0+50N | 201 | 238 | < 5 | 2.60 | < 0.2 | 5 | 320 | < 0.5 | < 2 | 0.15 | < 0.5 | 10 | 36 | 15 | 3.13 | < 10 | < 1 | 0.05 | 20 | 0.56 | 231 |
| L5E 1+00N | 201 | 238 | < 5 | 2.66 | < 0.2 | < 5 | 250 | < 0.5 | 2 | 0.16 | 1.0 | 11 | 36 | 17 | 3.39 | < 10 | 1 | 0.06 | 20 | 0.58 | 288 |
| L5E 1+50N | 201 | 238 | < 5 | 1.70 | < 0.2 | 5 | 130 | < 0.5 | < 2 | 0.14 | < 0.5 | 6 | 24 | 10 | 2.49 | < 10 | < 1 | 0.06 | 20 | 0.53 | 143 |
| L5E 2+00N | 201 | 238 | < 5 | 1.66 | < 0.2 | < 5 | 140 | < 0.5 | 2 | 0.14 | < 0.5 | 5 | 23 | 11 | 2.11 | < 10 | < 1 | 0.06 | 20 | 0.62 | 118 |
| L5E 2+50N | 201 | 238 | < 5 | 1.78 | < 0.2 | 5 | 240 | < 0.5 | 2 | 0.21 | < 0.5 | 7 | 25 | 16 | 2.41 | < 10 | 1 | 0.08 | 40 | 0.99 | 221 |
| L5E 3+00N | 201 | 238 | < 5 | 1.60 | < 0.2 | 5 | 200 | < 0.5 | 2 | 0.20 | < 0.5 | 7 | 25 | 15 | 2.15 | < 10 | < 1 | 0.06 | 30 | 0.75 | 164 |
| L5E 3+50N | 201 | 238 | 10 | 1.44 | 0.2 | 15 | 240 | < 0.5 | 2 | 0.23 | < 0.5 | 6 | 21 | 15 | 2.03 | < 10 | < 1 | 0.07 | 30 | 0.74 | 191 |
| L5E 4+00N | 201 | 238 | 15 | 1.68 | < 0.2 | < 5 | 190 | < 0.5 | 2 | 0.17 | < 0.5 | 6 | 23 | 12 | 2.04 | < 10 | < 1 | 0.09 | 30 | 0.69 | 146 |
| L5E 4+50N | 201 | 238 | 5 | 1.86 | < 0.2 | 5 | 180 | < 0.5 | < 2 | 0.15 | < 0.5 | 6 | 24 | 12 | 2.21 | < 10 | < 1 | 0.09 | 20 | 0.67 | 164 |
| L5E 5+00N | 201 | 238 | < 5 | 1.64 | < 0.2 | 10 | 270 | < 0.5 | 2 | 0.23 | < 0.5 | 7 | 23 | 14 | 2.04 | < 10 | < 1 | 0.08 | 30 | 0.68 | 189 |
| L5E 0+00S | 201 | 238 | < 5 | 1.12 | < 0.2 | < 5 | 220 | < 0.5 | < 2 | 0.07 | < 0.5 | < 1 | 11 | 10 | 1.[illegible] | < 10 | < 1 | 0.15 | 30 | 0.27 | 78 |
| L5E 0+50S | 201 | 238 | < 5 | 2.11 | < 0.2 | 5 | 320 | < 0.5 | < 2 | 0.21 | < 0.5 | 7 | 32 | 18 | [illegible]75 | < 10 | < 1 | 0.07 | 20 | 0.60 | 189 |

CERTIFICATION : [signature]

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Comments: ATTN: ART TROUP CC: PERRY GRUNENBERG

Pa[redacted]o. : 3-B
Tot. Pages: 7
Date : 14-JUL-88
Invoice # : I-8818344
P.O. # : ADR-KDR

# CERTIFICATE OF ANALYSIS A8818344

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L3E 2+50S | 201 | 238 | 1 | 0.01 | 12 | 200 | 6 | < 5 | 2 | 19 | 0.08 | < 10 | < 10 | 32 | < 5 | 35 |
| L3E 3+00S | 201 | 238 | < 1 | 0.01 | 11 | 180 | 6 | < 5 | 2 | 16 | 0.06 | < 10 | < 10 | 29 | < 5 | 35 |
| L3E 3+50S | 201 | 238 | < 1 | 0.01 | 10 | 150 | 18 | < 5 | 3 | 12 | 0.06 | < 10 | < 10 | 39 | < 5 | 43 |
| L3E 4+00S | 201 | 238 | < 1 | 0.01 | 7 | 160 | 14 | < 5 | 2 | 11 | 0.04 | < 10 | < 10 | 24 | < 5 | 33 |
| L3E 4+50S | 201 | 238 | < 1 | 0.01 | 14 | 480 | 8 | < 5 | 3 | 17 | 0.08 | < 10 | < 10 | 46 | < 5 | 40 |
| L3E 5+00S | 201 | 238 | < 1 | 0.01 | 13 | 180 | 10 | < 5 | 3 | 16 | 0.08 | < 10 | < 10 | 39 | < 5 | 37 |
| L4E 0+00N | 201 | 238 | < 1 | 0.01 | 14 | 130 | 26 | < 5 | 3 | 13 | 0.08 | < 10 | < 10 | 47 | < 5 | 40 |
| L4E 0+50N | 201 | 238 | < 1 | 0.01 | 11 | 280 | 40 | < 5 | 3 | 14 | 0.08 | < 10 | < 10 | 54 | < 5 | 44 |
| L4E 1+00N | 201 | 238 | 1 | 0.01 | 10 | 290 | 22 | < 5 | 4 | 14 | 0.13 | < 10 | < 10 | 77 | < 5 | 59 |
| L4E 1+50N | 201 | 238 | < 1 | 0.01 | 11 | 120 | 20 | < 5 | 3 | 20 | 0.09 | < 10 | < 10 | 39 | < 5 | 27 |
| L4E 2+00N | 201 | 238 | < 1 | 0.01 | 10 | 170 | 16 | < 5 | 3 | 14 | 0.07 | < 10 | < 10 | 31 | < 5 | 42 |
| L4E 2+50N | 201 | 238 | < 1 | 0.01 | 14 | 390 | 14 | < 5 | 5 | 25 | 0.09 | < 10 | < 10 | 38 | < 5 | 46 |
| L4E 3+00N | 201 | 238 | < 1 | 0.01 | 15 | 340 | 12 | < 5 | 3 | 17 | 0.08 | < 10 | < 10 | 37 | < 5 | 44 |
| L4E 3+50N | 201 | 238 | < 1 | 0.01 | 13 | 380 | 16 | < 5 | 3 | 19 | 0.08 | < 10 | < 10 | 36 | < 5 | 48 |
| L4E 4+00N | 201 | 238 | < 1 | 0.01 | 12 | 350 | 16 | < 5 | 4 | 20 | 0.08 | < 10 | < 10 | 36 | < 5 | 49 |
| L4E 4+50N | 201 | 238 | < 1 | 0.01 | 14 | 420 | 22 | < 5 | 3 | 19 | 0.08 | < 10 | < 10 | 34 | < 5 | 48 |
| L4E 5+00N | 201 | 238 | < 1 | 0.01 | 12 | 450 | 16 | < 5 | 3 | 18 | 0.09 | < 10 | < 10 | 38 | < 5 | 51 |
| L4E 0+50S | 201 | 238 | < 1 | 0.01 | 10 | 140 | 14 | < 5 | 3 | 15 | 0.07 | < 10 | < 10 | 36 | < 5 | 34 |
| L4E 1+00S | 201 | 238 | < 1 | 0.01 | 9 | 120 | 12 | < 5 | 2 | 14 | 0.07 | < 10 | < 10 | 35 | < 5 | 28 |
| L4E 1+50S | 201 | 238 | < 1 | 0.01 | 9 | 280 | 12 | < 5 | 2 | 17 | 0.06 | < 10 | < 10 | 28 | < 5 | 36 |
| L4E 2+00S | 201 | 238 | < 1 | 0.01 | 15 | 160 | 8 | < 5 | 4 | 20 | 0.08 | < 10 | < 10 | 47 | < 5 | 52 |
| L4E 2+50S | 201 | 238 | < 1 | 0.01 | 14 | 480 | 20 | < 5 | 3 | 20 | 0.07 | < 10 | < 10 | 43 | < 5 | 47 |
| L4E 3+00S | 201 | 238 | < 1 | 0.01 | 13 | 220 | 14 | < 5 | 4 | 18 | 0.09 | < 10 | < 10 | 46 | < 5 | 43 |
| L4E 3+50S | 201 | 238 | 1 | 0.01 | 11 | 190 | 12 | < 5 | 3 | 14 | 0.07 | < 10 | < 10 | 40 | < 5 | 40 |
| L4E 4+00S | 201 | 238 | < 1 | 0.01 | 11 | 120 | 16 | < 5 | 3 | 15 | 0.07 | < 10 | < 10 | 38 | < 5 | 38 |
| L4E 4+50S | 201 | 238 | < 1 | 0.01 | 12 | 150 | 16 | < 5 | 4 | 15 | 0.07 | < 10 | < 10 | 47 | < 5 | 42 |
| L4E 5+00S | 201 | 238 | < 1 | 0.01 | 10 | 260 | 14 | < 5 | 3 | 15 | 0.07 | < 10 | < 10 | 33 | < 5 | 35 |
| L5E 0+00N | 201 | 238 | < 1 | 0.01 | 13 | 180 | 8 | < 5 | 4 | 14 | 0.09 | < 10 | < 10 | 55 | < 5 | 46 |
| L5E 0+50N | 201 | 238 | < 1 | 0.01 | 19 | 190 | 10 | < 5 | 4 | 17 | 0.13 | < 10 | < 10 | 70 | < 5 | 46 |
| L5E 1+00N | 201 | 238 | 1 | 0.01 | 20 | 200 | 14 | < 5 | 4 | 17 | 0.11 | < 10 | < 10 | 62 | < 5 | 50 |
| L5E 1+50N | 201 | 238 | < 1 | 0.01 | 13 | 320 | 16 | < 5 | 2 | 14 | 0.06 | < 10 | < 10 | 50 | < 5 | 37 |
| L5E 2+00N | 201 | 238 | < 1 | 0.01 | 10 | 390 | 10 | < 5 | 2 | 14 | 0.06 | < 10 | < 10 | 44 | < 5 | 38 |
| L5E 2+50N | 201 | 238 | < 1 | 0.01 | 14 | 440 | 14 | < 5 | 4 | 21 | 0.07 | < 10 | < 10 | 38 | < 5 | 56 |
| L5E 3+00N | 201 | 238 | < 1 | 0.01 | 13 | 370 | 12 | < 5 | 4 | 18 | 0.08 | < 10 | < 10 | 38 | < 5 | 46 |
| L5E 3+50N | 201 | 238 | < 1 | 0.01 | 13 | 430 | 12 | < 5 | 3 | 21 | 0.08 | < 10 | < 10 | 34 | < 5 | 51 |
| L5E 4+00N | 201 | 238 | < 1 | 0.01 | 12 | 380 | 10 | < 5 | 3 | 16 | 0.07 | < 10 | < 10 | 35 | < 5 | 47 |
| L5E 4+50N | 201 | 238 | < 1 | 0.01 | 12 | 380 | 18 | < 5 | 3 | 15 | 0.08 | < 10 | < 10 | 40 | < 5 | 47 |
| L5E 5+00N | 201 | 238 | < 1 | 0.01 | 14 | 390 | 18 | < 5 | 4 | 22 | 0.08 | < 10 | < 10 | 37 | < 5 | 51 |
| L5E 0+00S | 201 | 238 | < 1 | 0.01 | 8 | 70 | 20 | < 5 | 3 | 16 | 0.04 | < 10 | < 10 | 18 | < 5 | 24 |
| L5E 0+50S | 201 | 238 | < 1 | 0.01 | 17 | 220 | 10 | < 5 | 4 | 21 | 0.11 | < 10 | < 10 | 57 | < 5 | 45 |

CERTIFICATION : B. Caughlin

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Page No. : 4-A
Tot. Pages: 7
Date : 14-JUL-88
Invoice # : I-8818344
P.O. # : ADR-KDR

# CERTIFICATE OF ANALYSIS A8818344

| SAMPLE DESCRIPTION | PREP CODE | | Au ppb FA+AA | Al % | Ag ppm | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L5E 1+00S | 201 | 238 | < 5 | 0.99 | 0.4 | 45 | 220 | < 0.5 | 2 | 0.12 | < 0.5 | 1 | 9 | 8 | 1.29 | < 10 | < 1 | 0.14 | 60 | 0.51 | 161 |
| L5E 1+50S | 201 | 238 | < 5 | 1.46 | < 0.2 | 50 | 410 | < 0.5 | < 2 | 0.27 | < 0.5 | 7 | 25 | 16 | 2.23 | < 10 | 2 | 0.06 | 30 | 0.52 | 264 |
| L5E 2+00S | 201 | 238 | < 5 | 1.76 | < 0.2 | 45 | 290 | < 0.5 | 2 | 0.19 | < 0.5 | 7 | 26 | 16 | 2.62 | < 10 | < 1 | 0.07 | 20 | 0.51 | 196 |
| L5E 2+50S | 201 | 238 | < 5 | 1.66 | 0.4 | 55 | 180 | < 0.5 | < 2 | 0.10 | < 0.5 | 5 | 22 | 13 | 2.23 | < 10 | 1 | 0.09 | 30 | 0.41 | 186 |
| L5E 3+00S | 201 | 238 | < 5 | 1.53 | 0.2 | 40 | 190 | < 0.5 | 2 | 0.10 | < 0.5 | 5 | 23 | 10 | 2.00 | < 10 | 3 | 0.07 | 30 | 0.37 | 160 |
| L5E 3+50S | 201 | 238 | < 5 | 1.73 | < 0.2 | 30 | 200 | < 0.5 | 2 | 0.13 | < 0.5 | 5 | 24 | 13 | 2.36 | < 10 | < 1 | 0.09 | 20 | 0.46 | 173 |
| L5E 4+00S | 201 | 238 | < 5 | 1.30 | < 0.2 | 50 | 190 | < 0.5 | < 2 | 0.14 | < 0.5 | 4 | 15 | 10 | 1.72 | < 10 | < 1 | 0.07 | 30 | 0.47 | 147 |
| L5E 4+50S | 201 | 238 | < 5 | 1.23 | < 0.2 | 85 | 190 | < 0.5 | < 2 | 0.11 | < 0.5 | < 1 | 15 | 7 | 1.44 | < 10 | < 1 | 0.10 | 20 | 0.30 | 89 |
| L5E 5+00S | 201 | 238 | < 5 | 1.26 | < 0.2 | 90 | 220 | < 0.5 | 2 | 0.16 | < 0.5 | 4 | 17 | 9 | 1.75 | < 10 | < 1 | 0.09 | 20 | 0.36 | 135 |
| L6E 0+00S | 201 | 238 | < 5 | 1.60 | < 0.2 | 95 | 250 | < 0.5 | 2 | 0.15 | < 0.5 | 7 | 26 | 15 | 2.35 | < 10 | < 1 | 0.06 | 20 | 0.51 | 191 |
| L6E 0+50S | 201 | 238 | < 5 | 1.45 | < 0.2 | 85 | 220 | < 0.5 | < 2 | 0.17 | < 0.5 | 6 | 21 | 14 | 2.08 | < 10 | < 1 | 0.09 | 30 | 0.44 | 167 |
| L6E 1+00S | 201 | 238 | < 5 | 1.65 | 0.4 | 65 | 150 | < 0.5 | < 2 | 0.08 | < 0.5 | 4 | 19 | 11 | 1.98 | < 10 | < 1 | 0.08 | 20 | 0.37 | 161 |
| L6E 1+50S | 201 | 238 | < 5 | 2.49 | 0.4 | 35 | 210 | < 0.5 | < 2 | 0.12 | < 0.5 | 8 | 29 | 12 | 2.86 | < 10 | < 1 | 0.08 | 20 | 0.47 | 260 |
| L6E 2+00S | 201 | 238 | 15 | 1.24 | 0.2 | 75 | 110 | < 0.5 | < 2 | 0.06 | < 0.5 | < 1 | 15 | 9 | 1.58 | < 10 | < 1 | 0.10 | 30 | 0.27 | 124 |
| L6E 2+50S | 201 | 238 | 10 | 1.66 | 0.4 | 40 | 140 | < 0.5 | < 2 | 0.08 | < 0.5 | 4 | 19 | 9 | 2.11 | < 10 | < 1 | 0.06 | 20 | 0.42 | 157 |
| L6E 3+00S | 201 | 238 | 25 | 1.53 | 0.4 | 80 | 170 | < 0.5 | 2 | 0.09 | < 0.5 | 5 | 19 | 12 | 2.11 | < 10 | 1 | 0.07 | 30 | 0.37 | 144 |
| L6E 3+50S | 201 | 238 | < 5 | 1.41 | < 0.2 | 115 | 210 | < 0.5 | 2 | 0.14 | < 0.5 | 5 | 19 | 10 | 2.03 | < 10 | 1 | 0.09 | 30 | 0.38 | 169 |
| L6E 4+00S | 201 | 238 | < 5 | 1.67 | < 0.2 | 80 | 250 | < 0.5 | 2 | 0.13 | < 0.5 | 6 | 23 | 11 | 2.33 | < 10 | < 1 | 0.08 | 20 | 0.43 | 174 |
| L6E 4+50S | 201 | 238 | < 5 | 1.21 | < 0.2 | 65 | 210 | < 0.5 | < 2 | 0.14 | < 0.5 | 5 | 17 | 11 | 1.71 | < 10 | 2 | 0.09 | 30 | 0.37 | 150 |
| L6E 5+00S | 201 | 238 | < 5 | 1.31 | < 0.2 | 35 | 580 | < 0.5 | < 2 | 0.18 | < 0.5 | 4 | 19 | 13 | 1.87 | < 10 | 2 | 0.06 | 20 | 0.38 | 161 |
| L7E 0+00S | 201 | 238 | 35 | 1.62 | 0.2 | 210 | 240 | < 0.5 | 2 | 0.14 | 0.5 | 6 | 23 | 16 | 2.19 | < 10 | < 1 | 0.14 | 40 | 0.43 | 162 |
| L7E 0+50S | 201 | 238 | 25 | 1.83 | 0.2 | 115 | 190 | < 0.5 | < 2 | 0.10 | < 0.5 | 6 | 22 | 13 | 2.13 | < 10 | < 1 | 0.10 | 30 | 0.39 | 162 |
| L7E 1+00S | 201 | 238 | 10 | 1.72 | 0.4 | 70 | 150 | < 0.5 | < 2 | 0.08 | < 0.5 | 6 | 21 | 13 | 2.07 | < 10 | < 1 | 0.10 | 30 | 0.35 | 151 |
| L7E 1+50S | 201 | 238 | 5 | 1.89 | 0.4 | 95 | 160 | < 0.5 | < 2 | 0.09 | < 0.5 | 5 | 21 | 10 | 2.07 | < 10 | < 1 | 0.08 | 30 | 0.35 | 157 |
| L7E 2+00S | 201 | 238 | 25 | 1.57 | 0.2 | 220 | 200 | < 0.5 | < 2 | 0.11 | < 0.5 | 5 | 23 | 13 | 2.09 | < 10 | 1 | 0.12 | 40 | 0.40 | 206 |
| L7E 2+50S | 201 | 238 | 5 | 1.47 | < 0.2 | 40 | 280 | < 0.5 | < 2 | 0.25 | < 0.5 | 6 | 24 | 15 | 2.17 | < 10 | < 1 | 0.08 | 30 | 0.48 | 199 |
| L7E 3+00S | 201 | 238 | 15 | 1.44 | 0.2 | 140 | 240 | < 0.5 | 2 | 0.11 | < 0.5 | 5 | 17 | 10 | 1.91 | < 10 | 1 | 0.12 | 30 | 0.39 | 181 |
| L7E 3+50S | 201 | 238 | 10 | 1.49 | < 0.2 | 65 | 250 | < 0.5 | < 2 | 0.16 | < 0.5 | 6 | 23 | 15 | 2.14 | < 10 | < 1 | 0.07 | 30 | 0.44 | 181 |
| L7E 4+00S | 201 | 238 | 15 | 1.56 | < 0.2 | 60 | 240 | < 0.5 | 2 | 0.11 | < 0.5 | 5 | 20 | 15 | 2.20 | < 10 | 2 | 0.10 | 20 | 0.40 | 141 |
| L7E 4+50S | 201 | 238 | 10 | 1.57 | 0.2 | 80 | 260 | < 0.5 | 2 | 0.14 | < 0.5 | 5 | 20 | 12 | 2.05 | < 10 | < 1 | 0.09 | 40 | 0.42 | 203 |
| L7E 5+00S | 201 | 238 | 30 | 1.69 | < 0.2 | 45 | 300 | < 0.5 | 2 | 0.21 | < 0.5 | 6 | 24 | 14 | 2.23 | < 10 | 1 | 0.09 | 30 | 0.47 | 191 |
| L8E 0+00N | 201 | 238 | 25 | 1.59 | < 0.2 | 105 | 130 | < 0.5 | < 2 | 0.12 | < 0.5 | 5 | 19 | 10 | 2.06 | < 10 | 2 | 0.11 | 30 | 0.36 | 152 |
| L8E 0+50N | 201 | 238 | 10 | 1.46 | < 0.2 | 60 | 190 | < 0.5 | 2 | 0.20 | < 0.5 | 6 | 22 | 15 | 2.14 | < 10 | < 1 | 0.09 | 20 | 0.48 | 169 |
| L8E 1+00N | 201 | 238 | < 5 | 1.45 | < 0.2 | 30 | 220 | < 0.5 | 2 | 0.16 | < 0.5 | 6 | 19 | 10 | 1.89 | < 10 | < 1 | 0.14 | 30 | 0.42 | 172 |
| L8E 1+50N | 201 | 238 | < 5 | 1.20 | < 0.2 | 10 | 200 | < 0.5 | < 2 | 0.15 | < 0.5 | 5 | 16 | 10 | 1.76 | < 10 | < 1 | 0.15 | 40 | 0.50 | 150 |
| L8E 2+00N | 201 | 238 | < 5 | 1.76 | 0.2 | 30 | 260 | < 0.5 | < 2 | 0.16 | < 0.5 | 8 | 23 | 14 | 2.44 | < 10 | < 1 | 0.09 | 30 | 0.58 | 282 |
| L8E 2+50N | 201 | 238 | < 5 | 1.23 | < 0.2 | 20 | 140 | < 0.5 | < 2 | 0.08 | < 0.5 | < 1 | 13 | 7 | 1.51 | < 10 | < 1 | 0.11 | 40 | 0.35 | 121 |
| L8E 3+00N | 201 | 238 | < 5 | 1.46 | < 0.2 | 5 | 170 | < 0.5 | < 2 | 0.14 | < 0.5 | 4 | 18 | 11 | 1.74 | < 10 | < 1 | 0.09 | 40 | 0.63 | 154 |
| L8E 3+50N | 201 | 238 | < 5 | 1.19 | 0.2 | 5 | 110 | < 0.5 | < 2 | 0.06 | < 0.5 | < 1 | 9 | 4 | 1.09 | < 10 | 1 | 0.12 | 40 | 0.62 | 68 |
| L8E 4+00N | 201 | 238 | < 5 | 0.94 | < 0.2 | 15 | 110 | < 0.5 | 2 | 0.05 | < 0.5 | < 1 | 9 | 4 | 1.05 | < 10 | < 1 | 0.12 | 30 | 0.30 | 66 |

CERTIFICATION : [signature]

**Chemex Labs Ltd.**
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MARK MANAGEMENT LIMITED
1800 - 999 W. HASTINGS ST.
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V6C 2W2
Project : DAWSON-REEF
Comments: ATTN: ART TROUP CC: PERRY GRUNENBERG


Date : 14-JUL-88
Invoice # : I-8818344
P.O. # : ADR-KDR

# CERTIFICATE OF ANALYSIS A8818344

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L5E 1+00S | 201 | 238 | < 1 | 0.01 | 5 | 220 | 14 | < 5 | 2 | 14 | 0.02 | < 10 | < 10 | 14 | < 5 | 38 |
| L5E 1+50S | 201 | 238 | < 1 | 0.01 | 15 | 330 | 10 | < 5 | 4 | 24 | 0.07 | < 10 | < 10 | 41 | < 5 | 42 |
| L5E 2+00S | 201 | 238 | < 1 | 0.01 | 16 | 220 | 10 | < 5 | 4 | 20 | 0.08 | < 10 | < 10 | 50 | < 5 | 47 |
| L5E 2+50S | 201 | 238 | < 1 | 0.01 | 11 | 110 | 14 | < 5 | 3 | 12 | 0.06 | < 10 | < 10 | 40 | < 5 | 41 |
| L5E 3+00S | 201 | 238 | < 1 | 0.01 | 11 | 100 | 10 | < 5 | 3 | 11 | 0.06 | < 10 | < 10 | 37 | < 5 | 35 |
| L5E 3+50S | 201 | 238 | < 1 | 0.01 | 15 | 90 | 20 | < 5 | 3 | 15 | 0.08 | < 10 | < 10 | 45 | < 5 | 42 |
| L5E 4+00S | 201 | 238 | < 1 | 0.01 | 8 | 180 | 8 | < 5 | 3 | 15 | 0.05 | < 10 | < 10 | 28 | < 5 | 42 |
| L5E 4+50S | 201 | 238 | < 1 | 0.01 | 7 | 140 | 10 | < 5 | 2 | 12 | 0.05 | < 10 | < 10 | 31 | < 5 | 27 |
| L5E 5+00S | 201 | 238 | < 1 | 0.01 | 10 | 220 | 8 | < 5 | 3 | 14 | 0.05 | < 10 | < 10 | 31 | < 5 | 36 |
| L6E 0+00S | 201 | 238 | < 1 | 0.01 | 15 | 120 | 8 | < 5 | 4 | 17 | 0.08 | < 10 | < 10 | 44 | < 5 | 44 |
| L6E 0+50S | 201 | 238 | < 1 | 0.01 | 13 | 290 | 12 | < 5 | 3 | 16 | 0.06 | < 10 | < 10 | 37 | < 5 | 40 |
| L6E 1+00S | 201 | 238 | < 1 | 0.01 | 8 | 110 | 26 | < 5 | 3 | 10 | 0.05 | < 10 | < 10 | 34 | < 5 | 38 |
| L6E 1+50S | 201 | 238 | < 1 | 0.01 | 12 | 130 | 16 | < 5 | 4 | 14 | 0.08 | < 10 | < 10 | 57 | < 5 | 48 |
| L6E 2+00S | 201 | 238 | < 1 | 0.01 | 8 | 90 | 22 | < 5 | 2 | 8 | 0.03 | < 10 | < 10 | 24 | < 5 | 31 |
| L6E 2+50S | 201 | 238 | < 1 | 0.01 | 9 | 90 | 12 | < 5 | 3 | 10 | 0.06 | < 10 | < 10 | 37 | < 5 | 39 |
| L6E 3+00S | 201 | 238 | < 1 | 0.01 | 10 | 80 | 18 | < 5 | 3 | 10 | 0.05 | < 10 | < 10 | 35 | < 5 | 42 |
| L6E 3+50S | 201 | 238 | < 1 | 0.01 | 9 | 220 | 12 | < 5 | 3 | 14 | 0.05 | < 10 | < 10 | 35 | < 5 | 38 |
| L6E 4+00S | 201 | 238 | < 1 | 0.01 | 10 | 150 | 10 | < 5 | 3 | 13 | 0.06 | < 10 | < 10 | 41 | < 5 | 41 |
| L6E 4+50S | 201 | 238 | < 1 | 0.01 | 9 | 210 | 10 | < 5 | 3 | 13 | 0.05 | < 10 | < 10 | 28 | < 5 | 34 |
| L6E 5+00S | 201 | 238 | 1 | 0.01 | 11 | 360 | 12 | < 5 | 3 | 16 | 0.05 | < 10 | < 10 | 34 | < 5 | 36 |
| L7E 0+00S | 201 | 238 | < 1 | 0.01 | 13 | 150 | 14 | < 5 | 4 | 18 | 0.05 | < 10 | < 10 | 38 | < 5 | 41 |
| L7E 0+50S | 201 | 238 | < 1 | 0.01 | 12 | 100 | 18 | < 5 | 3 | 13 | 0.04 | < 10 | < 10 | 40 | < 5 | 41 |
| L7E 1+00S | 201 | 238 | < 1 | 0.01 | 15 | 110 | 22 | < 5 | 3 | 10 | 0.04 | < 10 | < 10 | 37 | < 5 | 37 |
| L7E 1+50S | 201 | 238 | 1 | 0.01 | 11 | 100 | 20 | < 5 | 3 | 11 | 0.04 | < 10 | < 10 | 38 | < 5 | 40 |
| L7E 2+00S | 201 | 238 | < 1 | 0.01 | 13 | 110 | 14 | < 5 | 3 | 14 | 0.04 | < 10 | < 10 | 36 | < 5 | 43 |
| L7E 2+50S | 201 | 238 | < 1 | 0.01 | 14 | 290 | 10 | < 5 | 4 | 22 | 0.07 | < 10 | < 10 | 42 | < 5 | 39 |
| L7E 3+00S | 201 | 238 | 1 | 0.01 | 11 | 160 | 14 | < 5 | 3 | 13 | 0.04 | < 10 | < 10 | 30 | < 5 | 38 |
| L7E 3+50S | 201 | 238 | < 1 | 0.01 | 12 | 110 | 12 | < 5 | 3 | 17 | 0.07 | < 10 | < 10 | 41 | < 5 | 40 |
| L7E 4+00S | 201 | 238 | < 1 | 0.01 | 12 | 260 | 16 | < 5 | 3 | 15 | 0.05 | < 10 | < 10 | 40 | < 5 | 41 |
| L7E 4+50S | 201 | 238 | < 1 | 0.01 | 10 | 120 | 14 | < 5 | 3 | 14 | 0.06 | < 10 | < 10 | 38 | < 5 | 38 |
| L7E 5+00S | 201 | 238 | < 1 | 0.01 | 12 | 270 | 6 | < 5 | 4 | 20 | 0.07 | < 10 | < 10 | 43 | < 5 | 44 |
| L8E 0+00N | 201 | 238 | < 1 | 0.01 | 11 | 190 | 22 | < 5 | 3 | 11 | 0.05 | < 10 | < 10 | 33 | < 5 | 36 |
| L8E 0+50N | 201 | 238 | < 1 | 0.01 | 12 | 420 | 8 | < 5 | 3 | 18 | 0.06 | < 10 | < 10 | 38 | < 5 | 42 |
| L8E 1+00N | 201 | 238 | < 1 | 0.01 | 10 | 410 | 16 | < 5 | 2 | 17 | 0.05 | < 10 | < 10 | 32 | < 5 | 39 |
| L8E 1+50N | 201 | 238 | < 1 | 0.01 | 9 | 420 | 10 | < 5 | 2 | 19 | 0.04 | < 10 | < 10 | 26 | < 5 | 41 |
| L8E 2+00N | 201 | 238 | < 1 | 0.01 | 15 | 260 | 14 | < 5 | 4 | 15 | 0.06 | < 10 | < 10 | 37 | < 5 | 53 |
| L8E 2+50N | 201 | 238 | < 1 | 0.01 | 7 | 240 | 14 | < 5 | 1 | 9 | 0.03 | < 10 | < 10 | 22 | < 5 | 34 |
| L8E 3+00N | 201 | 238 | < 1 | 0.01 | 10 | 300 | 16 | < 5 | 2 | 15 | 0.06 | < 10 | < 10 | 30 | < 5 | 41 |
| L8E 3+50N | 201 | 238 | < 1 | 0.01 | 3 | 110 | 14 | < 5 | 2 | 8 | 0.03 | < 10 | < 10 | 15 | < 5 | 34 |
| L8E 4+00N | 201 | 238 | < 1 | < 0.01 | 5 | 110 | 18 | < 5 | 1 | 8 | 0.03 | < 10 | < 10 | 20 | < 5 | 23 |

CERTIFICATION : B. Caughlin

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MARK MANAGEMENT LIMITED
1800 - 999 W. HASTINGS ST.
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V6C 2W2
Project : DAWSON-REEF
Comments: ATTN: ART TROUP CC: PERRY GRUNENBERG


Date : 14-JUL-88
Invoice # : I-8818344
P.O. # : ADR-KDR

# CERTIFICATE OF ANALYSIS A8818344

| SAMPLE DESCRIPTION | PREP CODE | | Au ppb FA+AA | Al % | Ag ppm | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L8E 4+50N | 201 | 238 | < 5 | 1.19 | < 0.2 | 5 | 140 | < 0.5 | < 2 | 0.12 | < 0.5 | < 1 | 16 | 5 | 1.41 | < 10 | < 1 | 0.08 | 30 | 0.16 | 72 |
| L8E 5+00N | 201 | 238 | < 5 | 1.30 | 0.2 | 30 | 190 | < 0.5 | 2 | 0.11 | < 0.5 | 5 | 17 | 9 | 1.54 | < 10 | < 1 | 0.17 | 50 | 0.42 | 104 |
| L8E 0+50S | 201 | 238 | 10 | 1.53 | < 0.2 | 140 | 190 | < 0.5 | < 2 | 0.13 | < 0.5 | 6 | 21 | 10 | 2.40 | < 10 | < 1 | 0.15 | 30 | 0.31 | 148 |
| L8E 1+00S | 201 | 238 | 5 | 1.78 | < 0.2 | 100 | 170 | < 0.5 | < 2 | 0.09 | < 0.5 | 4 | 21 | 8 | 2.88 | < 10 | < 1 | 0.09 | 20 | 0.32 | 150 |
| L8E 1+50S | 201 | 238 | < 5 | 2.45 | < 0.2 | 60 | 230 | < 0.5 | 2 | 0.14 | < 0.5 | 7 | 37 | 16 | 3.18 | < 10 | 1 | 0.08 | 20 | 0.56 | 210 |
| L8E 2+00S | 201 | 238 | < 5 | 2.09 | 0.2 | 80 | 200 | < 0.5 | < 2 | 0.09 | < 0.5 | 10 | 26 | 13 | 3.31 | < 10 | < 1 | 0.08 | 20 | 0.33 | 735 |
| L8E 2+50S | 201 | 238 | < 5 | 2.58 | 0.2 | 90 | 270 | < 0.5 | 2 | 0.13 | < 0.5 | 8 | 37 | 23 | 2.99 | < 10 | 2 | 0.09 | 30 | 0.56 | 262 |
| L8E 3+00S | 201 | 238 | < 5 | 1.95 | 0.2 | 255 | 170 | < 0.5 | < 2 | 0.10 | < 0.5 | 6 | 24 | 14 | 2.47 | < 10 | < 1 | 0.08 | 30 | 0.44 | 215 |
| L8E 3+50S | 201 | 238 | < 5 | 1.39 | 0.2 | 55 | 180 | < 0.5 | 2 | 0.09 | < 0.5 | 6 | 20 | 9 | 3.06 | < 10 | < 1 | 0.06 | 10 | 0.28 | 316 |
| L8E 4+00S | 201 | 238 | < 5 | 1.50 | < 0.2 | 80 | 190 | < 0.5 | < 2 | 0.07 | < 0.5 | 5 | 19 | 11 | 2.13 | < 10 | 1 | 0.06 | 20 | 0.34 | 257 |
| L8E 4+50S | 201 | 238 | 10 | 1.59 | < 0.2 | 55 | 220 | < 0.5 | 2 | 0.17 | < 0.5 | 8 | 27 | 19 | 2.53 | < 10 | 1 | 0.07 | 30 | 0.56 | 354 |
| L8E 5+00S | 201 | 238 | < 5 | 1.57 | < 0.2 | 25 | 210 | < 0.5 | < 2 | 0.13 | < 0.5 | 6 | 25 | 15 | 2.35 | < 10 | < 1 | 0.06 | 20 | 0.49 | 189 |
| L9E 0+00N | 201 | 238 | < 5 | 1.78 | < 0.2 | 55 | 210 | < 0.5 | 2 | 0.13 | < 0.5 | 6 | 24 | 13 | 2.52 | < 10 | < 1 | 0.08 | 20 | 0.52 | 191 |
| L9E 0+50N | 201 | 238 | < 5 | 1.58 | < 0.2 | 120 | 200 | < 0.5 | 2 | 0.14 | < 0.5 | 6 | 21 | 14 | 2.25 | < 10 | < 1 | 0.10 | 30 | 0.44 | 192 |
| L9E 1+00N | 201 | 238 | 15 | 1.60 | < 0.2 | 135 | 300 | < 0.5 | < 2 | 0.13 | < 0.5 | 1 | 20 | 15 | 1.85 | < 10 | 2 | 0.08 | 30 | 0.23 | 88 |
| L9E 1+50N | 201 | 238 | 15 | 1.01 | 0.2 | 450 | 130 | < 0.5 | < 2 | 0.08 | < 0.5 | < 1 | 14 | 8 | 1.92 | < 10 | 2 | 0.17 | 40 | 0.19 | 142 |
| L9E 2+00N | 201 | 238 | 20 | 1.54 | 0.2 | 285 | 230 | < 0.5 | 2 | 0.18 | 0.5 | 6 | 19 | 14 | 2.27 | < 10 | < 1 | 0.15 | 30 | 0.56 | 244 |
| L9E 2+50N | 201 | 238 | 5 | 1.57 | 0.4 | 105 | 360 | < 0.5 | < 2 | 0.18 | < 0.5 | 6 | 18 | 15 | 1.88 | < 10 | < 1 | 0.19 | 40 | 0.55 | 168 |
| L9E 3+00N | 201 | 238 | < 5 | 1.69 | < 0.2 | 30 | 210 | < 0.5 | < 2 | 0.16 | 0.5 | 7 | 20 | 13 | 2.35 | < 10 | 2 | 0.10 | 30 | 0.68 | 230 |
| L9E 3+50N | 201 | 238 | 5 | 1.15 | 0.2 | 10 | 210 | < 0.5 | < 2 | 0.11 | < 0.5 | < 1 | 11 | 8 | 1.25 | < 10 | < 1 | 0.12 | 40 | 0.40 | 60 |
| L9E 4+00N | 201 | 238 | 5 | 1.17 | 0.4 | 10 | 190 | < 0.5 | < 2 | 0.13 | < 0.5 | 5 | 17 | 9 | 1.47 | 10 | 5 | 0.12 | 40 | 0.43 | 111 |
| L9E 4+50N | 201 | 238 | < 5 | 1.38 | 0.4 | 70 | 160 | < 0.5 | < 2 | 0.07 | < 0.5 | 6 | 16 | 8 | 1.53 | 10 | 3 | 0.14 | 40 | 0.40 | 101 |
| L9E 5+00N | 201 | 238 | < 5 | 1.74 | < 0.2 | 5 | 270 | < 0.5 | < 2 | 0.27 | < 0.5 | 8 | 30 | 14 | 2.34 | 10 | 3 | 0.06 | 30 | 0.54 | 199 |
| L9E 0+10S | 201 | 238 | < 5 | 1.37 | < 0.2 | 40 | 180 | < 0.5 | < 2 | 0.11 | < 0.5 | 5 | 21 | 12 | 1.76 | < 10 | 2 | 0.08 | 20 | 0.34 | 97 |
| L9E 0+25S | 201 | 238 | < 5 | 1.32 | < 0.2 | 100 | 180 | < 0.5 | < 2 | 0.17 | < 0.5 | 6 | 22 | 12 | 1.96 | < 10 | 2 | 0.09 | 30 | 0.41 | 181 |
| L9E 0+50S | 201 | 238 | < 5 | 1.32 | 0.2 | 60 | 150 | < 0.5 | < 2 | 0.09 | < 0.5 | 5 | 15 | 7 | 1.88 | 10 | 1 | 0.11 | 30 | 0.24 | 99 |
| L9E 1+00S | 201 | 238 | 15 | 1.66 | < 0.2 | 240 | 160 | < 0.5 | < 2 | 0.11 | < 0.5 | 7 | 25 | 9 | 2.64 | 10 | 2 | 0.09 | 30 | 0.36 | 183 |
| L9E 1+50S | 201 | 238 | 15 | 1.43 | < 0.2 | 150 | 160 | < 0.5 | < 2 | 0.09 | < 0.5 | 5 | 18 | 7 | 2.50 | 10 | 1 | 0.10 | 40 | 0.25 | 132 |
| L9E 2+00S | 201 | 238 | 10 | 1.37 | 0.2 | 255 | 210 | 0.5 | < 2 | 0.13 | < 0.5 | 7 | 18 | 12 | 1.94 | 10 | 1 | 0.12 | 40 | 0.32 | 272 |
| L9E 2+50S | 201 | 238 | 5 | 1.44 | 0.2 | 90 | 170 | < 0.5 | < 2 | 0.05 | < 0.5 | 4 | 14 | 4 | 1.53 | 10 | 1 | 0.08 | 20 | 0.14 | 74 |
| L9E 3+00S | 201 | 238 | < 5 | 2.53 | 0.2 | 35 | 250 | < 0.5 | < 2 | 0.15 | < 0.5 | 8 | 31 | 10 | 3.04 | 10 | < 1 | 0.06 | 30 | 0.44 | 287 |
| L9E 3+50S | 201 | 238 | 15 | 1.10 | 0.2 | 95 | 140 | < 0.5 | < 2 | 0.03 | < 0.5 | 3 | 8 | 6 | 1.20 | 10 | < 1 | 0.12 | 60 | 0.12 | 65 |
| L9E 4+00S | 201 | 238 | < 5 | 2.07 | 0.4 | 20 | 260 | < 0.5 | < 2 | 0.10 | < 0.5 | 6 | 22 | 7 | 2.38 | 10 | < 1 | 0.10 | 20 | 0.39 | 156 |
| L9E 4+50S | 201 | 238 | 10 | 1.21 | 0.2 | 70 | 200 | < 0.5 | < 2 | 0.08 | < 0.5 | 3 | 13 | 7 | 1.55 | < 10 | < 1 | 0.15 | 30 | 0.29 | 106 |
| L9E 5+00S | 201 | 238 | 15 | 1.21 | 0.2 | 50 | 200 | < 0.5 | < 2 | 0.07 | < 0.5 | 5 | 16 | 9 | 1.53 | < 10 | < 1 | 0.15 | 40 | 0.27 | 109 |
| L10E 0+50N | 201 | 238 | 10 | 1.57 | < 0.2 | 65 | 320 | < 0.5 | < 2 | 0.21 | < 0.5 | 7 | 23 | 15 | 2.06 | < 10 | 1 | 0.11 | 30 | 0.51 | 171 |
| L10E 1+00N | 201 | 238 | 25 | 1.49 | 0.2 | 120 | 210 | < 0.5 | < 2 | 0.17 | < 0.5 | 7 | 23 | 13 | 2.22 | 10 | < 1 | 0.13 | 30 | 0.47 | 225 |
| L10E 1+50N | 201 | 238 | 30 | 1.48 | 0.4 | 240 | 330 | < 0.5 | < 2 | 0.16 | < 0.5 | 3 | 19 | 14 | 1.68 | < 10 | < 1 | 0.12 | 30 | 0.24 | 98 |
| L10E 2+00N | 201 | 238 | 15 | 1.18 | < 0.2 | 145 | 150 | < 0.5 | < 2 | 0.14 | < 0.5 | 5 | 17 | 7 | 1.67 | < 10 | 1 | 0.14 | 30 | 0.29 | 134 |
| L10E 2+50N | 201 | 238 | 15 | 1.26 | < 0.2 | 395 | 200 | < 0.5 | < 2 | 0.13 | < 0.5 | 7 | 19 | 9 | 2.14 | < 10 | < 1 | 0.11 | 30 | 0.27 | 187 |

CERTIFICATION : B. Caughlin

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Project : DAWSON-REEF
Comments: ATTN: ART TROUP CC: PERRY GRUNENBERG

Pa[redacted]o. : 5-B
To[redacted]ages: 7
Date : 14-JUL-88
Invoice # : I-8818344
P.O. # : ADR-KDR

# CERTIFICATE OF ANALYSIS A8818344

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L8E 4+50N | 201 | 238 | < 1 | 0.01 | 2 | 180 | 34 | < 5 | 2 | 15 | 0.12 | < 10 | < 10 | 62 | < 5 | 17 |
| L8E 5+00N | 201 | 238 | < 1 | 0.01 | 7 | 100 | 16 | < 5 | 3 | 13 | 0.06 | < 10 | < 10 | 28 | < 5 | 30 |
| L8E 0+50S | 201 | 238 | < 1 | 0.01 | 8 | 400 | 14 | < 5 | 3 | 13 | 0.04 | < 10 | < 10 | 34 | < 5 | 37 |
| L8E 1+00S | 201 | 238 | < 1 | 0.01 | 9 | 180 | 12 | < 5 | 3 | 11 | 0.07 | < 10 | < 10 | 50 | < 5 | 35 |
| L8E 1+50S | 201 | 238 | < 1 | 0.01 | 17 | 170 | 16 | < 5 | 4 | 15 | 0.10 | < 10 | < 10 | 61 | < 5 | 44 |
| L8E 2+00S | 201 | 238 | 1 | 0.01 | 13 | 280 | 26 | < 5 | 3 | 12 | 0.10 | < 10 | < 10 | 74 | < 5 | 42 |
| L8E 2+50S | 201 | 238 | 1 | 0.01 | 19 | 130 | 16 | < 5 | 7 | 17 | 0.09 | < 10 | < 10 | 58 | < 5 | 55 |
| L8E 3+00S | 201 | 238 | < 1 | 0.01 | 12 | 140 | 16 | < 5 | 3 | 12 | 0.05 | < 10 | < 10 | 41 | < 5 | 46 |
| L8E 3+50S | 201 | 238 | < 1 | 0.01 | 8 | 440 | 18 | < 5 | 2 | 10 | 0.08 | < 10 | < 10 | 66 | < 5 | 41 |
| L8E 4+00S | 201 | 238 | < 1 | 0.01 | 11 | 110 | 12 | < 5 | 3 | 9 | 0.05 | < 10 | < 10 | 37 | < 5 | 37 |
| L8E 4+50S | 201 | 238 | < 1 | 0.01 | 17 | 220 | 14 | < 5 | 4 | 17 | 0.08 | < 10 | < 10 | 46 | < 5 | 51 |
| L8E 5+00S | 201 | 238 | < 1 | 0.01 | 16 | 150 | 16 | < 5 | 3 | 14 | 0.07 | < 10 | < 10 | 43 | < 5 | 45 |
| L9E 0+00N | 201 | 238 | 1 | 0.01 | 13 | 340 | 10 | < 5 | 3 | 13 | 0.06 | < 10 | < 10 | 46 | < 5 | 45 |
| L9E 0+50N | 201 | 238 | < 1 | 0.01 | 11 | 380 | 14 | < 5 | 3 | 15 | 0.06 | < 10 | < 10 | 37 | < 5 | 43 |
| L9E 1+00N | 201 | 238 | < 1 | 0.01 | 8 | 700 | 14 | < 5 | 1 | 16 | 0.02 | < 10 | < 10 | 32 | < 5 | 26 |
| L9E 1+50N | 201 | 238 | < 1 | 0.01 | 6 | 340 | 12 | < 5 | 1 | 12 | 0.05 | < 10 | < 10 | 46 | < 5 | 33 |
| L9E 2+00N | 201 | 238 | < 1 | 0.01 | 12 | 540 | 10 | < 5 | 3 | 18 | 0.04 | < 10 | < 10 | 33 | < 5 | 49 |
| L9E 2+50N | 201 | 238 | < 1 | 0.01 | 12 | 420 | 20 | < 5 | 3 | 23 | 0.04 | < 10 | < 10 | 27 | < 5 | 45 |
| L9E 3+00N | 201 | 238 | < 1 | 0.01 | 12 | 350 | 14 | < 5 | 3 | 16 | 0.06 | < 10 | < 10 | 35 | < 5 | 48 |
| L9E 3+50N | 201 | 238 | 1 | 0.01 | 5 | 310 | 20 | < 5 | 2 | 15 | 0.02 | < 10 | < 10 | 14 | < 5 | 32 |
| L9E 4+00N | 201 | 238 | < 1 | 0.01 | 5 | 210 | 12 | < 5 | 2 | 13 | 0.06 | < 10 | < 10 | 27 | < 5 | 33 |
| L9E 4+50N | 201 | 238 | < 1 | 0.01 | 3 | 80 | 6 | < 5 | 2 | 9 | 0.04 | < 10 | < 10 | 25 | < 5 | 32 |
| L9E 5+00N | 201 | 238 | < 1 | 0.01 | 17 | 310 | 2 | < 5 | 4 | 21 | 0.10 | < 10 | < 10 | 50 | 5 | 44 |
| L9E 0+10S | 201 | 238 | < 1 | 0.01 | 8 | 610 | 8 | < 5 | 1 | 12 | 0.03 | < 10 | < 10 | 34 | < 5 | 33 |
| L9E 0+25S | 201 | 238 | 1 | 0.01 | 12 | 320 | < 2 | < 5 | 3 | 14 | 0.06 | < 10 | < 10 | 39 | < 5 | 40 |
| L9E 0+50S | 201 | 238 | < 1 | 0.01 | 8 | 190 | 12 | < 5 | 2 | 10 | 0.03 | < 10 | < 10 | 34 | 5 | 26 |
| L9E 1+00S | 201 | 238 | < 1 | 0.01 | 15 | 140 | 4 | < 5 | 3 | 12 | 0.06 | < 10 | < 10 | 50 | < 5 | 37 |
| L9E 1+50S | 201 | 238 | < 1 | 0.01 | 8 | 190 | 10 | < 5 | 2 | 10 | 0.04 | < 10 | < 10 | 39 | 5 | 33 |
| L9E 2+00S | 201 | 238 | 1 | 0.01 | 9 | 90 | 16 | < 5 | 3 | 17 | 0.04 | < 10 | < 10 | 34 | < 5 | 37 |
| L9E 2+50S | 201 | 238 | < 1 | 0.01 | 8 | 90 | 8 | < 5 | 2 | 6 | 0.03 | < 10 | < 10 | 31 | 5 | 20 |
| L9E 3+00S | 201 | 238 | < 1 | 0.01 | 13 | 180 | 8 | < 5 | 5 | 15 | 0.12 | < 10 | < 10 | 76 | 5 | 53 |
| L9E 3+50S | 201 | 238 | < 1 | < 0.01 | 6 | 120 | 22 | < 5 | 2 | 5 | 0.01 | < 10 | < 10 | 13 | < 5 | 25 |
| L9E 4+00S | 201 | 238 | < 1 | 0.01 | 10 | 130 | 6 | < 5 | 4 | 13 | 0.09 | < 10 | < 10 | 54 | 5 | 40 |
| L9E 4+50S | 201 | 238 | < 1 | 0.01 | 8 | 110 | 22 | < 5 | 2 | 10 | 0.03 | < 10 | < 10 | 23 | < 5 | 38 |
| L9E 5+00S | 201 | 238 | < 1 | 0.01 | 10 | 130 | 14 | < 5 | 2 | 9 | 0.04 | < 10 | < 10 | 26 | 5 | 33 |
| L10E 0+50N | 201 | 238 | < 1 | 0.01 | 14 | 340 | 8 | < 5 | 4 | 19 | 0.06 | < 10 | < 10 | 40 | 5 | 46 |
| L10E 1+00N | 201 | 238 | < 1 | 0.01 | 13 | 430 | 10 | < 5 | 3 | 16 | 0.06 | < 10 | < 10 | 37 | < 5 | 49 |
| L10E 1+50N | 201 | 238 | < 1 | 0.01 | 10 | 470 | 14 | < 5 | 1 | 17 | 0.02 | < 10 | < 10 | 30 | < 5 | 28 |
| L10E 2+00N | 201 | 238 | < 1 | 0.01 | 12 | 420 | 8 | < 5 | 2 | 11 | 0.04 | < 10 | < 10 | 30 | < 5 | 30 |
| L10E 2+50N | 201 | 238 | < 1 | 0.01 | 11 | 370 | 4 | < 5 | 2 | 16 | 0.04 | < 10 | < 10 | 37 | < 5 | 39 |

CERTIFICATION* : B Caughlin

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Comments: ATTN: ART TROUP CC: PERRY GRUNENBERG

Page No. : 6-A
Tot. Pages: 7
Date : 14-JUL-88
Invoice # : I-8818344
P.O. # : ADR-KDR

# CERTIFICATE OF ANALYSIS A8818344

| SAMPLE DESCRIPTION | PREP CODE | | Au ppb FA+AA | Al % | Ag ppm | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L10E 3+00N | 201 | 238 | < 5 | 1.29 | 0.6 | 180 | 200 | < 0.5 | < 2 | 0.15 | < 0.5 | 5 | 15 | 10 | 1.80 | < 10 | 1 | 0.15 | 30 | 0.37 | 159 |
| L10E 3+50N | 201 | 238 | 5 | 2.29 | 1.4 | 165 | 490 | 0.5 | < 2 | 0.26 | < 0.5 | 7 | 22 | 13 | 2.46 | < 10 | < 1 | 0.19 | 30 | 0.63 | 139 |
| L10E 4+00N | 201 | 238 | < 5 | 1.23 | < 0.2 | 25 | 170 | < 0.5 | 2 | 0.13 | < 0.5 | 3 | 15 | 7 | 1.43 | < 10 | 1 | 0.13 | 40 | 0.43 | 96 |
| L10E 4+50N | 201 | 238 | < 5 | 1.32 | < 0.2 | 25 | 230 | < 0.5 | < 2 | 0.14 | < 0.5 | 5 | 16 | 8 | 1.53 | < 10 | < 1 | 0.12 | 30 | 0.41 | 111 |
| L10E 5+00N | 201 | 238 | < 5 | 1.54 | < 0.2 | 5 | 250 | < 0.5 | < 2 | 0.32 | < 0.5 | 7 | 26 | 13 | 2.10 | < 10 | 1 | 0.09 | 20 | 0.48 | 176 |
| L10E 0+00S | 201 | 238 | 5 | 1.20 | < 0.2 | 80 | 220 | < 0.5 | 2 | 0.16 | < 0.5 | 4 | 16 | 12 | 1.65 | < 10 | < 1 | 0.12 | 30 | 0.29 | 149 |
| L10E 0+50S | 201 | 238 | 15 | 1.59 | < 0.2 | 155 | 210 | < 0.5 | < 2 | 0.18 | < 0.5 | 6 | 22 | 12 | 2.17 | < 10 | < 1 | 0.11 | 30 | 0.39 | 214 |
| L10E 1+00S | 201 | 238 | 10 | 0.88 | 0.2 | 270 | 120 | < 0.5 | < 2 | 0.08 | < 0.5 | 3 | 13 | 8 | 1.43 | < 10 | < 1 | 0.11 | 40 | 0.20 | 209 |
| L10E 1+50S | 201 | 238 | < 5 | 1.65 | < 0.2 | 135 | 190 | 0.5 | < 2 | 0.17 | < 0.5 | 8 | 24 | 12 | 2.32 | < 10 | < 1 | 0.07 | 20 | 0.42 | 187 |
| L10E 2+00S | 201 | 238 | < 5 | 1.54 | < 0.2 | 45 | 180 | < 0.5 | < 2 | 0.13 | < 0.5 | 6 | 22 | 10 | 2.09 | < 10 | < 1 | 0.08 | 20 | 0.32 | 148 |
| L10E 2+50S | 201 | 238 | < 5 | 1.81 | < 0.2 | 65 | 220 | 0.5 | < 2 | 0.19 | < 0.5 | 8 | 26 | 16 | 2.38 | < 10 | < 1 | 0.08 | 40 | 0.47 | 414 |
| L10E 3+00S | 201 | 238 | < 5 | 1.67 | < 0.2 | 30 | 180 | < 0.5 | < 2 | 0.13 | < 0.5 | 5 | 22 | 9 | 1.99 | < 10 | 1 | 0.08 | 30 | 0.32 | 122 |
| L10E 3+50S | 201 | 238 | < 5 | 2.45 | < 0.2 | 25 | 240 | 0.5 | < 2 | 0.15 | < 0.5 | 9 | 27 | 15 | 2.90 | < 10 | < 1 | 0.08 | 20 | 0.54 | 184 |
| L10E 4+00S | 201 | 238 | < 5 | 2.41 | < 0.2 | 45 | 310 | < 0.5 | < 2 | 0.13 | < 0.5 | 7 | 27 | 10 | 2.57 | < 10 | < 1 | 0.09 | 20 | 0.37 | 136 |
| L10E 4+50S | 201 | 238 | < 5 | 2.56 | < 0.2 | < 5 | 300 | 0.5 | < 2 | 0.11 | < 0.5 | 10 | 31 | 13 | 2.79 | < 10 | < 1 | 0.09 | 30 | 0.45 | 230 |
| L10E 5+00S | 201 | 238 | < 5 | 2.14 | < 0.2 | 55 | 240 | 0.5 | < 2 | 0.13 | < 0.5 | 9 | 29 | 13 | 2.86 | < 10 | < 1 | 0.08 | 20 | 0.47 | 217 |
| L11E 0+50N | 201 | 238 | < 5 | 1.28 | < 0.2 | 65 | 230 | < 0.5 | < 2 | 0.24 | < 0.5 | 7 | 22 | 15 | 2.04 | < 10 | < 1 | 0.08 | 30 | 0.42 | 202 |
| L11E 1+00N | 201 | 238 | 5 | 1.13 | < 0.2 | 45 | 210 | < 0.5 | < 2 | 0.17 | < 0.5 | 4 | 17 | 10 | 1.55 | < 10 | < 1 | 0.10 | 20 | 0.32 | 117 |
| L11E 1+50N | 201 | 238 | < 5 | 1.28 | < 0.2 | 155 | 200 | < 0.5 | < 2 | 0.17 | < 0.5 | 7 | 18 | 11 | 1.99 | < 10 | < 1 | 0.11 | 30 | 0.44 | 205 |
| L11E 2+00N | 201 | 238 | 10 | 1.25 | < 0.2 | 105 | 160 | < 0.5 | < 2 | 0.14 | < 0.5 | 6 | 18 | 10 | 1.89 | < 10 | < 1 | 0.08 | 20 | 0.37 | 160 |
| L11E 2+50N | 201 | 238 | 5 | 1.62 | < 0.2 | 180 | 230 | < 0.5 | < 2 | 0.16 | < 0.5 | 7 | 22 | 11 | 2.29 | < 10 | < 1 | 0.11 | 20 | 0.35 | 214 |
| L11E 3+00N | 201 | 238 | 20 | 1.17 | < 0.2 | 340 | 320 | < 0.5 | < 2 | 0.18 | < 0.5 | 7 | 17 | 12 | 1.86 | < 10 | < 1 | 0.12 | 40 | 0.31 | 204 |
| L11E 3+50N | 201 | 238 | 10 | 1.20 | 0.2 | 160 | 190 | < 0.5 | < 2 | 0.14 | < 0.5 | 4 | 15 | 9 | 1.69 | < 10 | < 1 | 0.12 | 40 | 0.30 | 117 |
| L11E 4+00N | 201 | 238 | < 5 | 1.37 | 0.4 | 55 | 350 | < 0.5 | < 2 | 0.20 | < 0.5 | 3 | 12 | 6 | 1.28 | < 10 | < 1 | 0.13 | 30 | 0.36 | 68 |
| L11E 4+50N | 201 | 238 | < 5 | 1.02 | 0.4 | 95 | 240 | < 0.5 | 2 | 0.14 | < 0.5 | 6 | 13 | 11 | 1.41 | < 10 | < 1 | 0.15 | 50 | 0.42 | 225 |
| L11E 5+00N | 201 | 238 | < 5 | 1.39 | < 0.2 | 10 | 230 | < 0.5 | < 2 | 0.25 | < 0.5 | 7 | 23 | 13 | 1.92 | < 10 | < 1 | 0.07 | 30 | 0.45 | 176 |
| L11E 0+00S | 201 | 238 | < 5 | 1.34 | < 0.2 | 65 | 210 | < 0.5 | < 2 | 0.25 | < 0.5 | 7 | 22 | 15 | 2.01 | < 10 | 1 | 0.11 | 30 | 0.42 | 175 |
| L11E 0+50S | 201 | 238 | < 5 | 1.30 | < 0.2 | 100 | 210 | < 0.5 | < 2 | 0.17 | < 0.5 | 7 | 20 | 13 | 2.02 | < 10 | < 1 | 0.09 | 20 | 0.36 | 255 |
| L11E 1+00S | 201 | 238 | 5 | 1.15 | 0.2 | 65 | 180 | < 0.5 | < 2 | 0.11 | < 0.5 | 5 | 15 | 11 | 1.59 | < 10 | < 1 | 0.07 | 30 | 0.40 | 139 |
| L11E 1+50S | 201 | 238 | < 5 | 1.13 | < 0.2 | 10 | 180 | < 0.5 | < 2 | 0.14 | < 0.5 | 5 | 17 | 11 | 1.65 | < 10 | < 1 | 0.05 | 20 | 0.32 | 186 |
| L11E 2+00S | 201 | 238 | < 5 | 1.68 | < 0.2 | 25 | 220 | < 0.5 | < 2 | 0.14 | < 0.5 | 8 | 25 | 15 | 2.49 | < 10 | < 1 | 0.06 | 20 | 0.46 | 253 |
| L11E 2+50S | 201 | 238 | 25 | 1.19 | < 0.2 | 30 | 190 | < 0.5 | < 2 | 0.12 | < 0.5 | 5 | 17 | 12 | 1.71 | < 10 | < 1 | 0.09 | 30 | 0.36 | 147 |
| L11E 3+00S | 201 | 238 | < 5 | 1.21 | 0.2 | 35 | 170 | < 0.5 | < 2 | 0.13 | < 0.5 | 5 | 17 | 11 | 1.69 | < 10 | < 1 | 0.11 | 30 | 0.35 | 154 |
| L11E 3+50S | 201 | 238 | < 5 | 1.38 | 0.2 | 70 | 180 | < 0.5 | < 2 | 0.08 | < 0.5 | 6 | 19 | 14 | 1.74 | < 10 | < 1 | 0.12 | 40 | 0.33 | 153 |
| L11E 4+00S | 201 | 238 | < 5 | 1.46 | < 0.2 | 75 | 190 | < 0.5 | < 2 | 0.08 | < 0.5 | 6 | 15 | 6 | 2.12 | < 10 | < 1 | 0.11 | 30 | 0.24 | 127 |
| L11E 4+50S | 201 | 238 | < 5 | 2.50 | < 0.2 | 80 | 310 | 0.5 | < 2 | 0.15 | < 0.5 | 9 | 30 | 11 | 2.83 | < 10 | < 1 | 0.11 | 30 | 0.49 | 224 |
| L11E 5+00S | 201 | 238 | < 5 | 1.95 | < 0.2 | 50 | 210 | < 0.5 | < 2 | 0.12 | < 0.5 | 8 | 25 | 11 | 2.47 | < 10 | < 1 | 0.09 | 20 | 0.40 | 198 |
| L12E 0+00N | 201 | 238 | 5 | 1.38 | 0.2 | 125 | 220 | < 0.5 | < 2 | 0.16 | < 0.5 | 5 | 20 | 11 | 1.88 | < 10 | 1 | 0.08 | 20 | 0.33 | 126 |
| L12E 0+50N | 201 | 238 | 5 | 1.06 | 0.2 | 105 | 260 | < 0.5 | < 2 | 0.20 | < 0.5 | 5 | 17 | 11 | 1.60 | < 10 | 1 | 0.12 | 30 | 0.31 | 153 |
| L12E 1+00N | 201 | 238 | 5 | 1.34 | 0.2 | 45 | 290 | < 0.5 | < 2 | 0.17 | < 0.5 | 3 | 15 | 9 | 1.60 | < 10 | < 1 | 0.11 | 20 | 0.29 | 95 |

CERTIFICATION : B. Caughlin

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Pa[redacted]. :6-B
Tot. Pages: 7
Date :14-JUL-88
Invoice # :I-8818344
P.O. # :ADR-KDR

# CERTIFICATE OF ANALYSIS A8818344

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L10E 3+00N | 201 | 238 | < 1 | 0.01 | 12 | 500 | 6 | < 5 | 2 | 16 | 0.02 | < 10 | < 10 | 26 | < 5 | 44 |
| L10E 3+50N | 201 | 238 | 2 | 0.01 | 12 | 890 | 24 | < 5 | 3 | 36 | 0.01 | < 10 | < 10 | 34 | < 5 | 58 |
| L10E 4+00N | 201 | 238 | < 1 | 0.01 | 11 | 250 | 16 | < 5 | 2 | 12 | 0.04 | < 10 | < 10 | 26 | < 5 | 33 |
| L10E 4+50N | 201 | 238 | < 1 | 0.01 | 10 | 210 | 8 | < 5 | 2 | 14 | 0.05 | < 10 | < 10 | 30 | < 5 | 36 |
| L10E 5+00N | 201 | 238 | < 1 | 0.01 | 17 | 410 | 6 | < 5 | 3 | 25 | 0.08 | < 10 | < 10 | 47 | 5 | 45 |
| L10E 0+00S | 201 | 238 | < 1 | 0.01 | 12 | 270 | 12 | < 5 | 3 | 14 | 0.05 | < 10 | < 10 | 29 | < 5 | 35 |
| L10E 0+50S | 201 | 238 | < 1 | 0.01 | 17 | 330 | 6 | < 5 | 3 | 16 | 0.06 | < 10 | < 10 | 39 | < 5 | 47 |
| L10E 1+00S | 201 | 238 | 1 | 0.01 | 7 | 170 | 12 | < 5 | 2 | 10 | 0.03 | < 10 | < 10 | 22 | < 5 | 32 |
| L10E 1+50S | 201 | 238 | < 1 | 0.01 | 16 | 210 | < 2 | < 5 | 4 | 15 | 0.07 | < 10 | < 10 | 46 | < 5 | 45 |
| L10E 2+00S | 201 | 238 | < 1 | 0.01 | 11 | 110 | 14 | < 5 | 3 | 14 | 0.07 | < 10 | < 10 | 45 | < 5 | 34 |
| L10E 2+50S | 201 | 238 | < 1 | 0.01 | 18 | 220 | 8 | < 5 | 4 | 16 | 0.08 | < 10 | < 10 | 47 | < 5 | 52 |
| L10E 3+00S | 201 | 238 | < 1 | 0.01 | 14 | 190 | 16 | < 5 | 3 | 13 | 0.08 | < 10 | < 10 | 47 | < 5 | 31 |
| L10E 3+50S | 201 | 238 | < 1 | 0.01 | 19 | 170 | 2 | < 5 | 4 | 19 | 0.09 | < 10 | < 10 | 52 | < 5 | 49 |
| L10E 4+00S | 201 | 238 | < 1 | 0.01 | 14 | 130 | 2 | < 5 | 4 | 15 | 0.08 | < 10 | < 10 | 48 | < 5 | 33 |
| L10E 4+50S | 201 | 238 | 1 | 0.01 | 15 | 170 | 10 | < 5 | 4 | 13 | 0.09 | < 10 | < 10 | 60 | < 5 | 51 |
| L10E 5+00S | 201 | 238 | < 1 | 0.01 | 16 | 170 | < 2 | < 5 | 4 | 14 | 0.08 | < 10 | < 10 | 54 | < 5 | 45 |
| L11E 0+50N | 201 | 238 | 1 | 0.01 | 16 | 390 | 8 | < 5 | 3 | 19 | 0.07 | < 10 | < 10 | 40 | < 5 | 48 |
| L11E 1+00N | 201 | 238 | 1 | 0.01 | 13 | 250 | 8 | < 5 | 2 | 15 | 0.05 | < 10 | < 10 | 29 | < 5 | 35 |
| L11E 1+50N | 201 | 238 | < 1 | 0.01 | 14 | 420 | 16 | < 5 | 3 | 14 | 0.04 | < 10 | < 10 | 31 | < 5 | 48 |
| L11E 2+00N | 201 | 238 | < 1 | 0.01 | 11 | 310 | 6 | < 5 | 2 | 11 | 0.05 | < 10 | < 10 | 31 | < 5 | 39 |
| L11E 2+50N | 201 | 238 | < 1 | 0.01 | 16 | 360 | 12 | < 5 | 3 | 14 | 0.05 | < 10 | < 10 | 39 | < 5 | 42 |
| L11E 3+00N | 201 | 238 | < 1 | 0.01 | 10 | 380 | 12 | < 5 | 3 | 19 | 0.04 | < 10 | < 10 | 29 | < 5 | 43 |
| L11E 3+50N | 201 | 238 | < 1 | 0.01 | 9 | 300 | 10 | < 5 | 2 | 13 | 0.04 | < 10 | < 10 | 27 | < 5 | 43 |
| L11E 4+00N | 201 | 238 | 1 | 0.01 | 9 | 560 | 2 | < 5 | 2 | 26 | 0.02 | < 10 | < 10 | 17 | 5 | 34 |
| L11E 4+50N | 201 | 238 | < 1 | 0.01 | 11 | 210 | 14 | < 5 | 3 | 16 | 0.04 | < 10 | < 10 | 20 | < 5 | 40 |
| L11E 5+00N | 201 | 238 | < 1 | 0.01 | 13 | 350 | 10 | < 5 | 4 | 20 | 0.09 | < 10 | < 10 | 38 | < 5 | 43 |
| L11E 0+00S | 201 | 238 | < 1 | 0.01 | 21 | 510 | 14 | < 5 | 4 | 19 | 0.07 | < 10 | < 10 | 38 | < 5 | 52 |
| L11E 0+50S | 201 | 238 | < 1 | 0.01 | 14 | 370 | 12 | < 5 | 2 | 14 | 0.06 | < 10 | < 10 | 36 | < 5 | 46 |
| L11E 1+00S | 201 | 238 | < 1 | 0.01 | 7 | 210 | 24 | < 5 | 2 | 10 | 0.04 | < 10 | < 10 | 24 | < 5 | 45 |
| L11E 1+50S | 201 | 238 | < 1 | 0.01 | 13 | 290 | 2 | < 5 | 2 | 11 | 0.05 | < 10 | < 10 | 32 | < 5 | 34 |
| L11E 2+00S | 201 | 238 | 1 | 0.01 | 17 | 190 | 8 | < 5 | 3 | 13 | 0.07 | < 10 | < 10 | 45 | < 5 | 49 |
| L11E 2+50S | 201 | 238 | < 1 | 0.01 | 11 | 200 | 12 | < 5 | 2 | 12 | 0.06 | < 10 | < 10 | 31 | < 5 | 36 |
| L11E 3+00S | 201 | 238 | < 1 | 0.01 | 15 | 240 | 16 | < 5 | 2 | 12 | 0.06 | < 10 | < 10 | 31 | < 5 | 40 |
| L11E 3+50S | 201 | 238 | 1 | 0.01 | 12 | 100 | 20 | < 5 | 2 | 10 | 0.04 | < 10 | < 10 | 28 | < 5 | 40 |
| L11E 4+00S | 201 | 238 | < 1 | 0.01 | 7 | 160 | 18 | < 5 | 2 | 12 | 0.04 | < 10 | < 10 | 34 | < 5 | 39 |
| L11E 4+50S | 201 | 238 | < 1 | 0.01 | 18 | 140 | 10 | < 5 | 4 | 17 | 0.09 | < 10 | < 10 | 56 | < 5 | 44 |
| L11E 5+00S | 201 | 238 | < 1 | 0.01 | 17 | 80 | 8 | < 5 | 3 | 12 | 0.07 | < 10 | < 10 | 45 | < 5 | 39 |
| L12E 0+00N | 201 | 238 | < 1 | 0.01 | 15 | 280 | 16 | < 5 | 3 | 14 | 0.05 | < 10 | < 10 | 34 | < 5 | 42 |
| L12E 0+50N | 201 | 238 | < 1 | 0.01 | 13 | 340 | 14 | < 5 | 3 | 16 | 0.05 | < 10 | < 10 | 29 | < 5 | 40 |
| L12E 1+00N | 201 | 238 | < 1 | 0.01 | 12 | 230 | 6 | < 5 | 2 | 16 | 0.05 | < 10 | < 10 | 29 | < 5 | 35 |

CERTIFICATION : B. Caughlin

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Page No. : 7-A
Tot. Pages: 7
Date : 14-JUL-88
Invoice # : I-8818344
P.O. # : ADR-KDR

# CERTIFICATE OF ANALYSIS A8818344

| SAMPLE DESCRIPTION | PREP CODE | | Au ppb FA+AA | Al % | Ag ppm | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L12E 1+50N | 201 | 238 | < 5 | 1.56 | 0.2 | 75 | 240 | < 0.5 | < 2 | 0.16 | 0.5 | 5 | 18 | 11 | 1.90 | < 10 | < 1 | 0.12 | 30 | 0.45 | 136 |
| L12E 2+00N | 201 | 238 | 15 | 1.38 | < 0.2 | 285 | 230 | < 0.5 | < 2 | 0.13 | < 0.5 | 6 | 17 | 11 | 2.01 | < 10 | < 1 | 0.13 | 30 | 0.31 | 161 |
| L12E 2+50N | 201 | 238 | 10 | 1.09 | 0.2 | 375 | 490 | < 0.5 | < 2 | 0.13 | < 0.5 | 5 | 14 | 10 | 1.66 | < 10 | < 1 | 0.11 | 30 | 0.22 | 186 |
| L12E 3+00N | 201 | 238 | < 5 | 1.07 | < 0.2 | 305 | 230 | < 0.5 | < 2 | 0.12 | < 0.5 | 3 | 15 | 9 | 1.76 | < 10 | < 1 | 0.09 | 30 | 0.26 | 142 |
| L12E 3+50N | 201 | 238 | < 5 | 0.95 | < 0.2 | 160 | 190 | < 0.5 | < 2 | 0.09 | < 0.5 | 3 | 12 | 8 | 1.46 | < 10 | 1 | 0.07 | 30 | 0.22 | 125 |
| L12E 4+00N | 201 | 238 | < 5 | 1.02 | 0.2 | 140 | 170 | < 0.5 | < 2 | 0.11 | < 0.5 | 3 | 12 | 8 | 1.35 | < 10 | < 1 | 0.09 | 30 | 0.23 | 85 |
| L12E 4+50N | 201 | 238 | < 5 | 1.32 | 0.2 | 35 | 210 | < 0.5 | < 2 | 0.14 | < 0.5 | 5 | 17 | 9 | 1.57 | < 10 | < 1 | 0.13 | 30 | 0.37 | 104 |
| L12E 5+00N | 201 | 238 | < 5 | 1.39 | < 0.2 | 135 | 270 | < 0.5 | < 2 | 0.19 | < 0.5 | 7 | 18 | 11 | 1.79 | < 10 | < 1 | 0.13 | 40 | 0.41 | 175 |
| L13E 0+00N | 201 | 238 | 5 | 1.57 | < 0.2 | 65 | 360 | < 0.5 | < 2 | 0.26 | < 0.5 | 5 | 22 | 12 | 1.90 | < 10 | 1 | 0.09 | 30 | 0.36 | 167 |
| L13E 0+50N | 201 | 238 | < 5 | 1.56 | < 0.2 | 70 | 260 | < 0.5 | < 2 | 0.19 | < 0.5 | 7 | 20 | 9 | 1.95 | < 10 | < 1 | 0.08 | 30 | 0.38 | 184 |
| L13E 1+00N | 201 | 238 | < 5 | 1.19 | < 0.2 | 60 | 230 | < 0.5 | < 2 | 0.17 | < 0.5 | 5 | 18 | 7 | 1.55 | < 10 | < 1 | 0.09 | 30 | 0.30 | 137 |
| L13E 1+50N | 201 | 238 | < 5 | 1.35 | < 0.2 | 40 | 230 | < 0.5 | < 2 | 0.17 | < 0.5 | 5 | 17 | 9 | 1.63 | < 10 | < 1 | 0.09 | 30 | 0.34 | 103 |
| L13E 2+00N | 201 | 238 | < 5 | 1.17 | 0.2 | 35 | 250 | < 0.5 | < 2 | 0.15 | < 0.5 | 3 | 15 | 9 | 1.36 | < 10 | < 1 | 0.11 | 40 | 0.41 | 103 |
| L13E 2+50N | 201 | 238 | 5 | 1.08 | 0.2 | 285 | 220 | < 0.5 | < 2 | 0.12 | < 0.5 | 6 | 12 | 8 | 1.67 | < 10 | < 1 | 0.10 | 20 | 0.34 | 146 |
| L13E 3+00N | 201 | 238 | < 5 | 0.79 | < 0.2 | 185 | 150 | < 0.5 | < 2 | 0.10 | < 0.5 | 3 | 10 | 6 | 1.17 | < 10 | < 1 | 0.09 | 30 | 0.19 | 79 |
| L13E 3+50N | 201 | 238 | < 5 | 1.36 | 0.2 | 220 | 150 | < 0.5 | < 2 | 0.08 | < 0.5 | 5 | 15 | 7 | 1.80 | < 10 | < 1 | 0.09 | 30 | 0.41 | 106 |
| L13E 4+00N | 201 | 238 | 15 | 1.05 | < 0.2 | 305 | 190 | < 0.5 | < 2 | 0.15 | < 0.5 | 3 | 15 | 10 | 1.74 | < 10 | < 1 | 0.13 | 30 | 0.26 | 161 |
| L13E 4+50N | 201 | 238 | < 5 | 1.73 | < 0.2 | 130 | 220 | 0.5 | < 2 | 0.12 | < 0.5 | 8 | 23 | 12 | 2.15 | < 10 | 1 | 0.08 | 30 | 0.41 | 187 |
| L13E 5+00N | 201 | 238 | < 5 | 1.02 | 0.2 | 80 | 180 | < 0.5 | < 2 | 0.12 | < 0.5 | 3 | 13 | 9 | 1.39 | < 10 | < 1 | 0.10 | 30 | 0.31 | 123 |
| L14E 0+00S | 201 | 238 | 5 | 0.95 | 0.2 | 80 | 220 | < 0.5 | < 2 | 0.20 | < 0.5 | 5 | 12 | 8 | 1.35 | < 10 | < 1 | 0.10 | 30 | 0.27 | 118 |
| L14E 0+50S | 201 | 238 | < 5 | 1.23 | 0.2 | 35 | 240 | < 0.5 | < 2 | 0.15 | < 0.5 | 3 | 14 | 7 | 1.47 | < 10 | < 1 | 0.08 | 20 | 0.26 | 84 |
| L14E 1+00S | 201 | 238 | < 5 | 1.26 | < 0.2 | 55 | 250 | < 0.5 | 2 | 0.15 | < 0.5 | 6 | 15 | 9 | 1.61 | < 10 | < 1 | 0.07 | 30 | 0.27 | 176 |
| L14E 1+50S | 201 | 238 | < 5 | 1.04 | < 0.2 | 75 | 170 | < 0.5 | < 2 | 0.10 | < 0.5 | 7 | 14 | 8 | 1.46 | < 10 | < 1 | 0.08 | 20 | 0.24 | 255 |
| L14E 2+00S | 201 | 238 | < 5 | 1.40 | < 0.2 | 55 | 240 | < 0.5 | < 2 | 0.17 | < 0.5 | 7 | 18 | 12 | 1.88 | < 10 | < 1 | 0.07 | 20 | 0.35 | 145 |
| L14E 2+50S | 201 | 238 | < 5 | 1.25 | < 0.2 | 50 | 170 | < 0.5 | < 2 | 0.11 | < 0.5 | 3 | 17 | 10 | 1.68 | < 10 | 1 | 0.05 | 20 | 0.24 | 85 |
| L14E 3+00S | 201 | 238 | < 5 | 1.21 | < 0.2 | 35 | 170 | < 0.5 | < 2 | 0.11 | < 0.5 | 5 | 17 | 9 | 1.72 | < 10 | < 1 | 0.07 | 20 | 0.27 | 119 |
| L14E 3+50S | 201 | 238 | < 5 | 1.38 | < 0.2 | 85 | 170 | < 0.5 | < 2 | 0.11 | < 0.5 | 5 | 19 | 9 | 1.97 | < 10 | < 1 | 0.09 | 30 | 0.31 | 133 |
| L14E 4+00S | 201 | 238 | < 5 | 1.16 | < 0.2 | 70 | 160 | < 0.5 | < 2 | 0.09 | < 0.5 | 3 | 15 | 8 | 1.61 | < 10 | < 1 | 0.11 | 30 | 0.27 | 388 |
| L14E 4+50S | 201 | 238 | < 5 | 0.51 | < 0.2 | 145 | 110 | < 0.5 | < 2 | 0.02 | < 0.5 | 1 | 3 | 2 | 0.67 | < 10 | 1 | 0.11 | 20 | 0.04 | 41 |
| L14E 5+00S | 201 | 238 | < 5 | 1.05 | < 0.2 | 115 | 160 | < 0.5 | < 2 | 0.08 | < 0.5 | 3 | 13 | 6 | 1.63 | < 10 | < 1 | 0.11 | 20 | 0.20 | 84 |
| L14E 5+50S | 201 | 238 | < 5 | 1.09 | < 0.2 | 135 | 190 | < 0.5 | < 2 | 0.07 | < 0.5 | 6 | 13 | 7 | 1.57 | < 10 | < 1 | 0.11 | 40 | 0.19 | 808 |
| L14E 6+00S | 201 | 238 | < 5 | 0.80 | < 0.2 | 100 | 110 | < 0.5 | < 2 | 0.07 | < 0.5 | 3 | 4 | 6 | 1.57 | < 10 | < 1 | 0.09 | 10 | 0.24 | 165 |
| L14E 6+50S | 201 | 238 | < 5 | 0.90 | 0.2 | 100 | 160 | < 0.5 | < 2 | 0.08 | < 0.5 | 3 | 12 | 7 | 1.44 | < 10 | < 1 | 0.10 | 20 | 0.19 | 108 |
| L14E 7+00S | 201 | 238 | < 5 | 1.56 | < 0.2 | 85 | 170 | 0.5 | < 2 | 0.11 | < 0.5 | 8 | 22 | 13 | 2.37 | < 10 | < 1 | 0.08 | 20 | 0.39 | 233 |
| L14E 7+50S | 201 | 238 | < 5 | 1.59 | < 0.2 | 120 | 280 | 0.5 | 2 | 0.16 | < 0.5 | 8 | 21 | 15 | 2.16 | < 10 | < 1 | 0.10 | 30 | 0.57 | 244 |
| L14E 8+00S | 201 | 238 | < 5 | 1.40 | < 0.2 | 115 | 300 | 0.5 | < 2 | 0.23 | < 0.5 | 8 | 22 | 18 | 2.12 | < 10 | < 1 | 0.12 | 40 | 0.58 | 260 |
| L14E 8+50S | 201 | 238 | < 5 | 1.24 | 0.2 | 170 | 210 | < 0.5 | < 2 | 0.13 | < 0.5 | 5 | 15 | 9 | 1.79 | < 10 | < 1 | 0.15 | 40 | 0.48 | 140 |
| L14E 9+00S | 201 | 238 | < 5 | 1.37 | < 0.2 | 245 | 180 | < 0.5 | < 2 | 0.11 | < 0.5 | 5 | 18 | 12 | 1.97 | < 10 | < 1 | 0.13 | 30 | 0.48 | 165 |
| L14E 9+50S | 201 | 238 | 5 | 1.76 | < 0.2 | 220 | 220 | 0.5 | < 2 | 0.21 | 0.5 | 9 | 27 | 14 | 2.53 | < 10 | < 1 | 0.10 | 20 | 0.57 | 261 |
| L14E 10+00S | 201 | 238 | 5 | 1.62 | < 0.2 | 240 | 240 | 0.5 | < 2 | 0.13 | < 0.5 | 7 | 18 | 11 | 2.[illegible] | < 10 | < 1 | 0.15 | 30 | 0.77 | 223 |

CERTIFICATION : B. Caufield

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Project : DAWSON-REEF
Comments: ATTN: ART TROUP CC: PERRY GRUNENBERG

Pa[redacted]o. : 7-B
Tot. Pages: 7
Date : 14-JUL-88
Invoice # : I-8818344
P.O. # : ADR-KDR

# CERTIFICATE OF ANALYSIS A8818344

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L12E 1+50N | 201 | 238 | < 1 | 0.01 | 14 | 320 | 8 | < 5 | 3 | 14 | 0.05 | < 10 | < 10 | 31 | < 5 | 45 |
| L12E 2+00N | 201 | 238 | < 1 | 0.01 | 10 | 410 | 20 | < 5 | 2 | 13 | 0.03 | < 10 | < 10 | 29 | < 5 | 44 |
| L12E 2+50N | 201 | 238 | < 1 | 0.01 | 9 | 320 | 26 | < 5 | 2 | 14 | 0.03 | < 10 | < 10 | 27 | < 5 | 32 |
| L12E 3+00N | 201 | 238 | < 1 | 0.01 | 9 | 280 | 16 | < 5 | 2 | 11 | 0.03 | < 10 | < 10 | 28 | < 5 | 37 |
| L12E 3+50N | 201 | 238 | < 1 | 0.01 | 8 | 190 | 12 | < 5 | 2 | 9 | 0.03 | < 10 | < 10 | 24 | < 5 | 33 |
| L12E 4+00N | 201 | 238 | < 1 | 0.01 | 7 | 340 | 14 | < 5 | 2 | 11 | 0.02 | < 10 | < 10 | 22 | < 5 | 31 |
| L12E 4+50N | 201 | 238 | < 1 | 0.01 | 10 | 150 | 10 | < 5 | 2 | 13 | 0.05 | < 10 | < 10 | 29 | < 5 | 34 |
| L12E 5+00N | 201 | 238 | 1 | 0.01 | 11 | 260 | 20 | < 5 | 3 | 18 | 0.06 | < 10 | < 10 | 32 | < 5 | 42 |
| L13E 0+00N | 201 | 238 | < 1 | 0.01 | 15 | 430 | 12 | < 5 | 3 | 23 | 0.05 | < 10 | < 10 | 38 | < 5 | 50 |
| L13E 0+50N | 201 | 238 | < 1 | 0.01 | 12 | 250 | 2 | < 5 | 3 | 17 | 0.06 | < 10 | < 10 | 39 | < 5 | 44 |
| L13E 1+00N | 201 | 238 | < 1 | 0.01 | 9 | 250 | < 2 | < 5 | 2 | 14 | 0.05 | < 10 | < 10 | 29 | < 5 | 36 |
| L13E 1+50N | 201 | 238 | < 1 | 0.01 | 11 | 310 | 10 | < 5 | 2 | 14 | 0.04 | < 10 | < 10 | 30 | < 5 | 39 |
| L13E 2+00N | 201 | 238 | < 1 | 0.01 | 8 | 280 | 12 | < 5 | 3 | 13 | 0.04 | < 10 | < 10 | 22 | < 5 | 43 |
| L13E 2+50N | 201 | 238 | < 1 | 0.01 | 12 | 300 | 18 | < 5 | 2 | 14 | 0.03 | < 10 | < 10 | 24 | < 5 | 39 |
| L13E 3+00N | 201 | 238 | < 1 | 0.01 | 5 | 260 | 12 | < 5 | 1 | 9 | 0.02 | < 10 | < 10 | 21 | < 5 | 26 |
| L13E 3+50N | 201 | 238 | 1 | 0.01 | 7 | 110 | 12 | < 5 | 3 | 10 | 0.04 | < 10 | < 10 | 28 | < 5 | 37 |
| L13E 4+00N | 201 | 238 | < 1 | 0.01 | 9 | 400 | 22 | < 5 | 3 | 12 | 0.03 | < 10 | < 10 | 26 | < 5 | 40 |
| L13E 4+50N | 201 | 238 | < 1 | 0.01 | 13 | 130 | 10 | < 5 | 3 | 12 | 0.05 | < 10 | < 10 | 33 | < 5 | 43 |
| L13E 5+00N | 201 | 238 | < 1 | 0.01 | 10 | 240 | 16 | < 5 | 2 | 12 | 0.04 | < 10 | < 10 | 21 | < 5 | 34 |
| L14E 0+00S | 201 | 238 | < 1 | 0.01 | 10 | 330 | 16 | < 5 | 2 | 16 | 0.04 | < 10 | < 10 | 23 | < 5 | 38 |
| L14E 0+50S | 201 | 238 | < 1 | 0.01 | 11 | 370 | 10 | < 5 | 2 | 15 | 0.03 | < 10 | < 10 | 27 | < 5 | 38 |
| L14E 1+00S | 201 | 238 | < 1 | 0.01 | 13 | 280 | 14 | < 5 | 2 | 13 | 0.04 | < 10 | < 10 | 31 | < 5 | 36 |
| L14E 1+50S | 201 | 238 | < 1 | 0.01 | 10 | 250 | 8 | < 5 | 2 | 10 | 0.04 | < 10 | < 10 | 28 | < 5 | 30 |
| L14E 2+00S | 201 | 238 | 1 | 0.01 | 15 | 340 | 14 | < 5 | 3 | 16 | 0.05 | < 10 | < 10 | 34 | < 5 | 41 |
| L14E 2+50S | 201 | 238 | < 1 | 0.01 | 9 | 430 | 10 | < 5 | 1 | 11 | 0.03 | < 10 | < 10 | 27 | < 5 | 30 |
| L14E 3+00S | 201 | 238 | < 1 | 0.01 | 8 | 280 | 4 | < 5 | 3 | 10 | 0.05 | < 10 | < 10 | 30 | < 5 | 29 |
| L14E 3+50S | 201 | 238 | < 1 | 0.01 | 8 | 250 | 10 | < 5 | 3 | 10 | 0.05 | < 10 | < 10 | 33 | < 5 | 34 |
| L14E 4+00S | 201 | 238 | < 1 | 0.01 | 9 | 130 | 8 | < 5 | 2 | 10 | 0.04 | < 10 | < 10 | 26 | < 5 | 35 |
| L14E 4+50S | 201 | 238 | < 1 | < 0.01 | 1 | 70 | 10 | < 5 | 1 | 4 | < 0.01 | < 10 | < 10 | 10 | < 5 | 13 |
| L14E 5+00S | 201 | 238 | < 1 | 0.01 | 8 | 170 | 16 | < 5 | 2 | 9 | 0.04 | < 10 | < 10 | 35 | < 5 | 24 |
| L14E 5+50S | 201 | 238 | 1 | 0.01 | 9 | 250 | 18 | < 5 | 1 | 9 | 0.02 | < 10 | < 10 | 24 | < 5 | 31 |
| L14E 6+00S | 201 | 238 | < 1 | < 0.01 | 5 | 140 | 24 | < 5 | 3 | 10 | 0.01 | < 10 | < 10 | 11 | < 5 | 40 |
| L14E 6+50S | 201 | 238 | < 1 | < 0.01 | 9 | 310 | 8 | < 5 | 1 | 7 | 0.02 | < 10 | < 10 | 22 | < 5 | 27 |
| L14E 7+00S | 201 | 238 | < 1 | 0.01 | 13 | 190 | 14 | < 5 | 3 | 11 | 0.05 | < 10 | < 10 | 38 | < 5 | 46 |
| L14E 7+50S | 201 | 238 | < 1 | 0.01 | 13 | 380 | 12 | < 5 | 4 | 15 | 0.05 | < 10 | < 10 | 36 | < 5 | 49 |
| L14E 8+00S | 201 | 238 | < 1 | 0.01 | 14 | 390 | 12 | < 5 | 3 | 21 | 0.07 | < 10 | < 10 | 36 | < 5 | 54 |
| L14E 8+50S | 201 | 238 | < 1 | 0.01 | 10 | 350 | 10 | < 5 | 2 | 14 | 0.04 | < 10 | < 10 | 25 | < 5 | 44 |
| L14E 9+00S | 201 | 238 | < 1 | 0.01 | 12 | 430 | 8 | < 5 | 1 | 11 | 0.03 | < 10 | < 10 | 32 | < 5 | 48 |
| L14E 9+50S | 201 | 238 | < 1 | 0.01 | 21 | 400 | 8 | < 5 | 3 | 18 | 0.08 | < 10 | < 10 | 50 | < 5 | 58 |
| L14E 10+00S | 201 | 238 | < 1 | 0.01 | 11 | 210 | 8 | < 5 | 3 | 13 | 0.06 | < 10 | < 10 | 29 | < 5 | 50 |

CERTIFICATION: B. Caughlin

**Chemex Labs Ltd.**
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1800 - 999 W. HASTINGS ST.
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V6C 2W2
Project : REEF-DAW
Comments: ATTN: A. TROUP CC: P. GRUNENBERG

Pa[redacted]. : 1-A
Tot[redacted]ages: 2
Date : 19-JUL-88
Invoice # : I-8818621
P.O. # : AOR KDR

# CERTIFICATE OF ANALYSIS A8818621

| SAMPLE DESCRIPTION | PREP CODE | | Au ppb FA+AA | Al % | Ag ppm | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L6E 0+50N | 201 | 238 | < 5 | 2.54 | 0.2 | 15 | 270 | 0.5 | < 2 | 0.15 | < 0.5 | 9 | 34 | 15 | 2.96 | < 10 | < 1 | 0.09 | 20 | 0.59 | 248 |
| L6E 1+00N | 201 | 238 | < 5 | 2.40 | 0.2 | 30 | 440 | < 0.5 | < 2 | 0.13 | < 0.5 | 5 | 31 | 8 | 2.93 | 10 | < 1 | 0.05 | 20 | 0.59 | 220 |
| L6E 1+50N | 201 | 238 | < 5 | 1.90 | 0.2 | 5 | 290 | < 0.5 | < 2 | 0.25 | < 0.5 | 9 | 31 | 19 | 2.50 | < 10 | < 1 | 0.06 | 40 | 0.88 | 282 |
| L6E 2+00N | 201 | 238 | < 5 | 1.64 | 0.2 | 10 | 200 | < 0.5 | < 2 | 0.21 | < 0.5 | 6 | 27 | 16 | 2.05 | < 10 | < 1 | 0.06 | 30 | 0.62 | 146 |
| L6E 2+50N | 201 | 238 | < 5 | 1.67 | 0.2 | 15 | 210 | < 0.5 | < 2 | 0.21 | < 0.5 | 6 | 27 | 16 | 2.18 | < 10 | < 1 | 0.05 | 30 | 0.70 | 189 |
| L6E 3+00N | 201 | 238 | < 5 | 1.42 | 0.2 | 20 | 160 | < 0.5 | 2 | 0.17 | < 0.5 | 4 | 22 | 11 | 1.85 | < 10 | < 1 | 0.06 | 20 | 0.66 | 145 |
| L6E 3+50N | 201 | 238 | < 5 | 1.53 | 0.2 | 15 | 160 | 0.5 | < 2 | 0.14 | < 0.5 | 6 | 22 | 13 | 1.84 | < 10 | < 1 | 0.08 | 30 | 0.62 | 124 |
| L6E 4+00N | 201 | 238 | < 5 | 1.57 | 0.2 | 10 | 200 | < 0.5 | < 2 | 0.19 | < 0.5 | 5 | 24 | 15 | 2.01 | < 10 | < 1 | 0.06 | 30 | 0.64 | 148 |
| L6E 4+50N | 201 | 238 | < 5 | 1.33 | 0.2 | 10 | 160 | < 0.5 | < 2 | 0.14 | < 0.5 | 6 | 20 | 11 | 1.78 | < 10 | < 1 | 0.09 | 30 | 0.51 | 164 |
| L6E 5+00N | 201 | 238 | < 5 | 1.78 | 0.2 | 20 | 230 | 0.5 | < 2 | 0.16 | < 0.5 | 7 | 24 | 13 | 2.17 | < 10 | 1 | 0.11 | 30 | 0.67 | 158 |
| L7E 0+00N | 201 | 238 | < 5 | 1.95 | 0.2 | 80 | 220 | 0.5 | < 2 | 0.10 | < 0.5 | 6 | 23 | 8 | 2.23 | < 10 | < 1 | 0.10 | 30 | 0.32 | 163 |
| L7E 0+50N | 201 | 238 | < 5 | 1.22 | 0.2 | 35 | 320 | 0.5 | < 2 | 0.20 | < 0.5 | 7 | 19 | 14 | 1.72 | < 10 | < 1 | 0.14 | 50 | 0.50 | 265 |
| L7E 1+00N | 201 | 238 | < 5 | 1.26 | 0.2 | < 5 | 160 | < 0.5 | < 2 | 0.11 | < 0.5 | < 1 | 17 | 7 | 1.42 | < 10 | < 1 | 0.09 | 30 | 0.32 | 97 |
| L7E 1+50N | 201 | 238 | < 5 | 1.37 | 0.2 | 55 | 240 | 0.5 | < 2 | 0.19 | < 0.5 | 5 | 23 | 13 | 1.88 | < 10 | < 1 | 0.06 | 30 | 0.50 | 187 |
| L7E 2+00N | 201 | 238 | < 5 | 1.15 | 0.6 | 80 | 230 | 0.5 | < 2 | 0.22 | < 0.5 | 4 | 20 | 12 | 1.62 | < 10 | < 1 | 0.08 | 30 | 0.39 | 177 |
| L7E 2+50N | 201 | 238 | < 5 | 0.34 | 0.2 | 10 | 50 | < 0.5 | < 2 | 0.01 | < 0.5 | < 1 | 2 | 2 | 0.30 | < 10 | < 1 | 0.08 | 20 | 0.07 | 41 |
| L7E 3+00N | 201 | 238 | < 5 | 0.73 | 0.2 | 5 | 80 | < 0.5 | < 2 | 0.03 | < 0.5 | < 1 | 7 | 2 | 0.74 | < 10 | < 1 | 0.08 | 50 | 0.21 | 40 |
| L7E 3+50N | 201 | 238 | < 5 | 0.53 | 0.2 | 10 | 110 | < 0.5 | < 2 | 0.02 | < 0.5 | < 1 | 6 | 4 | 0.61 | < 10 | < 1 | 0.11 | 70 | 0.11 | 77 |
| L7E 4+00N | 201 | 238 | < 5 | 1.26 | 0.2 | 10 | 150 | < 0.5 | < 2 | 0.08 | < 0.5 | 4 | 17 | 7 | 1.58 | < 10 | < 1 | 0.07 | 30 | 0.31 | 139 |
| L7E 4+50N | 201 | 238 | < 5 | 1.22 | 0.2 | < 5 | 160 | < 0.5 | < 2 | 0.10 | < 0.5 | < 1 | 17 | 8 | 1.32 | < 10 | < 1 | 0.09 | 40 | 0.33 | 86 |
| L7E 5+00N | 201 | 238 | < 5 | 1.27 | 0.2 | 15 | 140 | < 0.5 | < 2 | 0.12 | < 0.5 | < 1 | 17 | 6 | 1.33 | < 10 | < 1 | 0.10 | 40 | 0.41 | 94 |
| L12E 0+00S | 201 | 238 | < 5 | 1.07 | 0.2 | 180 | 220 | 0.5 | < 2 | 0.17 | < 0.5 | 4 | 17 | 10 | 1.58 | < 10 | < 1 | 0.09 | 30 | 0.30 | 160 |
| L12E 0+50S | 201 | 238 | < 5 | 1.41 | 0.2 | 75 | 180 | < 0.5 | < 2 | 0.15 | < 0.5 | < 1 | 20 | 11 | 1.74 | < 10 | < 1 | 0.09 | 30 | 0.35 | 120 |
| L12E 1+00S | 201 | 238 | < 5 | 1.33 | 0.2 | 130 | 280 | 0.5 | 2 | 0.26 | < 0.5 | 6 | 23 | 15 | 2.01 | < 10 | < 1 | 0.09 | 40 | 0.36 | 563 |
| L12E 1+50S | 201 | 238 | < 5 | 1.33 | 0.2 | 55 | 220 | 0.5 | < 2 | 0.20 | < 0.5 | 6 | 22 | 14 | 1.77 | < 10 | 1 | 0.09 | 40 | 0.38 | 199 |
| L12E 2+00S | 201 | 238 | < 5 | 1.19 | 0.2 | 55 | 150 | < 0.5 | < 2 | 0.16 | < 0.5 | 4 | 18 | 8 | 1.55 | < 10 | < 1 | 0.08 | 30 | 0.35 | 137 |
| L12E 2+50S | 201 | 238 | < 5 | 1.67 | 0.2 | 30 | 210 | 0.5 | < 2 | 0.19 | < 0.5 | 6 | 26 | 14 | 2.10 | < 10 | 2 | 0.09 | 20 | 0.43 | 174 |
| L12E 3+00S | 201 | 238 | < 5 | 1.65 | 0.2 | 40 | 240 | 0.5 | < 2 | 0.24 | < 0.5 | 7 | 28 | 17 | 2.14 | < 10 | < 1 | 0.10 | 30 | 0.50 | 193 |
| L12E 3+50S | 201 | 238 | < 5 | 1.44 | 0.2 | 85 | 190 | < 0.5 | < 2 | 0.13 | < 0.5 | 4 | 19 | 8 | 1.60 | < 10 | < 1 | 0.12 | 30 | 0.30 | 104 |
| L12E 4+00S | 201 | 238 | < 5 | 1.45 | 0.2 | 105 | 210 | < 0.5 | < 2 | 0.12 | < 0.5 | 4 | 20 | 7 | 1.83 | < 10 | < 1 | 0.08 | 20 | 0.32 | 129 |
| L12E 4+50S | 201 | 238 | < 5 | 0.92 | 0.2 | 60 | 130 | < 0.5 | < 2 | 0.06 | < 0.5 | 4 | 12 | 7 | 1.73 | < 10 | < 1 | 0.08 | 30 | 0.19 | 180 |
| L12E 5+00S | 201 | 238 | < 5 | 1.15 | 0.2 | 75 | 110 | < 0.5 | < 2 | 0.03 | < 0.5 | < 1 | 9 | 3 | 1.37 | < 10 | < 1 | 0.08 | 20 | 0.13 | 66 |
| L13E 0+00S | 201 | 238 | < 5 | 1.08 | 0.2 | 70 | 140 | < 0.5 | < 2 | 0.13 | < 0.5 | < 1 | 17 | 6 | 1.48 | < 10 | 1 | 0.07 | 30 | 0.27 | 167 |
| L13E 0+50S | 201 | 238 | < 5 | 1.74 | 0.2 | 50 | 270 | 0.5 | < 2 | 0.22 | < 0.5 | 8 | 21 | 14 | 2.17 | 10 | < 1 | 0.09 | 30 | 0.41 | 177 |
| L13E 1+00S | 201 | 238 | < 5 | 1.20 | 0.2 | 50 | 180 | < 0.5 | 2 | 0.19 | < 0.5 | 2 | 16 | 10 | 1.62 | < 10 | < 1 | 0.08 | 30 | 0.32 | 148 |
| L13E 1+50S | 201 | 238 | < 5 | 1.50 | 0.2 | 60 | 180 | 0.5 | 2 | 0.21 | < 0.5 | 2 | 18 | 11 | 1.92 | 10 | < 1 | 0.08 | 30 | 0.39 | 147 |
| L13E 2+00S | 201 | 238 | < 5 | 1.32 | 0.2 | 70 | 180 | 0.5 | < 2 | 0.14 | < 0.5 | 3 | 17 | 10 | 1.62 | < 10 | < 1 | 0.09 | 40 | 0.29 | 174 |
| L13E 2+50S | 201 | 238 | < 5 | 1.30 | 0.2 | 60 | 190 | 0.5 | < 2 | 0.15 | < 0.5 | 2 | 18 | 11 | 1.89 | < 10 | < 1 | 0.09 | 30 | 0.31 | 388 |
| L13E 3+00S | 201 | 238 | < 5 | 1.42 | 0.2 | 70 | 230 | 0.5 | < 2 | 0.18 | < 0.5 | 2 | 18 | 13 | 1.88 | < 10 | < 1 | 0.08 | 30 | 0.37 | 168 |
| L13E 3+50S | 201 | 238 | < 5 | 1.36 | 0.2 | 35 | 180 | < 0.5 | 2 | 0.15 | < 0.5 | 2 | 20 | 11 | 1.82 | < 10 | < 1 | 0.07 | 20 | 0.34 | 148 |

CERTIFICATION :

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P.O. # : AOR KDR

# CERTIFICATE OF ANALYSIS A8818621

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L6E 0+50N | 201 | 238 | < 1 | 0.01 | 23 | 170 | 24 | < 5 | 4 | 16 | 0.10 | < 10 | < 10 | 55 | < 5 | 55 |
| L6E 1+00N | 201 | 238 | < 1 | 0.01 | 14 | 220 | 24 | < 5 | 3 | 15 | 0.10 | < 10 | < 10 | 65 | < 5 | 44 |
| L6E 1+50N | 201 | 238 | < 1 | 0.01 | 19 | 390 | 22 | < 5 | 5 | 23 | 0.10 | < 10 | < 10 | 49 | < 5 | 61 |
| L6E 2+00N | 201 | 238 | < 1 | 0.01 | 18 | 560 | 20 | < 5 | 3 | 18 | 0.07 | < 10 | < 10 | 41 | < 5 | 47 |
| L6E 2+50N | 201 | 238 | < 1 | 0.01 | 18 | 440 | 14 | < 5 | 3 | 18 | 0.08 | < 10 | < 10 | 40 | < 5 | 53 |
| L6E 3+00N | 201 | 238 | < 1 | < 0.01 | 14 | 440 | 14 | < 5 | 2 | 14 | 0.06 | < 10 | < 10 | 32 | < 5 | 48 |
| L6E 3+50N | 201 | 238 | < 1 | 0.01 | 11 | 400 | 22 | < 5 | 2 | 13 | 0.06 | < 10 | < 10 | 29 | < 5 | 48 |
| L6E 4+00N | 201 | 238 | < 1 | 0.01 | 14 | 430 | 8 | < 5 | 3 | 17 | 0.07 | < 10 | < 10 | 35 | < 5 | 49 |
| L6E 4+50N | 201 | 238 | < 1 | < 0.01 | 11 | 400 | 12 | < 5 | 2 | 13 | 0.06 | < 10 | < 10 | 28 | < 5 | 46 |
| L6E 5+00N | 201 | 238 | < 1 | 0.01 | 13 | 450 | 18 | < 5 | 3 | 15 | 0.08 | < 10 | < 10 | 34 | < 5 | 56 |
| L7E 0+00N | 201 | 238 | < 1 | < 0.01 | 12 | 220 | 12 | < 5 | 3 | 10 | 0.06 | < 10 | < 10 | 41 | < 5 | 34 |
| L7E 0+50N | 201 | 238 | < 1 | 0.01 | 13 | 330 | 20 | < 5 | 3 | 23 | 0.05 | < 10 | < 10 | 28 | < 5 | 44 |
| L7E 1+00N | 201 | 238 | < 1 | 0.01 | 7 | 290 | 8 | < 5 | 1 | 11 | 0.04 | < 10 | < 10 | 25 | < 5 | 30 |
| L7E 1+50N | 201 | 238 | < 1 | 0.01 | 13 | 250 | 14 | < 5 | 3 | 18 | 0.07 | < 10 | < 10 | 34 | < 5 | 43 |
| L7E 2+00N | 201 | 238 | < 1 | < 0.01 | 12 | 340 | 14 | < 5 | 3 | 19 | 0.07 | < 10 | < 10 | 32 | < 5 | 37 |
| L7E 2+50N | 201 | 238 | < 1 | < 0.01 | 1 | 230 | 8 | < 5 | < 1 | 3 | < 0.01 | < 10 | < 10 | 6 | < 5 | 11 |
| L7E 3+00N | 201 | 238 | < 1 | < 0.01 | 5 | 150 | 26 | < 5 | 1 | 6 | 0.02 | < 10 | < 10 | 10 | < 5 | 19 |
| L7E 3+50N | 201 | 238 | < 1 | < 0.01 | 2 | 190 | 56 | < 5 | 1 | 9 | 0.01 | < 10 | < 10 | 7 | < 5 | 16 |
| L7E 4+00N | 201 | 238 | < 1 | 0.01 | 11 | 160 | 32 | < 5 | 2 | 9 | 0.05 | < 10 | < 10 | 29 | < 5 | 33 |
| L7E 4+50N | 201 | 238 | < 1 | 0.01 | 10 | 230 | 24 | < 5 | 2 | 11 | 0.05 | < 10 | < 10 | 25 | < 5 | 32 |
| L7E 5+00N | 201 | 238 | < 1 | < 0.01 | 7 | 200 | 18 | < 5 | 2 | 12 | 0.06 | < 10 | < 10 | 26 | < 5 | 32 |
| L12E 0+00S | 201 | 238 | < 1 | 0.01 | 11 | 280 | 10 | < 5 | 3 | 15 | 0.05 | < 10 | < 10 | 28 | < 5 | 39 |
| L12E 0+50S | 201 | 238 | < 1 | 0.01 | 10 | 340 | 22 | < 5 | 2 | 13 | 0.06 | < 10 | < 10 | 32 | < 5 | 43 |
| L12E 1+00S | 201 | 238 | < 1 | 0.01 | 15 | 460 | 24 | < 5 | 3 | 21 | 0.06 | < 10 | < 10 | 38 | < 5 | 54 |
| L12E 1+50S | 201 | 238 | < 1 | 0.01 | 13 | 280 | 18 | < 5 | 3 | 16 | 0.08 | < 10 | < 10 | 36 | < 5 | 43 |
| L12E 2+00S | 201 | 238 | < 1 | 0.01 | 11 | 300 | 8 | < 5 | 2 | 14 | 0.06 | < 10 | < 10 | 31 | < 5 | 41 |
| L12E 2+50S | 201 | 238 | < 1 | 0.01 | 16 | 470 | 18 | < 5 | 3 | 17 | 0.07 | < 10 | < 10 | 42 | < 5 | 48 |
| L12E 3+00S | 201 | 238 | < 1 | 0.01 | 14 | 350 | 24 | < 5 | 4 | 20 | 0.10 | < 10 | < 10 | 45 | < 5 | 52 |
| L12E 3+50S | 201 | 238 | < 1 | 0.01 | 11 | 320 | 20 | < 5 | 2 | 13 | 0.05 | < 10 | < 10 | 34 | < 5 | 32 |
| L12E 4+00S | 201 | 238 | < 1 | < 0.01 | 11 | 190 | 10 | < 5 | 2 | 12 | 0.06 | < 10 | < 10 | 36 | < 5 | 33 |
| L12E 4+50S | 201 | 238 | < 1 | < 0.01 | 7 | 180 | 18 | < 5 | 2 | 7 | 0.02 | < 10 | < 10 | 20 | < 5 | 43 |
| L12E 5+00S | 201 | 238 | < 1 | < 0.01 | 5 | 100 | 20 | < 5 | 2 | 6 | 0.01 | < 10 | < 10 | 14 | < 5 | 19 |
| L13E 0+00S | 201 | 238 | < 1 | < 0.01 | 9 | 270 | 6 | < 5 | 2 | 12 | 0.04 | < 10 | < 10 | 30 | < 5 | 38 |
| L13E 0+50S | 201 | 238 | 1 | 0.01 | 14 | 430 | 10 | < 5 | 4 | 18 | 0.08 | < 10 | < 10 | 44 | 10 | 52 |
| L13E 1+00S | 201 | 238 | < 1 | 0.01 | 11 | 330 | 14 | < 5 | 3 | 15 | 0.06 | < 10 | < 10 | 32 | < 5 | 40 |
| L13E 1+50S | 201 | 238 | 1 | 0.01 | 10 | 340 | 30 | < 5 | 3 | 16 | 0.08 | < 10 | < 10 | 38 | < 5 | 45 |
| L13E 2+00S | 201 | 238 | < 1 | 0.01 | 6 | 260 | 22 | < 5 | 3 | 12 | 0.06 | < 10 | < 10 | 31 | < 5 | 35 |
| L13E 2+50S | 201 | 238 | < 1 | 0.01 | 10 | 290 | 26 | < 5 | 2 | 14 | 0.06 | < 10 | < 10 | 35 | < 5 | 38 |
| L13E 3+00S | 201 | 238 | 1 | 0.01 | 14 | 300 | 24 | < 5 | 3 | 16 | 0.07 | < 10 | < 10 | 36 | < 5 | 40 |
| L13E 3+50S | 201 | 238 | < 1 | 0.01 | 6 | 280 | 16 | < 5 | 3 | 13 | 0.05 | < 10 | < 10 | 34 | < 5 | 37 |

CERTIFICATION : BC

**Chemex Labs Ltd.**
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T[illegible]ARK MANAGEMENT LIMITED
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VANCOUVER, BC
V6C 2W2
Project : REEF-DAW
Comments: ATTN: A. TROUP CC: P. GRUNENBERG

Pag[illegible] : 2-A
Tot. Pages: 2
Date : 19-JUL-88
Invoice # : I-8818621
P.O. # : AOR KDR

# CERTIFICATE OF ANALYSIS A8818621

| SAMPLE DESCRIPTION | PREP CODE | Au ppb FA+AA | Al % | Ag ppm | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L13E 4+00S | 201 238 | < 5 | 1.47 | 0.2 | 50 | 170 | < 0.5 | < 2 | 0.14 | < 0.5 | 2 | 15 | 17 | 1.89 | < 10 | < 1 | 0.07 | 20 | 0.38 | 110 |
| L13E 4+50S | 201 238 | < 5 | 1.46 | 0.2 | 65 | 180 | 0.5 | 2 | 0.18 | < 0.5 | 2 | 17 | 11 | 1.88 | 10 | < 1 | 0.10 | 30 | 0.39 | 135 |
| L13E 5+00S | 201 238 | < 5 | 1.68 | 0.2 | 35 | 240 | 0.5 | 2 | 0.20 | < 0.5 | 8 | 23 | 14 | 2.21 | < 10 | < 1 | 0.09 | 30 | 0.48 | 210 |
| L25E 0+00S | 201 238 | < 5 | 1.49 | 0.2 | 55 | 140 | 0.5 | 2 | 0.11 | < 0.5 | 2 | 18 | 10 | 1.82 | < 10 | < 1 | 0.06 | 30 | 0.34 | 135 |
| L25E 0+50S | 201 238 | < 5 | 1.13 | 0.2 | 20 | 340 | 0.5 | 2 | 0.08 | < 0.5 | 3 | 12 | 26 | 1.60 | 10 | < 1 | 0.05 | 50 | 0.34 | 125 |
| L25E 1+00S | 201 238 | < 5 | 2.07 | 0.2 | 85 | 190 | 0.5 | < 2 | 0.08 | < 0.5 | 6 | 17 | 12 | 2.33 | < 10 | < 1 | 0.06 | 30 | 0.30 | 160 |
| L25E 1+50S | 201 238 | < 5 | 1.22 | 0.2 | 315 | 170 | < 0.5 | 4 | 0.06 | < 0.5 | 3 | 5 | 9 | 1.56 | < 10 | < 1 | 0.12 | 30 | 0.17 | 72 |
| L25E 2+00S | 201 238 | < 5 | 1.01 | 0.2 | 320 | 160 | < 0.5 | < 2 | 0.06 | < 0.5 | 3 | 6 | 7 | 1.17 | 10 | < 1 | 0.15 | 40 | 0.12 | 48 |
| L25E 2+50S | 201 238 | < 5 | 1.16 | 0.2 | 160 | 160 | < 0.5 | 6 | 0.11 | < 0.5 | 3 | 15 | 6 | 1.57 | < 10 | < 1 | 0.12 | 30 | 0.21 | 89 |
| L25E 3+00S | 201 238 | < 5 | 1.14 | 0.2 | 70 | 150 | < 0.5 | < 2 | 0.09 | < 0.5 | 2 | 12 | 8 | 1.76 | < 10 | < 1 | 0.09 | 20 | 0.31 | 113 |
| L25E 3+50S | 201 238 | 40 | 1.42 | 0.4 | 105 | 210 | 0.5 | 2 | 0.15 | < 0.5 | 6 | 18 | 8 | 1.91 | 10 | < 1 | 0.11 | 20 | 0.30 | 139 |
| L25E 4+00S | 201 238 | < 5 | 1.37 | 0.4 | 60 | 340 | 0.5 | 4 | 0.10 | < 0.5 | 3 | 9 | 7 | 1.47 | 10 | < 1 | 0.17 | 50 | 0.23 | 119 |
| L25E 4+50S | 201 238 | < 5 | 0.85 | 0.2 | 100 | 160 | < 0.5 | < 2 | 0.13 | < 0.5 | 3 | 4 | 5 | 1.32 | < 10 | < 1 | 0.21 | 20 | 0.13 | 65 |
| L25E 5+00S | 201 238 | < 5 | 1.04 | 0.2 | 40 | 130 | < 0.5 | < 2 | 0.19 | < 0.5 | 3 | 10 | 7 | 1.38 | < 10 | < 1 | 0.10 | 20 | 0.19 | 88 |
| L25E 5+50S | 201 238 | < 5 | 0.55 | 0.6 | 145 | 190 | < 0.5 | 2 | 0.06 | < 0.5 | 4 | 5 | 18 | 1.47 | < 10 | < 1 | 0.11 | 40 | 0.10 | 93 |
| L25E 6+00S | 201 238 | < 5 | 0.70 | 0.2 | 80 | 170 | < 0.5 | 2 | 0.08 | < 0.5 | 3 | 5 | 7 | 0.86 | < 10 | < 1 | 0.09 | 40 | 0.12 | 41 |
| L25E 6+50S | 201 238 | < 5 | 1.50 | 0.6 | 185 | 330 | 0.5 | < 2 | 0.14 | < 0.5 | 7 | 13 | 10 | 1.94 | < 10 | < 1 | 0.08 | 40 | 0.36 | 106 |
| L25E 7+00S | 201 238 | < 5 | 1.10 | 0.2 | 65 | 170 | < 0.5 | < 2 | 0.11 | < 0.5 | 3 | 15 | 8 | 1.52 | 10 | < 1 | 0.09 | 40 | 0.30 | 123 |
| L25E 7+50S | 201 238 | < 5 | 1.38 | 0.2 | 40 | 160 | < 0.5 | 2 | 0.12 | < 0.5 | 3 | 10 | 8 | 1.75 | 10 | 1 | 0.09 | 40 | 0.28 | 116 |
| L25E 8+00S | 201 238 | < 5 | 1.45 | 0.2 | 50 | 150 | < 0.5 | < 2 | 0.16 | < 0.5 | 2 | 15 | 8 | 1.99 | 10 | < 1 | 0.07 | 30 | 0.32 | 126 |
| L25E 8+50S | 201 238 | < 5 | 1.02 | 0.2 | 30 | 110 | < 0.5 | < 2 | 0.10 | < 0.5 | 3 | 11 | 7 | 1.64 | < 10 | < 1 | 0.06 | 30 | 0.23 | 88 |
| L25E 9+00S | 201 238 | < 5 | 1.44 | 0.2 | 50 | 130 | < 0.5 | < 2 | 0.13 | < 0.5 | 6 | 17 | 9 | 2.07 | < 10 | < 1 | 0.08 | 30 | 0.35 | 147 |
| L25E 9+50S | 201 238 | < 5 | 1.31 | 0.2 | 10 | 130 | < 0.5 | 2 | 0.11 | < 0.5 | 3 | 16 | 7 | 1.76 | < 10 | < 1 | 0.07 | 20 | 0.28 | 117 |
| L25E 10+00S | 201 238 | < 5 | 1.78 | 0.2 | 35 | 140 | < 0.5 | < 2 | 0.21 | < 0.5 | 10 | 23 | 12 | 2.64 | < 10 | < 1 | 0.09 | 20 | 0.43 | 211 |

CERTIFICATION :

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V6C 2W2
Project : REEF-DAW
Comments: ATTN: A. TROUP CC: P. GRUNENBERG

Pag[redacted]. :2-B
Tot. Pages: 2
Date :19-JUL-88
Invoice # :I-8818621
P.O. # :AOR KDR

# CERTIFICATE OF ANALYSIS A8818621

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L13E 4+00S | 201 | 238 | 1 | 0.01 | 9 | 350 | 16 | < 5 | 2 | 13 | 0.05 | < 10 | < 10 | 36 | < 5 | 38 |
| L13E 4+50S | 201 | 238 | 1 | 0.01 | 12 | 240 | 22 | < 5 | 3 | 15 | 0.07 | < 10 | < 10 | 35 | < 5 | 42 |
| L13E 5+00S | 201 | 238 | < 1 | 0.01 | 13 | 300 | 10 | < 5 | 4 | 17 | 0.08 | < 10 | < 10 | 43 | < 5 | 45 |
| L25E 0+00S | 201 | 238 | 1 | 0.01 | 11 | 90 | 20 | < 5 | 3 | 11 | 0.06 | < 10 | < 10 | 36 | < 5 | 37 |
| L25E 0+50S | 201 | 238 | 1 | 0.01 | 12 | 180 | 92 | < 5 | 3 | 12 | 0.03 | < 10 | < 10 | 21 | < 5 | 111 |
| L25E 1+00S | 201 | 238 | < 1 | 0.01 | 9 | 170 | 40 | < 5 | 3 | 9 | 0.06 | < 10 | < 10 | 41 | < 5 | 47 |
| L25E 1+50S | 201 | 238 | < 1 | 0.01 | 5 | 130 | 40 | < 5 | 3 | 8 | 0.01 | < 10 | < 10 | 17 | < 5 | 31 |
| L25E 2+00S | 201 | 238 | 1 | 0.01 | 3 | 200 | 30 | < 5 | 2 | 7 | 0.02 | < 10 | < 10 | 18 | < 5 | 24 |
| L25E 2+50S | 201 | 238 | 1 | 0.01 | 6 | 150 | 28 | < 5 | 2 | 12 | 0.05 | < 10 | < 10 | 30 | < 5 | 31 |
| L25E 3+00S | 201 | 238 | 1 | 0.01 | 8 | 100 | 16 | < 5 | 3 | 16 | 0.05 | < 10 | < 10 | 29 | < 5 | 35 |
| L25E 3+50S | 201 | 238 | 1 | 0.01 | 10 | 180 | 14 | < 5 | 3 | 14 | 0.08 | < 10 | < 10 | 44 | < 5 | 35 |
| L25E 4+00S | 201 | 238 | 1 | 0.01 | 4 | 250 | 24 | < 5 | 3 | 11 | 0.03 | < 10 | < 10 | 22 | < 5 | 35 |
| L25E 4+50S | 201 | 238 | < 1 | < 0.01 | 4 | 640 | 20 | < 5 | 2 | 17 | 0.02 | < 10 | < 10 | 14 | < 5 | 20 |
| L25E 5+00S | 201 | 238 | 1 | 0.01 | 6 | 190 | 28 | < 5 | 2 | 21 | 0.05 | < 10 | < 10 | 22 | < 5 | 22 |
| L25E 5+50S | 201 | 238 | 2 | 0.01 | 5 | 320 | 146 | < 5 | 1 | 31 | 0.01 | < 10 | < 10 | 15 | < 5 | 75 |
| L25E 6+00S | 201 | 238 | 1 | 0.01 | 2 | 210 | 104 | < 5 | 1 | 17 | 0.02 | < 10 | < 10 | 14 | < 5 | 31 |
| L25E 6+50S | 201 | 238 | 1 | 0.01 | 9 | 510 | 72 | < 5 | 3 | 16 | 0.04 | < 10 | < 10 | 29 | < 5 | 61 |
| L25E 7+00S | 201 | 238 | 1 | 0.01 | 7 | 220 | 44 | < 5 | 2 | 12 | 0.04 | < 10 | < 10 | 23 | < 5 | 66 |
| L25E 7+50S | 201 | 238 | 1 | 0.01 | 5 | 250 | 38 | < 5 | 2 | 11 | 0.06 | < 10 | < 10 | 36 | < 5 | 45 |
| L25E 8+00S | 201 | 238 | 2 | 0.01 | 5 | 270 | 36 | < 5 | 3 | 13 | 0.06 | < 10 | < 10 | 40 | < 5 | 40 |
| L25E 8+50S | 201 | 238 | 2 | 0.01 | 5 | 170 | 104 | < 5 | 2 | 9 | 0.05 | < 10 | < 10 | 32 | < 5 | 31 |
| L25E 9+00S | 201 | 238 | 1 | 0.01 | 9 | 150 | 28 | < 5 | 2 | 12 | 0.07 | < 10 | < 10 | 39 | < 5 | 39 |
| L25E 9+50S | 201 | 238 | 1 | 0.01 | 6 | 110 | 16 | < 5 | 3 | 11 | 0.06 | < 10 | < 10 | 34 | < 5 | 30 |
| L25E 10+00S | 201 | 238 | < 1 | 0.01 | 14 | 290 | 20 | < 5 | 3 | 17 | 0.09 | < 10 | < 10 | 52 | < 5 | 44 |

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Project : DAWSON/REEF
Comments: ATTN: ART TROUP OR SPURLIN EDWARDS CC: PERRY GRUNENBERG

Page No. : 1-A
Tot. Pages: 4
Date : 19-AUG-88
Invoice # : I-8820640
P.O. # : AOR/KDR

# CERTIFICATE OF ANALYSIS A8820640

| SAMPLE DESCRIPTION | PREP CODE | | Au ppb FA+AA | Al % | Ag ppm | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L14E 0+50N | 201 | 238 | < 5 | 1.23 | 0.2 | 35 | 220 | < 0.5 | < 2 | 0.24 | < 0.5 | 1 | 19 | 12 | 1.60 | < 10 | < 1 | 0.10 | 30 | 0.27 | 154 |
| L14E 1+00N | 201 | 238 | 15 | 1.18 | 0.4 | 35 | 170 | < 0.5 | < 2 | 0.20 | < 0.5 | 1 | 17 | 6 | 1.54 | 10 | < 1 | 0.06 | 20 | 0.33 | 117 |
| L14E 1+50N | 201 | 238 | 15 | 0.95 | < 0.2 | 105 | 100 | < 0.5 | < 2 | 0.18 | < 0.5 | 1 | 13 | 4 | 1.42 | < 10 | < 1 | 0.08 | 20 | 0.19 | 150 |
| L14E 2+00N | 201 | 238 | < 5 | 1.11 | 0.4 | 60 | 230 | < 0.5 | < 2 | 0.20 | < 0.5 | 6 | 16 | 8 | 1.48 | < 10 | 1 | 0.06 | 30 | 0.30 | 142 |
| L14E 2+50N | 201 | 238 | 10 | 1.47 | 0.2 | 85 | 300 | < 0.5 | < 2 | 0.23 | < 0.5 | 1 | 17 | 9 | 1.81 | < 10 | < 1 | 0.10 | 40 | 0.46 | 130 |
| L14E 3+00N | 201 | 238 | 40 | 1.29 | 0.6 | 365 | 250 | < 0.5 | 2 | 0.12 | < 0.5 | 1 | 8 | 8 | 1.82 | 10 | < 1 | 0.07 | 60 | 0.54 | 186 |
| L14E 3+50N | 201 | 238 | 50 | 1.51 | 1.4 | 320 | 230 | < 0.5 | < 2 | 0.13 | < 0.5 | 1 | 12 | 13 | 1.97 | 10 | < 1 | 0.08 | 50 | 0.50 | 131 |
| L14E 4+00N | 201 | 238 | 30 | 1.19 | 0.4 | 325 | 130 | < 0.5 | < 2 | 0.15 | < 0.5 | 1 | 8 | 7 | 1.74 | < 10 | < 1 | 0.10 | 30 | 0.58 | 142 |
| L14E 4+50N | 201 | 238 | 20 | 0.96 | 0.6 | 390 | 100 | < 0.5 | < 2 | 0.07 | < 0.5 | 2 | 13 | 7 | 1.73 | 10 | < 1 | 0.08 | 40 | 0.25 | 98 |
| L14E 5+00N | 201 | 238 | 10 | 1.06 | 0.2 | 80 | 170 | < 0.5 | < 2 | 0.12 | < 0.5 | 2 | 13 | 6 | 1.42 | < 10 | 1 | 0.09 | 30 | 0.27 | 106 |
| L14E 5+50N | 201 | 238 | < 5 | 1.16 | < 0.2 | 95 | 150 | < 0.5 | 2 | 0.21 | < 0.5 | 1 | 18 | 5 | 1.52 | < 10 | < 1 | 0.08 | 30 | 0.34 | 107 |
| L14E 6+00N | 201 | 238 | < 5 | 1.12 | < 0.2 | 40 | 200 | < 0.5 | 4 | 0.20 | < 0.5 | 5 | 20 | 10 | 1.54 | < 10 | 1 | 0.11 | 40 | 0.35 | 187 |
| L14E 6+50N | 201 | 238 | < 5 | 1.02 | 0.2 | 30 | 110 | < 0.5 | < 2 | 0.11 | < 0.5 | 2 | 13 | 5 | 1.39 | < 10 | < 1 | 0.07 | 20 | 0.30 | 112 |
| L14E 7+00N | 201 | 238 | < 5 | 1.39 | < 0.2 | 15 | 190 | < 0.5 | < 2 | 0.19 | < 0.5 | 5 | 20 | 10 | 1.66 | 10 | < 1 | 0.06 | 30 | 0.42 | 119 |
| L15E 0+50N | 201 | 238 | 10 | 1.17 | < 0.2 | 40 | 180 | < 0.5 | 2 | 0.19 | < 0.5 | 2 | 15 | 4 | 1.29 | < 10 | < 1 | 0.08 | 30 | 0.28 | 84 |
| L15E 1+00N | 201 | 238 | < 5 | 1.29 | 0.4 | 105 | 160 | < 0.5 | 4 | 0.17 | < 0.5 | 1 | 13 | 5 | 1.77 | 10 | < 1 | 0.09 | 30 | 0.63 | 123 |
| L15E 1+50N | 201 | 238 | 15 | 1.22 | 0.6 | 370 | 180 | < 0.5 | < 2 | 0.19 | < 0.5 | 4 | 14 | 6 | 2.20 | 10 | < 1 | 0.10 | 20 | 0.34 | 408 |
| L15E 2+00N | 201 | 238 | 10 | 0.74 | 0.4 | 180 | 90 | < 0.5 | < 2 | 0.06 | < 0.5 | 2 | 8 | 6 | 1.33 | < 10 | < 1 | 0.11 | 40 | 0.17 | 61 |
| L15E 2+50N | 201 | 238 | 25 | 1.08 | 0.6 | 215 | 230 | < 0.5 | 2 | 0.20 | < 0.5 | 1 | 7 | 10 | 1.62 | 10 | < 1 | 0.10 | 40 | 0.40 | 184 |
| L15E 3+00N | 201 | 238 | 10 | 0.68 | 0.4 | 65 | 170 | < 0.5 | 2 | 0.18 | < 0.5 | 2 | 6 | 5 | 1.08 | < 10 | 1 | 0.07 | 30 | 0.22 | 150 |
| L15E 3+50N | 201 | 238 | 10 | 1.44 | 0.6 | 110 | 130 | < 0.5 | < 2 | 0.10 | < 0.5 | 1 | 5 | 4 | 1.25 | 10 | < 1 | 0.09 | 30 | 0.68 | 113 |
| L15E 4+00N | 201 | 238 | 20 | 0.96 | 0.6 | 150 | 230 | < 0.5 | < 2 | 0.15 | < 0.5 | 1 | 13 | 6 | 1.22 | < 10 | < 1 | 0.09 | 50 | 0.25 | 83 |
| L15E 4+50N | 201 | 238 | 10 | 1.02 | 0.6 | 120 | 220 | < 0.5 | 2 | 0.16 | < 0.5 | 1 | 11 | 5 | 1.38 | 10 | < 1 | 0.11 | 30 | 0.28 | 102 |
| L15E 5+00N | 201 | 238 | < 5 | 0.82 | 0.6 | 90 | 160 | < 0.5 | < 2 | 0.10 | < 0.5 | 1 | 11 | 3 | 1.17 | 10 | < 1 | 0.10 | 30 | 0.16 | 57 |
| L15E 5+50N | 201 | 238 | < 5 | 1.06 | 0.6 | 45 | 140 | < 0.5 | 4 | 0.14 | < 0.5 | 1 | 13 | 4 | 1.33 | < 10 | < 1 | 0.08 | 20 | 0.24 | 86 |
| L15E 6+00N | 201 | 238 | 10 | 1.05 | 0.2 | 10 | 140 | < 0.5 | < 2 | 0.17 | < 0.5 | < 1 | 18 | 5 | 1.42 | < 10 | < 1 | 0.04 | 20 | 0.30 | 106 |
| L15E 6+50N | 201 | 238 | 5 | 1.12 | 0.2 | 30 | 170 | < 0.5 | < 2 | 0.15 | < 0.5 | 1 | 18 | 8 | 1.45 | < 10 | < 1 | 0.06 | 30 | 0.32 | 90 |
| L15E 7+00N | 201 | 238 | < 5 | 1.42 | < 0.2 | 30 | 200 | < 0.5 | 2 | 0.15 | < 0.5 | 1 | 18 | 8 | 1.75 | < 10 | < 1 | 0.05 | 20 | 0.45 | 111 |
| L16E 0+50N | 201 | 238 | 15 | 1.24 | 0.4 | 115 | 280 | < 0.5 | < 2 | 0.60 | < 0.5 | 2 | 12 | 5 | 1.28 | < 10 | < 1 | 0.13 | 50 | 0.33 | 63 |
| L16E 1+00N | 201 | 238 | 15 | 1.57 | 0.4 | 95 | 400 | < 0.5 | 4 | 0.51 | < 0.5 | 5 | 13 | 5 | 1.63 | < 10 | < 1 | 0.12 | 50 | 0.77 | 301 |
| L16E 1+50N | 201 | 238 | 5 | 1.30 | 0.4 | 375 | 240 | < 0.5 | < 2 | 0.32 | < 0.5 | 1 | 9 | 5 | 1.69 | 10 | < 1 | 0.12 | 50 | 0.59 | 138 |
| L16E 2+00N | 201 | 238 | 15 | 1.14 | 0.2 | 65 | 250 | < 0.5 | < 2 | 0.22 | < 0.5 | 2 | 12 | 5 | 1.29 | < 10 | < 1 | 0.08 | 30 | 0.29 | 99 |
| L16E 2+50N | 201 | 238 | 60 | 1.00 | 0.2 | 795 | 340 | < 0.5 | < 2 | 0.22 | < 0.5 | 1 | 9 | 7 | 1.83 | 10 | < 1 | 0.17 | 60 | 0.51 | 247 |
| L16E 3+00N | 201 | 238 | < 5 | 0.73 | 0.4 | 190 | 130 | < 0.5 | 2 | 0.07 | < 0.5 | 2 | 6 | 7 | 1.38 | < 10 | < 1 | 0.11 | 40 | 0.20 | 64 |
| L16E 3+50N | 201 | 238 | 10 | 0.88 | < 0.2 | 110 | 300 | < 0.5 | < 2 | 0.22 | < 0.5 | 2 | 11 | 5 | 1.15 | < 10 | < 1 | 0.05 | 40 | 0.34 | 77 |
| L16E 4+00N | 201 | 238 | < 5 | 1.17 | 0.2 | 215 | 570 | < 0.5 | 2 | 0.25 | < 0.5 | 2 | 12 | 6 | 1.49 | < 10 | < 1 | 0.10 | 50 | 0.38 | 234 |
| L16E 4+50N | 201 | 238 | 10 | 0.83 | 0.4 | 445 | 290 | < 0.5 | < 2 | 0.11 | < 0.5 | 2 | 13 | 6 | 1.50 | < 10 | < 1 | 0.15 | 50 | 0.18 | 76 |
| L16E 5+00N | 201 | 238 | < 5 | 1.60 | 0.2 | 95 | 230 | < 0.5 | < 2 | 0.15 | < 0.5 | 5 | 20 | 10 | 2.20 | < 10 | < 1 | 0.07 | 20 | 0.35 | 135 |
| L16E 5+50N | 201 | 238 | < 5 | 1.56 | 0.4 | 100 | 210 | < 0.5 | < 2 | 0.13 | < 0.5 | 11 | 20 | 8 | 2.29 | < 10 | < 1 | 0.12 | 20 | 0.33 | 451 |
| L16E 6+00N | 201 | 238 | 5 | 1.27 | < 0.2 | 45 | 160 | < 0.5 | < 2 | 0.13 | < 0.5 | 1 | 18 | 5 | 1.60 | < 10 | < 1 | 0.07 | 20 | 0.29 | 103 |

CERTIFICATION :

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Comments: ATTN: ART TROUP OR SPURLIN EDWARDS CC: PERRY GRUNENBERG

Pag[redacted]o. : 1-B
Tot. Pages: 4
Date : 19-AUG-88
Invoice # : I-8820640
P.O. # : AOR/KDR

# CERTIFICATE OF ANALYSIS A8820640

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L14E 0+50N | 201 | 238 | < 1 | 0.01 | 9 | 300 | 20 | < 5 | 3 | 19 | 0.06 | < 10 | < 10 | 34 | < 5 | 43 |
| L14E 1+00N | 201 | 238 | < 1 | 0.01 | 10 | 330 | 12 | < 5 | 3 | 14 | 0.05 | < 10 | < 10 | 34 | 5 | 47 |
| L14E 1+50N | 201 | 238 | 1 | 0.01 | 4 | 190 | 12 | < 5 | 1 | 13 | 0.04 | < 10 | < 10 | 34 | < 5 | 41 |
| L14E 2+00N | 201 | 238 | < 1 | 0.01 | 8 | 320 | 14 | < 5 | 3 | 14 | 0.04 | < 10 | < 10 | 31 | < 5 | 46 |
| L14E 2+50N | 201 | 238 | < 1 | 0.01 | 13 | 410 | 6 | < 5 | 3 | 19 | 0.04 | < 10 | < 10 | 35 | < 5 | 60 |
| L14E 3+00N | 201 | 238 | < 1 | 0.01 | 5 | 270 | 24 | < 5 | 4 | 10 | 0.01 | < 10 | < 10 | 20 | < 5 | 55 |
| L14E 3+50N | 201 | 238 | 1 | 0.01 | 2 | 270 | 28 | < 5 | 3 | 12 | 0.02 | < 10 | < 10 | 25 | < 5 | 57 |
| L14E 4+00N | 201 | 238 | < 1 | 0.01 | 1 | 420 | 8 | < 5 | 3 | 9 | 0.01 | < 10 | < 10 | 16 | < 5 | 55 |
| L14E 4+50N | 201 | 238 | < 1 | 0.01 | 9 | 190 | 22 | < 5 | 2 | 7 | 0.02 | < 10 | < 10 | 22 | 5 | 46 |
| L14E 5+00N | 201 | 238 | 1 | 0.01 | 10 | 190 | 14 | < 5 | 2 | 12 | 0.04 | < 10 | < 10 | 27 | < 5 | 48 |
| L14E 5+50N | 201 | 238 | 1 | 0.01 | 12 | 230 | 4 | < 5 | 2 | 19 | 0.05 | < 10 | < 10 | 30 | < 5 | 47 |
| L14E 6+00N | 201 | 238 | < 1 | 0.01 | 10 | 290 | 16 | < 5 | 3 | 17 | 0.06 | < 10 | < 10 | 32 | < 5 | 48 |
| L14E 6+50N | 201 | 238 | 1 | 0.01 | 11 | 210 | 18 | < 5 | 2 | 11 | 0.05 | < 10 | < 10 | 36 | 5 | 42 |
| L14E 7+00N | 201 | 238 | < 1 | 0.01 | 17 | 260 | 14 | < 5 | 3 | 14 | 0.07 | < 10 | < 10 | 36 | < 5 | 49 |
| L15E 0+50N | 201 | 238 | < 1 | 0.01 | 14 | 390 | 18 | < 5 | 2 | 14 | 0.04 | < 10 | < 10 | 28 | < 5 | 39 |
| L15E 1+00N | 201 | 238 | < 1 | 0.01 | 12 | 380 | 12 | < 5 | 3 | 12 | 0.02 | < 10 | < 10 | 27 | < 5 | 48 |
| L15E 1+50N | 201 | 238 | < 1 | 0.01 | 12 | 450 | 16 | < 5 | 2 | 15 | 0.04 | < 10 | < 10 | 42 | 5 | 51 |
| L15E 2+00N | 201 | 238 | < 1 | < 0.01 | 7 | 200 | 16 | < 5 | 1 | 14 | 0.01 | < 10 | < 10 | 18 | < 5 | 41 |
| L15E 2+50N | 201 | 238 | 1 | 0.01 | 9 | 400 | 28 | < 5 | 2 | 16 | 0.03 | < 10 | < 10 | 23 | 5 | 63 |
| L15E 3+00N | 201 | 238 | < 1 | 0.01 | 4 | 400 | 18 | < 5 | 2 | 12 | 0.02 | < 10 | < 10 | 18 | < 5 | 42 |
| L15E 3+50N | 201 | 238 | < 1 | 0.01 | 2 | 170 | 4 | < 5 | 3 | 12 | 0.01 | < 10 | < 10 | 15 | < 5 | 47 |
| L15E 4+00N | 201 | 238 | < 1 | 0.01 | 4 | 370 | 14 | < 5 | 2 | 13 | 0.02 | < 10 | < 10 | 19 | 5 | 39 |
| L15E 4+50N | 201 | 238 | < 1 | 0.01 | 7 | 210 | 20 | < 5 | 2 | 14 | 0.03 | < 10 | < 10 | 22 | < 5 | 36 |
| L15E 5+00N | 201 | 238 | < 1 | < 0.01 | 1 | 100 | 18 | < 5 | 1 | 9 | 0.03 | < 10 | < 10 | 24 | < 5 | 21 |
| L15E 5+50N | 201 | 238 | < 1 | 0.01 | 7 | 160 | 8 | < 5 | 2 | 11 | 0.05 | < 10 | < 10 | 29 | < 5 | 34 |
| L15E 6+00N | 201 | 238 | < 1 | 0.01 | 7 | 260 | 4 | < 5 | 2 | 11 | 0.05 | < 10 | < 10 | 28 | < 5 | 38 |
| L15E 6+50N | 201 | 238 | < 1 | 0.01 | 8 | 210 | 12 | < 5 | 2 | 11 | 0.05 | < 10 | < 10 | 26 | < 5 | 42 |
| L15E 7+00N | 201 | 238 | 1 | 0.01 | 11 | 220 | 18 | < 5 | 2 | 13 | 0.05 | < 10 | < 10 | 35 | < 5 | 53 |
| L16E 0+50N | 201 | 238 | 1 | 0.01 | 1 | 560 | 32 | < 5 | 3 | 39 | < 0.01 | < 10 | < 10 | 9 | < 5 | 42 |
| L16E 1+00N | 201 | 238 | 1 | 0.01 | 6 | 650 | 22 | < 5 | 3 | 32 | 0.01 | < 10 | < 10 | 17 | < 5 | 63 |
| L16E 1+50N | 201 | 238 | 1 | 0.01 | 2 | 530 | 34 | < 5 | 3 | 19 | 0.01 | < 10 | < 10 | 15 | < 5 | 60 |
| L16E 2+00N | 201 | 238 | < 1 | 0.01 | 5 | 490 | 18 | < 5 | 2 | 17 | 0.03 | < 10 | < 10 | 22 | < 5 | 44 |
| L16E 2+50N | 201 | 238 | 1 | < 0.01 | 3 | 290 | 40 | < 5 | 2 | 23 | < 0.01 | < 10 | < 10 | 6 | < 5 | 63 |
| L16E 3+00N | 201 | 238 | < 1 | < 0.01 | 3 | 230 | 24 | < 5 | 2 | 8 | 0.01 | < 10 | < 10 | 13 | < 5 | 36 |
| L16E 3+50N | 201 | 238 | 1 | < 0.01 | 5 | 260 | 12 | < 5 | 2 | 20 | 0.02 | < 10 | < 10 | 13 | < 5 | 43 |
| L16E 4+00N | 201 | 238 | 1 | 0.01 | 8 | 400 | 42 | < 5 | 3 | 26 | 0.01 | < 10 | < 10 | 12 | < 5 | 47 |
| L16E 4+50N | 201 | 238 | < 1 | 0.01 | 6 | 130 | 54 | < 5 | 2 | 22 | 0.02 | < 10 | < 10 | 20 | < 5 | 44 |
| L16E 5+00N | 201 | 238 | < 1 | 0.01 | 13 | 140 | 20 | < 5 | 3 | 13 | 0.05 | < 10 | < 10 | 38 | < 5 | 42 |
| L16E 5+50N | 201 | 238 | 1 | 0.01 | 10 | 550 | 20 | < 5 | 3 | 13 | 0.05 | < 10 | < 10 | 47 | < 5 | 51 |
| L16E 6+00N | 201 | 238 | 1 | 0.01 | 7 | 210 | 20 | < 5 | 2 | 12 | 0.05 | < 10 | < 10 | 32 | < 5 | 38 |

CERTIFICATION : BC

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Comments: ATTN: ART TROUP OR SPURLIN EDWARDS CC: PERRY GRUNENBERG

Pa[redacted]. : 2-A
Tot. Pages: 4
Date : 19-AUG-88
Invoice # : I-8820640
P.O. # : AOR/KDR

# CERTIFICATE OF ANALYSIS A8820640

| SAMPLE DESCRIPTION | PREP CODE | | Au ppb FA+AA | Al % | Ag ppm | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L16E 6+50N | 201 | 238 | 5 | 1.31 | 0.2 | 10 | 230 | < 0.5 | < 2 | 0.19 | < 0.5 | < 1 | 20 | 9 | 1.57 | < 10 | < 1 | 0.06 | 30 | 0.41 | 108 |
| L16E 7+00N | 201 | 238 | < 5 | 1.31 | 0.4 | 10 | 210 | < 0.5 | < 2 | 0.18 | < 0.5 | < 1 | 20 | 9 | 1.58 | < 10 | < 1 | 0.06 | 20 | 0.40 | 117 |
| L17E 0+50N | 201 | 238 | < 5 | 1.35 | 0.2 | 160 | 390 | < 0.5 | < 2 | 0.41 | < 0.5 | 1 | 14 | 8 | 1.60 | < 10 | < 1 | 0.10 | 30 | 0.43 | 79 |
| L17E 1+00N | 201 | 238 | 5 | 1.50 | 0.2 | 400 | 350 | < 0.5 | < 2 | 0.29 | < 0.5 | < 1 | 14 | 7 | 1.93 | < 10 | 1 | 0.10 | 30 | 0.45 | 119 |
| L17E 1+50N | 201 | 238 | < 5 | 1.63 | < 0.2 | 125 | 470 | < 0.5 | < 2 | 0.63 | < 0.5 | 7 | 26 | 8 | 2.25 | < 10 | < 1 | 0.07 | 30 | 0.50 | 257 |
| L17E 2+00N | 201 | 238 | < 5 | 1.52 | < 0.2 | 105 | 230 | < 0.5 | < 2 | 0.29 | < 0.5 | 8 | 20 | 6 | 2.31 | < 10 | < 1 | 0.07 | 30 | 0.52 | 349 |
| L17E 2+50N | 201 | 238 | < 5 | 1.01 | < 0.2 | 90 | 90 | < 0.5 | 2 | 0.19 | < 0.5 | 1 | 20 | 4 | 1.43 | < 10 | < 1 | 0.04 | 20 | 0.40 | 103 |
| L17E 3+00N | 201 | 238 | < 5 | 1.29 | < 0.2 | 90 | 240 | < 0.5 | 2 | 0.24 | < 0.5 | 1 | 20 | 8 | 1.86 | < 10 | < 1 | 0.04 | 20 | 0.36 | 132 |
| L17E 3+50N | 201 | 238 | < 5 | 1.33 | < 0.2 | 85 | 240 | < 0.5 | < 2 | 0.27 | < 0.5 | 5 | 21 | 7 | 1.78 | < 10 | < 1 | 0.06 | 20 | 0.41 | 141 |
| L17E 4+00N | 201 | 238 | < 5 | 0.87 | 0.2 | 170 | 320 | < 0.5 | 2 | 0.44 | < 0.5 | 3 | 9 | 6 | 1.18 | < 10 | < 1 | 0.10 | 50 | 0.30 | 259 |
| L17E 4+50N | 201 | 238 | 5 | 0.51 | 0.6 | 150 | 250 | < 0.5 | < 2 | 0.06 | < 0.5 | 1 | 6 | 10 | 1.00 | 10 | < 1 | 0.10 | 50 | 0.06 | 37 |
| L17E 5+00N | 201 | 238 | < 5 | 0.81 | < 0.2 | 50 | 150 | < 0.5 | 2 | 0.09 | < 0.5 | 1 | 6 | 4 | 0.91 | < 10 | < 1 | 0.09 | 20 | 0.13 | 65 |
| L17E 5+50N | 201 | 238 | < 5 | 0.60 | 0.2 | 35 | 110 | < 0.5 | 2 | 0.08 | < 0.5 | 1 | 6 | 4 | 0.84 | < 10 | < 1 | 0.07 | 30 | 0.17 | 51 |
| L17E 6+00N | 201 | 238 | 5 | 1.77 | 0.2 | 40 | 170 | < 0.5 | 2 | 0.11 | < 0.5 | 4 | 27 | 8 | 2.44 | < 10 | < 1 | 0.08 | 20 | 0.40 | 127 |
| L17E 6+50N | 201 | 238 | < 5 | 1.23 | 0.6 | 20 | 190 | < 0.5 | < 2 | 0.15 | < 0.5 | 1 | 18 | 8 | 1.64 | 10 | < 1 | 0.07 | 20 | 0.40 | 104 |
| L17E 7+00N | 201 | 238 | < 5 | 1.52 | 0.4 | 30 | 360 | < 0.5 | < 2 | 0.25 | < 0.5 | 8 | 25 | 10 | 1.96 | < 10 | < 1 | 0.05 | 20 | 0.58 | 207 |
| L18E 0+50N | 201 | 238 | 5 | 1.53 | 0.4 | 550 | 190 | < 0.5 | < 2 | 0.19 | < 0.5 | 7 | 24 | 9 | 2.59 | < 10 | < 1 | 0.06 | 20 | 0.51 | 223 |
| L18E 1+00N | 201 | 238 | < 5 | 1.20 | < 0.2 | 80 | 280 | < 0.5 | < 2 | 0.21 | < 0.5 | 5 | 19 | 10 | 1.78 | < 10 | < 1 | 0.04 | 20 | 0.35 | 175 |
| L18E 1+50N | 201 | 238 | < 5 | 1.34 | 0.2 | 65 | 280 | < 0.5 | < 2 | 0.27 | < 0.5 | 6 | 18 | 11 | 1.86 | 10 | < 1 | 0.05 | 30 | 0.39 | 116 |
| L18E 2+00N | 201 | 238 | < 5 | 1.89 | 0.4 | 80 | 360 | < 0.5 | 4 | 0.33 | < 0.5 | 6 | 44 | 20 | 2.50 | 10 | < 1 | 0.07 | 20 | 0.70 | 164 |
| L18E 2+50N | 201 | 238 | < 5 | 1.48 | 0.4 | 60 | 250 | < 0.5 | < 2 | 0.25 | < 0.5 | 5 | 27 | 10 | 2.25 | < 10 | < 1 | 0.05 | 20 | 0.41 | 175 |
| L18E 3+00N | 201 | 238 | < 5 | 1.68 | 0.4 | 80 | 390 | < 0.5 | < 2 | 0.39 | < 0.5 | 7 | 29 | 14 | 2.19 | < 10 | < 1 | 0.07 | 30 | 0.47 | 244 |
| L18E 3+50N | 201 | 238 | < 5 | 1.26 | 0.4 | 80 | 200 | < 0.5 | < 2 | 0.24 | < 0.5 | 7 | 24 | 9 | 1.83 | 10 | < 1 | 0.06 | 20 | 0.39 | 245 |
| L18E 4+00N | 201 | 238 | < 5 | 1.41 | 0.2 | 45 | 230 | < 0.5 | < 2 | 0.29 | < 0.5 | 5 | 19 | 7 | 1.87 | < 10 | < 1 | 0.07 | 20 | 0.40 | 149 |
| L18E 4+50N | 201 | 238 | 5 | 1.01 | < 0.2 | 35 | 160 | < 0.5 | < 2 | 0.24 | < 0.5 | 2 | 19 | 5 | 1.28 | < 10 | < 1 | 0.04 | 20 | 0.29 | 82 |
| L18E 5+00N | 201 | 238 | < 5 | 1.11 | < 0.2 | 60 | 200 | < 0.5 | < 2 | 0.29 | < 0.5 | 6 | 21 | 10 | 1.90 | < 10 | < 1 | 0.05 | 20 | 0.40 | 285 |
| L18E 5+50N | 201 | 238 | < 5 | 0.69 | 0.4 | 35 | 190 | < 0.5 | < 2 | 0.08 | < 0.5 | 1 | 10 | 6 | 0.96 | < 10 | < 1 | 0.06 | 40 | 0.18 | 55 |
| L18E 6+00N | 201 | 238 | < 5 | 0.92 | < 0.2 | 15 | 150 | < 0.5 | < 2 | 0.07 | < 0.5 | 2 | 7 | 5 | 1.39 | < 10 | < 1 | 0.06 | 20 | 0.12 | 67 |
| L18E 6+50N | 201 | 238 | < 5 | 1.40 | 0.2 | 45 | 100 | < 0.5 | < 2 | 0.08 | < 0.5 | 4 | 25 | 4 | 2.20 | < 10 | < 1 | 0.07 | 20 | 0.38 | 127 |
| L18E 7+00N | 201 | 238 | < 5 | 1.48 | 0.2 | 75 | 220 | < 0.5 | < 2 | 0.22 | < 0.5 | 9 | 41 | 20 | 2.25 | < 10 | < 1 | 0.05 | 20 | 0.68 | 311 |
| L19E 0+50N | 201 | 238 | < 5 | 0.84 | 0.6 | 180 | 100 | < 0.5 | < 2 | 0.09 | < 0.5 | 2 | 15 | 8 | 1.27 | < 10 | < 1 | 0.07 | 40 | 0.18 | 85 |
| L19E 1+00N | 201 | 238 | < 5 | 1.34 | 0.2 | 90 | 200 | < 0.5 | < 2 | 0.21 | < 0.5 | 1 | 17 | 11 | 1.74 | < 10 | < 1 | 0.05 | 30 | 0.34 | 99 |
| L19E 1+50N | 201 | 238 | < 5 | 1.64 | < 0.2 | 40 | 350 | < 0.5 | < 2 | 0.31 | < 0.5 | 5 | 28 | 14 | 2.12 | < 10 | < 1 | 0.07 | 20 | 0.43 | 140 |
| L19E 2+00N | 201 | 238 | 5 | 1.54 | < 0.2 | 20 | 250 | < 0.5 | < 2 | 0.22 | < 0.5 | 6 | 20 | 13 | 2.26 | < 10 | < 1 | 0.07 | 20 | 0.38 | 90 |
| L19E 2+50N | 201 | 238 | < 5 | 1.53 | < 0.2 | 30 | 300 | < 0.5 | < 2 | 0.29 | < 0.5 | 5 | 50 | 10 | 2.19 | < 10 | < 1 | 0.06 | 20 | 0.40 | 120 |
| L19E 3+00N | 201 | 238 | < 5 | 1.30 | < 0.2 | 30 | 230 | < 0.5 | < 2 | 0.30 | < 0.5 | 5 | 19 | 7 | 1.93 | < 10 | < 1 | 0.05 | 20 | 0.39 | 132 |
| L19E 3+50N | 201 | 238 | < 5 | 1.40 | < 0.2 | 35 | 240 | < 0.5 | < 2 | 0.35 | < 0.5 | 1 | 21 | 7 | 1.82 | < 10 | 1 | 0.06 | 20 | 0.41 | 100 |
| L19E 4+00N | 201 | 238 | 15 | 1.72 | < 0.2 | 5 | 290 | < 0.5 | < 2 | 0.36 | < 0.5 | 6 | 33 | 14 | 2.28 | < 10 | < 1 | 0.07 | 30 | 0.55 | 143 |
| L19E 4+50N | 201 | 238 | 15 | 1.41 | < 0.2 | 15 | 270 | < 0.5 | < 2 | 0.28 | < 0.5 | 6 | 21 | 8 | 1.90 | < 10 | < 1 | 0.06 | 20 | 0.45 | 114 |
| L19E 5+00N | 201 | 238 | 30 | 1.13 | < 0.2 | 25 | 210 | < 0.5 | < 2 | 0.29 | < 0.5 | 1 | 20 | 6 | 1.69 | < 10 | < 1 | 0.05 | 20 | 0.37 | 149 |

CERTIFICATION :

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Pag[redacted]. : 2-B
Tot. Pages: 4
Date : 19-AUG-88
Invoice # : I-8820640
P.O. # : AOR/KDR

# CERTIFICATE OF ANALYSIS A8820640

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L16E 6+50N | 201 | 238 | < 1 | 0.01 | 11 | 300 | 12 | < 5 | 3 | 14 | 0.06 | < 10 | < 10 | 28 | < 5 | 49 |
| L16E 7+00N | 201 | 238 | < 1 | 0.01 | 13 | 290 | 8 | < 5 | 3 | 14 | 0.06 | < 10 | < 10 | 31 | < 5 | 48 |
| L17E 0+50N | 201 | 238 | 1 | 0.01 | 11 | 480 | 12 | < 5 | 2 | 28 | 0.02 | < 10 | < 10 | 22 | < 5 | 53 |
| L17E 1+00N | 201 | 238 | 1 | 0.01 | 8 | 530 | 14 | < 5 | 2 | 18 | 0.02 | < 10 | < 10 | 25 | < 5 | 51 |
| L17E 1+50N | 201 | 238 | 1 | 0.01 | 9 | 590 | 20 | < 5 | 3 | 42 | 0.05 | < 10 | < 10 | 41 | < 5 | 66 |
| L17E 2+00N | 201 | 238 | 1 | 0.01 | 12 | 540 | 14 | < 5 | 3 | 20 | 0.06 | < 10 | < 10 | 43 | < 5 | 68 |
| L17E 2+50N | 201 | 238 | 1 | 0.01 | 8 | 410 | 18 | < 5 | 2 | 13 | 0.05 | < 10 | < 10 | 33 | < 5 | 44 |
| L17E 3+00N | 201 | 238 | 2 | 0.01 | 12 | 370 | 24 | < 5 | 2 | 16 | 0.05 | < 10 | < 10 | 37 | < 5 | 57 |
| L17E 3+50N | 201 | 238 | 1 | 0.01 | 12 | 420 | 28 | < 5 | 2 | 18 | 0.05 | < 10 | < 10 | 35 | < 5 | 65 |
| L17E 4+00N | 201 | 238 | 1 | 0.01 | 4 | 410 | 28 | < 5 | 2 | 47 | 0.01 | < 10 | < 10 | 10 | < 5 | 45 |
| L17E 4+50N | 201 | 238 | 2 | 0.01 | 3 | 140 | 42 | < 5 | 1 | 16 | 0.01 | < 10 | < 10 | 14 | < 5 | 45 |
| L17E 5+00N | 201 | 238 | < 1 | 0.01 | 2 | 100 | 26 | < 5 | 1 | 10 | 0.04 | < 10 | < 10 | 25 | < 5 | 28 |
| L17E 5+50N | 201 | 238 | 1 | < 0.01 | 2 | 100 | 20 | < 5 | 1 | 8 | 0.02 | < 10 | < 10 | 10 | < 5 | 27 |
| L17E 6+00N | 201 | 238 | 2 | 0.01 | 8 | 140 | 24 | < 5 | 3 | 11 | 0.06 | < 10 | < 10 | 46 | < 5 | 50 |
| L17E 6+50N | 201 | 238 | < 1 | 0.01 | 9 | 180 | 14 | < 5 | 3 | 11 | 0.05 | < 10 | < 10 | 31 | < 5 | 44 |
| L17E 7+00N | 201 | 238 | 1 | 0.01 | 20 | 300 | 16 | < 5 | 3 | 15 | 0.05 | < 10 | < 10 | 36 | < 5 | 57 |
| L18E 0+50N | 201 | 238 | 2 | 0.01 | 18 | 440 | 16 | < 5 | 3 | 19 | 0.04 | < 10 | < 10 | 42 | < 5 | 63 |
| L18E 1+00N | 201 | 238 | 1 | 0.01 | 17 | 480 | 26 | < 5 | 2 | 16 | 0.04 | < 10 | < 10 | 35 | 5 | 54 |
| L18E 1+50N | 201 | 238 | 1 | 0.01 | 15 | 370 | 24 | < 5 | 3 | 18 | 0.07 | < 10 | < 10 | 36 | < 5 | 61 |
| L18E 2+00N | 201 | 238 | 1 | 0.01 | 17 | 530 | 18 | < 5 | 5 | 21 | 0.06 | < 10 | < 10 | 44 | < 5 | 76 |
| L18E 2+50N | 201 | 238 | 1 | 0.01 | 7 | 470 | 18 | < 5 | 3 | 16 | 0.06 | < 10 | < 10 | 38 | < 5 | 55 |
| L18E 3+00N | 201 | 238 | < 1 | 0.01 | 14 | 510 | 20 | < 5 | 4 | 24 | 0.07 | < 10 | < 10 | 39 | < 5 | 79 |
| L18E 3+50N | 201 | 238 | < 1 | 0.01 | 15 | 400 | 4 | < 5 | 3 | 15 | 0.06 | < 10 | < 10 | 32 | < 5 | 64 |
| L18E 4+00N | 201 | 238 | < 1 | 0.01 | 13 | 460 | 16 | < 5 | 3 | 20 | 0.07 | < 10 | < 10 | 36 | < 5 | 64 |
| L18E 4+50N | 201 | 238 | < 1 | 0.01 | 12 | 380 | 12 | < 5 | 2 | 16 | 0.05 | < 10 | < 10 | 23 | < 5 | 53 |
| L18E 5+00N | 201 | 238 | 1 | 0.01 | 15 | 570 | 18 | < 5 | 2 | 18 | 0.06 | < 10 | < 10 | 34 | < 5 | 69 |
| L18E 5+50N | 201 | 238 | < 1 | 0.01 | 8 | 100 | 26 | < 5 | 1 | 7 | 0.03 | < 10 | < 10 | 14 | < 5 | 25 |
| L18E 6+00N | 201 | 238 | < 1 | 0.01 | 4 | 130 | 24 | < 5 | 1 | 8 | 0.04 | < 10 | < 10 | 26 | < 5 | 43 |
| L18E 6+50N | 201 | 238 | < 1 | 0.01 | 9 | 190 | 10 | < 5 | 2 | 7 | 0.05 | < 10 | < 10 | 36 | < 5 | 45 |
| L18E 7+00N | 201 | 238 | < 1 | 0.01 | 25 | 370 | 8 | < 5 | 4 | 15 | 0.06 | < 10 | < 10 | 38 | < 5 | 55 |
| L19E 0+50N | 201 | 238 | < 1 | 0.01 | 7 | 210 | 24 | < 5 | 2 | 9 | 0.04 | < 10 | < 10 | 18 | < 5 | 41 |
| L19E 1+00N | 201 | 238 | 1 | 0.01 | 12 | 370 | 16 | < 5 | 3 | 15 | 0.07 | < 10 | < 10 | 34 | < 5 | 53 |
| L19E 1+50N | 201 | 238 | 1 | 0.01 | 14 | 450 | 20 | < 5 | 3 | 23 | 0.08 | < 10 | < 10 | 40 | < 5 | 66 |
| L19E 2+00N | 201 | 238 | < 1 | 0.01 | 14 | 470 | 14 | < 5 | 3 | 16 | 0.08 | < 10 | < 10 | 40 | < 5 | 59 |
| L19E 2+50N | 201 | 238 | 1 | 0.01 | 30 | 460 | 24 | < 5 | 3 | 20 | 0.08 | < 10 | < 10 | 40 | < 5 | 60 |
| L19E 3+00N | 201 | 238 | 1 | 0.01 | 11 | 470 | 12 | < 5 | 2 | 19 | 0.07 | < 10 | < 10 | 38 | < 5 | 54 |
| L19E 3+50N | 201 | 238 | < 1 | 0.01 | 11 | 540 | 10 | < 5 | 3 | 23 | 0.07 | < 10 | < 10 | 35 | < 5 | 59 |
| L19E 4+00N | 201 | 238 | 1 | 0.01 | 17 | 610 | 18 | < 5 | 4 | 23 | 0.09 | < 10 | < 10 | 43 | < 5 | 83 |
| L19E 4+50N | 201 | 238 | < 1 | 0.01 | 12 | 390 | 14 | < 5 | 3 | 18 | 0.07 | < 10 | < 10 | 39 | < 5 | 59 |
| L19E 5+00N | 201 | 238 | 2 | 0.01 | 8 | 440 | 20 | < 5 | 2 | 18 | 0.07 | < 10 | < 10 | 35 | 5 | 55 |

CERTIFICATION : BC

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Comments: ATTN: ART TROUP OR SPURLIN EDWARDS CC: PERRY GRUNENBERG

Pag[redacted]. : 3-A
Tot. Pages: 4
Date : 19-AUG-88
Invoice # : I-8820640
P.O. # : AOR/KDR

# CERTIFICATE OF ANALYSIS A8820640

| SAMPLE DESCRIPTION | PREP CODE | | Au ppb FA+AA | Al % | Ag ppm | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L19E 5+50N | 201 | 238 | < 5 | 1.19 | 0.4 | 20 | 150 | < 0.5 | < 2 | 0.21 | 0.5 | < 1 | 19 | 7 | 1.61 | < 10 | < 1 | 0.06 | 20 | 0.42 | 92 |
| L19E 6+00N | 201 | 238 | 5 | 0.90 | 0.6 | 100 | 150 | < 0.5 | < 2 | 0.13 | < 0.5 | < 1 | 11 | 9 | 1.38 | < 10 | 3 | 0.13 | 50 | 0.25 | 110 |
| L19E 6+50N | 201 | 238 | < 5 | 0.88 | 0.4 | 60 | 120 | < 0.5 | 2 | 0.05 | < 0.5 | < 1 | 9 | 4 | 1.23 | < 10 | 1 | 0.07 | 30 | 0.13 | 59 |
| L19E 7+00N | 201 | 238 | < 5 | 0.86 | 0.4 | 35 | 190 | < 0.5 | 4 | 0.11 | < 0.5 | < 1 | 14 | 7 | 0.96 | < 10 | < 1 | 0.08 | 50 | 0.28 | 65 |
| L20E 0+50N | 201 | 238 | < 5 | 1.33 | 0.4 | 5 | 390 | < 0.5 | 2 | 0.38 | 0.5 | 8 | 25 | 24 | 2.20 | < 10 | 2 | 0.09 | 30 | 0.52 | 213 |
| L20E 1+00N | 201 | 238 | < 5 | 1.60 | 0.4 | < 5 | 400 | < 0.5 | 6 | 0.46 | < 0.5 | 11 | 28 | 20 | 2.39 | < 10 | < 1 | 0.09 | 30 | 0.54 | 335 |
| L20E 1+50N | 201 | 238 | < 5 | 1.58 | 0.2 | < 5 | 320 | < 0.5 | 2 | 0.35 | 0.5 | 10 | 28 | 18 | 2.16 | < 10 | 1 | 0.09 | 30 | 0.50 | 170 |
| L20E 2+00N | 201 | 238 | < 5 | 1.58 | 0.2 | < 5 | 370 | < 0.5 | < 2 | 0.38 | 0.5 | 13 | 28 | 21 | 2.29 | < 10 | 2 | 0.08 | 20 | 0.49 | 246 |
| L20E 2+50N | 201 | 238 | < 5 | 1.47 | < 0.2 | < 5 | 320 | < 0.5 | 4 | 0.32 | < 0.5 | 9 | 24 | 14 | 1.99 | < 10 | < 1 | 0.07 | 20 | 0.43 | 194 |
| L20E 3+00N | 201 | 238 | < 5 | 1.45 | < 0.2 | 5 | 300 | < 0.5 | 2 | 0.34 | 0.5 | 13 | 25 | 15 | 2.12 | < 10 | < 1 | 0.08 | 30 | 0.45 | 294 |
| L20E 3+50N | 201 | 238 | < 5 | 1.33 | 0.4 | < 5 | 220 | < 0.5 | 4 | 0.28 | 0.5 | < 1 | 20 | 7 | 1.55 | < 10 | 2 | 0.06 | 20 | 0.38 | 111 |
| L20E 4+00N | 201 | 238 | < 5 | 1.64 | 0.4 | 10 | 240 | < 0.5 | < 2 | 0.25 | 0.5 | 10 | 25 | 13 | 2.05 | < 10 | < 1 | 0.07 | 30 | 0.47 | 159 |
| L20E 4+50N | 201 | 238 | < 5 | 1.39 | 0.4 | 130 | 180 | < 0.5 | < 2 | 0.17 | 0.5 | 11 | 24 | 24 | 2.28 | < 10 | < 1 | 0.10 | 40 | 0.73 | 201 |
| L20E 5+00N | 201 | 238 | < 5 | 1.46 | 0.4 | 185 | 310 | < 0.5 | 2 | 0.18 | < 0.5 | 11 | 12 | 12 | 2.47 | < 10 | < 1 | 0.19 | 50 | 0.53 | 314 |
| L20E 5+50N | 201 | 238 | < 5 | 0.64 | 0.4 | 75 | 150 | < 0.5 | < 2 | 0.05 | < 0.5 | < 1 | 5 | 9 | 1.07 | < 10 | 1 | 0.16 | 50 | 0.12 | 103 |
| L20E 6+00N | 201 | 238 | < 5 | 1.18 | 0.2 | 55 | 330 | < 0.5 | < 2 | 0.49 | < 0.5 | 9 | 26 | 10 | 1.73 | < 10 | 1 | 0.09 | 30 | 0.54 | 481 |
| L20E 6+50N | 201 | 238 | < 5 | 0.83 | 0.2 | < 5 | 160 | < 0.5 | < 2 | 0.08 | < 0.5 | < 1 | 12 | 6 | 1.14 | < 10 | < 1 | 0.09 | 30 | 0.22 | 123 |
| L21E 0+50N | 201 | 238 | < 5 | 1.11 | < 0.2 | 50 | 110 | < 0.5 | < 2 | 0.07 | < 0.5 | < 1 | 17 | 6 | 1.62 | < 10 | < 1 | 0.08 | 30 | 0.23 | 108 |
| L21E 1+00N | 201 | 238 | < 5 | 1.16 | 0.2 | 35 | 120 | < 0.5 | < 2 | 0.10 | < 0.5 | < 1 | 16 | 9 | 1.43 | < 10 | < 1 | 0.11 | 40 | 0.26 | 105 |
| L21E 1+50N | 201 | 238 | < 5 | 1.37 | 0.4 | 60 | 300 | < 0.5 | 6 | 0.14 | 0.5 | < 1 | 19 | 13 | 1.73 | < 10 | 1 | 0.11 | 40 | 0.31 | 120 |
| L21E 2+00N | 201 | 238 | < 5 | 1.54 | 0.2 | 50 | 390 | < 0.5 | 2 | 0.29 | < 0.5 | 11 | 26 | 20 | 2.36 | < 10 | 2 | 0.09 | 30 | 0.48 | 190 |
| L21E 2+50N | 201 | 238 | < 5 | 1.05 | < 0.2 | < 5 | 300 | < 0.5 | < 2 | 0.22 | 0.5 | 8 | 20 | 15 | 1.62 | < 10 | 2 | 0.06 | 20 | 0.33 | 159 |
| L21E 3+00N | 201 | 238 | < 5 | 1.40 | 0.2 | 35 | 340 | < 0.5 | < 2 | 0.30 | < 0.5 | 9 | 26 | 17 | 1.91 | < 10 | < 1 | 0.08 | 30 | 0.42 | 206 |
| L21E 3+50N | 201 | 238 | < 5 | 2.48 | 0.2 | 235 | 380 | 0.5 | 6 | 0.67 | < 0.5 | 24 | 73 | 40 | 3.79 | 10 | < 1 | 0.13 | 40 | 1.27 | 757 |
| L21E 4+00N | 201 | 238 | < 5 | 2.00 | 0.4 | 95 | 320 | < 0.5 | 4 | 0.61 | < 0.5 | 17 | 55 | 35 | 2.83 | < 10 | 1 | 0.09 | 30 | 1.05 | 336 |
| L21E 4+50N | 201 | 238 | < 5 | 1.77 | 0.6 | 80 | 610 | < 0.5 | < 2 | 0.98 | < 0.5 | < 1 | 18 | 10 | 1.68 | 10 | < 1 | 0.19 | 50 | 0.35 | 292 |
| L21E 5+00N | 201 | 238 | < 5 | 0.53 | 0.4 | 40 | 170 | < 0.5 | 2 | 0.11 | < 0.5 | < 1 | 4 | 4 | 0.73 | < 10 | < 1 | 0.13 | 50 | 0.09 | 38 |
| L21E 5+50N | 201 | 238 | < 5 | 1.83 | 0.2 | < 5 | 240 | < 0.5 | < 2 | 0.10 | < 0.5 | 8 | 23 | 9 | 2.24 | < 10 | < 1 | 0.08 | 20 | 0.34 | 126 |
| L21E 6+00N | 201 | 238 | < 5 | 1.18 | 0.4 | 20 | 280 | < 0.5 | < 2 | 0.13 | < 0.5 | < 1 | 15 | 6 | 1.74 | < 10 | < 1 | 0.07 | 50 | 0.26 | 186 |
| L21E 6+50N | 201 | 238 | < 5 | 1.25 | 0.4 | 5 | 320 | < 0.5 | 2 | 0.23 | < 0.5 | < 1 | 19 | 9 | 1.52 | < 10 | 1 | 0.08 | 30 | 0.42 | 98 |
| L22E 0+50N | 201 | 238 | < 5 | 0.98 | 0.2 | 70 | 130 | < 0.5 | 2 | 0.08 | < 0.5 | < 1 | 14 | 8 | 1.28 | < 10 | < 1 | 0.07 | 30 | 0.24 | 79 |
| L22E 1+00N | 201 | 238 | < 5 | 1.39 | < 0.2 | 50 | 210 | < 0.5 | < 2 | 0.14 | < 0.5 | < 1 | 20 | 15 | 1.94 | < 10 | < 1 | 0.06 | 30 | 0.36 | 134 |
| L22E 1+50N | 201 | 238 | < 5 | 0.89 | 0.2 | 70 | 130 | < 0.5 | 2 | 0.10 | < 0.5 | < 1 | 14 | 9 | 1.32 | < 10 | < 1 | 0.06 | 30 | 0.26 | 95 |
| L22E 2+00N | 201 | 238 | < 5 | 1.08 | 0.2 | 70 | 130 | < 0.5 | 2 | 0.10 | < 0.5 | < 1 | 15 | 10 | 1.35 | < 10 | < 1 | 0.07 | 30 | 0.25 | 80 |
| L22E 2+50N | 201 | 238 | < 5 | 1.33 | 0.2 | 75 | 190 | < 0.5 | < 2 | 0.14 | < 0.5 | < 1 | 22 | 14 | 1.58 | < 10 | < 1 | 0.07 | 30 | 0.40 | 128 |
| L22E 3+00N | 201 | 238 | < 5 | 1.24 | 0.2 | 125 | 210 | < 0.5 | < 2 | 0.14 | < 0.5 | < 1 | 16 | 10 | 1.62 | < 10 | 3 | 0.14 | 30 | 0.31 | 134 |
| L22E 3+50N | 201 | 238 | < 5 | 1.01 | 0.2 | 75 | 310 | < 0.5 | < 2 | 0.25 | < 0.5 | < 1 | 14 | 9 | 1.55 | < 10 | < 1 | 0.14 | 40 | 0.32 | 156 |
| L22E 4+00N | 201 | 238 | < 5 | 0.94 | 0.4 | 80 | 400 | < 0.5 | 2 | 0.19 | < 0.5 | < 1 | 10 | 7 | 1.23 | < 10 | 1 | 0.14 | 40 | 0.18 | 100 |
| L22E 4+50N | 201 | 238 | < 5 | 1.30 | 0.2 | 20 | 120 | < 0.5 | < 2 | 0.07 | < 0.5 | < 1 | 14 | 5 | 1.78 | < 10 | < 1 | 0.08 | 30 | 0.21 | 111 |
| L22E 5+00N | 201 | 238 | < 5 | 0.51 | 0.6 | 10 | 230 | < 0.5 | < 2 | 0.08 | < 0.5 | < 1 | 7 | 6 | 0.79 | < 10 | < 1 | 0.11 | 40 | 0.12 | 48 |

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Comments: ATTN: ART TROUP OR SPURLIN EDWARDS CC: PERRY GRUNENBERG

Pag[redacted]. : 3-B
Tot. Pages: 4
Date : 19-AUG-88
Invoice # : I-8820640
P.O. # : AOR/KDR

# CERTIFICATE OF ANALYSIS A8820640

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L19E 5+50N | 201 | 238 | 3 | 0.01 | 10 | 500 | 18 | < 5 | 2 | 14 | 0.05 | < 10 | < 10 | 34 | 5 | 53 |
| L19E 6+00N | 201 | 238 | 2 | < 0.01 | 7 | 270 | 58 | < 5 | 2 | 12 | 0.03 | < 10 | < 10 | 20 | < 5 | 62 |
| L19E 6+50N | 201 | 238 | 2 | < 0.01 | 3 | 160 | 20 | < 5 | 1 | 6 | 0.02 | < 10 | < 10 | 20 | 5 | 37 |
| L19E 7+00N | 201 | 238 | 2 | < 0.01 | 7 | 190 | 24 | < 5 | 2 | 10 | 0.03 | < 10 | < 10 | 15 | < 5 | 44 |
| L20E 0+50N | 201 | 238 | 4 | 0.02 | 21 | 660 | 16 | < 5 | 4 | 27 | 0.09 | < 10 | < 10 | 45 | < 5 | 80 |
| L20E 1+00N | 201 | 238 | 5 | 0.02 | 19 | 610 | 12 | < 5 | 4 | 30 | 0.09 | < 10 | < 10 | 51 | 5 | 67 |
| L20E 1+50N | 201 | 238 | 4 | 0.01 | 16 | 550 | 24 | < 5 | 4 | 24 | 0.09 | < 10 | < 10 | 47 | 5 | 63 |
| L20E 2+00N | 201 | 238 | 4 | 0.01 | 18 | 470 | 12 | < 5 | 4 | 26 | 0.09 | < 10 | < 10 | 50 | 10 | 64 |
| L20E 2+50N | 201 | 238 | 2 | 0.01 | 15 | 470 | 14 | < 5 | 3 | 21 | 0.07 | < 10 | < 10 | 43 | < 5 | 57 |
| L20E 3+00N | 201 | 238 | 3 | 0.01 | 19 | 490 | 18 | < 5 | 3 | 24 | 0.08 | < 10 | < 10 | 44 | 5 | 60 |
| L20E 3+50N | 201 | 238 | < 1 | 0.01 | 10 | 470 | 12 | < 5 | 2 | 20 | 0.06 | < 10 | < 10 | 37 | < 5 | 51 |
| L20E 4+00N | 201 | 238 | < 1 | 0.01 | 16 | 520 | 20 | < 5 | 3 | 18 | 0.07 | < 10 | < 10 | 47 | 10 | 68 |
| L20E 4+50N | 201 | 238 | 3 | 0.01 | 30 | 550 | 26 | < 5 | 3 | 28 | 0.02 | < 10 | < 10 | 37 | 5 | 104 |
| L20E 5+00N | 201 | 238 | 1 | 0.01 | 10 | 630 | 14 | < 5 | 5 | 14 | 0.01 | < 10 | < 10 | 29 | < 5 | 69 |
| L20E 5+50N | 201 | 238 | < 1 | 0.01 | 3 | 270 | 58 | < 5 | 2 | 6 | < 0.01 | < 10 | < 10 | 8 | < 5 | 40 |
| L20E 6+00N | 201 | 238 | < 1 | 0.01 | 13 | 500 | 16 | < 5 | 3 | 35 | 0.02 | < 10 | < 10 | 32 | 5 | 61 |
| L20E 6+50N | 201 | 238 | 1 | < 0.01 | 4 | 140 | 24 | < 5 | 1 | 8 | 0.02 | < 10 | < 10 | 24 | < 5 | 26 |
| L21E 0+50N | 201 | 238 | < 1 | < 0.01 | 8 | 130 | 18 | < 5 | 1 | 8 | 0.04 | < 10 | < 10 | 34 | 5 | 37 |
| L21E 1+00N | 201 | 238 | 1 | 0.01 | 6 | 170 | 34 | < 5 | 2 | 9 | 0.05 | < 10 | < 10 | 29 | 5 | 39 |
| L21E 1+50N | 201 | 238 | < 1 | 0.01 | 8 | 330 | 48 | < 5 | 3 | 13 | 0.05 | < 10 | < 10 | 33 | < 5 | 52 |
| L21E 2+00N | 201 | 238 | 1 | 0.01 | 15 | 500 | 24 | < 5 | 4 | 22 | 0.08 | < 10 | < 10 | 47 | 5 | 68 |
| L21E 2+50N | 201 | 238 | < 1 | 0.01 | 15 | 340 | 14 | < 5 | 3 | 17 | 0.04 | < 10 | < 10 | 31 | 5 | 45 |
| L21E 3+00N | 201 | 238 | < 1 | 0.01 | 17 | 390 | 20 | < 5 | 4 | 22 | 0.07 | < 10 | < 10 | 39 | 10 | 58 |
| L21E 3+50N | 201 | 238 | < 1 | 0.01 | 38 | 710 | 30 | < 5 | 13 | 34 | 0.05 | < 10 | < 10 | 75 | 15 | 108 |
| L21E 4+00N | 201 | 238 | < 1 | 0.01 | 30 | 530 | 14 | < 5 | 9 | 28 | 0.04 | < 10 | < 10 | 59 | 15 | 79 |
| L21E 4+50N | 201 | 238 | < 1 | 0.01 | 8 | 610 | 26 | < 5 | 4 | 68 | 0.01 | < 10 | < 10 | 24 | < 5 | 54 |
| L21E 5+00N | 201 | 238 | 1 | < 0.01 | 2 | 180 | 28 | < 5 | 1 | 11 | < 0.01 | < 10 | < 10 | 8 | < 5 | 37 |
| L21E 5+50N | 201 | 238 | 2 | 0.01 | 11 | 140 | 28 | < 5 | 2 | 11 | 0.05 | < 10 | < 10 | 42 | 10 | 36 |
| L21E 6+00N | 201 | 238 | < 1 | 0.01 | 11 | 240 | 20 | < 5 | 2 | 12 | 0.04 | < 10 | < 10 | 32 | 5 | 48 |
| L21E 6+50N | 201 | 238 | < 1 | < 0.01 | 10 | 190 | 22 | < 5 | 3 | 19 | 0.02 | < 10 | < 10 | 29 | < 5 | 42 |
| L22E 0+50N | 201 | 238 | < 1 | < 0.01 | 6 | 380 | 38 | < 5 | 1 | 8 | 0.02 | < 10 | < 10 | 24 | < 5 | 39 |
| L22E 1+00N | 201 | 238 | < 1 | 0.01 | 9 | 420 | 34 | < 5 | 3 | 13 | 0.04 | < 10 | < 10 | 34 | 10 | 46 |
| L22E 1+50N | 201 | 238 | < 1 | 0.01 | 6 | 260 | 32 | < 5 | 1 | 11 | 0.03 | < 10 | < 10 | 22 | 5 | 40 |
| L22E 2+00N | 201 | 238 | 1 | 0.01 | 7 | 290 | 22 | < 5 | 2 | 10 | 0.04 | < 10 | < 10 | 25 | 5 | 36 |
| L22E 2+50N | 201 | 238 | 1 | 0.01 | 14 | 210 | 16 | < 5 | 3 | 11 | 0.04 | < 10 | < 10 | 29 | < 5 | 38 |
| L22E 3+00N | 201 | 238 | 1 | 0.01 | 8 | 320 | 16 | < 5 | 2 | 12 | 0.03 | < 10 | < 10 | 27 | 5 | 37 |
| L22E 3+50N | 201 | 238 | < 1 | 0.01 | 8 | 430 | 12 | < 5 | 3 | 19 | 0.03 | < 10 | < 10 | 20 | < 5 | 40 |
| L22E 4+00N | 201 | 238 | < 1 | < 0.01 | 7 | 170 | 20 | < 5 | 2 | 17 | 0.02 | < 10 | < 10 | 19 | 5 | 36 |
| L22E 4+50N | 201 | 238 | 1 | < 0.01 | 5 | 240 | 18 | < 5 | 2 | 7 | 0.03 | < 10 | < 10 | 30 | < 5 | 28 |
| L22E 5+00N | 201 | 238 | < 1 | < 0.01 | 5 | 110 | 28 | < 5 | 2 | 9 | 0.01 | < 10 | < 10 | 10 | 10 | 20 |

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Project : DAWSON/REEF
Comments: ATTN: ART TROUP OR SPURLIN EDWARDS CC: PERRY GRUNENBERG

Page No. : 4-A
Tot. Pages: 4
Date : 19-AUG-88
Invoice # : I-8820640
P.O. # : AOR/KDR

## CERTIFICATE OF ANALYSIS A8820640

| SAMPLE DESCRIPTION | PREP CODE | | Au ppb FA+AA | Al % | Ag ppm | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L22E 5+50N | 201 | 238 | < 5 | 1.38 | 0.4 | 15 | 260 | < 0.5 | < 2 | 0.15 | < 0.5 | 9 | 21 | 11 | 1.95 | < 10 | 2 | 0.06 | 30 | 0.37 | 166 |
| L22E 6+00N | 201 | 238 | < 5 | 1.20 | 0.2 | < 5 | 190 | < 0.5 | < 2 | 0.10 | < 0.5 | < 1 | 14 | 8 | 1.41 | < 10 | 1 | 0.07 | 20 | 0.23 | 76 |
| L22E 6+50N | 201 | 238 | < 5 | 0.97 | 0.2 | 5 | 180 | < 0.5 | < 2 | 0.10 | < 0.5 | < 1 | 11 | 5 | 1.17 | < 10 | < 1 | 0.17 | 40 | 0.37 | 79 |
| L22E 7+00N | 201 | 238 | < 5 | 1.41 | 0.2 | 60 | 290 | < 0.5 | < 2 | 0.13 | < 0.5 | 9 | 20 | 13 | 1.97 | < 10 | < 1 | 0.07 | 30 | 0.45 | 149 |
| L22E 7+50N | 201 | 238 | < 5 | 1.33 | 0.2 | 15 | 360 | < 0.5 | 4 | 0.29 | < 0.5 | 9 | 18 | 12 | 1.89 | < 10 | < 1 | 0.05 | 20 | 0.50 | 177 |
| L22E 8+00N | 201 | 238 | < 5 | 1.37 | 0.2 | 5 | 560 | < 0.5 | 4 | 0.47 | < 0.5 | < 1 | 15 | 10 | 1.80 | < 10 | 4 | 0.07 | 30 | 0.52 | 199 |
| L22E 8+50N | 201 | 238 | 50 | 1.41 | < 0.2 | 10 | 340 | < 0.5 | < 2 | 0.31 | < 0.5 | 9 | 18 | 9 | 1.90 | < 10 | < 1 | 0.07 | 20 | 0.56 | 177 |
| L22E 9+00N | 201 | 238 | < 5 | 1.38 | 0.2 | 20 | 370 | < 0.5 | 2 | 0.22 | < 0.5 | 9 | 17 | 9 | 1.76 | < 10 | < 1 | 0.07 | 20 | 0.48 | 156 |
| L22E 9+50N | 201 | 238 | < 5 | 1.18 | < 0.2 | 20 | 220 | < 0.5 | < 2 | 0.17 | < 0.5 | < 1 | 17 | 10 | 1.71 | < 10 | < 1 | 0.05 | 20 | 0.39 | 119 |
| L22E 10+00N | 201 | 238 | < 5 | 1.26 | < 0.2 | 15 | 200 | < 0.5 | 4 | 0.21 | < 0.5 | 10 | 17 | 6 | 1.93 | < 10 | < 1 | 0.11 | 20 | 0.42 | 299 |
| L23E 0+50N | 201 | 238 | < 5 | 1.72 | 0.2 | 65 | 170 | < 0.5 | 2 | 0.05 | < 0.5 | < 1 | 18 | 9 | 1.63 | < 10 | 1 | 0.10 | 40 | 0.26 | 120 |
| L23E 1+00N | 201 | 238 | < 5 | 1.40 | 0.2 | 20 | 120 | < 0.5 | 2 | 0.05 | < 0.5 | < 1 | 14 | 5 | 1.37 | < 10 | 2 | 0.11 | 30 | 0.20 | 80 |
| L23E 1+50N | 201 | 238 | < 5 | 1.03 | < 0.2 | 120 | 100 | < 0.5 | 2 | 0.06 | < 0.5 | < 1 | 11 | 6 | 1.23 | < 10 | < 1 | 0.09 | 30 | 0.21 | 69 |
| L23E 2+00N | 201 | 238 | < 5 | 1.31 | < 0.2 | 165 | 190 | < 0.5 | < 2 | 0.06 | < 0.5 | < 1 | 30 | 12 | 1.70 | < 10 | 1 | 0.09 | 30 | 0.62 | 120 |
| L23E 2+50N | 201 | 238 | < 5 | 1.04 | < 0.2 | 340 | 130 | < 0.5 | 2 | 0.09 | < 0.5 | < 1 | 12 | 4 | 1.49 | < 10 | 2 | 0.11 | 20 | 0.22 | 104 |
| L23E 3+00N | 201 | 238 | < 5 | 0.93 | < 0.2 | 155 | 180 | < 0.5 | < 2 | 0.10 | < 0.5 | < 1 | 9 | 5 | 1.30 | < 10 | < 1 | 0.15 | 20 | 0.17 | 92 |
| L23E 3+50N | 201 | 238 | < 5 | 0.84 | 0.2 | 65 | 120 | < 0.5 | < 2 | 0.04 | < 0.5 | < 1 | 8 | 5 | 1.00 | < 10 | < 1 | 0.13 | 40 | 0.14 | 49 |
| L23E 4+00N | 201 | 238 | < 5 | 0.96 | 0.2 | 80 | 180 | < 0.5 | 2 | 0.07 | < 0.5 | < 1 | 10 | 12 | 1.35 | < 10 | 4 | 0.15 | 60 | 0.17 | 73 |
| L23E 4+50N | 201 | 238 | < 5 | 1.02 | 0.2 | 15 | 140 | < 0.5 | 2 | 0.08 | < 0.5 | < 1 | 14 | 9 | 1.24 | < 10 | < 1 | 0.07 | 30 | 0.27 | 92 |
| L23E 5+00N | 201 | 238 | < 5 | 1.15 | 0.2 | 5 | 180 | < 0.5 | < 2 | 0.17 | < 0.5 | < 1 | 19 | 14 | 1.57 | < 10 | < 1 | 0.07 | 30 | 0.37 | 124 |
| L23E 5+50N | 201 | 238 | < 5 | 0.80 | 0.4 | 5 | 340 | < 0.5 | < 2 | 0.12 | < 0.5 | < 1 | 13 | 8 | 1.07 | < 10 | < 1 | 0.06 | 40 | 0.22 | 60 |
| L23E 6+00N | 201 | 238 | < 5 | 1.18 | < 0.2 | 20 | 200 | < 0.5 | < 2 | 0.08 | < 0.5 | < 1 | 14 | 10 | 1.31 | < 10 | < 1 | 0.07 | 30 | 0.22 | 62 |
| L23E 6+50N | 201 | 238 | < 5 | 1.56 | 0.6 | 60 | 590 | < 0.5 | < 2 | 0.16 | < 0.5 | < 1 | 22 | 33 | 2.03 | < 10 | < 1 | 0.10 | 30 | 0.43 | 139 |
| L23E 7+00N | 201 | 238 | < 5 | 1.56 | 0.2 | 30 | 640 | < 0.5 | < 2 | 0.40 | < 0.5 | 11 | 26 | 24 | 2.35 | < 10 | 1 | 0.08 | 20 | 0.55 | 232 |
| L23E 7+50N | 201 | 238 | < 5 | 1.59 | < 0.2 | 25 | 340 | < 0.5 | 2 | 0.24 | < 0.5 | 12 | 23 | 16 | 2.11 | < 10 | < 1 | 0.05 | 20 | 0.64 | 189 |
| L23E 8+00N | 201 | 238 | < 5 | 1.31 | 0.2 | 10 | 330 | < 0.5 | < 2 | 0.27 | < 0.5 | < 1 | 16 | 10 | 1.73 | < 10 | 4 | 0.05 | 30 | 0.57 | 165 |
| L23E 8+50N | 201 | 238 | < 5 | 1.43 | 0.2 | 25 | 340 | < 0.5 | 4 | 0.27 | < 0.5 | 9 | 18 | 11 | 1.99 | < 10 | < 1 | 0.06 | 20 | 0.56 | 160 |
| L23E 9+00N | 201 | 238 | < 5 | 1.50 | < 0.2 | 30 | 190 | < 0.5 | < 2 | 0.12 | < 0.5 | < 1 | 14 | 7 | 1.78 | < 10 | 1 | 0.05 | 20 | 0.53 | 117 |
| L23E 9+50N | 201 | 238 | < 5 | 1.34 | < 0.2 | 20 | 230 | < 0.5 | < 2 | 0.16 | < 0.5 | < 1 | 17 | 11 | 1.85 | < 10 | < 1 | 0.05 | 20 | 0.43 | 134 |
| L23E 10+00N | 201 | 238 | < 5 | 1.28 | < 0.2 | 10 | 130 | < 0.5 | < 2 | 0.08 | < 0.5 | < 1 | 15 | 7 | 1.67 | < 10 | 1 | 0.07 | 20 | 0.35 | 96 |

CERTIFICATION : BC

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[redacted]MARK MANAGEMENT LIMITED
1800 - 999 W. HASTINGS ST.
VANCOUVER, BC
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Comments: ATTN: ART TROUP OR SPURLIN EDWARDS CC: PERRY GRUNENBERG

Pag[redacted]. :4-B
Tot. Pages: 4
Date :19-AUG-88
Invoice # : I-8820640
P.O. # :AOR/KDR

# CERTIFICATE OF ANALYSIS A8820640

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L22E 5+50N | 201 | 238 | < 1 | 0.01 | 11 | 230 | 22 | < 5 | 3 | 14 | 0.06 | < 10 | < 10 | 37 | 10 | 44 |
| L22E 6+00N | 201 | 238 | < 1 | 0.01 | 6 | 170 | 18 | < 5 | 2 | 10 | 0.04 | < 10 | < 10 | 29 | 5 | 31 |
| L22E 6+50N | 201 | 238 | < 1 | < 0.01 | 4 | 240 | 30 | < 5 | 2 | 10 | 0.02 | < 10 | < 10 | 14 | 5 | 43 |
| L22E 7+00N | 201 | 238 | 1 | 0.01 | 18 | 240 | 16 | < 5 | 2 | 14 | 0.04 | < 10 | < 10 | 38 | 10 | 61 |
| L22E 7+50N | 201 | 238 | < 1 | 0.01 | 14 | 420 | 10 | < 5 | 3 | 22 | 0.06 | < 10 | < 10 | 35 | 5 | 54 |
| L22E 8+00N | 201 | 238 | < 1 | 0.01 | 11 | 440 | 12 | < 5 | 3 | 35 | 0.03 | < 10 | < 10 | 26 | 5 | 54 |
| L22E 8+50N | 201 | 238 | 1 | 0.01 | 10 | 460 | 8 | < 5 | 3 | 23 | 0.05 | < 10 | < 10 | 34 | 10 | 55 |
| L22E 9+00N | 201 | 238 | < 1 | 0.01 | 10 | 290 | 16 | < 5 | 3 | 18 | 0.05 | < 10 | < 10 | 31 | 5 | 46 |
| L22E 9+50N | 201 | 238 | < 1 | 0.01 | 10 | 320 | 4 | < 5 | 2 | 13 | 0.05 | < 10 | < 10 | 32 | < 5 | 42 |
| L22E 10+00N | 201 | 238 | < 1 | 0.01 | 8 | 480 | 6 | < 5 | 2 | 15 | 0.05 | < 10 | < 10 | 35 | < 5 | 49 |
| L23E 0+50N | 201 | 238 | < 1 | 0.01 | 6 | 130 | 16 | < 5 | 2 | 7 | 0.03 | < 10 | < 10 | 27 | 5 | 35 |
| L23E 1+00N | 201 | 238 | < 1 | < 0.01 | 6 | 110 | 24 | < 5 | 2 | 6 | 0.03 | < 10 | < 10 | 23 | < 5 | 20 |
| L23E 1+50N | 201 | 238 | < 1 | < 0.01 | 4 | 90 | 14 | < 5 | 1 | 8 | 0.03 | < 10 | < 10 | 20 | 10 | 25 |
| L23E 2+00N | 201 | 238 | < 1 | 0.01 | 15 | 200 | 20 | < 5 | 3 | 7 | 0.02 | < 10 | < 10 | 29 | 5 | 35 |
| L23E 2+50N | 201 | 238 | < 1 | 0.01 | 4 | 250 | 6 | < 5 | 1 | 9 | 0.03 | < 10 | < 10 | 32 | < 5 | 29 |
| L23E 3+00N | 201 | 238 | < 1 | < 0.01 | 5 | 310 | 8 | < 5 | 2 | 8 | 0.01 | < 10 | < 10 | 16 | 5 | 23 |
| L23E 3+50N | 201 | 238 | < 1 | < 0.01 | 1 | 80 | 18 | < 5 | 1 | 6 | 0.01 | < 10 | < 10 | 9 | < 5 | 23 |
| L23E 4+00N | 201 | 238 | < 1 | 0.01 | 4 | 280 | 36 | < 5 | 2 | 13 | 0.02 | < 10 | < 10 | 16 | 5 | 44 |
| L23E 4+50N | 201 | 238 | < 1 | 0.01 | 6 | 120 | 18 | < 5 | 2 | 9 | 0.04 | < 10 | < 10 | 24 | 5 | 33 |
| L23E 5+00N | 201 | 238 | < 1 | 0.01 | 11 | 310 | 20 | < 5 | 3 | 14 | 0.06 | < 10 | < 10 | 30 | 5 | 39 |
| L23E 5+50N | 201 | 238 | < 1 | < 0.01 | 4 | 140 | 18 | < 5 | 2 | 11 | 0.04 | < 10 | < 10 | 21 | 5 | 25 |
| L23E 6+00N | 201 | 238 | < 1 | 0.01 | 6 | 170 | 12 | < 5 | 2 | 9 | 0.04 | < 10 | < 10 | 25 | < 5 | 25 |
| L23E 6+50N | 201 | 238 | 2 | 0.01 | 24 | 440 | 28 | < 5 | 2 | 19 | 0.02 | < 10 | < 10 | 31 | 10 | 61 |
| L23E 7+00N | 201 | 238 | 2 | 0.01 | 22 | 480 | 16 | < 5 | 4 | 33 | 0.07 | < 10 | < 10 | 44 | 10 | 70 |
| L23E 7+50N | 201 | 238 | 1 | 0.01 | 14 | 370 | 8 | < 5 | 3 | 21 | 0.06 | < 10 | < 10 | 37 | 10 | 64 |
| L23E 8+00N | 201 | 238 | < 1 | 0.01 | 10 | 350 | 4 | < 5 | 3 | 20 | 0.05 | < 10 | < 10 | 27 | 5 | 45 |
| L23E 8+50N | 201 | 238 | 3 | 0.01 | 11 | 390 | 14 | < 5 | 2 | 20 | 0.04 | < 10 | < 10 | 35 | 10 | 57 |
| L23E 9+00N | 201 | 238 | < 1 | 0.01 | 9 | 220 | 12 | < 5 | 2 | 11 | 0.04 | < 10 | < 10 | 29 | < 5 | 43 |
| L23E 9+50N | 201 | 238 | < 1 | 0.01 | 11 | 270 | 10 | < 5 | 2 | 14 | 0.05 | < 10 | < 10 | 32 | < 5 | 47 |
| L23E 10+00N | 201 | 238 | < 1 | < 0.01 | 7 | 140 | 4 | < 5 | 2 | 8 | 0.04 | < 10 | < 10 | 28 | 5 | 38 |

CERTIFICATION :

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Comments: ATTN: ART TROUP cc: P. GRUNENBERG

Page No. : 1-A
Tot. Pages: 1
Date : 29-JUN-88
Invoice # : I-8817503
P.O. # : AGR/KDR

# CERTIFICATE OF ANALYSIS A8817503

| SAMPLE DESCRIPTION | PREP CODE | | Au oz/T | Al % | Ag ppm | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 88 TR01-01 | 208 | 238 | < 0.002 | 0.20 | < 0.2 | 40 | 90 | < 0.5 | < 2 | 0.03 | < 0.5 | 3 | 77 | 10 | 0.38 | < 10 | < 1 | 0.13 | 20 | 0.05 | 43 |
| 88 TR01-02 | 208 | 238 | < 0.002 | 0.22 | 0.2 | 60 | 120 | < 0.5 | < 2 | < 0.01 | < 0.5 | 1 | 124 | 4 | 0.30 | < 10 | < 1 | 0.17 | 20 | 0.04 | 27 |
| 88 TR01-03 | 208 | 238 | < 0.002 | 1.21 | 0.4 | 265 | 280 | 1.0 | 2 | 0.17 | 0.5 | 7 | 177 | 34 | 2.05 | < 10 | < 1 | 0.12 | 20 | 1.10 | 217 |
| 88 TR01-04 | 208 | 238 | < 0.002 | 1.32 | < 0.2 | 45 | 80 | 1.0 | 2 | 1.21 | < 0.5 | 3 | 22 | 2 | 1.36 | 10 | 1 | 0.11 | 50 | 1.07 | 251 |
| 88 TR01-05 | 208 | 238 | < 0.002 | 0.47 | 0.6 | 225 | 180 | 0.5 | < 2 | 0.05 | < 0.5 | 3 | 164 | 12 | 1.02 | < 10 | < 1 | 0.16 | 20 | 0.13 | 273 |
| 88 TR01-06 | 208 | 238 | < 0.002 | 0.27 | 0.2 | 160 | 90 | < 0.5 | < 2 | 0.01 | < 0.5 | 2 | 108 | 9 | 0.63 | < 10 | 1 | 0.03 | < 10 | 0.16 | 238 |
| 88 TR01-07 | 208 | 238 | < 0.002 | 0.54 | 0.4 | 1120 | 250 | 0.5 | < 2 | 0.11 | < 0.5 | 2 | 131 | 11 | 1.17 | < 10 | < 1 | 0.28 | 20 | 0.22 | 131 |
| 88 TR01-08 | 208 | 238 | < 0.002 | 0.64 | 0.4 | 120 | 200 | 0.5 | 2 | 0.09 | < 0.5 | 2 | 109 | 4 | 0.89 | < 10 | < 1 | 0.23 | 30 | 0.39 | 134 |
| 88 TR01-09 | 208 | 238 | < 0.002 | 0.84 | 0.2 | 140 | 180 | 1.0 | < 2 | 0.19 | < 0.5 | 3 | 121 | 7 | 1.39 | < 10 | < 1 | 0.16 | 30 | 0.58 | 183 |

ALL ASSAY DETERMINATIONS ARE PERFORMED OR SUPERVISED BY B.C. CERTIFIED ASSAYERS

CERTIFICATION : B.C.

**Chemex Labs Ltd.**
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MARK MANAGEMENT LIMITED
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Comments: ATTN: ART TROUP CC: P. GRUNENBERG

Page No. : 1-B
Total Pages: 1
Date : 29-JUN-88
Invoice # : I-8817503
P.O. # : AOR/KDR

# CERTIFICATE OF ANALYSIS A8817503

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 88 TR01-01 | 208 | 238 | < 1 | 0.01 | 3 | 30 | 22 | < 5 | < 1 | 2 | < 0.01 | < 10 | < 10 | < 1 | < 5 | 10 |
| 88 TR01-02 | 208 | 238 | < 1 | 0.01 | 1 | 40 | 26 | < 5 | < 1 | 2 | < 0.01 | 10 | < 10 | < 1 | < 5 | 10 |
| 88 TR01-03 | 208 | 238 | 10 | < 0.01 | 38 | 800 | 16 | < 5 | 1 | 13 | < 0.01 | 10 | < 10 | 21 | < 5 | 97 |
| 88 TR01-04 | 208 | 238 | < 1 | < 0.01 | 17 | 210 | 16 | < 5 | 1 | 79 | < 0.01 | 10 | < 10 | 1 | < 5 | 94 |
| 88 TR01-05 | 208 | 238 | 1 | 0.01 | 9 | 110 | 54 | < 5 | 1 | 5 | < 0.01 | 10 | < 10 | 3 | < 5 | 72 |
| 88 TR01-06 | 208 | 238 | < 1 | < 0.01 | 10 | 60 | 6 | < 5 | < 1 | 2 | < 0.01 | < 10 | < 10 | 3 | < 5 | 17 |
| 88 TR01-07 | 208 | 238 | < 1 | < 0.01 | 4 | 370 | 16 | < 5 | 1 | 8 | < 0.01 | < 10 | < 10 | 4 | < 5 | 50 |
| 88 TR01-08 | 208 | 238 | < 1 | 0.01 | 5 | 310 | 24 | < 5 | 1 | 5 | < 0.01 | 10 | < 10 | 2 | < 5 | 27 |
| 88 TR01-09 | 208 | 238 | < 1 | 0.01 | 3 | 370 | 10 | < 5 | 2 | 11 | < 0.01 | < 10 | < 10 | 6 | < 5 | 38 |

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CERTIFICATION : BC

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Comments: ATTN: ART TROUP CC: P. GRUNENEBERG

Pag[redacted] : 1-A
Tot. Pages: 1
Date : 30-JUN-88
Invoice # : I-8817504
P.O. # : AOR/KDR

# CERTIFICATE OF ANALYSIS A8817504

| SAMPLE DESCRIPTION | PREP CODE | | Au ppb FA+AA | Al % | Ag ppm | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 88TR01-S01 | 201 | 238 | 5 | 0.89 | < 0.2 | 110 | 120 | 1.0 | < 2 | 0.05 | < 0.5 | 2 | 8 | 9 | 1.03 | < 10 | < 1 | 0.10 | 50 | 0.20 | 98 |
| 88TR01-S02 | 201 | 238 | 5 | 0.27 | 0.2 | 35 | 110 | 0.5 | < 2 | 0.03 | < 0.5 | < 1 | 1 | 3 | 0.41 | < 10 | < 1 | 0.08 | 70 | 0.07 | 157 |
| 88TR01-S03 | 201 | 238 | 5 | 0.27 | 0.4 | 60 | 80 | 0.5 | < 2 | 0.03 | < 0.5 | < 1 | 1 | 6 | 0.43 | < 10 | < 1 | 0.07 | 70 | 0.11 | 144 |
| 88TR01-S04 | 201 | 238 | 15 | 0.27 | 0.4 | 165 | 90 | 0.5 | < 2 | 0.05 | < 0.5 | 1 | < 1 | 3 | 0.35 | < 10 | < 1 | 0.10 | 70 | 0.09 | 124 |
| 88TR01-S05 | 201 | 238 | 10 | 0.21 | 0.2 | 195 | 90 | 0.5 | < 2 | 0.02 | < 0.5 | < 1 | 3 | 5 | 0.40 | < 10 | < 1 | 0.11 | 50 | 0.05 | 129 |
| 88TR01-S06 | 201 | 238 | < 5 | 1.69 | 0.2 | 215 | 140 | 1.0 | 2 | 0.36 | 0.5 | 17 | 29 | 57 | 3.42 | < 10 | < 1 | 0.09 | 40 | 1.66 | 371 |
| 88TR01-S07 | 201 | 238 | < 5 | 2.01 | < 0.2 | 55 | 180 | 1.5 | 2 | 0.27 | < 0.5 | 5 | 4 | 3 | 2.02 | < 10 | < 1 | 0.18 | 60 | 1.43 | 230 |
| 88TR01-S08 | 201 | 238 | 85 | 0.91 | 0.2 | 3020 | 360 | 1.0 | < 2 | 0.23 | < 0.5 | 8 | 3 | 18 | 2.45 | < 10 | < 1 | 0.35 | 60 | 0.44 | 672 |
| 88TR01-S09 | 201 | 238 | 40 | 1.19 | < 0.2 | 390 | 220 | 1.0 | 2 | 0.20 | < 0.5 | 5 | 7 | 12 | 2.10 | < 10 | < 1 | 0.17 | 70 | 0.82 | 513 |
| 88TR01-S10 | 201 | 238 | 35 | 0.78 | 0.2 | 190 | 180 | 1.0 | < 2 | 0.19 | < 0.5 | 4 | 8 | 13 | 1.77 | < 10 | < 1 | 0.11 | 60 | 0.41 | 435 |
| 88TR01-S11 | 201 | 238 | 35 | 1.05 | 0.2 | 330 | 180 | 1.0 | < 2 | 0.23 | < 0.5 | 4 | 9 | 15 | 2.23 | < 10 | < 1 | 0.11 | 70 | 0.69 | 447 |
| 88TR01-S12 | 201 | 238 | 40 | 1.24 | 0.2 | 140 | 170 | 1.5 | 2 | 0.24 | < 0.5 | 6 | 10 | 13 | 2.32 | 10 | < 1 | 0.12 | 70 | 0.94 | 810 |

CERTIFICATION : BC

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VANCOUVER, BC
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Project : Y
Comments: ATTN: ART TROUP CC: P. GRUNENEBERG


Date : 30-JUN-88
Invoice # : I-8817504
P.O. # : AGR/KDR

# CERTIFICATE OF ANALYSIS A8817504

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 88IR01-S01 | 201 | 238 | < 1 | < 0.01 | 7 | 160 | 28 | < 5 | 1 | 6 | 0.01 | < 10 | < 10 | 13 | < 5 | 31 |
| 88IR01-S02 | 201 | 238 | < 1 | < 0.01 | 2 | 80 | 58 | < 5 | < 1 | 5 | < 0.01 | < 10 | < 10 | 1 | < 5 | 16 |
| 88IR01-S03 | 201 | 238 | < 1 | < 0.01 | 2 | 90 | 98 | < 5 | 1 | 6 | < 0.01 | < 10 | < 10 | 2 | < 5 | 16 |
| 88IR01-S04 | 201 | 238 | < 1 | < 0.01 | 3 | 70 | 78 | < 5 | < 1 | 8 | < 0.01 | < 10 | < 10 | < 1 | < 5 | 17 |
| 88IR01-S05 | 201 | 238 | < 1 | < 0.01 | 3 | 60 | 64 | < 5 | < 1 | 4 | < 0.01 | < 10 | < 10 | < 1 | < 5 | 16 |
| 88IR01-S06 | 201 | 238 | 19 | < 0.01 | 71 | 1730 | 30 | < 5 | 2 | 22 | < 0.01 | 10 | < 10 | 34 | < 5 | 177 |
| 88IR01-S07 | 201 | 238 | < 1 | < 0.01 | 36 | 320 | 18 | < 5 | 1 | 21 | < 0.01 | < 10 | < 10 | < 1 | < 5 | 121 |
| 88IR01-S08 | 201 | 238 | < 1 | < 0.01 | 5 | 560 | 98 | 5 | 2 | 19 | < 0.01 | < 10 | < 10 | 4 | < 5 | 135 |
| 88IR01-S09 | 201 | 238 | < 1 | < 0.01 | 4 | 490 | 44 | < 5 | 3 | 13 | < 0.01 | < 10 | < 10 | 6 | < 5 | 55 |
| 88IR01-S10 | 201 | 238 | < 1 | < 0.01 | 4 | 450 | 18 | < 5 | 4 | 11 | < 0.01 | 10 | < 10 | 7 | < 5 | 42 |
| 88IR01-S11 | 201 | 238 | < 1 | < 0.01 | 5 | 520 | 28 | < 5 | 5 | 14 | < 0.01 | < 10 | < 10 | 8 | < 5 | 49 |
| 88IR01-S12 | 201 | 238 | < 1 | < 0.01 | 5 | 610 | 44 | < 5 | 5 | 12 | < 0.01 | 10 | < 10 | 8 | < 5 | 48 |

CERTIFICATION : BC

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To: MARK MANAGEMENT LIMITED
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V6C 2W2

Project : DAWSON
Comments: ATTN: SPURLIN EDWARDS & ART TROUP; CC: P GRUNENBERG

Page No. : 1-A
Total Pages: 2
Date : 21-SEP-88
Invoice # : I-8823169
P.O. # : AOR KDR

# CERTIFICATE OF ANALYSIS A8823169

| SAMPLE DESCRIPTION | PREP CODE | | Al % | Ag ppm | 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 | Mo ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 88IR20-01 | 299 | 238 | 0.87 | 0.4 | 725 | 930 | 0.5 | 2 | 0.04 | 0.5 | 1 | 9 | 4 | 1.21 | < 10 | < 1 | 0.63 | 40 | 0.06 | 97 | 1 |
| 88IR20-02 | 299 | 238 | 1.35 | 0.4 | 415 | 840 | 0.5 | 4 | 0.07 | 0.5 | 10 | 7 | 6 | 0.98 | 10 | 1 | 0.88 | 50 | 0.16 | 542 | 1 |
| 88IR20-03 | 299 | 238 | 0.80 | 0.4 | 395 | 470 | 0.5 | 2 | 0.08 | < 0.5 | 7 | 8 | 7 | 1.03 | < 10 | 1 | 0.51 | 50 | 0.08 | 508 | 1 |
| 88IR20-04 | 299 | 238 | 0.80 | 0.6 | 2690 | 470 | 0.5 | 4 | 0.08 | 3.0 | 5 | 12 | 7 | 1.48 | 10 | 1 | 0.52 | 50 | 0.09 | 282 | 2 |
| 88IR20-05 | 299 | 238 | 0.82 | 0.4 | 475 | 380 | 0.5 | < 2 | 0.08 | 0.5 | 3 | 13 | 7 | 1.41 | < 10 | < 1 | 0.51 | 40 | 0.09 | 315 | 1 |
| 88IR20-06 | 299 | 238 | 0.64 | 0.8 | 470 | 330 | 0.5 | < 2 | 0.10 | 0.5 | 3 | 15 | 15 | 1.39 | < 10 | < 1 | 0.39 | 40 | 0.09 | 356 | 2 |
| 88IR20-07 | 299 | 238 | 0.74 | 0.6 | 570 | 450 | 0.5 | 2 | 0.14 | 0.5 | 3 | 12 | 13 | 1.49 | < 10 | < 1 | 0.45 | 50 | 0.09 | 381 | 2 |
| 88IR20-08 | 299 | 238 | 1.06 | 0.6 | 335 | 490 | 0.5 | < 2 | 0.10 | 0.5 | 6 | 10 | 14 | 1.58 | 10 | 1 | 0.58 | 50 | 0.15 | 375 | 1 |
| 88IR20-09 | 299 | 238 | 0.88 | 0.4 | 290 | 410 | 0.5 | < 2 | 0.09 | < 0.5 | 6 | 11 | 11 | 1.63 | < 10 | 1 | 0.42 | 40 | 0.12 | 373 | 2 |
| 88IR20-10 | 299 | 238 | 0.93 | 0.4 | 270 | 480 | 0.5 | < 2 | 0.09 | < 0.5 | 6 | 13 | 5 | 1.81 | < 10 | < 1 | 0.50 | 50 | 0.14 | 457 | 1 |
| 88IR20-11 | 299 | 238 | 0.87 | 0.6 | 360 | 420 | 0.5 | < 2 | 0.08 | < 0.5 | 5 | 12 | 8 | 1.64 | < 10 | < 1 | 0.50 | 40 | 0.12 | 464 | 1 |
| 88IR20-12 | 299 | 238 | 0.21 | 0.4 | >10000 | 310 | < 0.5 | < 2 | 0.02 | 13.5 | 2 | 16 | 1 | 2.11 | < 10 | < 1 | 0.12 | 10 | 0.02 | 118 | 3 |
| 88IR20-13 | 299 | 238 | 0.27 | 1.0 | 385 | 140 | < 0.5 | 2 | 0.05 | < 0.5 | 2 | 13 | 21 | 1.35 | < 10 | < 1 | 0.13 | 10 | 0.03 | 323 | < 1 |
| 88IR20-14 | 299 | 238 | 0.61 | 0.6 | 555 | 260 | < 0.5 | 2 | 0.06 | 0.5 | 2 | 13 | 8 | 1.28 | < 10 | < 1 | 0.26 | 10 | 0.04 | 216 | 1 |
| 88IR20-15 | 299 | 238 | 1.28 | 1.0 | 855 | 860 | 0.5 | < 2 | 0.08 | 0.5 | 14 | 17 | 23 | 1.98 | < 10 | 2 | 0.40 | 40 | 0.09 | 513 | 3 |
| 88IR20-16 | 299 | 238 | 0.91 | 0.4 | 500 | 430 | 0.5 | < 2 | 0.15 | 0.5 | 4 | 10 | 8 | 1.57 | < 10 | 1 | 0.44 | 30 | 0.09 | 181 | 2 |
| 88IR20-17 | 299 | 238 | 0.68 | 0.2 | 555 | 390 | 0.5 | < 2 | 0.09 | < 0.5 | 3 | 11 | 3 | 1.48 | < 10 | < 1 | 0.41 | 40 | 0.09 | 203 | 2 |
| 88IR20-18 | 299 | 238 | 1.03 | 0.2 | 810 | 780 | 0.5 | < 2 | 0.46 | < 0.5 | 2 | 12 | 4 | 1.33 | < 10 | < 1 | 0.48 | 40 | 0.08 | 139 | 2 |
| 88IR20-19 | 299 | 238 | 0.95 | 0.8 | 1270 | 570 | 0.5 | 2 | 0.16 | 1.0 | 7 | 17 | 9 | 2.64 | 10 | 1 | 0.39 | 120 | 0.10 | 729 | 6 |
| 88IR20-20 | 299 | 238 | 0.36 | 0.2 | 120 | 200 | < 0.5 | < 2 | 0.47 | < 0.5 | 1 | 12 | 9 | 1.30 | < 10 | 1 | 0.17 | 20 | 0.03 | 224 | 2 |
| 88IR20-21 | 299 | 238 | 1.04 | 0.4 | 335 | 410 | 0.5 | < 2 | 0.10 | 0.5 | 7 | 11 | 14 | 1.75 | 10 | 1 | 0.49 | 60 | 0.12 | 420 | 1 |
| 88IR20-22 | 299 | 238 | 0.96 | 0.6 | 1030 | 370 | 0.5 | 2 | 0.16 | 1.0 | 3 | 11 | 15 | 2.14 | 10 | 1 | 0.53 | 60 | 0.11 | 263 | 6 |
| 88IR20-23 | 299 | 238 | 1.13 | 0.4 | 860 | 650 | 0.5 | < 2 | 0.46 | 0.5 | 2 | 11 | 6 | 1.49 | 10 | < 1 | 0.57 | 50 | 0.10 | 155 | 2 |
| 88IR20-24 | 299 | 238 | 0.68 | 0.4 | 500 | 330 | 0.5 | < 2 | 0.13 | 0.5 | 1 | 10 | 6 | 1.57 | < 10 | 1 | 0.42 | 40 | 0.07 | 219 | 2 |
| 88IR20-25 | 299 | 238 | 0.79 | 0.2 | 210 | 390 | 0.5 | < 2 | 0.83 | < 0.5 | 3 | 15 | 6 | 1.79 | 10 | 1 | 0.43 | 50 | 0.09 | 263 | 2 |
| 88IR20-26 | 299 | 238 | 0.61 | 0.4 | 275 | 330 | 0.5 | < 2 | 0.85 | < 0.5 | 2 | 13 | 6 | 1.59 | 10 | 1 | 0.35 | 50 | 0.09 | 252 | 2 |
| 88IR20-27 | 299 | 238 | 0.99 | 0.2 | 125 | 740 | 0.5 | < 2 | 0.87 | < 0.5 | 4 | 11 | 4 | 1.72 | 10 | < 1 | 0.54 | 50 | 0.16 | 362 | 2 |
| 88IR20-28 | 299 | 238 | 1.16 | 0.4 | 335 | 640 | 0.5 | < 2 | 0.24 | < 0.5 | 6 | 16 | 7 | 1.94 | 10 | < 1 | 0.60 | 60 | 0.14 | 610 | 2 |
| 88IR20-29 | 299 | 238 | 0.41 | 0.4 | 115 | 220 | < 0.5 | 2 | 2.15 | < 0.5 | 2 | 15 | 17 | 1.43 | < 10 | < 1 | 0.16 | 20 | 0.13 | 409 | 1 |
| 88IR20-30 | 299 | 238 | 0.51 | 1.0 | 780 | 310 | 0.5 | < 2 | 0.13 | 1.0 | 3 | 15 | 6 | 1.57 | < 10 | < 1 | 0.26 | 40 | 0.05 | 314 | 2 |
| 88IR20-31 | 299 | 238 | 0.73 | 2.2 | 55 | 680 | 0.5 | 2 | 0.33 | < 0.5 | 3 | 13 | 14 | 1.60 | < 10 | 1 | 0.42 | 40 | 0.18 | 302 | 1 |
| 88IR21-01 | 299 | 238 | 2.01 | 0.4 | 885 | 320 | 1.0 | 4 | 0.22 | 2.0 | 9 | 51 | 36 | 3.53 | < 10 | < 1 | 0.23 | 30 | 1.54 | 314 | 19 |
| 88IR21-02 | 299 | 238 | 1.99 | 0.4 | 615 | 330 | 1.0 | 6 | 0.19 | 1.0 | 9 | 49 | 38 | 3.52 | < 10 | < 1 | 0.20 | 30 | 1.59 | 324 | 17 |
| 88IR21-03 | 299 | 238 | 1.98 | 1.0 | 1065 | 340 | 1.0 | < 2 | 0.24 | 2.0 | 9 | 54 | 46 | 3.98 | < 10 | 1 | 0.20 | 30 | 1.67 | 346 | 24 |
| 88IR21-04 | 299 | 238 | 1.78 | 0.8 | 920 | 280 | 1.0 | 2 | 0.24 | 1.5 | 10 | 51 | 38 | 3.75 | < 10 | < 1 | 0.18 | 30 | 1.38 | 482 | 15 |
| 88IR21-05 | 299 | 238 | 0.37 | 0.2 | 120 | 160 | < 0.5 | < 2 | 0.05 | < 0.5 | 3 | 30 | 9 | 1.86 | < 10 | < 1 | 0.03 | < 10 | 0.27 | 393 | 6 |
| 88IR21-06 | 299 | 238 | 2.12 | 0.6 | 225 | 330 | 0.5 | 4 | 0.10 | < 0.5 | 5 | 22 | 13 | 2.95 | 10 | 1 | 0.23 | 40 | 1.74 | 291 | 7 |
| 88IR21-07 | 299 | 238 | 2.42 | 0.4 | 135 | 320 | 1.0 | 2 | 0.24 | 0.5 | 10 | 53 | 36 | 3.52 | < 10 | < 1 | 0.19 | 40 | 2.04 | 263 | 16 |
| 88IR21-08 | 299 | 238 | 0.67 | 0.2 | 45 | 130 | 0.5 | < 2 | 0.05 | < 0.5 | 4 | 35 | 11 | 2.26 | < 10 | < 1 | 0.05 | < 10 | 0.46 | 186 | 9 |
| 88IR21-09 | 299 | 238 | 1.60 | 0.2 | 50 | 310 | 0.5 | 4 | 0.13 | < 0.5 | 5 | 22 | 9 | 2.28 | 10 | < 1 | 0.34 | 40 | 0.78 | 170 | 3 |

CERTIFICATION : B. Caplin

**Chemex Labs Ltd.**
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
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PHONE (604) 984-0221

To: MARK MANAGEMENT LIMITED
1800 - 999 W. HASTINGS ST.
VANCOUVER, BC
V6C 2W2

Project : DAWSON
Comments: ATTN: SPURLIN ELWARDS & ART TROUP; CC: P. GRUNENBERG

Page No. : 1-B
Total Pages: 2
Date : 21-SEP-88
Invoice # : I-8823169
P.O. # : AOR KDR

# CERTIFICATE OF ANALYSIS A8823169

| SAMPLE DESCRIPTION | PREP CODE | | Na % | Ni ppm | P ppm | Pb ppm | Sb ppm | Sc ppm | Sr ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 88IR20-01 | 299 | 238 | 0.03 | 3 | 170 | 30 | < 5 | 1 | 17 | < 0.01 | < 10 | < 10 | 3 | < 5 | 24 |
| 88IR20-02 | 299 | 238 | 0.02 | 6 | 360 | 24 | < 5 | 2 | 8 | < 0.01 | < 10 | < 10 | 3 | < 5 | 35 |
| 88IR20-03 | 299 | 238 | 0.01 | 8 | 390 | 26 | < 5 | 1 | 6 | < 0.01 | < 10 | < 10 | 1 | < 5 | 42 |
| 88IR20-04 | 299 | 238 | 0.01 | 9 | 350 | 26 | < 5 | 1 | 13 | < 0.01 | < 10 | < 10 | 2 | < 5 | 39 |
| 88IR20-05 | 299 | 238 | 0.01 | 9 | 320 | 30 | < 5 | 2 | 7 | < 0.01 | < 10 | < 10 | 2 | < 5 | 29 |
| 88IR20-06 | 299 | 238 | < 0.01 | 8 | 380 | 34 | < 5 | 2 | 8 | < 0.01 | < 10 | < 10 | 1 | < 5 | 46 |
| 88IR20-07 | 299 | 238 | 0.01 | 8 | 380 | 36 | < 5 | 2 | 14 | < 0.01 | < 10 | < 10 | 1 | < 5 | 47 |
| 88IR20-08 | 299 | 238 | 0.01 | 10 | 390 | 34 | < 5 | 3 | 15 | < 0.01 | < 10 | < 10 | 2 | < 5 | 72 |
| 88IR20-09 | 299 | 238 | 0.01 | 9 | 390 | 16 | < 5 | 3 | 32 | < 0.01 | < 10 | < 10 | 2 | < 5 | 69 |
| 88IR20-10 | 299 | 238 | 0.01 | 11 | 390 | 18 | < 5 | 4 | 23 | < 0.01 | < 10 | < 10 | 3 | < 5 | 68 |
| 88IR20-11 | 299 | 238 | 0.01 | 9 | 340 | 24 | < 5 | 3 | 13 | < 0.01 | < 10 | < 10 | 2 | < 5 | 43 |
| 88IR20-12 | 299 | 238 | < 0.01 | 6 | 70 | 10 | < 5 | < 1 | 14 | < 0.01 | < 10 | < 10 | < 1 | < 5 | 11 |
| 88IR20-13 | 299 | 238 | 0.01 | 7 | 170 | 72 | < 5 | 1 | 4 | < 0.01 | < 10 | < 10 | < 1 | < 5 | 26 |
| 88IR20-14 | 299 | 238 | 0.06 | 6 | 170 | 32 | < 5 | 1 | 9 | < 0.01 | < 10 | < 10 | 1 | < 5 | 20 |
| 88IR20-15 | 299 | 238 | 0.01 | 19 | 380 | 74 | < 5 | 2 | 32 | < 0.01 | < 10 | < 10 | 2 | < 5 | 77 |
| 88IR20-16 | 299 | 238 | 0.02 | 6 | 260 | 20 | < 5 | 3 | 19 | < 0.01 | < 10 | < 10 | 2 | < 5 | 34 |
| 88IR20-17 | 299 | 238 | 0.01 | 7 | 300 | 14 | < 5 | 3 | 10 | < 0.01 | < 10 | < 10 | 2 | < 5 | 30 |
| 88IR20-18 | 299 | 238 | 0.04 | 5 | 260 | 18 | < 5 | 3 | 19 | < 0.01 | < 10 | < 10 | 5 | < 5 | 10 |
| 88IR20-19 | 299 | 238 | 0.01 | 14 | 400 | 18 | 5 | 5 | 21 | < 0.01 | < 10 | < 10 | 5 | < 5 | 80 |
| 88IR20-20 | 299 | 238 | 0.03 | 6 | 160 | 10 | < 5 | 1 | 17 | < 0.01 | < 10 | < 10 | 1 | < 5 | 6 |
| 88IR20-21 | 299 | 238 | 0.01 | 9 | 420 | 26 | < 5 | 4 | 11 | < 0.01 | < 10 | < 10 | 3 | < 5 | 63 |
| 88IR20-22 | 299 | 238 | 0.02 | 7 | 420 | 28 | < 5 | 5 | 12 | < 0.01 | < 10 | < 10 | 4 | < 5 | 27 |
| 88IR20-23 | 299 | 238 | 0.02 | 3 | 310 | 18 | < 5 | 3 | 25 | < 0.01 | < 10 | < 10 | 4 | < 5 | 10 |
| 88IR20-24 | 299 | 238 | 0.01 | 8 | 370 | 24 | < 5 | 4 | 11 | < 0.01 | < 10 | < 10 | 2 | < 5 | 9 |
| 88IR20-25 | 299 | 238 | 0.02 | 7 | 380 | 18 | < 5 | 5 | 52 | < 0.01 | < 10 | < 10 | 4 | < 5 | 13 |
| 88IR20-26 | 299 | 238 | 0.01 | 7 | 330 | 18 | < 5 | 3 | 43 | < 0.01 | < 10 | < 10 | 3 | < 5 | 22 |
| 88IR20-27 | 299 | 238 | 0.01 | 9 | 370 | 10 | < 5 | 4 | 61 | < 0.01 | < 10 | < 10 | 2 | < 5 | 44 |
| 88IR20-28 | 299 | 238 | 0.01 | 10 | 420 | 18 | < 5 | 3 | 18 | < 0.01 | < 10 | < 10 | 2 | < 5 | 57 |
| 88IR20-29 | 299 | 238 | 0.03 | 9 | 230 | 18 | < 5 | 2 | 76 | < 0.01 | < 10 | < 10 | 1 | < 5 | 25 |
| 88IR20-30 | 299 | 238 | 0.01 | 8 | 260 | 52 | < 5 | 1 | 13 | < 0.01 | < 10 | < 10 | 1 | < 5 | 22 |
| 88IR20-31 | 299 | 238 | 0.01 | 8 | 400 | 18 | < 5 | 3 | 29 | < 0.01 | < 10 | < 10 | 3 | < 5 | 36 |
| 88IR21-01 | 299 | 238 | 0.01 | 60 | 860 | 26 | < 5 | 3 | 18 | < 0.01 | < 10 | < 10 | 43 | < 5 | 133 |
| 88IR21-02 | 299 | 238 | 0.01 | 54 | 790 | 34 | < 5 | 2 | 16 | < 0.01 | < 10 | < 10 | 37 | < 5 | 131 |
| 88IR21-03 | 299 | 238 | 0.01 | 57 | 990 | 48 | < 5 | 2 | 18 | < 0.01 | < 10 | < 10 | 42 | < 5 | 136 |
| 88IR21-04 | 299 | 238 | 0.01 | 62 | 860 | 32 | < 5 | 2 | 15 | < 0.01 | < 10 | < 10 | 44 | < 5 | 153 |
| 88IR21-05 | 299 | 238 | < 0.01 | 28 | 150 | 18 | < 5 | < 1 | 3 | < 0.01 | < 10 | < 10 | 8 | < 5 | 40 |
| 88IR21-06 | 299 | 238 | 0.03 | 21 | 350 | 12 | < 5 | 1 | 15 | < 0.01 | < 10 | < 10 | 9 | < 5 | 102 |
| 88IR21-07 | 299 | 238 | 0.02 | 128 | 890 | 32 | < 5 | 3 | 17 | < 0.01 | < 10 | < 10 | 52 | < 5 | 175 |
| 88IR21-08 | 299 | 238 | 0.01 | 47 | 250 | 8 | < 5 | < 1 | 4 | < 0.01 | < 10 | < 10 | 17 | < 5 | 45 |
| 88IR21-09 | 299 | 238 | 0.02 | 23 | 320 | 12 | < 5 | 3 | 13 | < 0.01 | < 10 | < 10 | 4 | < 5 | 69 |

CERTIFICATION : B. Caughlin

# Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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1800 - 999 W. HASTINGS ST.
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V6C 2W2

Project : DAWSON

Comments: ATTN: SPURLIN EDWARDS & ART TROUP; CC: P. GRUNENBERG

P[redacted] No. : 2-A
T[redacted] Pages: 2
Date : 21-SEP-88
Invoice # : I-8823169
P.O. # : AOR KDR

## CERTIFICATE OF ANALYSIS A8823169

| SAMPLE DESCRIPTION | PREP CODE | | Al % | Ag ppm | 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 | Mo ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 88IR21-10 | 299 | 238 | 0.77 | 0.2 | 215 | 300 | < 0.5 | 2 | 0.08 | < 0.5 | 3 | 13 | 3 | 1.73 | < 10 | < 1 | 0.28 | 20 | 0.29 | 204 | 1 |
| 88IR21-11 | 299 | 238 | 1.13 | 0.4 | 460 | 350 | < 0.5 | 4 | 0.24 | 1.0 | 4 | 21 | 8 | 2.04 | < 10 | < 1 | 0.27 | 50 | 0.58 | 402 | 3 |
| 88IR21-12 | 299 | 238 | 1.64 | 0.4 | 380 | 370 | < 0.5 | 6 | 0.96 | 0.5 | 8 | 32 | 25 | 2.90 | < 10 | < 1 | 0.26 | 40 | 1.06 | 400 | 8 |
| 88IR21-13 | 299 | 238 | 0.62 | 0.2 | 145 | 310 | 0.5 | < 2 | 1.37 | 0.5 | 3 | 11 | 7 | 1.32 | 10 | < 1 | 0.29 | 40 | 0.08 | 278 | 1 |
| 88IR21-14 | 299 | 238 | 0.85 | 0.6 | 25 | 260 | 0.5 | 4 | 0.06 | 0.5 | 2 | 14 | 10 | 1.67 | < 10 | < 1 | 0.41 | 40 | 0.11 | 205 | 1 |
| 88IR21-15 | 299 | 238 | 0.53 | 0.4 | 225 | 170 | < 0.5 | 2 | 0.04 | 1.0 | 1 | 14 | 1 | 0.95 | < 10 | < 1 | 0.35 | 30 | 0.06 | 149 | < 1 |
| 88IR21-16 | 299 | 238 | 0.74 | 0.4 | 160 | 220 | 0.5 | 4 | 0.43 | 1.0 | 2 | 14 | 1 | 0.93 | < 10 | < 1 | 0.47 | 40 | 0.07 | 151 | 1 |
| 88IR21-17 | 299 | 238 | 0.89 | < 0.2 | 125 | 310 | < 0.5 | 6 | 0.02 | < 0.5 | 1 | 11 | < 1 | 0.74 | < 10 | < 1 | 0.55 | 30 | 0.12 | 97 | < 1 |
| 88IR21-18 | 299 | 238 | 0.59 | 0.4 | 605 | 250 | 0.5 | 2 | 0.02 | 1.0 | 1 | 8 | < 1 | 0.80 | < 10 | < 1 | 0.47 | 40 | 0.02 | 62 | < 1 |
| 88IR21-19 | 299 | 238 | 0.41 | 0.4 | 505 | 150 | 0.5 | 2 | 0.02 | 1.0 | 1 | 10 | < 1 | 0.72 | < 10 | < 1 | 0.30 | 40 | 0.02 | 68 | < 1 |
| 88IR21-20 | 299 | 238 | 0.31 | 0.4 | 895 | 130 | 0.5 | 2 | 0.03 | 1.5 | 1 | 14 | < 1 | 0.79 | < 10 | < 1 | 0.27 | 40 | 0.01 | 136 | < 1 |
| 88IR21-21 | 299 | 238 | 0.82 | < 0.2 | 250 | 170 | 0.5 | 2 | 0.04 | 0.5 | 1 | 14 | 1 | 1.02 | < 10 | < 1 | 0.44 | 40 | 0.07 | 102 | 1 |
| 88IR21-22 | 299 | 238 | 0.75 | 0.2 | 330 | 190 | 0.5 | 4 | 0.04 | 1.0 | 2 | 13 | 5 | 1.01 | < 10 | < 1 | 0.41 | 40 | 0.08 | 144 | < 1 |
| 88IR21-23 | 299 | 238 | 0.56 | 0.6 | 135 | 110 | 0.5 | 2 | 0.03 | 0.5 | 3 | 14 | 6 | 0.99 | < 10 | < 1 | 0.29 | 40 | 0.07 | 139 | 1 |
| 88IR21-24 | 299 | 238 | 0.66 | 1.8 | 25 | 220 | 0.5 | 2 | 0.19 | 0.5 | 3 | 20 | 30 | 2.32 | < 10 | < 1 | 0.29 | 30 | 0.12 | 402 | 2 |

CERTIFICATION : B. Caplin

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VANCOUVER, BC
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Project : DAWSON
Comments: ATTN: SPURLIN EDWARDS & ART TROUP; CC: P. GRUNENBERG

P[redacted] No. : 2-B
To[redacted] Pages: 2
Date : 21-SEP-88
Invoice # : I-8823169
P.O. # : AOR KDR

## CERTIFICATE OF ANALYSIS A8823169

| SAMPLE DESCRIPTION | PREP CODE | | Na % | Ni ppm | P ppm | Pb ppm | Sb ppm | Sc ppm | Sr ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 88IR21-10 | 299 | 238 | 0.03 | 5 | 250 | 26 | < 5 | 1 | 6 | < 0.01 | < 10 | < 10 | 3 | < 5 | 28 |
| 88IR21-11 | 299 | 238 | 0.02 | 14 | 220 | 16 | < 5 | 2 | 18 | < 0.01 | < 10 | < 10 | 6 | < 5 | 58 |
| 88IR21-12 | 299 | 238 | 0.01 | 45 | 500 | 24 | < 5 | 2 | 37 | < 0.01 | < 10 | < 10 | 21 | < 5 | 99 |
| 88IR21-13 | 299 | 238 | 0.02 | 5 | 300 | 22 | < 5 | 2 | 60 | < 0.01 | < 10 | < 10 | 3 | < 5 | 27 |
| 88IR21-14 | 299 | 238 | 0.01 | 5 | 100 | 80 | < 5 | 1 | 8 | < 0.01 | < 10 | < 10 | 1 | < 5 | 66 |
| 88IR21-15 | 299 | 238 | 0.01 | 4 | 70 | 16 | < 5 | < 1 | 5 | < 0.01 | < 10 | < 10 | < 1 | < 5 | 36 |
| 88IR21-16 | 299 | 238 | 0.01 | 5 | 60 | 22 | < 5 | 1 | 32 | < 0.01 | < 10 | < 10 | < 1 | < 5 | 33 |
| 88IR21-17 | 299 | 238 | 0.02 | 3 | 50 | 22 | < 5 | 1 | 5 | < 0.01 | < 10 | < 10 | < 1 | < 5 | 12 |
| 88IR21-18 | 299 | 238 | 0.02 | 2 | 50 | 18 | < 5 | 1 | 6 | < 0.01 | < 10 | < 10 | < 1 | < 5 | 24 |
| 88IR21-19 | 299 | 238 | 0.01 | 1 | 40 | 20 | < 5 | 1 | 5 | < 0.01 | < 10 | < 10 | < 1 | < 5 | 14 |
| 88IR21-20 | 299 | 238 | 0.01 | 3 | 40 | 44 | < 5 | 1 | 8 | < 0.01 | < 10 | < 10 | < 1 | < 5 | 10 |
| 88IR21-21 | 299 | 238 | < 0.01 | 6 | 70 | 24 | < 5 | 1 | 6 | < 0.01 | < 10 | < 10 | < 1 | < 5 | 28 |
| 88IR21-22 | 299 | 238 | 0.01 | 6 | 90 | 22 | < 5 | 1 | 6 | < 0.01 | < 10 | < 10 | < 1 | < 5 | 35 |
| 88IR21-23 | 299 | 238 | 0.01 | 5 | 140 | 60 | < 5 | 1 | 7 | < 0.01 | < 10 | < 10 | < 1 | < 5 | 65 |
| 88IR21-24 | 299 | 238 | 0.01 | 8 | 240 | 280 | < 5 | 1 | 34 | < 0.01 | < 10 | < 10 | 2 | < 5 | 139 |

CERTIFICATION : B. Caughlin

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Project : DAWSON
Comments: ATTN: SPURLIN EDWARDS & ART TROUP

Page No. : 1
Total Pages: 2
Date : 15-SEP-88
Invoice # : I-8823168
P.O. # : AOR KDR

# CERTIFICATE OF ANALYSIS A8823168

| SAMPLE DESCRIPTION | PREP CODE | | Au tot oz/t | Au - oz/t | Au + mg | Wt. + grams | Wt. - grams |
|---|---|---|---|---|---|---|---|
| 88TR20-01 | 207 | --- | 0.002 | 0.002 | 0.002 | 19.62 | 265 |
| 88TR20-02 | 207 | --- | < 0.002 | 0.002 | < 0.002 | 9.25 | 285 |
| 88TR20-03 | 207 | --- | < 0.002 | < 0.002 | 0.003 | 18.18 | 255 |
| 88TR20-04 | 207 | --- | < 0.002 | 0.002 | < 0.002 | 19.35 | 241 |
| 88TR20-05 | 207 | --- | < 0.002 | < 0.002 | < 0.002 | 16.54 | 258 |
| 88TR20-06 | 207 | --- | < 0.002 | 0.002 | 0.003 | 24.30 | 239 |
| 88TR20-07 | 207 | --- | < 0.002 | 0.002 | 0.002 | 18.46 | 246 |
| 88TR20-08 | 207 | --- | < 0.002 | 0.002 | < 0.002 | 19.33 | 226 |
| 88TR20-09 | 207 | --- | < 0.002 | < 0.002 | < 0.002 | 14.89 | 258 |
| 88TR20-10 | 207 | --- | < 0.002 | < 0.002 | < 0.002 | 18.04 | 236 |
| 88TR20-11 | 207 | --- | < 0.002 | < 0.002 | < 0.002 | 12.40 | 267 |
| 88TR20-12 | 207 | --- | 0.006 | 0.004 | 0.020 | 22.49 | 266 |
| 88TR20-13 | 207 | --- | < 0.002 | < 0.002 | 0.003 | 27.02 | 277 |
| 88TR20-14 | 207 | --- | < 0.002 | < 0.002 | < 0.002 | 11.53 | 328 |
| 88TR20-15 | 207 | --- | < 0.002 | 0.002 | 0.003 | 9.82 | 265 |
| 88TR20-16 | 207 | --- | < 0.002 | 0.002 | < 0.002 | 16.44 | 317 |
| 88TR20-17 | 207 | --- | < 0.002 | 0.002 | < 0.002 | 14.36 | 262 |
| 88TR20-18 | 207 | --- | < 0.002 | 0.002 | 0.003 | 18.41 | 307 |
| 88TR20-19 | 207 | --- | 0.004 | 0.004 | < 0.002 | 12.53 | 273 |
| 88TR20-20 | 207 | --- | < 0.002 | < 0.002 | < 0.002 | 18.71 | 239 |
| 88TR20-21 | 207 | --- | < 0.002 | < 0.002 | < 0.002 | 19.58 | 230 |
| 88TR20-22 | 207 | --- | 0.002 | 0.002 | 0.003 | 19.59 | 258 |
| 88TR20-23 | 207 | --- | 0.002 | 0.002 | 0.004 | 27.34 | 263 |
| 88TR20-24 | 207 | --- | < 0.002 | < 0.002 | 0.004 | 26.82 | 264 |
| 88TR20-25 | 207 | --- | < 0.002 | < 0.002 | < 0.002 | 27.13 | 284 |
| 88TR20-26 | 207 | --- | < 0.002 | < 0.002 | < 0.002 | 32.88 | 257 |
| 88TR20-27 | 207 | --- | 0.006 | 0.006 | < 0.002 | 18.74 | 253 |
| 88TR20-28 | 207 | --- | < 0.002 | < 0.002 | 0.002 | 15.01 | 277 |
| 88TR20-29 | 207 | --- | < 0.002 | < 0.002 | 0.004 | 35.50 | 299 |
| 88TR20-30 | 207 | --- | 0.004 | 0.004 | 0.007 | 44.05 | 258 |
| 88TR20-31 | 207 | --- | 0.004 | 0.004 | < 0.002 | 21.81 | 234 |
| 88TR21-01 | 207 | --- | < 0.002 | < 0.002 | < 0.002 | 16.81 | 255 |
| 88TR21-02 | 207 | --- | < 0.002 | < 0.002 | < 0.002 | 27.93 | 248 |
| 88TR21-03 | 207 | --- | 0.004 | 0.002 | 0.020 | 36.95 | 249 |
| 88TR21-04 | 207 | --- | 0.008 | 0.008 | 0.012 | 35.86 | 254 |
| 88TR21-05 | 207 | --- | 0.002 | 0.002 | 0.002 | 31.98 | 225 |
| 88TR21-06 | 207 | --- | < 0.002 | < 0.002 | < 0.002 | 25.28 | 254 |
| 88TR21-07 | 207 | --- | < 0.002 | < 0.002 | < 0.002 | 32.98 | 243 |
| 88TR21-08 | 207 | --- | < 0.002 | < 0.002 | < 0.002 | 19.28 | 311 |
| 88TR21-09 | 207 | --- | 0.008 | 0.008 | 0.006 | 28.39 | 268 |

ALL ASSAY DETERMINATIONS ARE PERFORMED OR SUPERVISED BY B.C. CERTIFIED ASSAYERS

CERTIFICATION : B. Stewart

# Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221


[redacted]MARK MANAGEMENT LIMITED

1800 - 999 W. HASTINGS ST.
VANCOUVER, BC
V6C 2W2

Project : DAWSON
Comments: ATTN: SPURLIN EDWARDS & ART TROUP

Pag[redacted]. : 2
Tot[redacted]ges: 2
Date : 15-SEP-88
Invoice # : I-8823168
P.O. # : AOR KDR

## CERTIFICATE OF ANALYSIS A8823168

| SAMPLE DESCRIPTION | PREP CODE | | Au tot oz/t | Au - oz/t | Au + mg | Wt. + grams | Wt. - grams |
|---|---|---|---|---|---|---|---|
| 88TR21-10 | 207 | --- | < 0.002 | < 0.002 | 0.013 | 21.73 | 328 |
| 88TR21-11 | 207 | --- | 0.003 | 0.002 | 0.009 | 26.51 | 272 |
| 88TR21-12 | 207 | --- | 0.003 | 0.002 | 0.012 | 23.30 | 285 |
| 88TR21-13 | 207 | --- | 0.005 | 0.006 | < 0.002 | 28.41 | 292 |
| 88TR21-14 | 207 | --- | 0.003 | 0.002 | 0.008 | 22.55 | 252 |
| 88TR21-15 | 207 | --- | < 0.002 | < 0.002 | < 0.002 | 19.88 | 298 |
| 88TR21-16 | 207 | --- | < 0.002 | < 0.002 | < 0.002 | 19.31 | 321 |
| 88TR21-17 | 207 | --- | < 0.002 | < 0.002 | < 0.002 | 7.11 | 332 |
| 88TR21-18 | 207 | --- | < 0.002 | < 0.002 | 0.003 | 11.00 | 301 |
| 88TR21-19 | 207 | --- | < 0.002 | < 0.002 | < 0.002 | 15.40 | 313 |
| 88TR21-20 | 207 | --- | < 0.002 | 0.002 | < 0.002 | 17.87 | 313 |
| 88TR21-21 | 207 | --- | 0.005 | 0.004 | 0.015 | 27.96 | 273 |
| 88TR21-22 | 207 | --- | 0.002 | 0.002 | 0.003 | 30.98 | 281 |
| 88TR21-23 | 207 | --- | < 0.002 | < 0.002 | < 0.002 | 28.46 | 223 |
| 88TR21-24 | 207 | --- | < 0.002 | < 0.002 | < 0.002 | 25.21 | 223 |

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CERTIFICATION : B. Edwards

**Chemex Labs Ltd.**
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BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

[redacted] MARK MANAGEMENT LIMITED
1800 - 999 W. HASTINGS ST.
VANCOUVER, BC
V6C 2W2

Project : DAW-REEF
Comments: ATTN: S. ELWARDS / A. TROUP CC: P. GRUNENBERG

Pa[redacted]o. : 1-A
To[redacted]ages: 1
Date : 27-SEP-88
Invoice # : I-8823774
P.O. # : AOR KDR

# CERTIFICATE OF ANALYSIS A8823774

| SAMPLE DESCRIPTION | PREP CODE | | Au oz/T | Al % | Ag ppm | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 88IR22-01 | 207 | 238 | < 0.002 | 1.01 | 1.0 | 30 | 270 | < 0.5 | 2 | 0.28 | < 0.5 | 7 | 9 | 13 | 1.48 | < 10 | 1 | 0.48 | 30 | 0.46 | 160 |
| 88IR22-02 | 207 | 238 | < 0.002 | 1.03 | 1.0 | < 5 | 140 | < 0.5 | < 2 | 0.13 | < 0.5 | 6 | 9 | 8 | 1.50 | < 10 | < 1 | 0.41 | 30 | 0.58 | 144 |
| 88IR22-03 | 207 | 238 | < 0.002 | 0.50 | 0.6 | 45 | 130 | < 0.5 | 2 | 1.48 | < 0.5 | 4 | 12 | 5 | 1.60 | 10 | < 1 | 0.14 | 10 | 0.45 | 412 |
| 88IR22-04 | 207 | 238 | < 0.002 | 0.83 | 0.8 | 40 | 130 | < 0.5 | 2 | 0.46 | < 0.5 | 6 | 8 | 5 | 1.24 | < 10 | 2 | 0.37 | 40 | 0.46 | 190 |
| 88IR22-05 | 207 | 238 | < 0.002 | 0.99 | 0.8 | 35 | 180 | < 0.5 | < 2 | 0.62 | < 0.5 | 4 | 9 | 3 | 1.50 | < 10 | 3 | 0.43 | 40 | 0.49 | 245 |
| 88IR22-06 | 207 | 238 | < 0.002 | 0.28 | 0.4 | 180 | 110 | < 0.5 | < 2 | 2.14 | < 0.5 | 5 | 12 | 7 | 1.81 | 10 | 1 | 0.12 | < 10 | 0.18 | 518 |
| 88IR22-07 | 207 | 238 | < 0.002 | 0.81 | 1.0 | 5 | 280 | < 0.5 | < 2 | 1.15 | < 0.5 | 5 | 6 | 6 | 1.51 | 10 | < 1 | 0.40 | 40 | 0.31 | 259 |
| 88IR22-08 | 207 | 238 | < 0.002 | 0.66 | 0.8 | 5 | 2160 | < 0.5 | < 2 | 1.69 | < 0.5 | 6 | 8 | 5 | 1.61 | 10 | < 1 | 0.38 | 30 | 0.64 | 561 |
| 88IR22-09 | 207 | 238 | < 0.002 | 0.69 | 1.0 | < 5 | 4550 | < 0.5 | 2 | 0.42 | < 0.5 | 4 | 8 | 2 | 1.17 | < 10 | 3 | 0.42 | 40 | 0.21 | 272 |
| 88IR22-10 | 207 | 238 | < 0.002 | 0.74 | 1.0 | 90 | 1140 | < 0.5 | < 2 | 0.10 | < 0.5 | 3 | 7 | 1 | 1.15 | < 10 | 2 | 0.45 | 60 | 0.08 | 440 |
| 88IR22-11 | 207 | 238 | < 0.002 | 0.59 | 0.6 | 110 | 180 | 0.5 | 2 | 0.08 | < 0.5 | 1 | 4 | 1 | 0.77 | < 10 | < 1 | 0.42 | 50 | 0.07 | 146 |
| 88IR22-12 | 207 | 238 | 0.002 | 0.80 | 1.0 | 595 | 190 | < 0.5 | 2 | 0.04 | 0.5 | 3 | 7 | 2 | 1.19 | < 10 | < 1 | 0.40 | 30 | 0.09 | 61 |
| 88IR22-13 | 207 | 238 | 0.006 | 1.06 | 1.8 | 1375 | 350 | 1.0 | 2 | 0.07 | 0.5 | 8 | 8 | 6 | 2.41 | < 10 | 2 | 0.48 | 30 | 0.12 | 417 |
| 88IR22-14 | 207 | 238 | < 0.002 | 0.97 | 1.6 | 265 | 300 | < 0.5 | < 2 | 0.03 | < 0.5 | 2 | 5 | 2 | 1.15 | < 10 | < 1 | 0.41 | 40 | 0.10 | 117 |
| 88IR22-15 | 207 | 238 | < 0.002 | 0.76 | 2.0 | 105 | 290 | < 0.5 | < 2 | 0.02 | < 0.5 | 1 | 3 | 2 | 0.53 | < 10 | 1 | 0.35 | 40 | 0.06 | 49 |

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CERTIFICATION : B. Caughlin

**Chemex Labs Ltd.**
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

[redacted]MARK MANAGEMENT LIMITED
1800 - 999 W. HASTINGS ST.
VANCOUVER, BC
V6C 2W2
Project : DAW-REEF
Comments: ATTN: S. EDWARDS / A. TROUP CC: P. GRUNENBERG

Pa[redacted]. : 1-B
Tot[redacted]ages: 1
Date : 27-SEP-88
Invoice # : I-8823774
P.O. # : AOR KDR

# CERTIFICATE OF ANALYSIS A8823774

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 88IR22-01 | 207 | 238 | < 1 | 0.01 | 7 | 350 | 22 | < 5 | 2 | 48 | < 0.01 | < 10 | < 10 | 5 | < 5 | 42 |
| 88IR22-02 | 207 | 238 | < 1 | 0.01 | 5 | 350 | 12 | < 5 | 2 | 47 | < 0.01 | < 10 | < 10 | 5 | < 5 | 49 |
| 88IR22-03 | 207 | 238 | < 1 | < 0.01 | 7 | 140 | 20 | 5 | 2 | 95 | < 0.01 | < 10 | < 10 | 3 | < 5 | 37 |
| 88IR22-04 | 207 | 238 | < 1 | 0.01 | 5 | 290 | 12 | < 5 | 1 | 50 | < 0.01 | < 10 | < 10 | 4 | < 5 | 43 |
| 88IR22-05 | 207 | 238 | < 1 | 0.01 | 5 | 290 | 18 | < 5 | 2 | 63 | < 0.01 | < 10 | < 10 | 5 | < 5 | 41 |
| 88IR22-06 | 207 | 238 | < 1 | 0.01 | 9 | 160 | 4 | 5 | 1 | 31 | < 0.01 | < 10 | < 10 | 2 | < 5 | 30 |
| 88IR22-07 | 207 | 238 | < 1 | 0.02 | 5 | 210 | 12 | < 5 | 3 | 161 | < 0.01 | < 10 | < 10 | 1 | < 5 | 44 |
| 88IR22-08 | 207 | 238 | < 1 | 0.01 | 6 | 200 | 16 | < 5 | 2 | 167 | < 0.01 | < 10 | < 10 | 2 | < 5 | 44 |
| 88IR22-09 | 207 | 238 | < 1 | < 0.01 | 5 | 160 | 18 | < 5 | 2 | 61 | < 0.01 | < 10 | < 10 | < 1 | < 5 | 25 |
| 88IR22-10 | 207 | 238 | < 1 | < 0.01 | 5 | 230 | 24 | < 5 | 2 | 43 | < 0.01 | < 10 | < 10 | < 1 | < 5 | 28 |
| 88IR22-11 | 207 | 238 | 1 | < 0.01 | 4 | 200 | 14 | < 5 | 1 | 28 | < 0.01 | < 10 | < 10 | < 1 | < 5 | 19 |
| 88IR22-12 | 207 | 238 | 5 | < 0.01 | 4 | 80 | 14 | < 5 | 2 | 14 | < 0.01 | < 10 | < 10 | 1 | < 5 | 25 |
| 88IR22-13 | 207 | 238 | 15 | < 0.01 | 5 | 180 | 10 | 5 | 2 | 14 | < 0.01 | < 10 | < 10 | 5 | < 5 | 55 |
| 88IR22-14 | 207 | 238 | 2 | 0.01 | 3 | 70 | 22 | < 5 | 3 | 9 | < 0.01 | < 10 | < 10 | < 1 | < 5 | 39 |
| 88IR22-15 | 207 | 238 | < 1 | 0.03 | 1 | 70 | 14 | < 5 | 2 | 5 | < 0.01 | < 10 | < 10 | < 1 | < 5 | 11 |

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CERTIFICATION : B. Caughlin

# Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE. NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221


To: MARK MANAGEMENT LIMITED

1800 - 999 W. HASTINGS ST.
VANCOUVER, BC
V6C 2W2

Project : DAWSON-REEF
Comments: ATTN: S. EDWARD, ART TROUP CC: P. GRUNENBERG

Page No. : 1-A
Total Pages: 1
Date : 21-OCT-88
Invoice # : I-8825673
P.O. # : AOR-KDR

## CERTIFICATE OF ANALYSIS A8825673

| SAMPLE DESCRIPTION | PREP CODE | | Au ppb FA+AA | Al % | Ag ppm | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 88 TR23-S1 | 201 | 238 | 45 | 0.33 | 0.2 | 315 | 190 | < 0.5 | < 2 | 0.28 | < 0.5 | 3 | 1 | 4 | 1.09 | 10 | < 1 | 0.14 | 70 | 0.09 | 496 |
| 88 TR23-S2 | 201 | 238 | 40 | 0.45 | 0.2 | 460 | 190 | < 0.5 | < 2 | 0.17 | < 0.5 | 3 | 5 | 6 | 1.18 | 10 | < 1 | 0.15 | 70 | 0.13 | 465 |
| 88 TR23-S3 | 201 | 238 | 35 | 0.64 | 0.2 | 435 | 170 | < 0.5 | 2 | 0.37 | < 0.5 | 3 | 4 | 5 | 1.40 | 10 | < 1 | 0.16 | 90 | 0.32 | 470 |
| 88 TR23-S4 | 201 | 238 | 25 | 0.67 | 0.2 | 670 | 230 | < 0.5 | < 2 | 0.28 | < 0.5 | 8 | 8 | 11 | 1.75 | 10 | < 1 | 0.17 | 90 | 0.26 | 700 |
| 88 TR23-S5 | 201 | 238 | 65 | 0.49 | 0.2 | 635 | 170 | < 0.5 | < 2 | 0.15 | < 0.5 | 3 | 1 | 5 | 1.22 | 10 | < 1 | 0.18 | 70 | 0.13 | 290 |

CERTIFICATION : B. Caughlin

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MARK MANAGEMENT LIMITED
1800 - 999 W. HASTINGS ST.
VANCOUVER, BC
V6C 2W2

Project : DAWSON-REEF
Comments: ATTN: S EDWARD, ART TROUP CC: P GRUNENBERG

Page No. : 1-B
Total Pages: 1
Date : 21-OCT-88
Invoice # : I-8825673
P.O. # : AOR-KDR

# CERTIFICATE OF ANALYSIS A8825673

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 88 TR23-S1 | 201 | 238 | < 1 | < 0.01 | < 1 | 290 | 52 | < 5 | 2 | 16 | < 0.01 | < 10 | < 10 | < 1 | < 5 | 20 |
| 88 TR23-S2 | 201 | 238 | < 1 | < 0.01 | < 1 | 340 | 48 | < 5 | 2 | 9 | < 0.01 | < 10 | < 10 | < 1 | < 5 | 24 |
| 88 TR23-S3 | 201 | 238 | < 1 | < 0.01 | 3 | 370 | 50 | < 5 | 2 | 26 | < 0.01 | < 10 | < 10 | 1 | < 5 | 37 |
| 88 TR23-S4 | 201 | 238 | < 1 | < 0.01 | 7 | 450 | 36 | < 5 | 3 | 19 | < 0.01 | < 10 | < 10 | 3 | < 5 | 44 |
| 88 TR23-S5 | 201 | 238 | < 1 | < 0.01 | 3 | 400 | 44 | < 5 | 2 | 12 | < 0.01 | < 10 | < 10 | 1 | < 5 | 27 |

CERTIFICATION : B. Caughlin

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PHONE (604) 984-0221

: MARK MANAGEMENT LIMITED
1800 - 999 W. HASTINGS ST.
VANCOUVER, BC
V6C 2W2
Project : DAWSON-REEF
Comments: ATTN: S. EDWARDS, ART TROUP CC: P. GRUNENBERG

P No. : 1-A
Pages: 1
Date : 24-OCT-88
Invoice # : I-8825672
P.O. # : AGR-KDR

# CERTIFICATE OF ANALYSIS A8825672

| SAMPLE DESCRIPTION | PREP CODE | | Au oz/T | Al % | Ag ppm | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 88PG 48 | 207 | 238 | < 0.002 | 0.70 | 0.2 | 50 | 110 | < 0.5 | < 2 | 0.95 | < 0.5 | 8 | 10 | 4 | 1.35 | < 10 | 1 | 0.13 | 40 | 0.63 | 203 |
| 88PG 49 | 207 | 238 | < 0.002 | 0.38 | < 0.2 | 35 | 130 | 0.5 | < 2 | 0.80 | < 0.5 | < 1 | 10 | 3 | 1.13 | < 10 | < 1 | 0.17 | 30 | 0.13 | 152 |
| 88PG 50 | 207 | 238 | < 0.002 | 0.39 | 0.4 | 315 | 150 | 0.5 | < 2 | 0.18 | < 0.5 | 5 | 10 | 3 | 1.26 | < 10 | < 1 | 0.17 | 30 | 0.13 | 145 |
| 88PG 51 | 207 | 238 | < 0.002 | 0.29 | 0.4 | 30 | 40 | < 0.5 | < 2 | 0.41 | < 0.5 | 5 | 16 | 3 | 1.12 | < 10 | < 1 | 0.05 | 10 | 0.26 | 125 |
| 88PG 52 | 207 | 238 | < 0.002 | 0.54 | 0.4 | 190 | 130 | 0.5 | 2 | 0.13 | < 0.5 | 5 | 10 | 6 | 1.92 | < 10 | 1 | 0.19 | 20 | 0.19 | 128 |
| 88PG 53 | 207 | 238 | 0.002 | 0.33 | 0.6 | 620 | 140 | < 0.5 | < 2 | 0.10 | < 0.5 | 5 | 9 | 5 | 1.19 | < 10 | < 1 | 0.22 | 30 | 0.03 | 100 |

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CERTIFICATION : B. Cargo

**Chemex Labs Ltd.**
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212 BROOKSBANK AVE., NORTH VANCOUVER,
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PHONE (604) 984-0221

[redacted]: MARK MANAGEMENT LIMITED
1800 - 999 W. HASTINGS ST.
VANCOUVER, BC
V6C 2W2
Project : DAWSON-REEF
Comments: ATTN: S. EDWARDS, ART TROUP CC: P. GRUNENBERG

[redacted] No. : 1-B
[redacted] Pages: 1
Date : 24-OCT-88
Invoice # : I-8825672
P.O. # : AGR-KDR

# CERTIFICATE OF ANALYSIS A8825672

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 88PG 48 | 207 | 238 | < 1 | 0.01 | 5 | 310 | 8 | < 5 | 2 | 64 | < 0.01 | < 10 | < 10 | 4 | < 5 | 37 |
| 88PG 49 | 207 | 238 | < 1 | 0.01 | 4 | 190 | 24 | < 5 | 2 | 62 | < 0.01 | < 10 | < 10 | 2 | < 5 | 12 |
| 88PG 50 | 207 | 238 | < 1 | 0.02 | 5 | 240 | 20 | < 5 | 1 | 9 | < 0.01 | < 10 | < 10 | 2 | < 5 | 15 |
| 88PG 51 | 207 | 238 | < 1 | 0.01 | 8 | 140 | 6 | < 5 | < 1 | 20 | < 0.01 | < 10 | < 10 | 1 | < 5 | 20 |
| 88PG 52 | 207 | 238 | < 1 | 0.01 | 4 | 300 | 22 | < 5 | 1 | 12 | < 0.01 | < 10 | < 10 | 4 | < 5 | 17 |
| 88PG 53 | 207 | 238 | 1 | 0.01 | 2 | 300 | 32 | < 5 | 1 | 6 | < 0.01 | < 10 | < 10 | 1 | < 5 | 10 |

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CERTIFICATION : D. Grant

**Chemex Labs Ltd.**
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BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

[redacted]MARK MANAGEMENT LIMITED
1800 - 999 W. HASTINGS ST.
VANCOUVER, BC
V6C 2W2
Project : DAWSON-REEF
Comments: ATTN: ART TROUP CC: PERRY GRUNENBERG

Pa[redacted]o. : 1-A
Tot[redacted]Pages: 7
Date : 15-JUL-88
Invoice # : I-8818345
P.O. # : ADR-KDR

# CERTIFICATE OF ANALYSIS A8818345

| SAMPLE DESCRIPTION | PREP CODE | | Au ppb FA+AA | Al % | Ag ppm | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L15E 00+00S | 201 | 238 | 10 | 0.62 | 0.4 | 200 | 210 | < 0.5 | < 2 | 0.10 | < 0.5 | 3 | 4 | 7 | 1.14 | < 10 | < 1 | 0.18 | 40 | 0.15 | 311 |
| L15E 00+50S | 201 | 238 | 15 | 1.36 | 0.6 | 215 | 340 | 0.5 | < 2 | 0.14 | < 0.5 | 3 | 12 | 11 | 1.80 | 10 | < 1 | 0.13 | 70 | 0.26 | 332 |
| L15E 01+00S | 201 | 238 | 20 | 0.85 | 0.4 | 140 | 240 | < 0.5 | < 2 | 0.10 | < 0.5 | 3 | 10 | 8 | 1.33 | < 10 | < 1 | 0.12 | 60 | 0.11 | 163 |
| L15E 01+50S | 201 | 238 | 5 | 0.79 | 0.2 | 120 | 230 | < 0.5 | < 2 | 0.12 | < 0.5 | 3 | 7 | 8 | 1.17 | 10 | < 1 | 0.15 | 70 | 0.15 | 1805 |
| L15E 02+00S | 201 | 238 | 45 | 2.16 | 2.4 | 190 | 510 | 0.5 | < 2 | 0.25 | < 0.5 | 6 | 18 | 23 | 2.62 | 10 | < 1 | 0.16 | 150 | 0.23 | 227 |
| L15E 02+50S | 201 | 238 | < 5 | 1.11 | 0.2 | 45 | 180 | 0.5 | < 2 | 0.12 | < 0.5 | 3 | 15 | 11 | 1.66 | < 10 | 1 | 0.08 | 30 | 0.19 | 140 |
| L15E 03+00S | 201 | 238 | < 5 | 1.26 | < 0.2 | 50 | 150 | < 0.5 | < 2 | 0.12 | < 0.5 | 5 | 17 | 7 | 1.88 | < 10 | < 1 | 0.07 | 30 | 0.27 | 132 |
| L15E 03+50S | 201 | 238 | < 5 | 0.87 | < 0.2 | 25 | 130 | < 0.5 | < 2 | 0.07 | < 0.5 | 2 | 9 | 3 | 0.86 | < 10 | < 1 | 0.09 | 20 | 0.12 | 58 |
| L15E 04+00S | 201 | 238 | < 5 | 1.50 | < 0.2 | 65 | 160 | < 0.5 | < 2 | 0.08 | < 0.5 | 5 | 19 | 8 | 2.00 | < 10 | < 1 | 0.07 | 30 | 0.27 | 167 |
| L15E 04+50S | 201 | 238 | < 5 | 1.05 | 0.2 | 95 | 170 | < 0.5 | < 2 | 0.10 | < 0.5 | 3 | 15 | 7 | 1.56 | < 10 | < 1 | 0.11 | 30 | 0.24 | 141 |
| L15E 05+00S | 201 | 238 | 5 | 1.13 | < 0.2 | 105 | 180 | < 0.5 | < 2 | 0.08 | < 0.5 | 3 | 11 | 6 | 1.43 | < 10 | < 1 | 0.10 | 30 | 0.22 | 119 |
| L15E 05+50S | 201 | 238 | < 5 | 0.65 | 0.2 | 50 | 150 | < 0.5 | < 2 | 0.05 | < 0.5 | 1 | 5 | 4 | 0.67 | < 10 | < 1 | 0.08 | 20 | 0.06 | 47 |
| L15E 06+00S | 201 | 238 | < 5 | 1.10 | < 0.2 | 80 | 240 | < 0.5 | < 2 | 0.15 | < 0.5 | 3 | 15 | 10 | 1.46 | < 10 | < 1 | 0.08 | 20 | 0.28 | 267 |
| L15E 06+50S | 201 | 238 | < 5 | 1.20 | < 0.2 | 110 | 130 | < 0.5 | < 2 | 0.09 | < 0.5 | 5 | 17 | 7 | 2.15 | < 10 | 1 | 0.06 | 20 | 0.32 | 198 |
| L15E 07+00S | 201 | 238 | < 5 | 1.23 | < 0.2 | 100 | 170 | < 0.5 | < 2 | 0.14 | < 0.5 | 7 | 15 | 10 | 1.96 | < 10 | < 1 | 0.08 | 20 | 0.40 | 294 |
| L15E 07+50S | 201 | 238 | < 5 | 1.49 | 0.2 | 90 | 260 | < 0.5 | < 2 | 0.21 | < 0.5 | 7 | 23 | 14 | 2.13 | < 10 | < 1 | 0.10 | 30 | 0.50 | 203 |
| L15E 08+00S | 201 | 238 | < 5 | 1.29 | < 0.2 | 85 | 300 | 0.5 | 2 | 0.24 | < 0.5 | 8 | 22 | 16 | 2.05 | < 10 | < 1 | 0.09 | 30 | 0.51 | 247 |
| L15E 08+50S | 201 | 238 | < 5 | 1.43 | < 0.2 | 95 | 310 | 0.5 | < 2 | 0.28 | 0.5 | 7 | 24 | 17 | 2.16 | < 10 | < 1 | 0.09 | 30 | 0.54 | 210 |
| L15E 09+00S | 201 | 238 | 5 | 1.46 | < 0.2 | 105 | 260 | 0.5 | < 2 | 0.29 | < 0.5 | 8 | 25 | 18 | 2.26 | < 10 | < 1 | 0.11 | 30 | 0.54 | 239 |
| L15E 09+50S | 201 | 238 | 10 | 1.78 | < 0.2 | 175 | 270 | 0.5 | < 2 | 0.21 | < 0.5 | 8 | 28 | 16 | 2.46 | < 10 | < 1 | 0.11 | 30 | 0.56 | 219 |
| L15E 10+00S | 201 | 238 | 5 | 1.86 | < 0.2 | 185 | 220 | 0.5 | < 2 | 0.21 | 0.5 | 11 | 37 | 15 | 2.66 | < 10 | < 1 | 0.11 | 30 | 0.96 | 255 |
| L16E 00+00S | 201 | 238 | 5 | 1.49 | 0.6 | 200 | 360 | 0.5 | < 2 | 0.50 | < 0.5 | 9 | 12 | 8 | 1.68 | < 10 | < 1 | 0.15 | 50 | 0.64 | 361 |
| L16E 00+50S | 201 | 238 | 10 | 0.80 | 0.6 | 140 | 150 | < 0.5 | < 2 | 0.17 | < 0.5 | 2 | 7 | 6 | 0.96 | < 10 | < 1 | 0.14 | 50 | 0.12 | 55 |
| L16E 01+00S | 201 | 238 | < 5 | 0.53 | 0.2 | 115 | 80 | < 0.5 | < 2 | 0.05 | < 0.5 | 3 | 6 | 6 | 0.96 | < 10 | < 1 | 0.12 | 40 | 0.11 | 128 |
| L16E 01+50S | 201 | 238 | < 5 | 0.83 | 0.2 | 140 | 130 | < 0.5 | 2 | 0.07 | < 0.5 | 3 | 9 | 9 | 1.48 | < 10 | < 1 | 0.09 | 40 | 0.18 | 238 |
| L16E 02+00S | 201 | 238 | < 5 | 0.96 | < 0.2 | 50 | 150 | < 0.5 | < 2 | 0.11 | < 0.5 | 3 | 13 | 9 | 1.45 | < 10 | < 1 | 0.06 | 30 | 0.26 | 143 |
| L16E 02+25S | 201 | 238 | < 5 | 1.44 | < 0.2 | 80 | 170 | < 0.5 | < 2 | 0.09 | < 0.5 | 8 | 20 | 12 | 2.19 | < 10 | < 1 | 0.07 | 30 | 0.31 | 236 |
| L16E 02+50S | 201 | 238 | < 5 | 0.80 | 0.2 | 100 | 110 | < 0.5 | < 2 | 0.04 | < 0.5 | 4 | 8 | 7 | 1.28 | < 10 | < 1 | 0.10 | 50 | 0.14 | 204 |
| L16E 03+00S | 201 | 238 | < 5 | 1.17 | 0.2 | 85 | 180 | < 0.5 | < 2 | 0.09 | < 0.5 | 3 | 13 | 9 | 1.46 | < 10 | < 1 | 0.11 | 40 | 0.22 | 297 |
| L16E 03+50S | 201 | 238 | < 5 | 0.93 | 0.6 | 70 | 130 | < 0.5 | < 2 | 0.07 | < 0.5 | 3 | 12 | 8 | 1.36 | < 10 | < 1 | 0.10 | 30 | 0.17 | 124 |
| L16E 04+00S | 201 | 238 | < 5 | 1.14 | < 0.2 | 60 | 130 | < 0.5 | < 2 | 0.11 | < 0.5 | 3 | 15 | 4 | 1.53 | < 10 | 1 | 0.09 | 20 | 0.23 | 114 |
| L16E 04+50S | 201 | 238 | < 5 | 1.29 | < 0.2 | 55 | 160 | < 0.5 | < 2 | 0.12 | < 0.5 | 4 | 12 | 6 | 1.64 | < 10 | < 1 | 0.08 | 20 | 0.41 | 157 |
| L16E 05+00S | 201 | 238 | 15 | 1.06 | 0.6 | 180 | 210 | < 0.5 | < 2 | 0.09 | < 0.5 | 3 | 10 | 8 | 1.37 | < 10 | < 1 | 0.10 | 40 | 0.21 | 132 |
| L16E 05+50S | 201 | 238 | < 5 | 1.60 | 0.4 | 70 | 160 | < 0.5 | < 2 | 0.13 | < 0.5 | 7 | 20 | 11 | 2.21 | < 10 | < 1 | 0.08 | 20 | 0.40 | 184 |
| L16E 06+00S | 201 | 238 | < 5 | 1.06 | 0.2 | 110 | 170 | < 0.5 | < 2 | 0.14 | < 0.5 | 5 | 11 | 9 | 1.56 | < 10 | < 1 | 0.09 | 30 | 0.39 | 232 |
| L16E 06+50S | 201 | 238 | < 5 | 1.47 | < 0.2 | 70 | 160 | < 0.5 | < 2 | 0.14 | < 0.5 | 7 | 19 | 12 | 1.92 | < 10 | < 1 | 0.09 | 40 | 0.45 | 198 |
| L16E 07+00S | 201 | 238 | < 5 | 1.26 | 0.2 | 105 | 220 | < 0.5 | < 2 | 0.14 | 0.5 | 8 | 15 | 8 | 1.76 | < 10 | 1 | 0.11 | 20 | 0.43 | 261 |
| L16E 07+50S | 201 | 238 | < 5 | 1.41 | 0.2 | 90 | 270 | < 0.5 | < 2 | 0.23 | < 0.5 | 6 | 19 | 12 | 1.91 | < 10 | < 1 | 0.12 | 30 | 0.47 | 198 |
| L16E 08+00S | 201 | 238 | < 5 | 1.23 | 0.2 | 90 | 220 | < 0.5 | < 2 | 0.18 | < 0.5 | 6 | 17 | 11 | 1.81 | < 10 | < 1 | 0.08 | 20 | 0.47 | 182 |
| L16E 08+50S | 201 | 238 | 5 | 1.30 | < 0.2 | 95 | 220 | < 0.5 | < 2 | 0.20 | < 0.5 | 6 | 20 | 13 | 1.93 | < 10 | 1 | 0.07 | 20 | 0.45 | 163 |

CERTIFICATION : BC

**Chemex Labs Ltd.**
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Comments: ATTN: ART TROUP CC: PERRY GRUNENBERG

Pag[illegible]. : 1-B
Tot. Pages: 7
Date : 15-JUL-88
Invoice # : I-8818345
P.O. # : ADR-KDR

# CERTIFICATE OF ANALYSIS A8818345

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L15E 00+00S | 201 | 238 | < 1 | < 0.01 | 4 | 220 | 24 | < 5 | 2 | 9 | < 0.01 | < 10 | < 10 | 6 | < 5 | 35 |
| L15E 00+50S | 201 | 238 | < 1 | 0.01 | 6 | 390 | 30 | < 5 | 4 | 14 | 0.01 | < 10 | < 10 | 17 | < 5 | 54 |
| L15E 01+00S | 201 | 238 | < 1 | 0.01 | 7 | 310 | 16 | < 5 | 2 | 13 | 0.02 | < 10 | < 10 | 19 | < 5 | 28 |
| L15E 01+50S | 201 | 238 | < 1 | < 0.01 | 7 | 250 | 30 | < 5 | 2 | 11 | 0.01 | < 10 | < 10 | 12 | < 5 | 38 |
| L15E 02+00S | 201 | 238 | < 1 | 0.01 | 13 | 960 | 62 | < 5 | 7 | 26 | 0.02 | < 10 | < 10 | 24 | < 5 | 52 |
| L15E 02+50S | 201 | 238 | < 1 | 0.01 | 5 | 480 | 30 | < 5 | 1 | 13 | 0.02 | < 10 | < 10 | 28 | < 5 | 30 |
| L15E 03+00S | 201 | 238 | < 1 | 0.01 | 7 | 170 | 8 | < 5 | 2 | 11 | 0.05 | < 10 | < 10 | 36 | < 5 | 32 |
| L15E 03+50S | 201 | 238 | < 1 | < 0.01 | 4 | 80 | 14 | < 5 | 1 | 8 | 0.02 | < 10 | < 10 | 17 | < 5 | 14 |
| L15E 04+00S | 201 | 238 | < 1 | < 0.01 | 8 | 110 | 10 | < 5 | 2 | 9 | 0.05 | < 10 | < 10 | 36 | < 5 | 32 |
| L15E 04+50S | 201 | 238 | < 1 | 0.01 | 11 | 150 | 18 | < 5 | 2 | 9 | 0.04 | < 10 | < 10 | 27 | < 5 | 33 |
| L15E 05+00S | 201 | 238 | < 1 | < 0.01 | 6 | 100 | 12 | < 5 | 2 | 8 | 0.03 | < 10 | < 10 | 23 | < 5 | 28 |
| L15E 05+50S | 201 | 238 | < 1 | < 0.01 | 4 | 170 | 4 | < 5 | < 1 | 6 | 0.01 | < 10 | < 10 | 12 | < 5 | 15 |
| L15E 06+00S | 201 | 238 | < 1 | 0.01 | 7 | 700 | 12 | < 5 | < 1 | 15 | 0.01 | < 10 | < 10 | 24 | < 5 | 36 |
| L15E 06+50S | 201 | 238 | < 1 | 0.01 | 9 | 290 | 4 | < 5 | 2 | 9 | 0.03 | < 10 | < 10 | 39 | < 5 | 37 |
| L15E 07+00S | 201 | 238 | < 1 | 0.01 | 13 | 590 | 8 | < 5 | 2 | 12 | 0.03 | < 10 | < 10 | 31 | < 5 | 42 |
| L15E 07+50S | 201 | 238 | < 1 | 0.01 | 13 | 400 | 4 | < 5 | 3 | 19 | 0.07 | < 10 | < 10 | 38 | < 5 | 50 |
| L15E 08+00S | 201 | 238 | < 1 | 0.01 | 19 | 400 | 16 | < 5 | 4 | 20 | 0.07 | < 10 | < 10 | 36 | < 5 | 51 |
| L15E 08+50S | 201 | 238 | < 1 | 0.01 | 18 | 420 | 14 | < 5 | 4 | 22 | 0.08 | < 10 | < 10 | 40 | < 5 | 55 |
| L15E 09+00S | 201 | 238 | < 1 | 0.01 | 18 | 570 | 8 | < 5 | 4 | 23 | 0.08 | < 10 | < 10 | 42 | < 5 | 62 |
| L15E 09+50S | 201 | 238 | < 1 | 0.01 | 17 | 360 | 18 | < 5 | 4 | 17 | 0.08 | < 10 | < 10 | 44 | < 5 | 57 |
| L15E 10+00S | 201 | 238 | < 1 | 0.01 | 16 | 370 | 18 | < 5 | 4 | 18 | 0.10 | < 10 | < 10 | 49 | < 5 | 62 |
| L16E 00+00S | 201 | 238 | < 1 | 0.01 | 7 | 550 | 20 | < 5 | 4 | 34 | 0.01 | < 10 | < 10 | 18 | < 5 | 48 |
| L16E 00+50S | 201 | 238 | < 1 | < 0.01 | 4 | 220 | 20 | < 5 | 2 | 14 | 0.01 | < 10 | < 10 | 11 | < 5 | 28 |
| L16E 01+00S | 201 | 238 | < 1 | < 0.01 | 6 | 160 | 18 | < 5 | 1 | 5 | 0.01 | < 10 | < 10 | 9 | < 5 | 29 |
| L16E 01+50S | 201 | 238 | < 1 | < 0.01 | 10 | 230 | 6 | < 5 | 2 | 8 | 0.02 | < 10 | < 10 | 19 | < 5 | 42 |
| L16E 02+00S | 201 | 238 | < 1 | < 0.01 | 9 | 260 | 8 | < 5 | 2 | 9 | 0.04 | < 10 | < 10 | 24 | < 5 | 32 |
| L16E 02+25S | 201 | 238 | < 1 | 0.01 | 15 | 160 | 20 | < 5 | 4 | 10 | 0.05 | < 10 | < 10 | 36 | < 5 | 38 |
| L16E 02+50S | 201 | 238 | < 1 | 0.01 | 5 | 120 | 28 | < 5 | 2 | 5 | 0.01 | < 10 | < 10 | 14 | < 5 | 28 |
| L16E 03+00S | 201 | 238 | < 1 | 0.01 | 8 | 160 | 16 | < 5 | 2 | 9 | 0.03 | < 10 | < 10 | 23 | < 5 | 30 |
| L16E 03+50S | 201 | 238 | < 1 | 0.01 | 7 | 260 | 10 | < 5 | 1 | 7 | 0.02 | < 10 | < 10 | 23 | < 5 | 24 |
| L16E 04+00S | 201 | 238 | < 1 | 0.01 | 3 | 130 | 16 | < 5 | 2 | 11 | 0.06 | < 10 | < 10 | 35 | < 5 | 25 |
| L16E 04+50S | 201 | 238 | < 1 | 0.01 | 10 | 110 | 2 | < 5 | 3 | 13 | 0.04 | < 10 | < 10 | 23 | < 5 | 40 |
| L16E 05+00S | 201 | 238 | < 1 | 0.01 | 7 | 170 | 26 | < 5 | 2 | 10 | 0.02 | < 10 | < 10 | 18 | < 5 | 34 |
| L16E 05+50S | 201 | 238 | < 1 | 0.01 | 16 | 120 | 4 | < 5 | 3 | 13 | 0.07 | < 10 | < 10 | 38 | < 5 | 41 |
| L16E 06+00S | 201 | 238 | < 1 | < 0.01 | 9 | 320 | 8 | < 5 | 3 | 13 | 0.02 | < 10 | < 10 | 17 | < 5 | 40 |
| L16E 06+50S | 201 | 238 | < 1 | 0.01 | 12 | 210 | 12 | < 5 | 3 | 14 | 0.05 | < 10 | < 10 | 31 | < 5 | 43 |
| L16E 07+00S | 201 | 238 | < 1 | 0.01 | 9 | 350 | 8 | < 5 | 2 | 13 | 0.04 | < 10 | < 10 | 29 | < 5 | 42 |
| L16E 07+50S | 201 | 238 | < 1 | 0.01 | 13 | 470 | 2 | < 5 | 2 | 20 | 0.07 | < 10 | < 10 | 35 | < 5 | 46 |
| L16E 08+00S | 201 | 238 | < 1 | 0.01 | 12 | 350 | 4 | < 5 | 2 | 14 | 0.06 | < 10 | < 10 | 29 | < 5 | 45 |
| L16E 08+50S | 201 | 238 | < 1 | 0.01 | 11 | 410 | 12 | < 5 | 2 | 15 | 0.06 | < 10 | < 10 | 34 | < 5 | 51 |

CERTIFICATION :

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V6C 2W2
Project : DAWSON-REEF
Comments: ATTN: ART TROUP CC: PERRY GRUNENBERG

Page No. : 2-A
Tot. Pages: 7
Date : 15-JUL-88
Invoice # : I-8818345
P.O. # : ADR-KDR

# CERTIFICATE OF ANALYSIS A8818345

| SAMPLE DESCRIPTION | PREP CODE | | Au ppb FA+AA | Al % | Ag ppm | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L16E 09+00S | 201 | 238 | < 5 | 1.51 | 0.2 | 65 | 300 | < 0.5 | < 2 | 0.27 | < 0.5 | 8 | 26 | 19 | 2.43 | < 10 | < 1 | 0.08 | 30 | 0.54 | 199 |
| L16E 09+50S | 201 | 238 | 10 | 1.74 | < 0.2 | 180 | 230 | < 0.5 | 2 | 0.21 | < 0.5 | 9 | 31 | 16 | 2.46 | < 10 | < 1 | 0.13 | 30 | 0.75 | 207 |
| L16E 10+00S | 201 | 238 | < 5 | 1.66 | < 0.2 | 180 | 260 | < 0.5 | 2 | 0.19 | < 0.5 | 6 | 26 | 14 | 2.39 | < 10 | < 1 | 0.12 | 20 | 0.50 | 167 |
| L17E 00+00S | 201 | 238 | < 5 | 1.39 | 0.2 | 60 | 320 | < 0.5 | 2 | 0.29 | < 0.5 | 7 | 17 | 10 | 2.08 | < 10 | < 1 | 0.09 | 30 | 0.48 | 428 |
| L17E 00+50S | 201 | 238 | < 5 | 1.47 | 0.4 | 40 | 380 | < 0.5 | < 2 | 0.51 | < 0.5 | 5 | 14 | 9 | 1.79 | < 10 | < 1 | 0.11 | 40 | 0.54 | 199 |
| L17E 01+00S | 201 | 238 | < 5 | 1.37 | 0.4 | 115 | 250 | < 0.5 | 2 | 0.16 | < 0.5 | 8 | 16 | 11 | 2.17 | < 10 | 2 | 0.17 | 40 | 0.45 | 458 |
| L17E 01+50S | 201 | 238 | < 5 | 1.25 | 0.2 | 155 | 200 | < 0.5 | < 2 | 0.13 | < 0.5 | 7 | 11 | 9 | 1.94 | < 10 | < 1 | 0.11 | 30 | 0.55 | 449 |
| L17E 02+00S | 201 | 238 | < 5 | 1.28 | 0.4 | 85 | 200 | < 0.5 | < 2 | 0.11 | < 0.5 | < 1 | 10 | 5 | 1.48 | < 10 | < 1 | 0.12 | 30 | 0.39 | 107 |
| L17E 02+50S | 201 | 238 | < 5 | 2.02 | 0.4 | 65 | 240 | 0.5 | 2 | 0.12 | < 0.5 | 7 | 26 | 16 | 2.45 | < 10 | 1 | 0.09 | 30 | 0.38 | 191 |
| L17E 03+00S | 201 | 238 | < 5 | 1.00 | 0.4 | 310 | 170 | < 0.5 | < 2 | 0.04 | < 0.5 | < 1 | 8 | 7 | 1.51 | < 10 | < 1 | 0.13 | 50 | 0.11 | 83 |
| L17E 03+50S | 201 | 238 | < 5 | 1.29 | 0.4 | 40 | 160 | < 0.5 | < 2 | 0.08 | < 0.5 | < 1 | 15 | 6 | 1.67 | < 10 | < 1 | 0.07 | 20 | 0.21 | 109 |
| L17E 04+00S | 201 | 238 | 5 | 1.32 | 0.4 | 250 | 130 | < 0.5 | 2 | 0.09 | < 0.5 | 4 | 15 | 7 | 2.00 | < 10 | < 1 | 0.09 | 30 | 0.25 | 228 |
| L17E 04+50S | 201 | 238 | < 5 | 1.31 | 0.6 | 145 | 190 | 0.5 | < 2 | 0.12 | < 0.5 | 1 | 15 | 8 | 1.79 | < 10 | < 1 | 0.12 | 30 | 0.25 | 225 |
| L17E 05+00S | 201 | 238 | 15 | 1.14 | 0.6 | 105 | 190 | < 0.5 | < 2 | 0.11 | < 0.5 | 1 | 11 | 5 | 1.45 | < 10 | < 1 | 0.12 | 30 | 0.25 | 155 |
| L17E 05+50S | 201 | 238 | 5 | 1.32 | 0.4 | 75 | 190 | 0.5 | 2 | 0.11 | < 0.5 | 1 | 14 | 8 | 1.60 | < 10 | 1 | 0.11 | 30 | 0.26 | 132 |
| L17E 06+00S | 201 | 238 | < 5 | 1.58 | 0.4 | 55 | 220 | < 0.5 | < 2 | 0.15 | < 0.5 | 6 | 21 | 10 | 2.03 | < 10 | < 1 | 0.09 | 30 | 0.38 | 180 |
| L17E 06+50S | 201 | 238 | < 5 | 1.35 | 0.4 | 95 | 280 | < 0.5 | < 2 | 0.15 | < 0.5 | 4 | 16 | 8 | 1.70 | < 10 | < 1 | 0.12 | 30 | 0.33 | 202 |
| L17E 07+00S | 201 | 238 | < 5 | 1.81 | 0.6 | 75 | 310 | < 0.5 | 2 | 0.21 | < 0.5 | 7 | 22 | 12 | 2.12 | < 10 | < 1 | 0.13 | 30 | 0.51 | 145 |
| L17E 07+50S | 201 | 238 | < 5 | 1.84 | 0.4 | 115 | 400 | 0.5 | < 2 | 0.25 | < 0.5 | 8 | 24 | 14 | 2.20 | < 10 | < 1 | 0.11 | 30 | 0.56 | 199 |
| L17E 08+00S | 201 | 238 | < 5 | 1.60 | 0.4 | 90 | 320 | < 0.5 | < 2 | 0.23 | < 0.5 | 7 | 21 | 12 | 2.00 | < 10 | < 1 | 0.11 | 30 | 0.49 | 163 |
| L17E 08+50S | 201 | 238 | < 5 | 1.77 | 0.4 | 155 | 340 | < 0.5 | 2 | 0.24 | < 0.5 | 8 | 24 | 17 | 2.35 | < 10 | < 1 | 0.14 | 30 | 0.56 | 181 |
| L17E 09+00S | 201 | 238 | 50 | 1.67 | 0.2 | 225 | 230 | 0.5 | 2 | 0.16 | < 0.5 | 8 | 29 | 12 | 2.36 | < 10 | 1 | 0.14 | 30 | 0.78 | 219 |
| L17E 09+50S | 201 | 238 | < 5 | 1.70 | 0.2 | 125 | 310 | 0.5 | < 2 | 0.14 | < 0.5 | 6 | 22 | 15 | 2.04 | < 10 | < 1 | 0.14 | 20 | 0.36 | 139 |
| L17E 10+00S | 201 | 238 | 5 | 1.62 | 0.4 | 155 | 180 | < 0.5 | 2 | 0.22 | < 0.5 | 5 | 22 | 10 | 2.12 | < 10 | < 1 | 0.11 | 30 | 0.42 | 150 |
| L18E 00+00S | 201 | 238 | < 5 | 1.78 | 0.2 | 600 | 520 | 0.5 | 2 | 0.29 | 0.5 | 7 | 26 | 16 | 2.61 | < 10 | < 1 | 0.25 | 60 | 0.58 | 240 |
| L18E 00+50S | 201 | 238 | < 5 | 2.03 | 0.4 | 145 | 300 | 0.5 | < 2 | 0.20 | < 0.5 | 9 | 40 | 17 | 2.63 | < 10 | < 1 | 0.14 | 30 | 0.67 | 232 |
| L18E 01+00S | 201 | 238 | < 5 | 1.92 | 0.4 | 165 | 480 | 0.5 | 2 | 0.28 | < 0.5 | 10 | 27 | 21 | 2.67 | < 10 | < 1 | 0.18 | 50 | 0.56 | 282 |
| L18E 01+50S | 201 | 238 | < 5 | 1.76 | 0.2 | 725 | 360 | 0.5 | 2 | 0.16 | < 0.5 | 9 | 24 | 23 | 2.34 | < 10 | < 1 | 0.32 | 60 | 0.62 | 220 |
| L18E 02+00S | 201 | 238 | 15 | 1.64 | 0.2 | 170 | 200 | < 0.5 | 2 | 0.14 | < 0.5 | 5 | 13 | 10 | 1.97 | < 10 | < 1 | 0.15 | 30 | 0.69 | 120 |
| L18E 02+50S | 201 | 238 | < 5 | 1.99 | 0.2 | 30 | 270 | 0.5 | 4 | 0.12 | < 0.5 | 7 | 25 | 14 | 2.35 | < 10 | < 1 | 0.14 | 40 | 0.48 | 207 |
| L18E 03+00S | 201 | 238 | 10 | 2.86 | 0.2 | 60 | 250 | 1.0 | 2 | 0.11 | < 0.5 | 7 | 30 | 15 | 3.46 | < 10 | < 1 | 0.11 | 30 | 0.52 | 235 |
| L18E 03+50S | 201 | 238 | < 5 | 1.83 | 0.2 | 110 | 190 | < 0.5 | 2 | 0.11 | 0.5 | 5 | 20 | 8 | 2.31 | < 10 | < 1 | 0.14 | 30 | 0.35 | 166 |
| L18E 04+00S | 201 | 238 | 5 | 2.16 | 0.2 | 125 | 230 | 0.5 | 2 | 0.13 | < 0.5 | 7 | 26 | 14 | 2.43 | < 10 | < 1 | 0.10 | 40 | 0.41 | 202 |
| L18E 04+50S | 201 | 238 | < 5 | 1.44 | 0.2 | 85 | 170 | < 0.5 | < 2 | 0.12 | < 0.5 | 4 | 16 | 9 | 1.77 | < 10 | < 1 | 0.10 | 30 | 0.30 | 140 |
| L18E 05+00S | 201 | 238 | 20 | 1.14 | 0.2 | 110 | 150 | < 0.5 | 2 | 0.12 | < 0.5 | 1 | 13 | 9 | 1.54 | < 10 | 1 | 0.11 | 30 | 0.25 | 224 |
| L18E 05+50S | 201 | 238 | 5 | 1.05 | < 0.2 | 65 | 170 | < 0.5 | < 2 | 0.06 | < 0.5 | < 1 | 15 | 9 | 1.36 | < 10 | < 1 | 0.08 | 30 | 0.25 | 141 |
| L18E 06+00S | 201 | 238 | < 5 | 1.40 | < 0.2 | 30 | 220 | < 0.5 | < 2 | 0.13 | < 0.5 | < 1 | 16 | 8 | 1.50 | < 10 | < 1 | 0.08 | 30 | 0.29 | 92 |
| L18E 06+50S | 201 | 238 | < 5 | 1.47 | 0.4 | 65 | 330 | < 0.5 | < 2 | 0.15 | < 0.5 | 1 | 17 | 8 | 1.53 | < 10 | 3 | 0.10 | 30 | 0.30 | 128 |
| L18E 07+00S | 201 | 238 | < 5 | 1.63 | 0.2 | 60 | 420 | 0.5 | < 2 | 0.18 | < 0.5 | 5 | 21 | 11 | 1.86 | < 10 | < 1 | 0.10 | 30 | 0.43 | 106 |
| L18E 07+50S | 201 | 238 | 5 | 1.78 | 0.6 | 95 | 370 | 0.5 | 2 | 0.25 | < 0.5 | 7 | 24 | 12 | 2.06 | < 10 | < 1 | 0.11 | 30 | 0.50 | 167 |

CERTIFICATION :

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Comments: ATTN: ART TROUP CC: PERRY GRUNENBERG

Pag[redacted]. : 2-B
Tot. Pages: 7
Date : 15-JUL-88
Invoice # : I-8818345
P.O. # : ADR-KDR

# CERTIFICATE OF ANALYSIS A8818345

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L16E 09+00S | 201 | 238 | < 1 | 0.01 | 18 | 490 | 8 | < 5 | 4 | 22 | 0.08 | < 10 | < 10 | 44 | < 5 | 56 |
| L16E 09+50S | 201 | 238 | < 1 | 0.01 | 16 | 380 | 10 | < 5 | 4 | 18 | 0.08 | < 10 | < 10 | 41 | < 5 | 55 |
| L16E 10+00S | 201 | 238 | < 1 | 0.01 | 13 | 390 | 14 | < 5 | 3 | 19 | 0.07 | < 10 | < 10 | 42 | < 5 | 48 |
| L17E 00+00S | 201 | 238 | < 1 | 0.01 | 13 | 460 | 18 | < 5 | 3 | 23 | 0.04 | < 10 | < 10 | 32 | < 5 | 49 |
| L17E 00+50S | 201 | 238 | 1 | 0.01 | 9 | 490 | 10 | < 5 | 3 | 43 | 0.02 | < 10 | < 10 | 23 | < 5 | 45 |
| L17E 01+00S | 201 | 238 | < 1 | 0.01 | 11 | 360 | 14 | < 5 | 3 | 14 | 0.03 | < 10 | < 10 | 28 | < 5 | 46 |
| L17E 01+50S | 201 | 238 | < 1 | 0.01 | 8 | 380 | 16 | < 5 | 2 | 8 | 0.01 | < 10 | < 10 | 19 | < 5 | 43 |
| L17E 02+00S | 201 | 238 | < 1 | 0.01 | 6 | 210 | 4 | < 5 | 2 | 8 | 0.02 | < 10 | < 10 | 20 | < 5 | 31 |
| L17E 02+50S | 201 | 238 | 1 | 0.01 | 14 | 150 | 18 | < 5 | 3 | 13 | 0.06 | < 10 | < 10 | 43 | < 5 | 38 |
| L17E 03+00S | 201 | 238 | < 1 | 0.01 | 5 | 130 | 12 | < 5 | 2 | 6 | 0.01 | < 10 | < 10 | 17 | < 5 | 26 |
| L17E 03+50S | 201 | 238 | < 1 | 0.01 | 6 | 110 | 10 | < 5 | 2 | 9 | 0.04 | < 10 | < 10 | 33 | < 5 | 25 |
| L17E 04+00S | 201 | 238 | 1 | 0.01 | 8 | 140 | 12 | < 5 | 3 | 10 | 0.03 | < 10 | < 10 | 32 | < 5 | 39 |
| L17E 04+50S | 201 | 238 | < 1 | 0.01 | 8 | 180 | 14 | < 5 | 3 | 13 | 0.03 | < 10 | < 10 | 30 | < 5 | 34 |
| L17E 05+00S | 201 | 238 | < 1 | 0.01 | 5 | 120 | 14 | < 5 | 2 | 12 | 0.02 | < 10 | < 10 | 22 | < 5 | 30 |
| L17E 05+50S | 201 | 238 | < 1 | 0.01 | 7 | 90 | 28 | < 5 | 2 | 12 | 0.03 | < 10 | < 10 | 25 | < 5 | 35 |
| L17E 06+00S | 201 | 238 | < 1 | 0.01 | 11 | 130 | 18 | < 5 | 3 | 16 | 0.06 | < 10 | < 10 | 39 | < 5 | 39 |
| L17E 06+50S | 201 | 238 | < 1 | 0.01 | 6 | 310 | 10 | < 5 | 3 | 18 | 0.04 | < 10 | < 10 | 33 | < 5 | 39 |
| L17E 07+00S | 201 | 238 | < 1 | 0.01 | 14 | 440 | 14 | < 5 | 4 | 19 | 0.06 | < 10 | < 10 | 39 | < 5 | 49 |
| L17E 07+50S | 201 | 238 | < 1 | 0.01 | 16 | 410 | 10 | < 5 | 4 | 22 | 0.07 | < 10 | < 10 | 42 | < 5 | 54 |
| L17E 08+00S | 201 | 238 | < 1 | 0.01 | 13 | 370 | 10 | < 5 | 3 | 21 | 0.06 | < 10 | < 10 | 37 | < 5 | 49 |
| L17E 08+50S | 201 | 238 | 1 | 0.01 | 15 | 440 | 6 | < 5 | 3 | 21 | 0.06 | < 10 | < 10 | 42 | < 5 | 60 |
| L17E 09+00S | 201 | 238 | 1 | 0.01 | 12 | 290 | 14 | < 5 | 4 | 15 | 0.06 | < 10 | < 10 | 38 | < 5 | 51 |
| L17E 09+50S | 201 | 238 | < 1 | 0.01 | 11 | 460 | 12 | < 5 | 2 | 16 | 0.04 | < 10 | < 10 | 38 | < 5 | 41 |
| L17E 10+00S | 201 | 238 | < 1 | 0.01 | 12 | 320 | 10 | < 5 | 3 | 19 | 0.07 | < 10 | < 10 | 45 | < 5 | 46 |
| L18E 00+00S | 201 | 238 | < 1 | 0.01 | 15 | 440 | 16 | < 5 | 6 | 55 | 0.04 | < 10 | < 10 | 38 | < 5 | 63 |
| L18E 00+50S | 201 | 238 | 1 | 0.01 | 22 | 360 | 14 | < 5 | 5 | 22 | 0.06 | < 10 | < 10 | 51 | < 5 | 56 |
| L18E 01+00S | 201 | 238 | < 1 | 0.01 | 19 | 360 | 22 | < 5 | 7 | 26 | 0.06 | < 10 | < 10 | 46 | < 5 | 56 |
| L18E 01+50S | 201 | 238 | 4 | 0.01 | 28 | 590 | 26 | < 5 | 3 | 17 | 0.01 | < 10 | < 10 | 30 | < 5 | 74 |
| L18E 02+00S | 201 | 238 | 1 | 0.01 | 9 | 320 | 16 | < 5 | 3 | 13 | 0.02 | < 10 | < 10 | 25 | < 5 | 46 |
| L18E 02+50S | 201 | 238 | < 1 | 0.01 | 13 | 120 | 8 | < 5 | 4 | 14 | 0.05 | < 10 | < 10 | 41 | < 5 | 40 |
| L18E 03+00S | 201 | 238 | 1 | 0.01 | 13 | 220 | 12 | < 5 | 5 | 12 | 0.06 | < 10 | < 10 | 53 | < 5 | 50 |
| L18E 03+50S | 201 | 238 | < 1 | 0.01 | 7 | 150 | 18 | < 5 | 3 | 11 | 0.04 | < 10 | < 10 | 43 | < 5 | 36 |
| L18E 04+00S | 201 | 238 | < 1 | 0.01 | 13 | 120 | 14 | < 5 | 5 | 15 | 0.07 | < 10 | < 10 | 45 | < 5 | 43 |
| L18E 04+50S | 201 | 238 | 1 | 0.01 | 9 | 100 | 18 | < 5 | 3 | 13 | 0.05 | < 10 | < 10 | 31 | < 5 | 34 |
| L18E 05+00S | 201 | 238 | < 1 | 0.01 | 8 | 120 | 16 | < 5 | 2 | 12 | 0.04 | < 10 | < 10 | 27 | < 5 | 32 |
| L18E 05+50S | 201 | 238 | < 1 | 0.01 | 6 | 60 | 10 | < 5 | 2 | 10 | 0.02 | < 10 | < 10 | 22 | < 5 | 28 |
| L18E 06+00S | 201 | 238 | < 1 | 0.01 | 6 | 140 | 2 | < 5 | 3 | 15 | 0.04 | < 10 | < 10 | 30 | < 5 | 30 |
| L18E 06+50S | 201 | 238 | < 1 | 0.01 | 8 | 500 | 14 | < 5 | 3 | 18 | 0.02 | < 10 | < 10 | 23 | < 5 | 32 |
| L18E 07+00S | 201 | 238 | < 1 | 0.01 | 10 | 400 | 8 | < 5 | 3 | 18 | 0.04 | < 10 | < 10 | 35 | < 5 | 40 |
| L18E 07+50S | 201 | 238 | < 1 | 0.01 | 14 | 400 | 8 | < 5 | 4 | 23 | 0.06 | < 10 | < 10 | 42 | < 5 | 48 |

CERTIFICATION : BC

**Chemex Labs Ltd.**
Analytical Chemists * Geochemists * Registered Assayers
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[redacted]MARK MANAGEMENT LIMITED
1800 - 999 W. HASTINGS ST.
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V6C 2W2
Project : DAWSON-REEF
Comments: ATTN: ART TROUP CC: PERRY GRUNENBERG

Pa[redacted]. :3-A
Tot[redacted]ages: 7
Date :15-JUL-88
Invoice # :I-8818345
P.O. # :ADR-KDR

# CERTIFICATE OF ANALYSIS A8818345

| SAMPLE DESCRIPTION | PREP CODE | | Au ppb FA+AA | Al % | Ag ppm | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L18E 08+00S | 201 | 238 | 5 | 1.71 | 0.2 | 80 | 290 | 0.5 | 2 | 0.27 | < 0.5 | 6 | 23 | 12 | 2.14 | < 10 | 2 | 0.14 | 30 | 0.58 | 169 |
| L18E 08+50S | 201 | 238 | 10 | 1.93 | 0.4 | 180 | 450 | 0.5 | 2 | 0.23 | 0.5 | 8 | 26 | 18 | 2.39 | < 10 | < 1 | 0.15 | 30 | 0.57 | 190 |
| L18E 09+00S | 201 | 238 | < 5 | 1.27 | 0.2 | 170 | 220 | < 0.5 | < 2 | 0.16 | < 0.5 | 7 | 18 | 9 | 1.96 | < 10 | < 1 | 0.11 | 30 | 0.43 | 226 |
| L18E 09+50S | 201 | 238 | < 5 | 1.41 | 0.2 | 120 | 200 | < 0.5 | < 2 | 0.15 | < 0.5 | 5 | 18 | 12 | 1.98 | < 10 | < 1 | 0.08 | 20 | 0.35 | 157 |
| L18E 10+00S | 201 | 238 | < 5 | 1.27 | 0.2 | 215 | 280 | 0.5 | < 2 | 0.20 | < 0.5 | 7 | 19 | 13 | 2.05 | < 10 | < 1 | 0.13 | 30 | 0.47 | 227 |
| L19E 00+00S | 201 | 238 | 5 | 0.99 | 0.2 | 250 | 170 | < 0.5 | < 2 | 0.10 | < 0.5 | < 1 | 14 | 12 | 1.44 | < 10 | < 1 | 0.08 | 40 | 0.21 | 110 |
| L19E 00+50S | 201 | 238 | 5 | 0.82 | 0.2 | 385 | 210 | < 0.5 | 2 | 0.11 | < 0.5 | < 1 | 14 | 11 | 1.31 | < 10 | < 1 | 0.09 | 50 | 0.21 | 141 |
| L19E 01+00S | 201 | 238 | < 5 | 1.41 | 0.2 | 40 | 150 | < 0.5 | 4 | 0.14 | < 0.5 | 6 | 20 | 12 | 1.85 | < 10 | < 1 | 0.07 | 30 | 0.33 | 121 |
| L19E 01+50S | 201 | 238 | < 5 | 1.41 | 0.2 | 5 | 200 | < 0.5 | 2 | 0.16 | 0.5 | 6 | 21 | 12 | 1.81 | < 10 | < 1 | 0.08 | 40 | 0.35 | 134 |
| L19E 02+00S | 201 | 238 | < 5 | 1.16 | 0.2 | 50 | 130 | 0.5 | < 2 | 0.09 | < 0.5 | < 1 | 13 | 9 | 1.17 | < 10 | < 1 | 0.09 | 40 | 0.20 | 62 |
| L19E 02+50S | 201 | 238 | < 5 | 0.98 | 0.2 | 35 | 130 | < 0.5 | 2 | 0.02 | < 0.5 | < 1 | 9 | 7 | 0.97 | < 10 | < 1 | 0.11 | 50 | 0.11 | 57 |
| L19E 03+00S | 201 | 238 | < 5 | 1.21 | 0.2 | 15 | 160 | < 0.5 | < 2 | 0.09 | < 0.5 | < 1 | 13 | 6 | 1.67 | < 10 | < 1 | 0.11 | 30 | 0.24 | 147 |
| L19E 03+50S | 201 | 238 | < 5 | 2.11 | 0.2 | 150 | 200 | < 0.5 | 4 | 0.12 | < 0.5 | 9 | 27 | 19 | 3.15 | < 10 | < 1 | 0.09 | 20 | 0.48 | 259 |
| L19E 04+00S | 201 | 238 | < 5 | 1.04 | 0.4 | 135 | 220 | < 0.5 | < 2 | 0.12 | < 0.5 | < 1 | 10 | 7 | 1.37 | < 10 | < 1 | 0.13 | 40 | 0.31 | 116 |
| L19E 04+50S | 201 | 238 | 10 | 1.27 | 0.2 | 105 | 170 | < 0.5 | 4 | 0.13 | < 0.5 | 5 | 17 | 7 | 1.77 | < 10 | < 1 | 0.09 | 30 | 0.31 | 133 |
| L19E 05+00S | 201 | 238 | 10 | 1.55 | 0.2 | 165 | 170 | < 0.5 | 2 | 0.14 | < 0.5 | 5 | 18 | 7 | 2.21 | < 10 | < 1 | 0.10 | 30 | 0.32 | 186 |
| L19E 05+50S | 201 | 238 | < 5 | 0.82 | 0.2 | 55 | 150 | < 0.5 | < 2 | 0.10 | < 0.5 | < 1 | 8 | 5 | 0.94 | < 10 | < 1 | 0.15 | 20 | 0.12 | 144 |
| L19E 06+00S | 201 | 238 | < 5 | 1.30 | 0.2 | 40 | 220 | < 0.5 | 2 | 0.16 | < 0.5 | 1 | 14 | 6 | 1.46 | < 10 | < 1 | 0.07 | 30 | 0.36 | 90 |
| L19E 06+50S | 201 | 238 | 5 | 1.45 | 0.2 | 90 | 270 | < 0.5 | 2 | 0.16 | < 0.5 | 5 | 17 | 12 | 2.02 | < 10 | < 1 | 0.10 | 30 | 0.42 | 165 |
| L19E 07+00S | 201 | 238 | < 5 | 1.49 | 0.2 | 75 | 290 | < 0.5 | < 2 | 0.20 | < 0.5 | 5 | 18 | 11 | 2.00 | < 10 | < 1 | 0.09 | 30 | 0.55 | 128 |
| L19E 07+50S | 201 | 238 | < 5 | 1.29 | 0.4 | 60 | 310 | < 0.5 | < 2 | 0.18 | < 0.5 | 5 | 16 | 10 | 1.69 | < 10 | < 1 | 0.08 | 20 | 0.40 | 123 |
| L19E 08+00S | 201 | 238 | 15 | 1.47 | 0.4 | 115 | 320 | < 0.5 | < 2 | 0.16 | < 0.5 | 8 | 20 | 11 | 1.93 | < 10 | < 1 | 0.11 | 20 | 0.51 | 219 |
| L19E 08+50S | 201 | 238 | 5 | 1.02 | 0.2 | 235 | 160 | < 0.5 | 2 | 0.11 | < 0.5 | 6 | 11 | 7 | 1.77 | < 10 | < 1 | 0.17 | 30 | 0.44 | 142 |
| L19E 09+00S | 201 | 238 | 10 | 1.17 | 0.2 | 160 | 210 | 0.5 | 2 | 0.15 | < 0.5 | 6 | 16 | 10 | 1.82 | < 10 | 1 | 0.14 | 30 | 0.40 | 195 |
| L19E 09+50S | 201 | 238 | 15 | 1.40 | 0.2 | 185 | 190 | < 0.5 | < 2 | 0.17 | < 0.5 | 6 | 19 | 10 | 2.07 | < 10 | < 1 | 0.09 | 30 | 0.41 | 193 |
| L19E 10+00S | 201 | 238 | < 5 | 1.54 | 0.2 | 195 | 250 | < 0.5 | < 2 | 0.16 | < 0.5 | 6 | 18 | 11 | 1.99 | < 10 | < 1 | 0.13 | 30 | 0.46 | 140 |
| L20E 00+00S | 201 | 238 | < 5 | 1.26 | 0.2 | 30 | 180 | < 0.5 | < 2 | 0.14 | < 0.5 | 5 | 18 | 10 | 1.64 | < 10 | 1 | 0.11 | 40 | 0.31 | 123 |
| L20E 00+50S | 201 | 238 | < 5 | 0.55 | 0.2 | 50 | 110 | < 0.5 | < 2 | 0.05 | < 0.5 | < 1 | 9 | 7 | 0.81 | < 10 | < 1 | 0.11 | 30 | 0.12 | 113 |
| L20E 01+00S | 201 | 238 | < 5 | 1.53 | 0.2 | 30 | 170 | < 0.5 | 2 | 0.09 | < 0.5 | 5 | 19 | 8 | 2.10 | < 10 | < 1 | 0.07 | 30 | 0.29 | 109 |
| L20E 01+50S | 201 | 238 | 10 | 1.85 | 0.2 | 90 | 170 | < 0.5 | 2 | 0.12 | < 0.5 | 9 | 25 | 11 | 2.96 | < 10 | < 1 | 0.06 | 20 | 0.42 | 226 |
| L20E 02+00S | 201 | 238 | < 5 | 0.89 | 0.2 | 45 | 170 | < 0.5 | < 2 | 0.05 | < 0.5 | < 1 | 6 | 4 | 1.06 | < 10 | < 1 | 0.09 | 30 | 0.10 | 57 |
| L20E 02+50S | 201 | 238 | < 5 | 1.01 | 0.2 | 50 | 170 | < 0.5 | 2 | 0.03 | < 0.5 | < 1 | 7 | 5 | 1.18 | < 10 | < 1 | 0.11 | 50 | 0.15 | 52 |
| L20E 03+00S | 201 | 238 | < 5 | 1.76 | 0.2 | 15 | 210 | 0.5 | 4 | 0.16 | < 0.5 | 8 | 29 | 23 | 2.71 | < 10 | < 1 | 0.06 | 30 | 0.50 | 205 |
| L20E 03+50S | 201 | 238 | < 5 | 0.54 | 0.2 | 65 | 180 | < 0.5 | 2 | 0.09 | < 0.5 | < 1 | 6 | 4 | 0.50 | < 10 | < 1 | 0.12 | 40 | 0.10 | 30 |
| L20E 04+00S | 201 | 238 | < 5 | 1.05 | 0.2 | 35 | 170 | 0.5 | 2 | 0.08 | < 0.5 | < 1 | 15 | 11 | 1.38 | < 10 | < 1 | 0.08 | 30 | 0.26 | 94 |
| L20E 04+50S | 201 | 238 | < 5 | 1.01 | 0.2 | 120 | 270 | < 0.5 | < 2 | 0.19 | < 0.5 | < 1 | 10 | 8 | 1.39 | < 10 | < 1 | 0.12 | 30 | 0.28 | 169 |
| L20E 05+00S | 201 | 238 | < 5 | 1.21 | 0.2 | 180 | 220 | < 0.5 | < 2 | 0.10 | < 0.5 | < 1 | 12 | 8 | 1.50 | < 10 | < 1 | 0.09 | 30 | 0.20 | 91 |
| L20E 05+50S | 201 | 238 | < 5 | 1.21 | 0.2 | 60 | 190 | < 0.5 | < 2 | 0.14 | < 0.5 | 1 | 14 | 7 | 1.62 | < 10 | < 1 | 0.06 | 30 | 0.45 | 107 |
| L20E 06+00S | 201 | 238 | < 5 | 1.22 | 0.2 | 80 | 180 | < 0.5 | < 2 | 0.16 | < 0.5 | 6 | 15 | 8 | 1.96 | < 10 | < 1 | 0.08 | 20 | 0.43 | 196 |
| L20E 06+50S | 201 | 238 | 10 | 1.38 | 0.2 | 100 | 270 | < 0.5 | < 2 | 0.18 | < 0.5 | 5 | 17 | 9 | 1.82 | < 10 | < 1 | 0.08 | 30 | 0.42 | 102 |

CERTIFICATION :

# Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221


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1800 - 999 W. HASTINGS ST.
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Project : DAWSON-REEF
Comments: ATTN: ART TROUP CC: PERRY GRUNENBERG

Pa[redacted]o. : 3-B
Tot. Pages: 7
Date : 15-JUL-88
Invoice # : I-8818345
P.O. # : ADR-KDR

## CERTIFICATE OF ANALYSIS A8818345

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L18E 08+00S | 201 | 238 | < 1 | 0.01 | 13 | 450 | 20 | < 5 | 3 | 23 | 0.08 | < 10 | < 10 | 41 | < 5 | 56 |
| L18E 08+50S | 201 | 238 | < 1 | 0.01 | 12 | 480 | 22 | < 5 | 3 | 24 | 0.04 | < 10 | < 10 | 36 | < 5 | 63 |
| L18E 09+00S | 201 | 238 | < 1 | 0.01 | 10 | 340 | 12 | < 5 | 2 | 14 | 0.05 | < 10 | < 10 | 32 | < 5 | 47 |
| L18E 09+50S | 201 | 238 | < 1 | 0.01 | 10 | 290 | 16 | < 5 | 2 | 14 | 0.05 | < 10 | < 10 | 38 | < 5 | 43 |
| L18E 10+00S | 201 | 238 | 1 | 0.01 | 13 | 370 | 16 | < 5 | 3 | 18 | 0.06 | < 10 | < 10 | 34 | < 5 | 52 |
| L19E 00+00S | 201 | 238 | < 1 | 0.01 | 9 | 220 | 24 | < 5 | 2 | 10 | 0.04 | < 10 | < 10 | 24 | < 5 | 33 |
| L19E 00+50S | 201 | 238 | < 1 | 0.01 | 7 | 170 | 34 | < 5 | 2 | 12 | 0.04 | < 10 | < 10 | 21 | < 5 | 36 |
| L19E 01+00S | 201 | 238 | 1 | 0.01 | 12 | 220 | 14 | < 5 | 3 | 12 | 0.06 | < 10 | < 10 | 37 | < 5 | 35 |
| L19E 01+50S | 201 | 238 | 1 | 0.01 | 12 | 170 | 22 | < 5 | 4 | 16 | 0.07 | < 10 | < 10 | 38 | < 5 | 34 |
| L19E 02+00S | 201 | 238 | < 1 | 0.01 | 8 | 80 | 28 | < 5 | 2 | 9 | 0.04 | < 10 | < 10 | 23 | < 5 | 21 |
| L19E 02+50S | 201 | 238 | < 1 | 0.01 | 4 | 90 | 30 | < 5 | 2 | 5 | 0.02 | < 10 | < 10 | 15 | < 5 | 17 |
| L19E 03+00S | 201 | 238 | < 1 | 0.01 | 7 | 220 | 18 | < 5 | 2 | 10 | 0.05 | < 10 | < 10 | 36 | < 5 | 34 |
| L19E 03+50S | 201 | 238 | 1 | 0.01 | 16 | 290 | 24 | < 5 | 3 | 13 | 0.06 | < 10 | < 10 | 53 | < 5 | 52 |
| L19E 04+00S | 201 | 238 | < 1 | 0.01 | 6 | 170 | 6 | < 5 | 2 | 10 | 0.02 | < 10 | < 10 | 19 | < 5 | 27 |
| L19E 04+50S | 201 | 238 | < 1 | 0.01 | 8 | 130 | 6 | < 5 | 2 | 12 | 0.04 | < 10 | < 10 | 30 | < 5 | 32 |
| L19E 05+00S | 201 | 238 | < 1 | 0.01 | 8 | 170 | 18 | < 5 | 3 | 13 | 0.04 | < 10 | < 10 | 41 | < 5 | 38 |
| L19E 05+50S | 201 | 238 | < 1 | 0.01 | 3 | 200 | 16 | < 5 | 1 | 10 | 0.02 | < 10 | < 10 | 19 | < 5 | 23 |
| L19E 06+00S | 201 | 238 | < 1 | 0.01 | 7 | 350 | 8 | < 5 | 2 | 15 | 0.04 | < 10 | < 10 | 26 | < 5 | 37 |
| L19E 06+50S | 201 | 238 | < 1 | 0.01 | 10 | 350 | 6 | < 5 | 3 | 15 | 0.04 | < 10 | < 10 | 32 | < 5 | 45 |
| L19E 07+00S | 201 | 238 | < 1 | 0.01 | 11 | 470 | 8 | < 5 | 3 | 17 | 0.04 | < 10 | < 10 | 30 | < 5 | 54 |
| L19E 07+50S | 201 | 238 | < 1 | 0.01 | 9 | 440 | 12 | < 5 | 2 | 16 | 0.04 | < 10 | < 10 | 23 | < 5 | 42 |
| L19E 08+00S | 201 | 238 | < 1 | 0.01 | 11 | 340 | 12 | < 5 | 3 | 15 | 0.04 | < 10 | < 10 | 27 | < 5 | 57 |
| L19E 08+50S | 201 | 238 | < 1 | 0.01 | 8 | 340 | 16 | < 5 | 2 | 10 | 0.04 | < 10 | < 10 | 19 | < 5 | 50 |
| L19E 09+00S | 201 | 238 | < 1 | 0.01 | 12 | 300 | 18 | < 5 | 2 | 12 | 0.05 | < 10 | < 10 | 27 | < 5 | 47 |
| L19E 09+50S | 201 | 238 | 1 | 0.01 | 10 | 310 | 12 | < 5 | 2 | 14 | 0.06 | < 10 | < 10 | 36 | < 5 | 47 |
| L19E 10+00S | 201 | 238 | < 1 | 0.01 | 10 | 310 | 10 | < 5 | 2 | 16 | 0.05 | < 10 | < 10 | 36 | < 5 | 50 |
| L20E 00+00S | 201 | 238 | 1 | 0.01 | 10 | 220 | 28 | < 5 | 2 | 14 | 0.06 | < 10 | < 10 | 33 | < 5 | 34 |
| L20E 00+50S | 201 | 238 | < 1 | 0.01 | 6 | 70 | 20 | < 5 | 1 | 8 | 0.02 | < 10 | < 10 | 13 | < 5 | 20 |
| L20E 01+00S | 201 | 238 | < 1 | 0.01 | 11 | 150 | 24 | < 5 | 2 | 9 | 0.05 | < 10 | < 10 | 35 | < 5 | 28 |
| L20E 01+50S | 201 | 238 | 1 | 0.01 | 17 | 230 | 30 | < 5 | 3 | 11 | 0.06 | < 10 | < 10 | 45 | < 5 | 54 |
| L20E 02+00S | 201 | 238 | < 1 | 0.01 | 2 | 150 | 20 | < 5 | 1 | 6 | 0.02 | < 10 | < 10 | 23 | < 5 | 34 |
| L20E 02+50S | 201 | 238 | < 1 | 0.01 | 4 | 170 | 14 | < 5 | 1 | 7 | 0.01 | < 10 | < 10 | 16 | < 5 | 35 |
| L20E 03+00S | 201 | 238 | < 1 | 0.01 | 21 | 120 | 18 | < 5 | 5 | 17 | 0.11 | < 10 | < 10 | 53 | < 5 | 48 |
| L20E 03+50S | 201 | 238 | < 1 | 0.01 | 1 | 70 | 24 | < 5 | 1 | 11 | 0.01 | < 10 | < 10 | 9 | < 5 | 24 |
| L20E 04+00S | 201 | 238 | < 1 | 0.01 | 9 | 70 | 22 | < 5 | 2 | 9 | 0.04 | < 10 | < 10 | 26 | < 5 | 28 |
| L20E 04+50S | 201 | 238 | < 1 | 0.01 | 6 | 230 | 20 | < 5 | 2 | 18 | 0.02 | < 10 | < 10 | 20 | < 5 | 34 |
| L20E 05+00S | 201 | 238 | < 1 | 0.01 | 8 | 100 | 28 | < 5 | 2 | 11 | 0.02 | < 10 | < 10 | 20 | < 5 | 42 |
| L20E 05+50S | 201 | 238 | < 1 | 0.01 | 9 | 370 | 12 | < 5 | 2 | 13 | 0.03 | < 10 | < 10 | 24 | < 5 | 44 |
| L20E 06+00S | 201 | 238 | < 1 | 0.01 | 8 | 350 | 12 | < 5 | 2 | 13 | 0.04 | < 10 | < 10 | 29 | < 5 | 48 |
| L20E 06+50S | 201 | 238 | < 1 | 0.01 | 10 | 350 | 12 | < 5 | 2 | 16 | 0.05 | < 10 | < 10 | 33 | < 5 | 44 |

CERTIFICATION :

# Chemex Labs Ltd.

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Project : DAWSON-REEF
Comments: ATTN: ART TROUP CC: PERRY GRUNENBERG

Page No. : 4-A
Tot. Pages: 7
Date : 15-JUL-88
Invoice # : I-8818345
P.O. # : ADR-KDR

## CERTIFICATE OF ANALYSIS A8818345

| SAMPLE DESCRIPTION | PREP CODE | | Au ppb FA+AA | Al % | Ag ppm | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L20E 07+00S | 201 | 238 | 25 | 1.34 | 0.2 | 80 | 280 | 0.5 | < 2 | 0.17 | < 0.5 | 6 | 17 | 9 | 1.75 | < 10 | < 1 | 0.10 | 30 | 0.45 | 137 |
| L20E 07+50S | 201 | 238 | < 5 | 1.27 | 0.2 | 85 | 220 | < 0.5 | 2 | 0.16 | < 0.5 | 5 | 16 | 9 | 1.84 | < 10 | < 1 | 0.10 | 30 | 0.47 | 147 |
| L20E 08+00S | 201 | 238 | 10 | 1.17 | 0.2 | 140 | 220 | < 0.5 | < 2 | 0.11 | < 0.5 | < 1 | 13 | 8 | 1.49 | < 10 | < 1 | 0.14 | 30 | 0.30 | 93 |
| L20E 08+50S | 201 | 238 | 25 | 1.34 | 0.6 | 225 | 210 | < 0.5 | < 2 | 0.14 | < 0.5 | 5 | 20 | 12 | 1.94 | < 10 | < 1 | 0.13 | 30 | 0.45 | 127 |
| L20E 09+00S | 201 | 238 | 5 | 1.26 | 0.6 | 160 | 170 | < 0.5 | 4 | 0.14 | < 0.5 | 5 | 16 | 9 | 1.87 | < 10 | < 1 | 0.12 | 30 | 0.43 | 143 |
| L20E 09+50S | 201 | 238 | < 5 | 1.41 | 0.2 | 110 | 240 | < 0.5 | 4 | 0.14 | < 0.5 | 5 | 17 | 12 | 1.86 | < 10 | < 1 | 0.14 | 30 | 0.37 | 118 |
| L20E 10+00S | 201 | 238 | < 5 | 1.36 | 0.4 | 125 | 200 | 0.5 | < 2 | 0.14 | < 0.5 | 1 | 16 | 8 | 1.82 | < 10 | < 1 | 0.13 | 30 | 0.38 | 135 |
| L21E 00+00S | 201 | 238 | < 5 | 2.18 | 0.2 | 20 | 260 | 0.5 | 6 | 0.12 | < 0.5 | 9 | 32 | 26 | 2.81 | < 10 | < 1 | 0.10 | 40 | 0.48 | 280 |
| L21E 00+50S | 201 | 238 | < 5 | 1.63 | 0.2 | 5 | 170 | < 0.5 | < 2 | 0.09 | < 0.5 | 6 | 21 | 10 | 2.13 | < 10 | < 1 | 0.08 | 30 | 0.32 | 146 |
| L21E 01+00S | 201 | 238 | < 5 | 2.28 | 0.2 | 15 | 180 | 0.5 | 2 | 0.10 | < 0.5 | 7 | 30 | 9 | 3.43 | < 10 | < 1 | 0.07 | 20 | 0.37 | 190 |
| L21E 01+50S | 201 | 238 | < 5 | 1.17 | 0.2 | 20 | 160 | < 0.5 | < 2 | 0.06 | < 0.5 | 1 | 13 | 6 | 1.62 | < 10 | < 1 | 0.09 | 30 | 0.17 | 222 |
| L21E 02+00S | 201 | 238 | < 5 | 1.44 | 0.2 | 40 | 200 | 0.5 | < 2 | 0.09 | < 0.5 | 5 | 20 | 16 | 1.88 | < 10 | < 1 | 0.07 | 30 | 0.34 | 153 |
| L21E 02+50S | 201 | 238 | < 5 | 1.14 | 0.2 | 15 | 200 | < 0.5 | < 2 | 0.07 | < 0.5 | 1 | 16 | 12 | 1.67 | < 10 | < 1 | 0.05 | 30 | 0.32 | 99 |
| L21E 03+00S | 201 | 238 | < 5 | 1.46 | 0.2 | 15 | 190 | 0.5 | < 2 | 0.10 | < 0.5 | 6 | 23 | 17 | 2.15 | < 10 | < 1 | 0.05 | 30 | 0.39 | 130 |
| L21E 03+50S | 201 | 238 | < 5 | 1.09 | 0.2 | 30 | 170 | < 0.5 | < 2 | 0.09 | < 0.5 | 1 | 16 | 11 | 1.56 | < 10 | < 1 | 0.07 | 30 | 0.27 | 96 |
| L21E 04+00S | 201 | 238 | < 5 | 1.38 | 0.2 | 30 | 190 | < 0.5 | 2 | 0.09 | < 0.5 | < 1 | 16 | 8 | 1.69 | < 10 | < 1 | 0.07 | 30 | 0.28 | 97 |
| L21E 04+50S | 201 | 238 | < 5 | 1.21 | 0.2 | 35 | 180 | < 0.5 | < 2 | 0.09 | < 0.5 | < 1 | 13 | 6 | 1.43 | < 10 | < 1 | 0.09 | 20 | 0.25 | 93 |
| L21E 05+00S | 201 | 238 | < 5 | 0.78 | 0.2 | 70 | 150 | < 0.5 | < 2 | 0.06 | < 0.5 | < 1 | 9 | 8 | 1.12 | < 10 | < 1 | 0.10 | 30 | 0.15 | 53 |
| L21E 05+50S | 201 | 238 | < 5 | 1.09 | 0.2 | 175 | 190 | 0.5 | < 2 | 0.19 | < 0.5 | 6 | 16 | 17 | 1.66 | < 10 | < 1 | 0.14 | 40 | 0.30 | 167 |
| L21E 06+00S | 201 | 238 | < 5 | 1.28 | 0.2 | 80 | 180 | < 0.5 | < 2 | 0.15 | < 0.5 | 4 | 16 | 10 | 1.77 | < 10 | < 1 | 0.10 | 20 | 0.38 | 113 |
| L21E 06+50S | 201 | 238 | < 5 | 1.19 | 0.2 | 60 | 220 | < 0.5 | < 2 | 0.16 | < 0.5 | 5 | 16 | 10 | 1.68 | < 10 | < 1 | 0.11 | 30 | 0.38 | 128 |
| L21E 07+00S | 201 | 238 | < 5 | 1.53 | 0.2 | 55 | 230 | < 0.5 | < 2 | 0.16 | 0.5 | 6 | 19 | 10 | 1.88 | < 10 | < 1 | 0.12 | 30 | 0.48 | 122 |
| L21E 07+50S | 201 | 238 | 5 | 1.55 | 0.2 | 105 | 230 | 0.5 | < 2 | 0.16 | < 0.5 | 5 | 17 | 10 | 1.82 | < 10 | 4 | 0.14 | 30 | 0.45 | 103 |
| L21E 08+00S | 201 | 238 | 25 | 1.23 | 0.2 | 125 | 170 | 0.5 | < 2 | 0.14 | < 0.5 | < 1 | 14 | 7 | 1.61 | < 10 | < 1 | 0.12 | 30 | 0.34 | 106 |
| L21E 08+50S | 201 | 238 | < 5 | 1.24 | 0.2 | 165 | 180 | < 0.5 | < 2 | 0.12 | < 0.5 | 5 | 16 | 8 | 1.74 | < 10 | < 1 | 0.13 | 30 | 0.39 | 135 |
| L21E 09+00S | 201 | 238 | < 5 | 1.23 | 0.4 | 105 | 250 | 0.5 | < 2 | 0.14 | < 0.5 | 1 | 15 | 15 | 1.57 | < 10 | 1 | 0.12 | 30 | 0.32 | 97 |
| L21E 09+50S | 201 | 238 | 10 | 1.28 | 0.2 | 110 | 200 | < 0.5 | < 2 | 0.12 | < 0.5 | 1 | 15 | 9 | 1.73 | < 10 | < 1 | 0.14 | 20 | 0.35 | 120 |
| L21E 10+00S | 201 | 238 | 5 | 1.27 | 0.2 | 135 | 170 | < 0.5 | < 2 | 0.13 | 0.5 | 5 | 16 | 7 | 1.85 | < 10 | < 1 | 0.12 | 20 | 0.42 | 143 |
| L22E 00+00S | 201 | 238 | < 5 | 1.78 | 0.2 | 50 | 210 | < 0.5 | < 2 | 0.10 | < 0.5 | 7 | 22 | 26 | 2.22 | < 10 | < 1 | 0.08 | 40 | 0.46 | 207 |
| L22E 00+50S | 201 | 238 | < 5 | 1.42 | 0.2 | 85 | 170 | 0.5 | < 2 | 0.10 | < 0.5 | 5 | 19 | 13 | 1.76 | < 10 | < 1 | 0.09 | 40 | 0.32 | 244 |
| L22E 01+00S | 201 | 238 | < 5 | 2.12 | 0.2 | 60 | 250 | 0.5 | 2 | 0.09 | < 0.5 | 6 | 28 | 23 | 2.77 | < 10 | < 1 | 0.07 | 30 | 0.42 | 190 |
| L22E 01+50S | 201 | 238 | < 5 | 1.53 | 0.2 | 10 | 160 | < 0.5 | < 2 | 0.07 | < 0.5 | < 1 | 16 | 14 | 1.67 | < 10 | < 1 | 0.08 | 30 | 0.24 | 91 |
| L22E 02+00S | 201 | 238 | < 5 | 1.72 | 0.2 | 110 | 190 | 0.5 | < 2 | 0.09 | < 0.5 | 5 | 18 | 10 | 2.18 | < 10 | < 1 | 0.16 | 20 | 0.33 | 132 |
| L22E 02+50S | 201 | 238 | < 5 | 1.97 | 1.0 | 140 | 210 | < 0.5 | < 2 | 0.11 | < 0.5 | 4 | 19 | 8 | 2.19 | < 10 | < 1 | 0.14 | 30 | 0.31 | 146 |
| L22E 03+00S | 201 | 238 | < 5 | 1.55 | 0.4 | 445 | 220 | 0.5 | 2 | 0.09 | < 0.5 | 5 | 15 | 12 | 2.23 | < 10 | < 1 | 0.22 | 30 | 0.29 | 144 |
| L22E 03+50S | 201 | 238 | < 5 | 1.06 | 0.2 | 110 | 180 | < 0.5 | < 2 | 0.07 | < 0.5 | < 1 | 10 | 7 | 1.24 | < 10 | < 1 | 0.14 | 30 | 0.17 | 62 |
| L22E 04+00S | 201 | 238 | < 5 | 1.17 | 0.2 | 165 | 160 | < 0.5 | < 2 | 0.07 | < 0.5 | < 1 | 13 | 11 | 1.69 | < 10 | < 1 | 0.12 | 40 | 0.23 | 86 |
| L22E 04+50S | 201 | 238 | < 5 | 0.97 | 0.2 | 75 | 270 | < 0.5 | < 2 | 0.12 | < 0.5 | < 1 | 11 | 11 | 1.12 | < 10 | < 1 | 0.10 | 50 | 0.31 | 110 |
| L22E 05+00S | 201 | 238 | < 5 | 0.98 | 0.2 | 95 | 190 | < 0.5 | < 2 | 0.07 | < 0.5 | < 1 | 14 | 10 | 1.28 | < 10 | < 1 | 0.09 | 30 | 0.25 | 100 |
| L22E 05+50S | 201 | 238 | < 5 | 0.93 | 0.2 | 140 | 330 | < 0.5 | < 2 | 0.22 | < 0.5 | 2 | 12 | 11 | 1.30 | < 10 | < 1 | 0.07 | 40 | 0.21 | 154 |

CERTIFICATION :

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Project : DAWSON-REEF
Comments: ATTN: ART TROUP CC: PERRY GRUNENBERG

Pa[redacted]o. : 4-B
Tot. Pages: 7
Date : 15-JUL-88
Invoice # : I-8818345
P.O. # : ADR-KDR

# CERTIFICATE OF ANALYSIS A8818345

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L20E 07+00S | 201 | 238 | < 1 | 0.01 | 9 | 360 | 10 | < 5 | 2 | 15 | 0.05 | < 10 | < 10 | 29 | < 5 | 45 |
| L20E 07+50S | 201 | 238 | < 1 | 0.01 | 9 | 300 | 18 | < 5 | 3 | 14 | 0.05 | < 10 | < 10 | 30 | < 5 | 42 |
| L20E 08+00S | 201 | 238 | < 1 | 0.01 | 7 | 220 | 12 | < 5 | 2 | 11 | 0.03 | < 10 | < 10 | 24 | < 5 | 37 |
| L20E 08+50S | 201 | 238 | 1 | 0.01 | 11 | 330 | 20 | < 5 | 2 | 14 | 0.04 | < 10 | < 10 | 32 | < 5 | 48 |
| L20E 09+00S | 201 | 238 | < 1 | 0.01 | 9 | 280 | 24 | < 5 | 2 | 12 | 0.05 | < 10 | < 10 | 30 | < 5 | 45 |
| L20E 09+50S | 201 | 238 | 1 | 0.01 | 10 | 340 | 22 | < 5 | 2 | 15 | 0.04 | < 10 | < 10 | 32 | < 5 | 44 |
| L20E 10+00S | 201 | 238 | 1 | 0.01 | 7 | 290 | 12 | < 5 | 2 | 14 | 0.05 | < 10 | < 10 | 33 | < 5 | 43 |
| L21E 00+00S | 201 | 238 | 1 | 0.01 | 21 | 140 | 18 | < 5 | 7 | 15 | 0.08 | < 10 | < 10 | 52 | < 5 | 54 |
| L21E 00+50S | 201 | 238 | < 1 | 0.01 | 10 | 130 | 16 | < 5 | 2 | 11 | 0.06 | < 10 | < 10 | 40 | < 5 | 34 |
| L21E 01+00S | 201 | 238 | 2 | 0.01 | 12 | 310 | 12 | < 5 | 3 | 11 | 0.08 | < 10 | < 10 | 66 | < 5 | 46 |
| L21E 01+50S | 201 | 238 | < 1 | 0.01 | 4 | 250 | 6 | < 5 | 1 | 7 | 0.06 | < 10 | < 10 | 43 | < 5 | 26 |
| L21E 02+00S | 201 | 238 | 1 | 0.01 | 13 | 150 | 34 | < 5 | 2 | 10 | 0.05 | < 10 | < 10 | 33 | < 5 | 38 |
| L21E 02+50S | 201 | 238 | < 1 | 0.01 | 9 | 110 | 52 | < 5 | 2 | 9 | 0.04 | < 10 | < 10 | 27 | < 5 | 32 |
| L21E 03+00S | 201 | 238 | < 1 | 0.01 | 13 | 90 | 38 | < 5 | 4 | 11 | 0.06 | < 10 | < 10 | 37 | < 5 | 38 |
| L21E 03+50S | 201 | 238 | < 1 | 0.01 | 9 | 100 | 44 | < 5 | 2 | 10 | 0.05 | < 10 | < 10 | 28 | < 5 | 31 |
| L21E 04+00S | 201 | 238 | < 1 | 0.01 | 9 | 110 | 42 | < 5 | 2 | 10 | 0.05 | < 10 | < 10 | 35 | < 5 | 31 |
| L21E 04+50S | 201 | 238 | < 1 | 0.01 | 6 | 100 | 20 | < 5 | 2 | 10 | 0.04 | < 10 | < 10 | 33 | < 5 | 36 |
| L21E 05+00S | 201 | 238 | < 1 | 0.01 | 4 | 140 | 132 | < 5 | 1 | 16 | 0.03 | < 10 | < 10 | 18 | < 5 | 32 |
| L21E 05+50S | 201 | 238 | < 1 | 0.01 | 9 | 430 | 108 | < 5 | 2 | 18 | 0.04 | < 10 | < 10 | 30 | < 5 | 56 |
| L21E 06+00S | 201 | 238 | < 1 | 0.01 | 9 | 370 | 16 | < 5 | 2 | 12 | 0.04 | < 10 | < 10 | 29 | < 5 | 44 |
| L21E 06+50S | 201 | 238 | < 1 | 0.01 | 9 | 360 | 20 | < 5 | 2 | 13 | 0.04 | < 10 | < 10 | 27 | < 5 | 44 |
| L21E 07+00S | 201 | 238 | < 1 | 0.01 | 10 | 340 | 12 | < 5 | 3 | 15 | 0.06 | < 10 | < 10 | 32 | < 5 | 46 |
| L21E 07+50S | 201 | 238 | < 1 | 0.01 | 10 | 400 | 16 | < 5 | 2 | 14 | 0.04 | < 10 | < 10 | 28 | < 5 | 46 |
| L21E 08+00S | 201 | 238 | < 1 | 0.01 | 6 | 280 | 12 | < 5 | 2 | 12 | 0.04 | < 10 | < 10 | 28 | < 5 | 38 |
| L21E 08+50S | 201 | 238 | < 1 | 0.01 | 7 | 270 | 16 | < 5 | 2 | 11 | 0.04 | < 10 | < 10 | 31 | < 5 | 41 |
| L21E 09+00S | 201 | 238 | 1 | 0.01 | 8 | 480 | 22 | < 5 | 1 | 15 | 0.02 | < 10 | < 10 | 25 | < 5 | 37 |
| L21E 09+50S | 201 | 238 | < 1 | 0.01 | 8 | 320 | 18 | < 5 | 2 | 12 | 0.04 | < 10 | < 10 | 30 | < 5 | 42 |
| L21E 10+00S | 201 | 238 | < 1 | 0.01 | 8 | 270 | 24 | < 5 | 2 | 12 | 0.05 | < 10 | < 10 | 32 | < 5 | 44 |
| L22E 00+00S | 201 | 238 | 1 | 0.01 | 15 | 150 | 96 | < 5 | 3 | 13 | 0.05 | < 10 | < 10 | 36 | < 5 | 74 |
| L22E 00+50S | 201 | 238 | 1 | 0.01 | 11 | 140 | 26 | < 5 | 3 | 11 | 0.05 | < 10 | < 10 | 32 | < 5 | 60 |
| L22E 01+00S | 201 | 238 | 1 | 0.01 | 14 | 130 | 60 | < 5 | 5 | 14 | 0.08 | < 10 | < 10 | 51 | < 5 | 80 |
| L22E 01+50S | 201 | 238 | 1 | 0.01 | 9 | 150 | 62 | < 5 | 2 | 9 | 0.04 | < 10 | < 10 | 30 | < 5 | 47 |
| L22E 02+00S | 201 | 238 | < 1 | 0.01 | 9 | 130 | 20 | < 5 | 3 | 11 | 0.04 | < 10 | < 10 | 33 | < 5 | 38 |
| L22E 02+50S | 201 | 238 | < 1 | 0.01 | 9 | 150 | 14 | < 5 | 3 | 12 | 0.05 | < 10 | < 10 | 42 | < 5 | 36 |
| L22E 03+00S | 201 | 238 | < 1 | 0.01 | 9 | 220 | 20 | < 5 | 3 | 10 | 0.02 | < 10 | < 10 | 29 | < 5 | 45 |
| L22E 03+50S | 201 | 238 | < 1 | 0.01 | 4 | 90 | 42 | < 5 | 2 | 10 | 0.02 | < 10 | < 10 | 21 | < 5 | 24 |
| L22E 04+00S | 201 | 238 | < 1 | 0.01 | 9 | 120 | 50 | < 5 | 2 | 11 | 0.03 | < 10 | < 10 | 23 | < 5 | 50 |
| L22E 04+50S | 201 | 238 | < 1 | 0.01 | 7 | 90 | 38 | < 5 | 2 | 13 | 0.03 | < 10 | < 10 | 17 | < 5 | 60 |
| L22E 05+00S | 201 | 238 | < 1 | 0.01 | 7 | 80 | 30 | < 5 | 2 | 10 | 0.03 | < 10 | < 10 | 22 | < 5 | 35 |
| L22E 05+50S | 201 | 238 | < 1 | 0.01 | 7 | 300 | 64 | < 5 | 2 | 27 | 0.03 | < 10 | < 10 | 19 | < 5 | 46 |

CERTIFICATION :

# Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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Comments: ATTN: ART TROUP CC: PERRY GRUNENBERG

Pa[redacted]o. : 5-A
Tot. Pages: 7
Date : 15-JUL-88
Invoice # : I-8818345
P.O. # : ADR-KDR

## CERTIFICATE OF ANALYSIS A8818345

| SAMPLE DESCRIPTION | PREP CODE | | Au ppb FA+AA | Al % | Ag ppm | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L22E 06+00S | 201 | 238 | < 5 | 1.35 | 0.2 | 70 | 210 | < 0.5 | < 2 | 0.14 | < 0.5 | 5 | 16 | 10 | 1.74 | < 10 | 1 | 0.09 | 20 | 0.40 | 108 |
| L22E 06+50S | 201 | 238 | 10 | 0.76 | 0.6 | 380 | 120 | < 0.5 | < 2 | 0.12 | < 0.5 | 6 | 10 | 28 | 2.31 | < 10 | < 1 | 0.08 | 30 | 0.24 | 108 |
| L22E 07+00S | 201 | 238 | < 5 | 1.11 | 0.2 | 75 | 150 | < 0.5 | 2 | 0.12 | < 0.5 | < 1 | 13 | 7 | 1.59 | < 10 | < 1 | 0.07 | 20 | 0.33 | 97 |
| L22E 07+50S | 201 | 238 | 20 | 1.40 | 0.4 | 60 | 200 | < 0.5 | < 2 | 0.12 | < 0.5 | < 1 | 16 | 9 | 1.71 | < 10 | < 1 | 0.07 | 20 | 0.31 | 88 |
| L22E 08+00S | 201 | 238 | < 5 | 1.42 | 0.6 | 120 | 280 | < 0.5 | < 2 | 0.16 | < 0.5 | 5 | 15 | 9 | 1.84 | < 10 | < 1 | 0.11 | 30 | 0.39 | 101 |
| L22E 08+50S | 201 | 238 | < 5 | 1.10 | 0.2 | 55 | 220 | < 0.5 | 2 | 0.12 | < 0.5 | < 1 | 11 | 8 | 1.31 | < 10 | < 1 | 0.18 | 40 | 0.35 | 86 |
| L22E 09+00S | 201 | 238 | < 5 | 0.95 | 0.2 | 75 | 180 | < 0.5 | < 2 | 0.10 | < 0.5 | < 1 | 11 | 7 | 1.26 | < 10 | 2 | 0.19 | 30 | 0.24 | 87 |
| L22E 09+50S | 201 | 238 | < 5 | 1.23 | 0.2 | 105 | 150 | < 0.5 | 2 | 0.14 | < 0.5 | 4 | 15 | 5 | 1.84 | < 10 | < 1 | 0.09 | 20 | 0.32 | 101 |
| L22E 10+00S | 201 | 238 | < 5 | 0.85 | 0.4 | 85 | 160 | < 0.5 | < 2 | 0.08 | < 0.5 | < 1 | 9 | 6 | 1.10 | < 10 | < 1 | 0.15 | 30 | 0.20 | 67 |
| L23E 00+00S | 201 | 238 | < 5 | 2.03 | 0.2 | 25 | 170 | < 0.5 | 2 | 0.09 | 0.5 | 6 | 25 | 10 | 2.84 | < 10 | < 1 | 0.08 | 20 | 0.33 | 227 |
| L23E 00+50S | 201 | 238 | < 5 | 1.05 | 0.2 | 75 | 110 | < 0.5 | < 2 | 0.04 | < 0.5 | < 1 | 8 | 5 | 1.04 | < 10 | 1 | 0.12 | 20 | 0.12 | 57 |
| L23E 01+00S | 201 | 238 | < 5 | 1.70 | 0.2 | 5 | 140 | < 0.5 | < 2 | 0.03 | < 0.5 | 2 | 10 | 29 | 1.63 | < 10 | < 1 | 0.07 | 60 | 0.90 | 143 |
| L23E 01+50S | 201 | 238 | < 5 | 1.23 | 0.2 | < 5 | 150 | < 0.5 | 2 | 0.05 | < 0.5 | < 1 | 10 | 12 | 1.11 | < 10 | < 1 | 0.08 | 40 | 0.21 | 54 |
| L23E 02+00S | 201 | 238 | < 5 | 1.04 | 0.4 | 50 | 110 | < 0.5 | < 2 | 0.05 | < 0.5 | < 1 | 11 | 12 | 1.47 | < 10 | < 1 | 0.07 | 40 | 0.23 | 78 |
| L23E 02+50S | 201 | 238 | < 5 | 1.00 | 0.2 | 110 | 140 | < 0.5 | 2 | 0.06 | < 0.5 | < 1 | 9 | 6 | 1.32 | < 10 | < 1 | 0.11 | 40 | 0.17 | 108 |
| L23E 03+00S | 201 | 238 | < 5 | 0.98 | 0.2 | 180 | 170 | < 0.5 | < 2 | 0.05 | < 0.5 | < 1 | 7 | 5 | 1.24 | < 10 | < 1 | 0.17 | 30 | 0.14 | 67 |
| L23E 03+50S | 201 | 238 | < 5 | 1.34 | 0.2 | 95 | 160 | < 0.5 | 2 | 0.13 | < 0.5 | 4 | 18 | 13 | 2.18 | < 10 | < 1 | 0.09 | 30 | 0.32 | 131 |
| L23E 04+00S | 201 | 238 | < 5 | 0.84 | 0.2 | 135 | 130 | < 0.5 | 2 | 0.04 | < 0.5 | < 1 | 7 | 7 | 1.41 | < 10 | < 1 | 0.11 | 30 | 0.19 | 63 |
| L23E 04+50S | 201 | 238 | < 5 | 2.04 | 0.2 | 110 | 180 | < 0.5 | 2 | 0.11 | < 0.5 | 6 | 25 | 15 | 2.47 | < 10 | < 1 | 0.11 | 20 | 0.36 | 183 |
| L23E 05+00S | 201 | 238 | < 5 | 1.44 | 0.2 | 65 | 380 | < 0.5 | < 2 | 0.10 | < 0.5 | < 1 | 13 | 9 | 1.73 | < 10 | < 1 | 0.13 | 30 | 0.26 | 93 |
| L23E 05+50S | 201 | 238 | < 5 | 1.09 | 0.6 | 15 | 330 | < 0.5 | 2 | 0.12 | < 0.5 | < 1 | 11 | 7 | 1.16 | < 10 | < 1 | 0.11 | 30 | 0.23 | 97 |
| L23E 06+00S | 201 | 238 | < 5 | 0.79 | 0.2 | 90 | 320 | < 0.5 | 2 | 0.08 | < 0.5 | < 1 | 8 | 9 | 0.96 | < 10 | < 1 | 0.12 | 40 | 0.14 | 63 |
| L23E 06+50S | 201 | 238 | < 5 | 0.60 | 0.2 | 240 | 180 | < 0.5 | < 2 | 0.06 | < 0.5 | < 1 | 7 | 8 | 1.66 | < 10 | < 1 | 0.11 | 30 | 0.16 | 65 |
| L23E 07+00S | 201 | 238 | < 5 | 1.16 | 0.2 | 50 | 130 | < 0.5 | < 2 | 0.13 | < 0.5 | 4 | 14 | 6 | 1.55 | < 10 | < 1 | 0.08 | 30 | 0.28 | 98 |
| L23E 07+50S | 201 | 238 | < 5 | 1.33 | 0.2 | 40 | 130 | < 0.5 | < 2 | 0.14 | < 0.5 | 4 | 16 | 5 | 1.61 | < 10 | < 1 | 0.08 | 20 | 0.27 | 92 |
| L23E 08+00S | 201 | 238 | 10 | 1.19 | 0.2 | 50 | 110 | < 0.5 | 4 | 0.12 | < 0.5 | 5 | 15 | 7 | 1.69 | < 10 | < 1 | 0.08 | 20 | 0.29 | 99 |
| L23E 08+50S | 201 | 238 | 5 | 1.33 | 0.2 | 75 | 170 | < 0.5 | 4 | 0.14 | < 0.5 | 5 | 16 | 6 | 1.74 | < 10 | < 1 | 0.11 | 20 | 0.34 | 110 |
| L23E 09+00S | 201 | 238 | < 5 | 1.44 | 0.2 | 55 | 140 | < 0.5 | < 2 | 0.12 | < 0.5 | < 1 | 16 | 6 | 1.70 | < 10 | < 1 | 0.11 | 20 | 0.28 | 87 |
| L23E 09+50S | 201 | 238 | < 5 | 1.56 | 0.2 | 25 | 170 | < 0.5 | < 2 | 0.10 | < 0.5 | 7 | 24 | 16 | 2.17 | < 10 | < 1 | 0.06 | 20 | 0.41 | 158 |
| L23E 10+00S | 201 | 238 | < 5 | 1.55 | 0.2 | 30 | 170 | < 0.5 | 2 | 0.08 | < 0.5 | 5 | 17 | 8 | 1.91 | < 10 | < 1 | 0.07 | 20 | 0.31 | 129 |
| L23AE 00+00S | 201 | 238 | < 5 | 1.64 | 0.2 | 5 | 210 | < 0.5 | 4 | 0.08 | 0.5 | 2 | 22 | 8 | 1.85 | < 10 | 1 | 0.09 | 30 | 0.32 | 127 |
| L23AE 00+50S | 201 | 238 | < 5 | 0.98 | 0.2 | 110 | 140 | < 0.5 | 4 | 0.03 | < 0.5 | 3 | 12 | 9 | 1.02 | 10 | < 1 | 0.16 | 60 | 0.15 | 91 |
| L23AE 01+00S | 201 | 238 | < 5 | 1.72 | 0.2 | 25 | 180 | < 0.5 | 4 | 0.07 | 0.5 | 2 | 22 | 15 | 2.11 | < 10 | < 1 | 0.07 | 30 | 0.38 | 166 |
| L23AE 01+50S | 201 | 238 | < 5 | 1.33 | 0.2 | 60 | 230 | < 0.5 | 4 | 0.08 | 0.5 | 3 | 16 | 8 | 1.94 | < 10 | < 1 | 0.12 | 30 | 0.24 | 302 |
| L23AE 02+00S | 201 | 238 | < 5 | 1.00 | 0.4 | 220 | 230 | < 0.5 | 2 | 0.06 | 1.0 | 3 | 8 | 8 | 1.48 | < 10 | < 1 | 0.28 | 40 | 0.17 | 100 |
| L23AE 02+50S | 201 | 238 | < 5 | 1.40 | 0.2 | 215 | 280 | < 0.5 | < 2 | 0.11 | 1.0 | 3 | 11 | 10 | 1.85 | 10 | < 1 | 0.19 | 40 | 0.21 | 236 |
| L23AE 03+00S | 201 | 238 | < 5 | 1.03 | 0.2 | 135 | 120 | < 0.5 | 2 | 0.05 | 0.5 | 3 | 12 | 11 | 1.44 | < 10 | < 1 | 0.12 | 30 | 0.24 | 96 |
| L23AE 03+50S | 201 | 238 | < 5 | 2.31 | 0.2 | 50 | 290 | 0.5 | < 2 | 0.09 | 0.5 | 9 | 35 | 30 | 2.81 | < 10 | < 1 | 0.11 | 30 | 0.49 | 220 |
| L23AE 04+00S | 201 | 238 | < 5 | 1.03 | 0.2 | 105 | 150 | < 0.5 | 6 | 0.05 | 0.5 | 4 | 14 | 9 | 1.23 | < 10 | 2 | 0.14 | 40 | 0.22 | 97 |
| L23AE 04+50S | 201 | 238 | < 5 | 1.06 | 0.2 | 135 | 170 | < 0.5 | 2 | 0.06 | 0.5 | 3 | 10 | 9 | 1.17 | < 10 | < 1 | 0.16 | 50 | 0.21 | 103 |

CERTIFICATION :

**Chemex Labs Ltd.**
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
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PHONE (604) 984-0221

MARK MANAGEMENT LIMITED
1800 - 999 W. HASTINGS ST.
VANCOUVER, BC
V6C 2W2
Project : DAWSON-REEF
Comments: ATTN: ART TROUP CC: PERRY GRUNENBERG

Page No. : 5-B
Tot. Pages: 7
Date : 15-JUL-88
Invoice # : I-8818345
P.O. # : ADR-KDR

# CERTIFICATE OF ANALYSIS A8818345

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L22E 06+00S | 201 | 238 | < 1 | 0.01 | 10 | 390 | 26 | < 5 | 2 | 12 | 0.04 | < 10 | < 10 | 26 | < 5 | 47 |
| L22E 06+50S | 201 | 238 | 2 | 0.01 | 7 | 490 | 276 | < 5 | 2 | 10 | 0.03 | < 10 | < 10 | 18 | < 5 | 68 |
| L22E 07+00S | 201 | 238 | < 1 | 0.01 | 7 | 300 | 22 | < 5 | 2 | 10 | 0.04 | < 10 | < 10 | 27 | < 5 | 37 |
| L22E 07+50S | 201 | 238 | < 1 | 0.01 | 7 | 310 | 14 | < 5 | 2 | 11 | 0.04 | < 10 | < 10 | 29 | < 5 | 34 |
| L22E 08+00S | 201 | 238 | 1 | 0.01 | 9 | 410 | 22 | < 5 | 2 | 15 | 0.04 | < 10 | < 10 | 29 | < 5 | 44 |
| L22E 08+50S | 201 | 238 | < 1 | 0.01 | 8 | 360 | 20 | < 5 | 2 | 11 | 0.03 | < 10 | < 10 | 17 | < 5 | 39 |
| L22E 09+00S | 201 | 238 | < 1 | 0.01 | 5 | 220 | 26 | < 5 | 1 | 9 | 0.04 | < 10 | < 10 | 21 | < 5 | 35 |
| L22E 09+50S | 201 | 238 | < 1 | 0.01 | 8 | 230 | 12 | < 5 | 2 | 12 | 0.06 | < 10 | < 10 | 33 | < 5 | 34 |
| L22E 10+00S | 201 | 238 | < 1 | 0.01 | 5 | 250 | 22 | < 5 | 1 | 8 | 0.03 | < 10 | < 10 | 18 | < 5 | 31 |
| L23E 00+00S | 201 | 238 | 1 | 0.01 | 10 | 260 | 26 | < 5 | 3 | 9 | 0.07 | < 10 | < 10 | 53 | < 5 | 41 |
| L23E 00+50S | 201 | 238 | < 1 | 0.01 | 4 | 80 | 26 | < 5 | 1 | 4 | 0.02 | < 10 | < 10 | 17 | < 5 | 25 |
| L23E 01+00S | 201 | 238 | 1 | 0.01 | 28 | 130 | 148 | < 5 | 3 | 6 | 0.01 | < 10 | < 10 | 14 | < 5 | 134 |
| L23E 01+50S | 201 | 238 | < 1 | 0.01 | 3 | 140 | 138 | < 5 | 2 | 13 | 0.03 | < 10 | < 10 | 19 | < 5 | 53 |
| L23E 02+00S | 201 | 238 | < 1 | 0.01 | 5 | 150 | 92 | < 5 | 2 | 13 | 0.03 | < 10 | < 10 | 24 | < 5 | 48 |
| L23E 02+50S | 201 | 238 | < 1 | < 0.01 | 5 | 220 | 16 | < 5 | 2 | 7 | 0.02 | < 10 | < 10 | 22 | < 5 | 27 |
| L23E 03+00S | 201 | 238 | < 1 | < 0.01 | 2 | 120 | 12 | < 5 | 2 | 6 | 0.01 | < 10 | < 10 | 16 | < 5 | 23 |
| L23E 03+50S | 201 | 238 | < 1 | 0.01 | 12 | 190 | 50 | < 5 | 2 | 13 | 0.05 | < 10 | < 10 | 36 | < 5 | 37 |
| L23E 04+00S | 201 | 238 | < 1 | 0.01 | 4 | 120 | 46 | < 5 | 1 | 8 | 0.02 | < 10 | < 10 | 18 | < 5 | 37 |
| L23E 04+50S | 201 | 238 | < 1 | 0.01 | 15 | 160 | 22 | < 5 | 3 | 12 | 0.07 | < 10 | < 10 | 47 | < 5 | 62 |
| L23E 05+00S | 201 | 238 | 1 | 0.01 | 8 | 120 | 30 | < 5 | 2 | 11 | 0.03 | < 10 | < 10 | 29 | < 5 | 38 |
| L23E 05+50S | 201 | 238 | < 1 | 0.01 | 7 | 100 | 22 | < 5 | 2 | 13 | 0.05 | < 10 | < 10 | 28 | < 5 | 31 |
| L23E 06+00S | 201 | 238 | < 1 | 0.01 | 3 | 140 | 50 | < 5 | 1 | 12 | 0.03 | < 10 | < 10 | 19 | < 5 | 33 |
| L23E 06+50S | 201 | 238 | < 1 | 0.03 | 6 | 270 | 184 | < 5 | 1 | 28 | 0.02 | < 10 | < 10 | 15 | < 5 | 33 |
| L23E 07+00S | 201 | 238 | < 1 | 0.01 | 8 | 260 | 22 | < 5 | 2 | 11 | 0.05 | < 10 | < 10 | 30 | < 5 | 33 |
| L23E 07+50S | 201 | 238 | < 1 | 0.01 | 7 | 220 | 26 | < 5 | 2 | 12 | 0.06 | < 10 | < 10 | 36 | < 5 | 29 |
| L23E 08+00S | 201 | 238 | < 1 | 0.01 | 9 | 280 | 32 | < 5 | 2 | 10 | 0.05 | < 10 | < 10 | 28 | < 5 | 36 |
| L23E 08+50S | 201 | 238 | < 1 | 0.01 | 9 | 250 | 8 | < 5 | 2 | 13 | 0.05 | < 10 | < 10 | 36 | < 5 | 39 |
| L23E 09+00S | 201 | 238 | 1 | 0.01 | 6 | 160 | 14 | < 5 | 2 | 11 | 0.06 | < 10 | < 10 | 38 | < 5 | 30 |
| L23E 09+50S | 201 | 238 | < 1 | 0.01 | 15 | 100 | 10 | < 5 | 3 | 11 | 0.06 | < 10 | < 10 | 39 | < 5 | 39 |
| L23E 10+00S | 201 | 238 | < 1 | 0.01 | 9 | 120 | 18 | < 5 | 2 | 9 | 0.04 | < 10 | < 10 | 34 | < 5 | 33 |
| L23AE 00+00S | 201 | 238 | < 1 | 0.01 | 11 | 100 | 30 | < 5 | 2 | 10 | 0.06 | < 10 | < 10 | 36 | < 5 | 36 |
| L23AE 00+50S | 201 | 238 | < 1 | 0.01 | 5 | 90 | 56 | < 5 | 2 | 6 | 0.02 | < 10 | < 10 | 16 | < 5 | 31 |
| L23AE 01+00S | 201 | 238 | 1 | 0.01 | 15 | 130 | 122 | < 5 | 2 | 10 | 0.05 | < 10 | < 10 | 38 | < 5 | 61 |
| L23AE 01+50S | 201 | 238 | 1 | 0.01 | 6 | 360 | 16 | < 5 | 2 | 9 | 0.04 | < 10 | < 10 | 33 | < 5 | 43 |
| L23AE 02+00S | 201 | 238 | < 1 | 0.01 | 2 | 320 | 38 | < 5 | 2 | 8 | 0.01 | < 10 | < 10 | 12 | 5 | 30 |
| L23AE 02+50S | 201 | 238 | 1 | 0.01 | 6 | 320 | 18 | < 5 | 3 | 11 | 0.02 | < 10 | < 10 | 24 | < 5 | 39 |
| L23AE 03+00S | 201 | 238 | 1 | 0.01 | 7 | 80 | 34 | < 5 | 2 | 7 | 0.02 | < 10 | < 10 | 17 | < 5 | 31 |
| L23AE 03+50S | 201 | 238 | 1 | 0.01 | 21 | 110 | 20 | < 5 | 6 | 13 | 0.09 | < 10 | < 10 | 56 | < 5 | 56 |
| L23AE 04+00S | 201 | 238 | < 1 | 0.01 | 6 | 70 | 48 | < 5 | 2 | 7 | 0.03 | < 10 | < 10 | 19 | < 5 | 42 |
| L23AE 04+50S | 201 | 238 | < 1 | 0.01 | 5 | 70 | 34 | < 5 | 2 | 7 | 0.02 | < 10 | < 10 | 16 | < 5 | 36 |

CERTIFICATION :

**Chemex Labs Ltd.**
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[redacted] MARK MANAGEMENT LIMITED
1800 - 999 W. HASTINGS ST.
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Project : DAWSON-REEF
Comments: ATTN: ART TROUP CC: PERRY GRUNENBERG

[redacted] No. : 6-A
Tot. Pages: 7
Date : 15-JUL-88
Invoice # : I-8818345
P.O. # : ADR-KDR

# CERTIFICATE OF ANALYSIS A8818345

| SAMPLE DESCRIPTION | PREP CODE | | Au ppb FA+AA | Al % | Ag ppm | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L23AE 05+00S | 201 | 238 | < 5 | 0.96 | 0.2 | 75 | 160 | < 0.5 | < 2 | 0.08 | < 0.5 | 3 | 13 | 6 | 1.41 | < 10 | 1 | 0.14 | 30 | 0.22 | 91 |
| L26E 00+00S | 201 | 238 | < 5 | 0.86 | 0.4 | < 5 | 260 | < 0.5 | < 2 | 0.06 | < 0.5 | 3 | 8 | 18 | 1.29 | < 10 | < 1 | 0.11 | 50 | 0.21 | 55 |
| L26E 00+50S | 201 | 238 | < 5 | 1.23 | 0.2 | 260 | 220 | < 0.5 | 2 | 0.13 | 1.0 | 2 | 18 | 16 | 2.03 | < 10 | 1 | 0.09 | 40 | 0.31 | 136 |
| L26E 01+00S | 201 | 238 | < 5 | 0.61 | 0.2 | 55 | 210 | < 0.5 | 4 | 0.08 | < 0.5 | 3 | 8 | 9 | 0.94 | < 10 | 1 | 0.15 | 50 | 0.17 | 117 |
| L26E 01+50S | 201 | 238 | < 5 | 1.63 | 0.2 | 105 | 150 | < 0.5 | < 2 | 0.06 | < 0.5 | 3 | 20 | 10 | 2.08 | < 10 | < 1 | 0.11 | 20 | 0.28 | 119 |
| L26E 02+00S | 201 | 238 | < 5 | 2.02 | 0.2 | 40 | 210 | < 0.5 | < 2 | 0.09 | < 0.5 | 2 | 23 | 10 | 2.33 | < 10 | 2 | 0.12 | 20 | 0.41 | 168 |
| L26E 02+50S | 201 | 238 | < 5 | 1.32 | 0.2 | 25 | 190 | < 0.5 | 2 | 0.07 | < 0.5 | 3 | 10 | 6 | 1.68 | < 10 | < 1 | 0.14 | 10 | 0.40 | 124 |
| L26E 03+00S | 201 | 238 | < 5 | 1.52 | 0.2 | 20 | 210 | < 0.5 | 4 | 0.09 | 0.5 | 3 | 18 | 8 | 1.83 | < 10 | < 1 | 0.16 | 20 | 0.31 | 120 |
| L26E 03+50S | 201 | 238 | < 5 | 1.37 | 0.2 | 115 | 190 | < 0.5 | 6 | 0.08 | < 0.5 | 3 | 14 | 10 | 1.73 | < 10 | < 1 | 0.20 | 30 | 0.27 | 108 |
| L26E 04+00S | 201 | 238 | < 5 | 0.57 | 0.2 | 35 | 220 | < 0.5 | < 2 | 0.06 | < 0.5 | 1 | 5 | 4 | 0.63 | 10 | < 1 | 0.26 | 60 | 0.10 | 53 |
| L26E 04+50S | 201 | 238 | < 5 | 1.34 | 0.2 | 45 | 330 | < 0.5 | 2 | 0.14 | < 0.5 | 3 | 18 | 9 | 1.77 | < 10 | 1 | 0.18 | 40 | 0.32 | 259 |
| L26E 05+00S | 201 | 238 | < 5 | 0.83 | 0.2 | 75 | 270 | < 0.5 | 4 | 0.14 | < 0.5 | 3 | 9 | 8 | 1.18 | < 10 | 1 | 0.25 | 40 | 0.24 | 156 |
| L26E 05+50S | 201 | 238 | < 5 | 0.93 | 0.2 | 55 | 220 | < 0.5 | 2 | 0.11 | < 0.5 | 2 | 9 | 7 | 1.15 | < 10 | < 1 | 0.23 | 30 | 0.27 | 87 |
| L26E 06+00S | 201 | 238 | < 5 | 0.73 | 0.2 | 40 | 240 | < 0.5 | 2 | 0.13 | < 0.5 | 2 | 5 | 4 | 0.76 | < 10 | < 1 | 0.25 | 40 | 0.18 | 64 |
| L26E 06+50S | 201 | 238 | < 5 | 1.04 | 0.2 | 70 | 430 | < 0.5 | 4 | 0.19 | < 0.5 | 3 | 12 | 7 | 1.12 | 10 | < 1 | 0.18 | 50 | 0.21 | 197 |
| L26E 07+00S | 201 | 238 | < 5 | 0.79 | 0.2 | 80 | 120 | < 0.5 | 2 | 0.05 | < 0.5 | 2 | 9 | 11 | 1.05 | < 10 | < 1 | 0.14 | 50 | 0.12 | 44 |
| L26E 07+50S | 201 | 238 | < 5 | 0.81 | 0.2 | 50 | 110 | < 0.5 | < 2 | 0.08 | < 0.5 | 3 | 10 | 8 | 0.93 | 10 | < 1 | 0.12 | 60 | 0.14 | 49 |
| L26E 08+00S | 201 | 238 | < 5 | 1.28 | 0.2 | 35 | 160 | < 0.5 | 4 | 0.13 | < 0.5 | 2 | 15 | 6 | 1.54 | < 10 | < 1 | 0.10 | 30 | 0.22 | 75 |
| L26E 08+50S | 201 | 238 | < 5 | 1.50 | 0.2 | 35 | 150 | < 0.5 | < 2 | 0.12 | < 0.5 | 2 | 19 | 9 | 1.84 | < 10 | 2 | 0.14 | 40 | 0.29 | 100 |
| L26E 09+00S | 201 | 238 | < 5 | 1.24 | 0.2 | 15 | 230 | < 0.5 | 2 | 0.17 | < 0.5 | 3 | 18 | 8 | 1.57 | < 10 | < 1 | 0.13 | 40 | 0.29 | 120 |
| L26E 09+50S | 201 | 238 | 15 | 1.28 | 0.2 | 20 | 240 | < 0.5 | 4 | 0.17 | < 0.5 | 3 | 14 | 10 | 1.48 | < 10 | < 1 | 0.17 | 40 | 0.29 | 101 |
| L26E 10+00S | 201 | 238 | 10 | 1.34 | 0.2 | 40 | 170 | < 0.5 | < 2 | 0.13 | < 0.5 | 2 | 15 | 8 | 1.81 | < 10 | < 1 | 0.17 | 40 | 0.33 | 155 |
| L27E 00+00S | 201 | 238 | < 5 | 1.43 | 0.2 | 105 | 240 | < 0.5 | < 2 | 0.13 | 0.5 | 6 | 19 | 17 | 2.09 | < 10 | < 1 | 0.10 | 40 | 0.32 | 132 |
| L27E 00+50S | 201 | 238 | < 5 | 0.71 | 0.2 | 220 | 260 | < 0.5 | < 2 | 0.10 | 0.5 | 3 | 6 | 16 | 1.95 | < 10 | < 1 | 0.15 | 70 | 0.20 | 81 |
| L27E 01+00S | 201 | 238 | < 5 | 1.47 | 0.2 | 100 | 200 | 0.5 | < 2 | 0.08 | < 0.5 | 2 | 17 | 9 | 2.02 | < 10 | < 1 | 0.12 | 40 | 0.33 | 132 |
| L27E 01+50S | 201 | 238 | < 5 | 1.85 | 0.2 | 35 | 230 | 0.5 | 2 | 0.10 | < 0.5 | 7 | 27 | 10 | 2.41 | < 10 | < 1 | 0.07 | 30 | 0.42 | 178 |
| L27E 02+00S | 201 | 238 | < 5 | 1.96 | 0.2 | 35 | 210 | 0.5 | 4 | 0.10 | < 0.5 | 10 | 34 | 22 | 2.82 | < 10 | < 1 | 0.08 | 30 | 0.53 | 231 |
| L27E 02+50S | 201 | 238 | < 5 | 2.15 | 0.2 | 55 | 200 | 0.5 | 4 | 0.09 | < 0.5 | 6 | 15 | 10 | 2.73 | < 10 | < 1 | 0.14 | 20 | 0.63 | 211 |
| L27E 03+00S | 201 | 238 | < 5 | 1.55 | 0.2 | 100 | 210 | 0.5 | 4 | 0.08 | < 0.5 | 2 | 15 | 11 | 1.91 | < 10 | < 1 | 0.16 | 30 | 0.37 | 141 |
| L27E 03+50S | 201 | 238 | < 5 | 1.42 | 0.2 | 55 | 200 | < 0.5 | < 2 | 0.09 | < 0.5 | 3 | 10 | 6 | 1.76 | < 10 | < 1 | 0.22 | 30 | 0.25 | 111 |
| L27E 04+00S | 201 | 238 | < 5 | 2.02 | 0.2 | 100 | 210 | 0.5 | 4 | 0.13 | < 0.5 | 8 | 24 | 10 | 2.71 | < 10 | < 1 | 0.17 | 30 | 0.40 | 199 |
| L27E 04+50S | 201 | 238 | < 5 | 0.96 | 0.2 | 90 | 120 | < 0.5 | < 2 | 0.04 | < 0.5 | 3 | 8 | 7 | 1.50 | < 10 | < 1 | 0.16 | 20 | 0.15 | 80 |
| L27E 05+00S | 201 | 238 | < 5 | 1.39 | 0.2 | 110 | 240 | 0.5 | < 2 | 0.08 | < 0.5 | 7 | 15 | 7 | 2.53 | < 10 | < 1 | 0.19 | 30 | 0.27 | 129 |
| L27E 05+50S | 201 | 238 | < 5 | 0.94 | 0.2 | 35 | 180 | < 0.5 | 2 | 0.08 | < 0.5 | 3 | 12 | 7 | 1.51 | < 10 | < 1 | 0.18 | 20 | 0.23 | 96 |
| L27E 06+00S | 201 | 238 | < 5 | 0.85 | 0.2 | 295 | 100 | < 0.5 | 2 | 0.11 | < 0.5 | 3 | 3 | 9 | 1.48 | < 10 | < 1 | 0.12 | 10 | 0.32 | 109 |
| L27E 06+50S | 201 | 238 | < 5 | 1.18 | 0.2 | 195 | 450 | < 0.5 | 2 | 0.19 | < 0.5 | 7 | 8 | 11 | 1.69 | < 10 | 1 | 0.20 | 40 | 0.30 | 345 |
| L27E 07+00S | 201 | 238 | < 5 | 0.80 | 0.2 | 360 | 370 | < 0.5 | < 2 | 0.32 | 0.5 | 1 | 3 | 7 | 1.37 | < 10 | < 1 | 0.29 | 50 | 0.10 | 76 |
| L27E 07+50S | 201 | 238 | < 5 | 0.61 | 0.2 | 110 | 110 | < 0.5 | < 2 | 0.04 | < 0.5 | 3 | 3 | 8 | 0.89 | < 10 | < 1 | 0.15 | 50 | 0.11 | 87 |
| L27E 08+00S | 201 | 238 | 10 | 1.04 | 0.2 | 35 | 150 | < 0.5 | < 2 | 0.08 | < 0.5 | 3 | 12 | 15 | 1.73 | < 10 | < 1 | 0.07 | 30 | 0.21 | 78 |
| L27E 08+50S | 201 | 238 | 5 | 1.16 | 0.2 | 30 | 260 | < 0.5 | < 2 | 0.16 | < 0.5 | 4 | 9 | 8 | 1.34 | < 10 | < 1 | 0.18 | 40 | 0.23 | 92 |

CERTIFICATION : BC

**Chemex Labs Ltd.**
Analytical Chemists * Geochemists * Registered Assayers
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Page No. : 6-B
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P.O. # : ADR-KDR

# CERTIFICATE OF ANALYSIS A8818345

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L23AE 05+00S | 201 | 238 | < 1 | 0.01 | 8 | 100 | 16 | < 5 | 2 | 10 | 0.05 | < 10 | < 10 | 29 | < 5 | 29 |
| L26E 00+00S | 201 | 238 | 1 | 0.01 | 4 | 180 | 108 | 10 | 2 | 13 | 0.02 | < 10 | < 10 | 14 | < 5 | 51 |
| L26E 00+50S | 201 | 238 | 2 | 0.01 | 10 | 230 | 66 | < 5 | 2 | 16 | 0.05 | < 10 | < 10 | 30 | < 5 | 60 |
| L26E 01+00S | 201 | 238 | < 1 | 0.01 | 7 | 210 | 24 | < 5 | 2 | 9 | 0.02 | < 10 | < 10 | 12 | < 5 | 32 |
| L26E 01+50S | 201 | 238 | < 1 | 0.01 | 11 | 130 | 14 | < 5 | 2 | 9 | 0.03 | < 10 | < 10 | 35 | < 5 | 35 |
| L26E 02+00S | 201 | 238 | < 1 | 0.01 | 10 | 100 | 14 | < 5 | 4 | 12 | 0.06 | < 10 | < 10 | 44 | < 5 | 46 |
| L26E 02+50S | 201 | 238 | 1 | 0.01 | 8 | 100 | 16 | < 5 | 2 | 10 | 0.03 | < 10 | < 10 | 23 | < 5 | 38 |
| L26E 03+00S | 201 | 238 | 2 | 0.01 | 9 | 90 | 14 | < 5 | 2 | 10 | 0.04 | < 10 | < 10 | 31 | < 5 | 35 |
| L26E 03+50S | 201 | 238 | 1 | 0.01 | 8 | 90 | 8 | < 5 | 2 | 10 | 0.03 | < 10 | < 10 | 27 | < 5 | 30 |
| L26E 04+00S | 201 | 238 | < 1 | 0.01 | 3 | 140 | 8 | < 5 | 1 | 9 | 0.01 | < 10 | < 10 | 8 | < 5 | 17 |
| L26E 04+50S | 201 | 238 | 1 | 0.01 | 8 | 130 | 8 | < 5 | 2 | 13 | 0.05 | < 10 | < 10 | 34 | < 5 | 34 |
| L26E 05+00S | 201 | 238 | < 1 | 0.01 | 6 | 170 | 10 | < 5 | 2 | 13 | 0.01 | < 10 | < 10 | 13 | < 5 | 30 |
| L26E 05+50S | 201 | 238 | 1 | 0.01 | 6 | 140 | 16 | < 5 | 2 | 10 | 0.01 | < 10 | < 10 | 13 | < 5 | 29 |
| L26E 06+00S | 201 | 238 | < 1 | 0.01 | 2 | 210 | 18 | < 5 | 2 | 10 | < 0.01 | < 10 | < 10 | 8 | < 5 | 21 |
| L26E 06+50S | 201 | 238 | 1 | 0.01 | 8 | 180 | 32 | < 5 | 2 | 20 | 0.03 | < 10 | < 10 | 23 | < 5 | 36 |
| L26E 07+00S | 201 | 238 | 1 | 0.01 | 5 | 220 | 58 | < 5 | 1 | 8 | 0.01 | < 10 | < 10 | 14 | < 5 | 46 |
| L26E 07+50S | 201 | 238 | 1 | 0.01 | 6 | 200 | 56 | < 5 | 2 | 10 | 0.03 | < 10 | < 10 | 20 | < 5 | 38 |
| L26E 08+00S | 201 | 238 | < 1 | 0.01 | 4 | 160 | 48 | < 5 | 2 | 13 | 0.06 | < 10 | < 10 | 37 | < 5 | 28 |
| L26E 08+50S | 201 | 238 | 2 | 0.01 | 5 | 200 | 54 | < 5 | 2 | 12 | 0.07 | < 10 | < 10 | 39 | < 5 | 43 |
| L26E 09+00S | 201 | 238 | < 1 | 0.01 | 7 | 210 | 54 | < 5 | 2 | 17 | 0.06 | < 10 | < 10 | 32 | < 5 | 38 |
| L26E 09+50S | 201 | 238 | < 1 | 0.01 | 11 | 370 | 40 | < 5 | 2 | 17 | 0.04 | < 10 | < 10 | 27 | < 5 | 45 |
| L26E 10+00S | 201 | 238 | < 1 | 0.01 | 6 | 320 | 62 | < 5 | 2 | 12 | 0.05 | < 10 | < 10 | 32 | 10 | 50 |
| L27E 00+00S | 201 | 238 | < 1 | 0.01 | 9 | 260 | 36 | < 5 | 3 | 13 | 0.06 | < 10 | < 10 | 38 | 5 | 51 |
| L27E 00+50S | 201 | 238 | 1 | 0.01 | 8 | 300 | 72 | < 5 | 2 | 34 | 0.01 | < 10 | < 10 | 11 | 5 | 65 |
| L27E 01+00S | 201 | 238 | < 1 | 0.01 | 10 | 110 | 22 | < 5 | 2 | 10 | 0.04 | < 10 | < 10 | 32 | < 5 | 35 |
| L27E 01+50S | 201 | 238 | 1 | 0.01 | 10 | 100 | 16 | < 5 | 3 | 12 | 0.08 | < 10 | < 10 | 48 | < 5 | 40 |
| L27E 02+00S | 201 | 238 | < 1 | 0.01 | 23 | 120 | 6 | < 5 | 7 | 13 | 0.10 | < 10 | < 10 | 56 | < 5 | 55 |
| L27E 02+50S | 201 | 238 | < 1 | 0.01 | 10 | 180 | 6 | < 5 | 4 | 13 | 0.05 | < 10 | < 10 | 38 | < 5 | 67 |
| L27E 03+00S | 201 | 238 | < 1 | 0.01 | 9 | 70 | 12 | < 5 | 3 | 12 | 0.04 | < 10 | < 10 | 31 | < 5 | 41 |
| L27E 03+50S | 201 | 238 | < 1 | 0.01 | 5 | 120 | 22 | < 5 | 3 | 14 | 0.03 | < 10 | < 10 | 27 | < 5 | 33 |
| L27E 04+00S | 201 | 238 | 1 | 0.01 | 13 | 180 | 24 | < 5 | 3 | 15 | 0.08 | < 10 | < 10 | 54 | < 5 | 42 |
| L27E 04+50S | 201 | 238 | < 1 | 0.01 | 9 | 80 | 18 | < 5 | 2 | 9 | 0.04 | < 10 | < 10 | 19 | < 5 | 35 |
| L27E 05+00S | 201 | 238 | 1 | 0.01 | 7 | 320 | < 2 | < 5 | 3 | 10 | 0.05 | < 10 | < 10 | 41 | < 5 | 39 |
| L27E 05+50S | 201 | 238 | < 1 | 0.01 | 8 | 80 | 14 | < 5 | 2 | 10 | 0.05 | < 10 | < 10 | 25 | < 5 | 27 |
| L27E 06+00S | 201 | 238 | < 1 | < 0.01 | 5 | 230 | 24 | < 5 | 2 | 10 | 0.02 | < 10 | < 10 | 6 | < 5 | 54 |
| L27E 06+50S | 201 | 238 | < 1 | 0.01 | 8 | 290 | 24 | < 5 | 3 | 19 | 0.03 | < 10 | < 10 | 24 | < 5 | 71 |
| L27E 07+00S | 201 | 238 | < 1 | 0.01 | 4 | 210 | 24 | < 5 | 2 | 32 | < 0.01 | < 10 | < 10 | 11 | 5 | 53 |
| L27E 07+50S | 201 | 238 | 1 | 0.01 | 4 | 190 | 50 | < 5 | 1 | 6 | 0.01 | < 10 | < 10 | 10 | 15 | 87 |
| L27E 08+00S | 201 | 238 | 1 | 0.01 | 7 | 220 | 104 | < 5 | 2 | 11 | 0.04 | < 10 | < 10 | 26 | 5 | 44 |
| L27E 08+50S | 201 | 238 | 1 | 0.01 | 6 | 420 | 54 | < 5 | 2 | 19 | 0.02 | < 10 | < 10 | 20 | 15 | 40 |

CERTIFICATION :

# Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221


[redacted]MARK MANAGEMENT LIMITED

1800 - 999 W. HASTINGS ST.
VANCOUVER, BC
V6C 2W2

Project : DAWSON-REEF
Comments: ATTN: ART TROUP CC: PERRY GRUNENBERG


Date : 15-JUL-88
Invoice # : I-8818345
P.O. # : ADR-KDR

## CERTIFICATE OF ANALYSIS A8818345

| SAMPLE DESCRIPTION | PREP CODE | | Au ppb FA+AA | Al % | Ag ppm | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L27E 09+00S | 201 | 238 | < 5 | 1.13 | < 0.2 | 30 | 220 | < 0.5 | < 2 | 0.13 | < 0.5 | 3 | 14 | 9 | 1.58 | < 10 | < 1 | 0.11 | 40 | 0.27 | 123 |
| L27E 09+50S | 201 | 238 | < 5 | 1.30 | < 0.2 | 25 | 190 | < 0.5 | 6 | 0.14 | < 0.5 | 7 | 15 | 12 | 1.81 | < 10 | < 1 | 0.10 | 30 | 0.32 | 137 |
| L27E 10+00S | 201 | 238 | 20 | 1.10 | < 0.2 | 25 | 170 | < 0.5 | < 2 | 0.12 | 0.5 | 3 | 12 | 10 | 1.47 | < 10 | < 1 | 0.13 | 40 | 0.28 | 96 |

CERTIFICATION : BC

**Chemex Labs Ltd.**
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212 BROOKSBANK AVE. NORTH VANCOUVER,
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Pa[redacted]o. : 7-B
Tot. Pages: 7
Date : 15-JUL-88
Invoice # : I-8818345
P.O. # : ADR-KDR

# CERTIFICATE OF ANALYSIS A8818345

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L27E 09+00S | 201 | 238 | < 1 | 0.01 | 9 | 380 | 36 | < 5 | 2 | 12 | 0.04 | < 10 | < 10 | 26 | < 5 | 41 |
| L27E 09+50S | 201 | 238 | 2 | 0.01 | 10 | 370 | 22 | < 5 | 2 | 12 | 0.05 | < 10 | < 10 | 33 | 5 | 43 |
| L27E 10+00S | 201 | 238 | < 1 | 0.01 | 8 | 300 | 30 | < 5 | 2 | 11 | 0.04 | < 10 | < 10 | 25 | 5 | 41 |

CERTIFICATION : [signature]