

ARBOR RESOURCES INC.  
GEOLOGICAL, GEOCHEMICAL, GEOPHYSICAL  
DIAMOND AND ROTARY DRILLING REPORT  
ON THE  
LONE STAR PROPERTY  
DAWSON MINING DISTRICT, YUKON  
NTS 115 0/14



APRIL, 1988.

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



CLAIMS WORKED: (see Table I)

WORK PERIOD: June 1 to November 12, 1987

PROPERTY LOCATION: 63°53' / 139°14'

OWNER: Dawson Eldorado Gold Explorations Ltd.

OPERATOR: Arbor Resources Inc.

CONSULTANT: A.G.Troup, Archean Engineering Ltd.

PROJECT GEOLOGIST: Perry Grunenberg, Mark Management Ltd.

092132

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 \$ 882,331.20.

*for* 

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



281

**GEOLOGICAL, GEOCHEMICAL, GEOPHYSICAL,  
DIAMOND AND ROTARY DRILLING  
REPORT  
ON THE  
LONE STAR PROPERTY  
DAWSON MINING DISTRICT, YUKON**

**SUMMARY**

In 1986, ARBOR RESOURCES INC. optioned 285 full-size, or parts thereof, lode mineral claims and 14 Crown Granted claims in the Klondike Mining District of northwestern Yukon Territory, approximately 14 km (9 miles) south-southeast of Dawson City. The claims were staked along the valley of Bonanza and Eldorado Creeks and are owned by DAWSON ELDORADO GOLD EXPLORATIONS LTD. of Calgary, Alberta. These claims are adjacent to and overlie some of the most productive placer gravel deposits in the Klondike.

The geology of the claims indicates that the area is underlain by Klondike Schist which is considered to be genetically related to the source of the placer gold. Gold bearing horizons appear to be contained within a broad anticline which plunges north between Eldorado and Upper Bonanza Creeks. Structurally, the area is further complicated with multiple stages of folding and faulting.

The 1987 programme was designed to further explore anomalous zones which were successfully drilled during the 1986 exploration programme. The year's work began with the completion of a geophysical airborne survey. Ground work included extensive geochemical and geophysical surveying, followed by trenching and drilling of the best targets.

The main soil sampling grid over the Lone Star ridge successfully extended previously outlined gold anomalous zones near Gay Gulch and near the old Lone Star mine site. In both of these areas the anomalies were extended for more than 3 kilometres in a northwesterly direction.

VLF-EM16 surveys carried out near 7-Pup Gulch, and over '3851' Hill (east of the old Lone Star), both outlined conductive trends. Trenching and/or drilling of these conductors uncovered graphite bearing schist which explains the conductivity. These ground surveys combine with the airborne survey to show that graphitic schist horizons are continuous on the Lone Star property, and may be used as marker horizons in following stratigraphy.

Trenching of soil gold anomalies uncovered gold bearing schists and quartz veins. The majority of samples which contained anomalous gold values were from iron stained quartz muscovite schists. Highest individual gold assays were from quartz veins or pods, some of which contain visible gold.

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**SUMMARY CONTINUED**

Drilling returned many gold bearing intervals from both rotary and diamond drill samples. In the Gay Gulch area previously intersected gold bearing horizons were further delineated. An estimate of the dip of the horizon was obtained, and its geological nature was assessed. Near the old Lone Star mine, results from rotary drilling extended the known gold bearing horizon further down dip, and further to the east along strike.

Results to date suggest that gold bearing horizons on the Lone Star property are strataform, related to a particular time horizon of volcanogenic emplacement. Remobilization of gold bearing solutions during metamorphism is likely responsible for further concentrating gold within the schists.

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**GEOLOGICAL, GEOCHEMICAL, AND  
DIAMOND AND ROTARY DRILLING  
REPORT  
ON THE  
LONE STAR PROPERTY  
DAWSON MINING DISTRICT, YUKON**

## **1.0 INTRODUCTION**

In 1986, ARBOR RESOURCES INC. agreed to option a total of 299 full-sized mineral claims (including Crown Granted claims), or parts thereof, staked and held by Dawson Eldorado Gold Explorations Ltd. These claims are located along the valleys of Bonanza and Eldorado Creeks.

This report covers work completed by MARK MANAGEMENT LTD. on the property between June 1 and November 12, 1987.

This year's exploration programme began with the completion of a combined helicopter supported four frequency electromagnetic, high sensitivity cesium vapour magnetic, two frequency VLF-EM, and altimeter survey, utilizing a video flight path tracking film for control. This survey was carried out by Aerodat Limited of Mississauga, Ontario, and results are contained within a separate report (Aerodat report #J8642).

Ground follow-up was designed to search for high grade gold bearing rock throughout all areas of the property by further testing previously discovered anomalies, and by outlining and testing new anomalous zones.

## **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, all-weather, Klondike Highway from Whitehorse on the Alaska Highway, a distance of 535 km (333 miles). Dawson City is presently served by scheduled flights of Alcan Air from Whitehorse where connections to Vancouver or Edmonton are available, and by Air North from Fairbanks where connections to Vancouver and Seattle are available.

The mineral claims are located 14 km (9 miles) south-southeast of Dawson City in the famous Klondike Mining District (Figure 1). The claims are located along the valley of Bonanza and Eldorado Creeks (Figure 2).

# ARBOR RESOURCES INC.

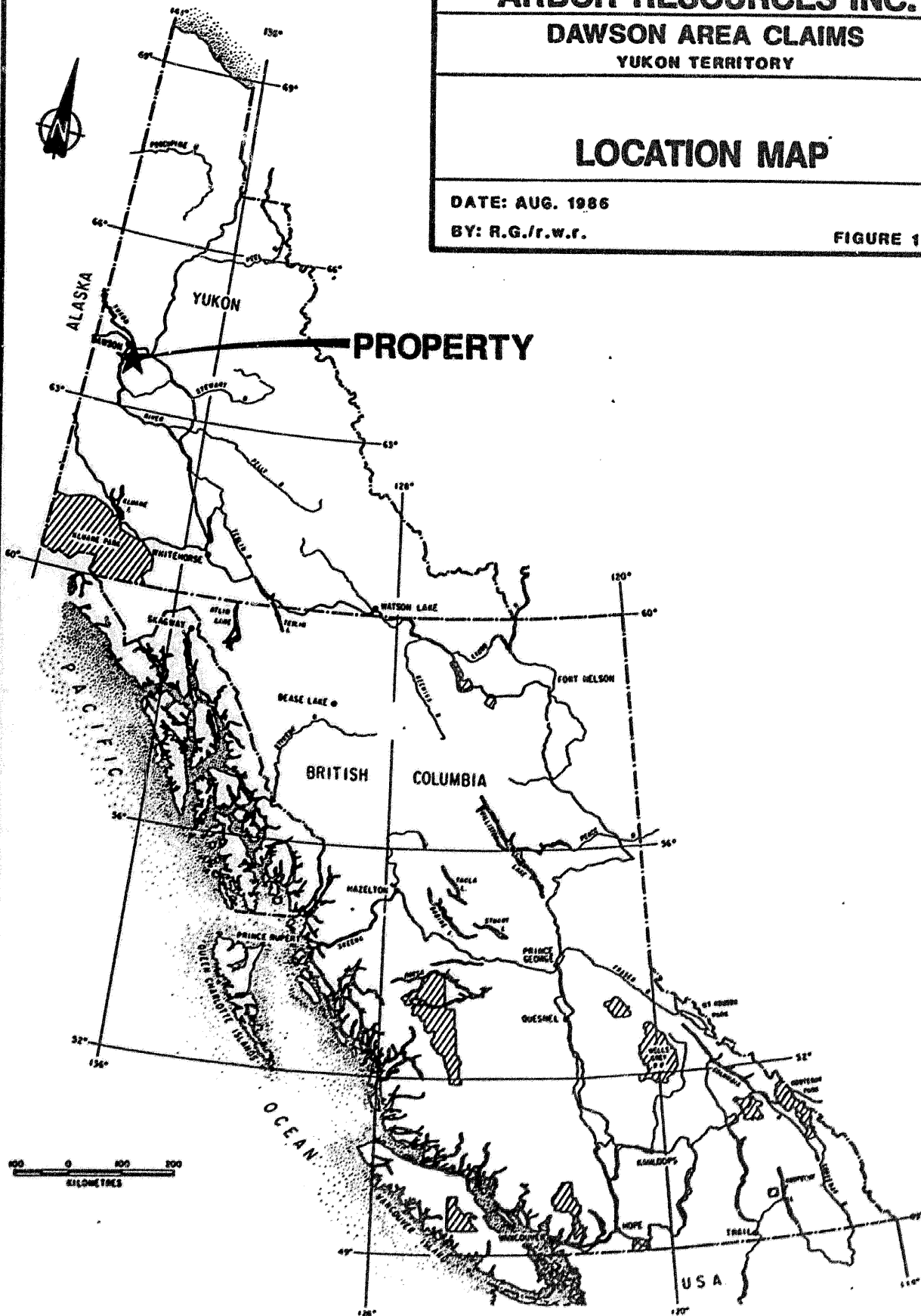
## DAWSON AREA CLAIMS YUKON TERRITORY

### LOCATION MAP

DATE: AUG. 1986

BY: R.G./r.w.r.

FIGURE 1



Relief is on the order of 650 m (2128 ft) with elevations ranging from 495 m (1623 ft) to 1173 m (3851 ft). Terrestrial coordinates for the centre of the claim block are as follows:

63° 53' North Latitude  
139° 15' West Longitude.

Excellent access to the property is provided by the well-maintained, all-weather Klondike Highway which connects with the Bonanza Creek Road approximately 3 km (2 miles) east of Dawson City. The Bonanza Creek Road branches at the former site of the town of Grand Forks with roads going along both Bonanza and Eldorado Creeks. Several recently completed 'bush' roads provide good access for 4X4 truck and other off road vehicles, within much of the claim group.

## 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 from 150 m (500 ft) to 200 m (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.84, 1957). Today, the valleys are flat and wide in their lower reaches, but gradually narrow toward their head waters into steep-sided gulches ending in broad, amphitheater-shaped bowls.

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 m (1050 ft) at Dawson City to 1295 m (4048 ft) at the top of King Solomon Dome, a span of approximately 915 m (3000 ft). The principal gold-producing

streams of the Klondike originate near, and radiate in a general way from, King Solomon Dome, flowing eventually into the Klondike River on the north and the Indian River on the south and thence into the Yukon River.

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

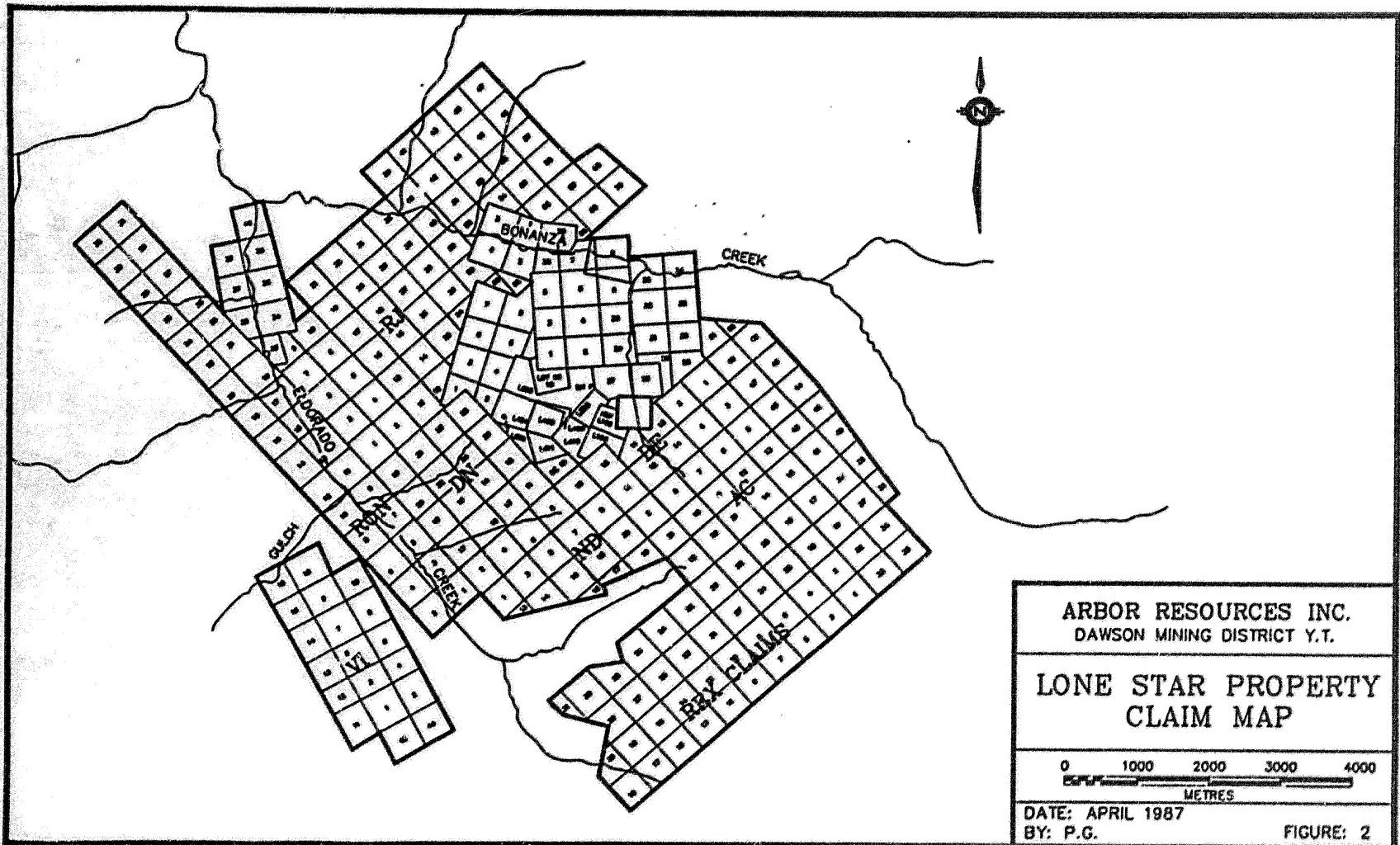
The property is located in the Dawson Mining District of northwestern Yukon Territory and consists of 285 located mineral claims and 14 Crown Granted claims covering an area of approximately 63 sq km (24 sq miles) (Figure 2). Claim information is listed in Table I.

**TABLE I**  
**CLAIM STATUS**

<b>CLAIM NAME</b>	<b>GRANT NO.</b>	<b>ANNIVERSARY DATE</b>
DE 1-14	YA55250-263 (14)	DECEMBER 31
AC 1-12	YA64270-281 (12)	DECEMBER 31
AC 12-35	YA65627-650 (24)	DECEMBER 31
RJ 1-32	YA64216-247 (32)	DECEMBER 31
RJ 39-60	YA65595-616 (22)	DECEMBER 31
RJ 62-63	YA65618-619 (2)	DECEMBER 31
RJ 65-70	YA65621-626 (6)	DECEMBER 31
RON 1-40	YA10300-039 (40)	DECEMBER 31
CIM 1-4	YA64519-522 (4)	DECEMBER 31
REX 1-51	YA84183-233 (51)	DECEMBER 31
DN 1-2	YA32783-784 (2)	DECEMBER 31
DN 3-9	YA47890-896 (7)	DECEMBER 31
DN 10	YA47082 (1)	DECEMBER 31
DN 11-26	YA32946-961 (16)	DECEMBER 31
DN 27-31	YA47083-087 (5)	DECEMBER 31
DN 32-33	YA47604-605 (2)	DECEMBER 31
DN 1F-2F	YA47090-091 (2)	DECEMBER 31
DN F	YA47088 (1)	DECEMBER 31
ND 1-22	YA49724-745 (22)	DECEMBER 31
ND F	YA47089 (1)	DECEMBER 31
VI 1-15	YA55285-299 (15)	DECEMBER 31
VI 16	YA65523 (1)	DECEMBER 31
VI 18	YA65525 (1)	DECEMBER 31
VI 43-44	YA65550-551 (2)	DECEMBER 31

**GROWN GRANTED CLAIMS      LOT NO.**

VICTORIA	86
PORPHYRY LODGE	104
YANKEE GIRL	105
ESTER EDNA	106
ARGYLE	223
NEW BONANZA	408
NIOBE FRACTION	409
LONE STAR	410
ZULU CHIEF	411
NEW BONANZA NO. 2	424
SWASTIKA	533
UDAS	534
CATO	535
THISTLE	536



#### 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 a 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; although only one dredge is presently working in the Dawson Mining District (at Clear Creek), many operators have introduced the largest earth moving equipment available, and for five months a year the area is alive with small and medium-sized operations re-working or re-examining the area.

The earliest known staking for lode deposits was in 1899 on an auriferous quartz vein known as the Corthay Vein (Maclean, 1914). This vein was later mined by the Lone Star Company. At about the same time as the initial staking, numerous other auriferous sulphide-bearing, quartz veins were discovered in the region. It appears, however, that little real work was completed on any of the lode prospects until 1910. In 1909, the Lone Star Company Ltd. was organized to explore the Lone Star property which was the most promising lode prospect at the time.

Historical accounts show that the Lone Star Company mined 8,435 tons recovering 0.148 oz/ton Au from the mine site between 1912 and 1914 (Roche, 1916). A 4-stamp mill processed the ore and amalgamation recovered the gold. It appears that sulphides were discarded and only free gold was recovered. The ore was mined without selection from a 105 m long open cut which was up to 10 m wide and 8 m deep. Downward extension of the mineralization was tested by a 7 m deep shaft and a cross-cut 18 m below the open cut. By 1914 there had been 230 m of drifting under the cut, 70 m of which was on the Corthay Vein. In 1914, grades dropped substantially after a fault was encountered and subsequent caving caused the mine to close.

## 1.5 PREVIOUS WORK

The area is partially covered by placer leases, and since the turn of the century, much of the area has been held for its lode potential. The general area surrounding the Lone Star has been sporadically prospected since the turn of the century. Numerous small pits and trenches on surface showings of quartz float or veins are scattered along the Lone Star ridge and attest to the considerable primitive exploration that took place during the early days of the Klondike.

At the end of World War I, the Lone Star Company was reformed as Consolidated Lone Star Ltd. and resumed work during the 1925-1929 period, however, the work was without much success. By 1931, a new adit (190 m long) and raise (30 m) had been driven under the cut to connect the older, caved workings.

Yukon Consolidated Gold Corp. Ltd. optioned the property in 1946-47 and drove a 60 m cross-cut from the 1930-31 underground working for the purpose of exploring the northern end of the open cut. Six churn drill holes totalling 205 m and eight surface trenches were completed, all within 300 m of the north end of the cut. The company attempted to trace the northern extension of the mineralization; however, the results proved inconclusive and the option was terminated. The Lone Star Mine site workings have not been explored substantially since.

In 1960, the property was acquired by Klondike Lode Gold Mines Ltd. This group conducted the first systematic exploration of the area outside of the limits of the old workings. Contour-controlled bulldozer trenching was carried out on various parts of the claim group, and overburden samples from the trenches were panned and sluiced to determine gold content. Results were encouraging and six diamond drill holes totalling 238 m (781 ft) were drilled on the Eldorado Creek side of the claims in 1962. Unfortunately, the project was abandoned in 1962 due to lack of funds.

In 1979-80, Klondike Explorations Company Ltd. carried out VLF-EM and magnetometer surveys across Eldorado Creek at French Gulch. This was followed by minor diamond drilling in an attempt to locate what were believed to be auriferous structures beneath the creek. A coincident programme involving reverse circulation drilling in the creek to

locate buried placer gold was also conducted. This project was also hampered by lack of funds, and was terminated in 1980.

Dawson Eldorado Gold Explorations Ltd. acquired its present land position between 1980 and 1985 and were the first to attempt to understand the complex geological, geochemical, and mineralogical relationships involved with the property. In 1980, a resistivity survey was conducted over the Lone Star workings, with limited success (permafrost being the main problem). During 1981, much of the central portion of the claim group was soil sampled at 120 m stations using conventional sampling techniques and several bulldozer trenches were sampled. In 1984, the soil sampling grids were extended and additional bulldozer trenches were dug. In 1985, six rotary drill holes, totalling 168 m, were drilled in the vicinity of anomalous zones as outlined in the 1960 and 1981-84 programmes.

Exploration continued by Mark Management Ltd. for Arbor Resources and an extensive programme was completed during 1986 and early 1987. This programme included 86 km of magnetometer, 3 km of VLF-EM16, and 31.3 km of I.P. surveys. Reconnaissance work included 250 soil and 42 rock chip samples. Targets outlined by this ground work were later drilled, and a total of 8,589 feet of diamond and 9,210 feet of rotary drilling were completed. Diamond drill holes intersected strataform disseminated sulfide horizons which contained gold values up to 0.357 oz/T. These were commonly bounded by wider zones of lower grade gold content.

## 1.6 WORK COMPLETED 1987

A low level helicopter supported airborne geophysical survey was carried out by Aerodat Limited of Mississauga, Ontario, during December 1986 and January 1987.

Field work completed by Mark Management for Arbor Resources was carried out from June to November 1987. This work included:

- (1) Geophysical work consisted 10.35 km of VLF-EM16 and 18.3 km of Induced Polarization surveys. The latter was contracted to P.E. Walcott and Associates Ltd. and is discussed in a separate report (See Walcott reference).
- (2) 1599 'B' horizon soil samples taken from a pre-established grid on the claims.
- (3) 29 rock chip samples taken during geological mapping and prospecting on the claims.
- (4) 23 bulldozer trenches with a further 626 rock chip samples.
- (5) 5,546 feet of diamond drilling (E. Caron Diamond Drilling Ltd.)
- (6) 13,330 feet of reverse circulation rotary drilling (E. Caron Diamond Drilling Ltd.)

## 2.0 GEOLOGY

### 2.1 GENERAL GEOLOGY

Bedrock exposures amount to less than one per cent of the area and are generally confined to gulches, recent landslide areas, and road cuts. 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, early Tertiary volcanics/volcanoclastics and Tertiary 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 may represent metamorphosed outer shelf sediments of the ancient North American continent.

Most rocks exposed in the Klondike district predominantly 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 metamorphosed interbedded sediments and rhyolitic to andesitic tuffs. The contact between schists of the Klondike Series and graphitic schists of the Nasina Series is sheared, and suggests that the Klondike Series represents an allochthonous assemblage which has been thrust over Nasina shelf strata. U-Pb zircon dating indicates that the Klondike Schists are early Permian (280 m.y.) in age (Mortensen).

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

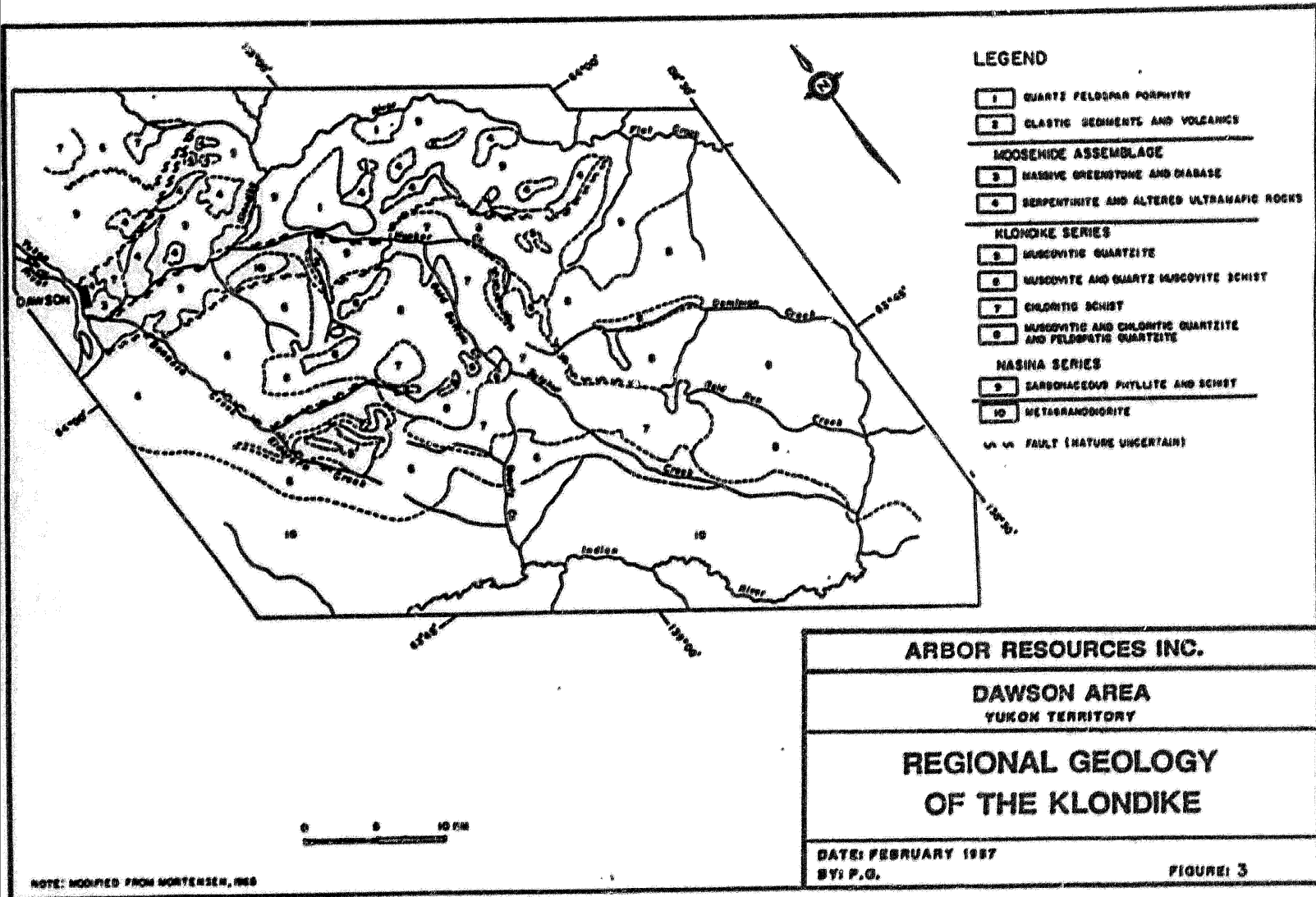
Structurally overlying rocks of the Klondike and Nasina Series are occurrences of greenstone and altered ultramafics belonging to the Moosehide Assemblage. Included in the ultramafic unit are a variety of rock types including massive, partially serpentized peridotite (harzburgite), massive to sheared serpentinite, silica-carbonate altered serpentinite, and talc-carbonate schist. Massive greenstone and strongly altered, fine to medium grained diabase are exposed in several steep bluffs in the vicinity of Dawson. These rocks are unfoliated and form part of a slab of greenstone and

serpentinite that underlies the southwestern slope of the Midnight Dome east of Dawson. Occurrences of greenstone and ultramafic rocks are commonly found along the sheared contact between the Klondike and Nasina Series rocks. They are thought to represent exotic slices of uncertain origin structurally emplaced during the thrust faulting.

Gently folded andesitic volcanics and clastic sediments 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. These have been dated as Tertiary to early Quaternary in age. Larger Tertiary intrusive bodies are rare in the Klondike except for a rhyolite porphyry stock that outcrops along Hunker Creek. Isotopic dating (Debicki) indicates that the porphyry is approximately 50 to 60 million years old.

Figure 3 is a generalized geologic map of the Klondike showing the approximate distribution of the Klondike Schist.



**LEGEND**

- 1 QUARTZ FELDSPAR PORPHYRY
- 2 CLASTIC SEDIMENTS AND VOLCANICS

---

- MOOSEHIDE ASSEMBLAGE**
- 3 MASSIVE GREENSTONE AND DIABASE
- 4 SERPENTINITE AND ALTERED ULTRAMAFIC ROCKS

---

- KLONDIKE SERIES**
- 5 MUSCOVITIC QUARTZITE
- 6 MUSCOVITE AND QUARTZ MUSCOVITE SCHIST
- 7 CHLORITIC SCHIST
- 8 MUSCOVITIC AND CHLORITIC QUARTZITE AND FELDSPATHIC QUARTZITE

---

- NASINA SERIES**
- 9 CARBONACEOUS PHYLLITE AND SCHIST
- 10 METARANDORITE

---

- FN FN FAULT (NATURE UNCERTAIN)

**ARBOR RESOURCES INC.**

**DAWSON AREA  
YUKON TERRITORY**

**REGIONAL GEOLOGY  
OF THE KLONDIKE**

DATE: FEBRUARY 1987  
BY: P.O.

FIGURE 3

NOTE: MODIFIED FROM MORTENSEN, 1968

## 2.2 PROPERTY GEOLOGY

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

Rocks on the Lone Star property are comprised of well-foliated, rust-yellow weathering, light grayish-green, undifferentiated chloritic schists, muscovite schists, and quartz-sericite schists. These schists are interbedded with narrow lenses of calcareous graphitic schist, particularly along Eldorado Creek, and with fine-grained, massive, tan weathering, grey-brown micaceous quartzites. Graphitic schists are traceable as marker horizons in stratigraphy.

The micaceous schists and quartzites commonly contain up to 15% small, blue quartz eyes. The quartz eyes may represent crystals, tuff fragments, or porphyroblasts.

To the west of the claim group the Klondike Schists are in contact with a blocky weathering, granitic textured, biotite-quartz-feldspar Orthogneiss. Thin section studies of these rocks indicate that they were originally medium to coarse grained plutonic rocks of granodiorite to quartz diorite composition, and may represent the original magma for those tuffs now comprising the Klondike Series.

All formations are interrupted by a number of north to north-west trending, magnetite bearing, quartz-feldspar porphyry (rhyolite) and diabase dykes which may be up to 60 m wide. Diabase dykes often contain serpentine alteration near surface; previously these had been mis-interpreted as thin ultramafic bodies. The dykes cut most structural trends but are offset by more recent northwest striking faults. The dykes may occupy old fault zones, and in places apparent offsets in strata of up to 300 metres is recorded. No extensive metamorphic halos are reported to be associated with these dykes.

Numerous quartz and quartz-carbonate lenses and pods dot the hillsides on the property. These are mostly stretched along the primary foliation plane within the schists, and were likely emplaced just prior to the last regional folding event. The majority of these lenses have a mappable strike length of under 100 metres, and widths of 30 to 100 centimetres. Quartz veins often contain galena, and are thought to be of a higher temperature mesothermal origin. The margins of quartz veins are often lined with pyrite, and in places visible gold has been found within the oxidized boxworks of pyrite (trench samples) at the quartz-country rock contact.

The local geology is complicated by a series of northwest trending antiforms and synforms. Interpretation of these features indicates that the schists are folded into a broad northwest trending anticline, with the hinge roughly following the ridge between Upper Bonanza and Eldorado Creeks. The repetition of graphitic schist horizons along Eldorado Creek to those found near the old Lone Star mine and Victoria Gulch, likely trace the opposing limbs of such an anticline. All stratigraphy in between would be subject to a similar kind of repetition. This is important if ore horizons prove to be strataform.

Foliation is generally parallel to regional stratigraphic trends, except along Eldorado Creek, where strikes are westerly with dips to the south.

A somewhat idealized version of the property geology is shown on figure 4. The target horizon for gold within the Klondike schists is outlined as a unit of quartz-muscovite schist which contains some combination of pyrite, arsenopyrite, mariposite, or grey colored carbonate blebs (diamond drill core observations). The gold bearing units intersected near the old Lone Star mine may be genetically related to those intersected near Gay Gulch. The source then represents a particular time horizon of volcanogenic deposition which resulted in the formation of some or all of the above minerals, and gold.

### 2.3 ECONOMIC GEOLOGY

With few exceptions, economic geology of the area has always been focused on the placer deposits. Since production began in 1896, the Klondike district southeast of Dawson City has been the source of more than half the placer gold produced in western Canada. This amounts to over 11 million ounces which at today's price represents over five billion Canadian dollars.

The earliest reported study on the lode deposits was by Cairnes (1911) in which he briefly described the development work on some of the more promising quartz veins in the district. One property (Boulder Lode), near the head waters of Victoria Gulch, a tributary of Bonanza Creek, was considered the source of the gold in the gulch, and along part of Bonanza Creek. The principal vein, with its associated surrounding mineralized zone, varied in thickness from 1 to 3 m (3 to 10 ft) and was traceable along strike for 120 m (400 ft) with a possible extension of another 200 m (600 ft). Cairnes failed to indicate the grade of this deposit, but he suggested that the gold content was in excess of 0.25 ounces per ton. Reserves in this vein indicated approximately 1500 tons per metre containing about 400 ounces per metre. McConnell (1905) reported that ten 500 foot wide placer claims along Victoria Gulch and Bonanza Creek produced over 200,000 ounces: the inference is that all the gold recovered in the placers could not have come solely from this vein.

Diamond drilling in 1986 of geochemical and geophysical targets near the Boulder Lode intercepted several sulfide rich horizons within quartz-muscovite and chloritic muscovite schists. Fire assays of samples from these zones detected gold values up to 0.357 oz/t. None of these gold bearing horizons were related to any quartz veining as studied by Cairnes. Rotary drilling during January and early February 1987 intersected several gold bearing zones between Oro Grande and Gay Gulches. Fire assays of samples from these zones detected gold values up to 0.230 oz/t at depths ranging from 6 m to 145 m (20 to 475 ft).

Continued trenching and drilling during 1987 has further confirmed and expanded the gold bearing horizons as outlined in previous drilling; near the old Lone Star workings, and between Oro Grande and Gay Gulches.

### 3.0 GEOCHEMISTRY

#### 3.1 SOIL SAMPLING

##### **SAMPLING, SAMPLE PREPARATION, AND ANALYTICAL PROCEDURES**

Soil sample surveys were carried out on two grids over the property. A major grid covered all of the ground between Eldorado and Upper Bonanza Creeks (Lone Star Ridge) from Grand Forks to Victoria and Gay Gulches. This grid was designed to extend the anomalies near the old Lone Star workings to the north, and near Gay Gulch to the south. This survey encompassed 1559 soil samples taken at an average spacing of 50 metres along line, over 25 lines. Line spacings of 100 and 200 metres were used.

A second grid (LE. samples) of 40 samples over two lines paralleling Little Eldorado Gulch was designed as a reconnaissance survey to seek anomalies in that area.

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 -35 mesh. The coarse fraction was then discarded and the fine fraction pulverized and analysed for gold by atomic absorption. Analysis for 32 other elements was obtained using the Inductively Coupled Plasma - Atomic Emission Spectrometry (ICP-AES) Technique.

##### **PRESENTATION AND DISCUSSION OF RESULTS**

Soil sampling grid and line locations are shown on figure 5.

The main grid over the Lone Star ridge was successful in extending the previously outlined gold anomalies near Gay Gulch and near the old Lone Star workings. The old Lone Star trend was extended towards Grand Forks for a distance of 4.5 km. The Gay Gulch trend was extended towards Irish Gulch for a distance of 3 km. A parallel series of anomalies near Eldorado Creek was also revealed, although placer contamination is suspected. Both of these paralleling anomalies strike at roughly 135°. This strike direction is the same as the strike of bedding in the region, so that the source of the geochemical anomalies in soils is thought to be related to a stratiform source. Furthermore, the position of the anomalies relative to graphitic schist marker horizons suggests that the anomalies are reflecting a particular gold bearing horizon which has been repeated by anticlinal folding along the Lone Star Ridge (see Property Geology section).

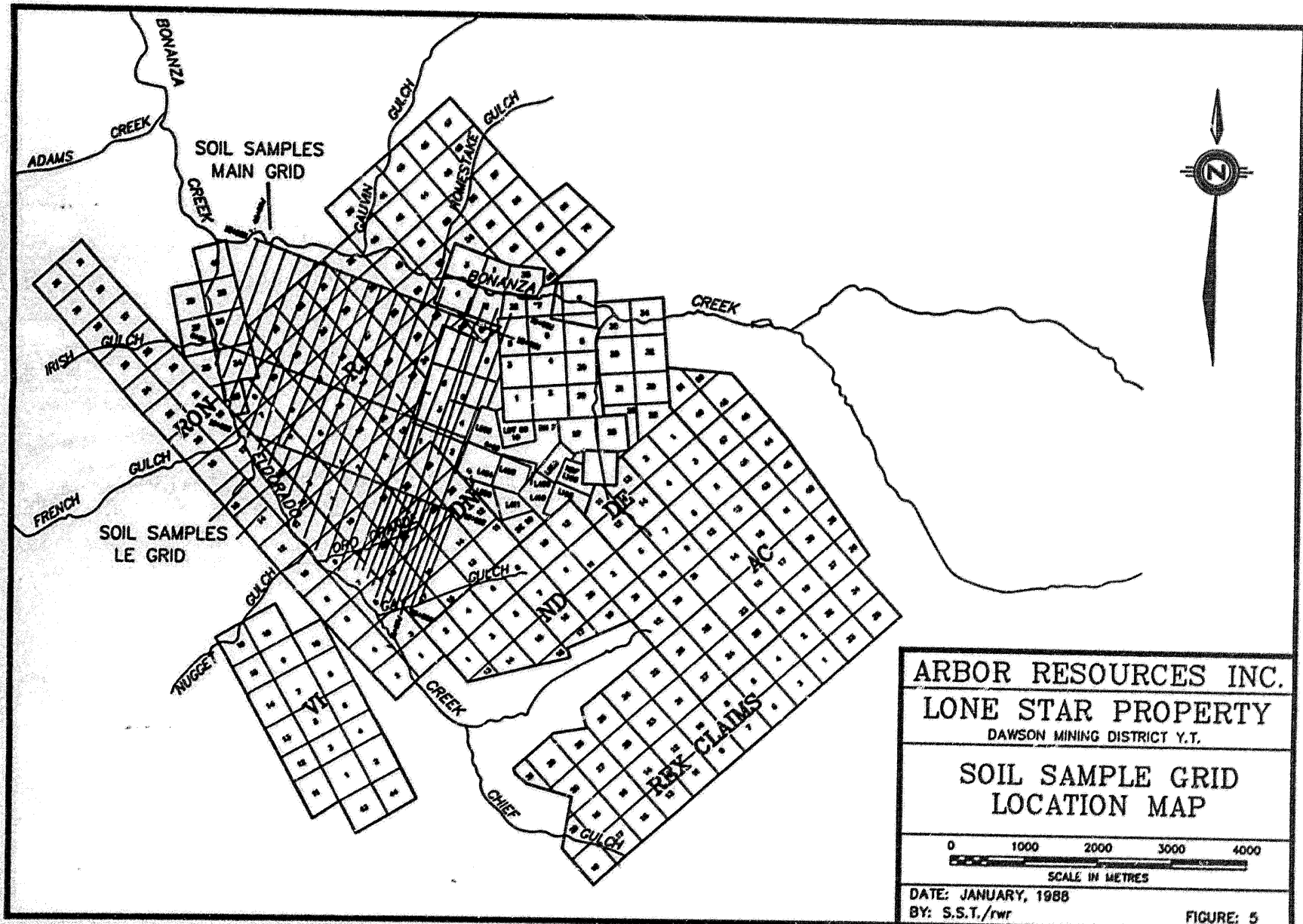
Statistical analyses of all 33 elements tested shows that gold and

arsenic have a fairly strong association. This is especially true of samples taken adjacent to Gay Gulch.

The results for Au, Ag, As, Fe, Cu, Pb, and Zn for the main grid are contoured on figures 6 through 12. Results of chemical analyses for all of the soil samples can be found on Chemex Labs Certificates of Analyses in the appendix.

The 'LE' soil grid was unsuccessful at locating anomalous gold values. Previous sampling on slopes near this grid encountered a thick covering of loess. This may be masking any geochemical signatures because of its impervious nature, thus keeping anomalies related to underlying bedrock from reaching the surface. The results of analyses for Au and Ag are plotted on figure 13.

Subsequent trenching and drilling of the best soil geochemical anomalies has shown that they are related to both quartz veins, and more commonly, gold bearing schists. The schists are commonly pyritiferous on the north side of the Lone Star Ridge. On the south side of the ridge, where a gold-arsenic correlation is apparent, the gold bearing schists are lighter in color, commonly more sericitic, and contain no notable increase in sulfide content.



ARBOR RESOURCES INC.  
 LONE STAR PROPERTY  
 DAWSON MINING DISTRICT Y.T.

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SOIL SAMPLE GRID  
 LOCATION MAP

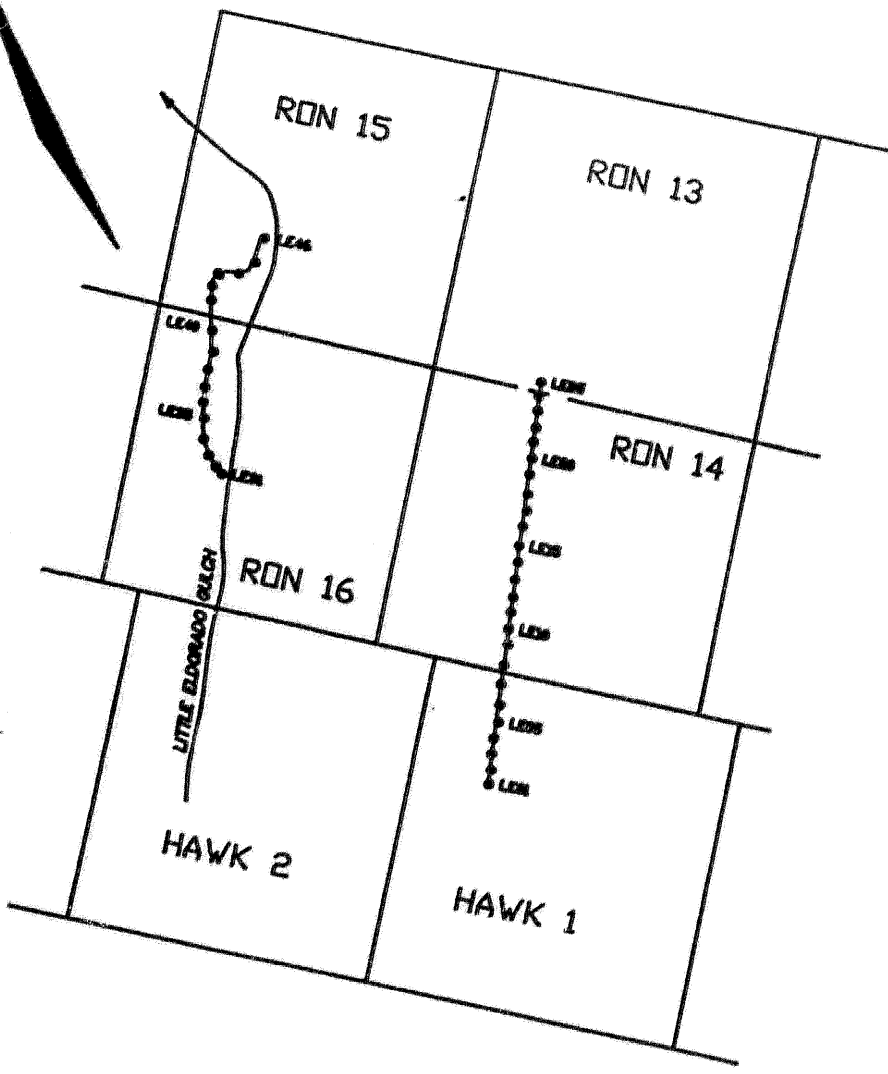
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0 1000 2000 3000 4000  
 SCALE IN METRES

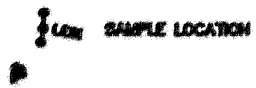
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DATE: JANUARY, 1988  
 BY: S.S.T./rwr

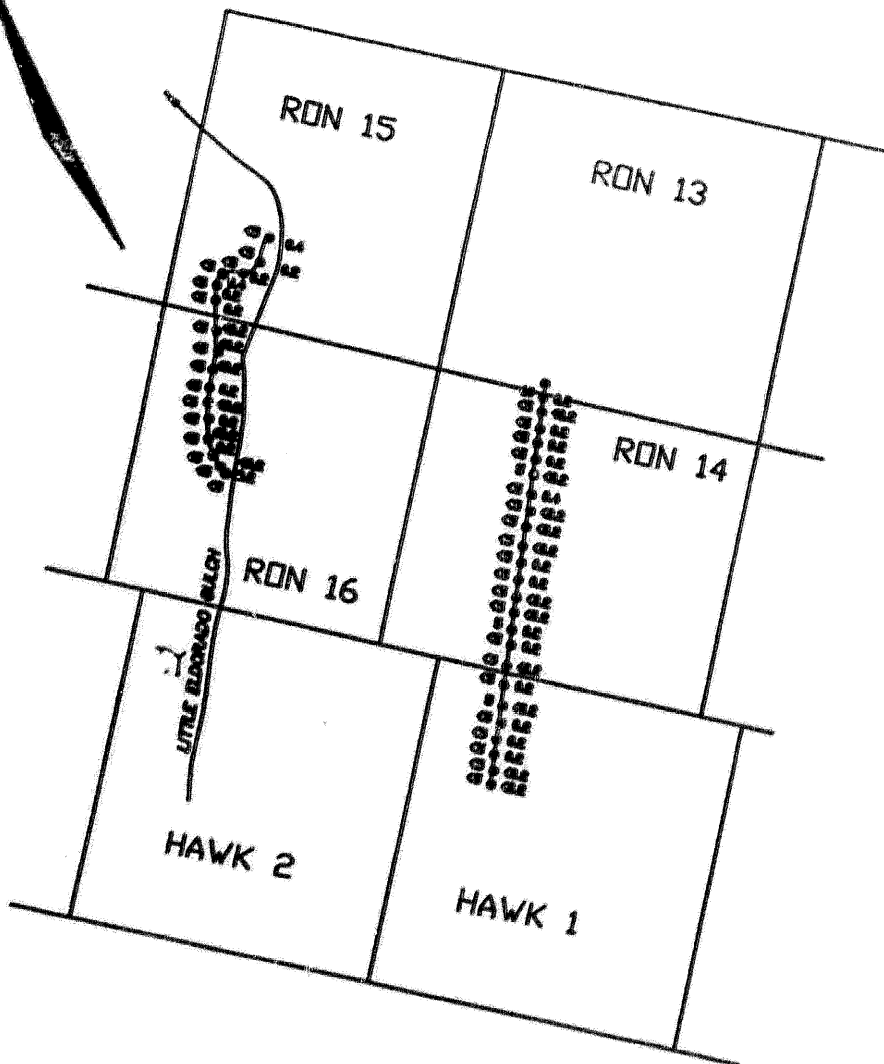
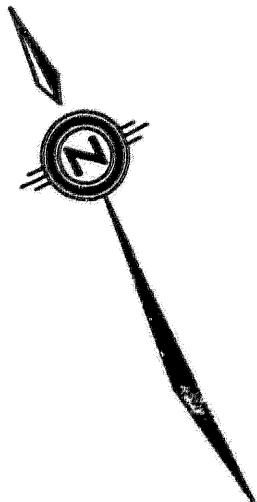
FIGURE: 5



LEGEND:

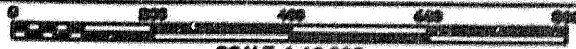


<b>ARBOR RESOURCES INC.</b>	
<b>LONE STAR PROPERTY</b>	
DAWSON MINING DISTRICT, Y.T.	
LITTLE ELDERADO GULCH	
<b>SAMPLE LOCATION MAP</b>	
SCALE 1:10,000	
BY: P.G./rwr	FIGURE: 13 A
DATE: JANUARY, 1988	



LEGEND:

Au VALUE (p.p.b.)  Ag VALUE (p.p.m.)

<b>ARBOR RESOURCES INC.</b>	
<b>LONE STAR PROPERTY</b>	
DAWSON MINING DISTRICT, Y.T.	
LITTLE ELDERADO GULCH	
<b>SOIL SAMPLE RESULTS</b>	
<b>Au (p.p.b.) &amp; Ag (p.p.m.)</b>	
	
SCALE 1:10,000	
BY: P.G./rwr	FIGURE: 13
DATE: JANUARY, 1968	

## 3.2 ROCK CHIP SAMPLING

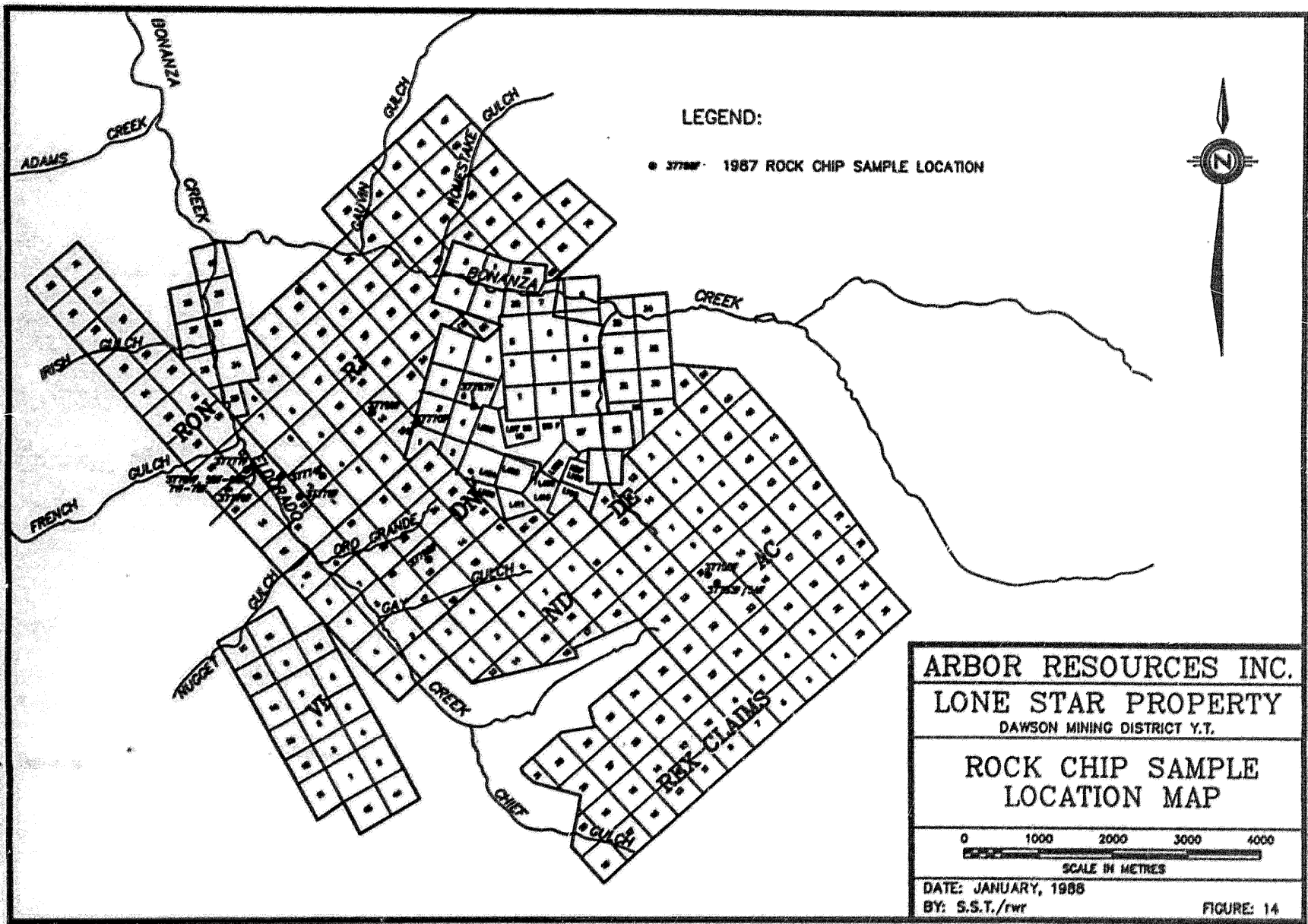
### SAMPLING AND SAMPLE TREATMENT

Rock chip samples were taken across interesting outcrops and areas of float during geological mapping and prospecting on the claims. Sample sites were marked by numbered flagging tape and samples were placed in polybags bearing the corresponding number. A total of 29 rock samples were collected in this manner.

Samples were shipped to Chemex Labs Ltd. in North Vancouver where they were crushed to -200 mesh and fire assayed for gold. A perchloric-nitric acid digestion followed by atomic absorption analyses was used when samples were to be analyzed for other elements.

### PRESENTATION AND DISCUSSION OF RESULTS

Location of rock sample sites are shown on Figure 14. Assay results for individual samples can be found on Chemex Labs Certificates of Analyses in the Appendix. The majority of the samples were taken from quartz veins or areas of float within or adjacent to the most productive placer operations. The best gold result was 3500 ppb. returned from a sample from trench 87Tr-04. This trench was previously shown to contain anomalous gold values. The rest of the samples contained gold values either below, or marginally above, the lower detection limit of analysis (0.002 oz/t.).



**LEGEND:**

● 377806 1987 ROCK CHIP SAMPLE LOCATION

**ARBOR RESOURCES INC.**  
**LONE STAR PROPERTY**  
 DAWSON MINING DISTRICT Y.T.

**ROCK CHIP SAMPLE  
 LOCATION MAP**



DATE: JANUARY, 1988  
 BY: S.S.T./rwr

FIGURE: 14

Prepared by RWR MINERAL GRAPHICS LTD.

#### 4. GEOPHYSICS

A total of 10.35 line kilometres VLF-EM16 survey and 18.3 line kilometres I.P. survey were completed on the property. The I.P. surveying was carried out by Peter E. Walcott and Associates, and details are enclosed within a separate report. Location of the ground VLF-EM survey is shown on figure 15.

##### 4.1 VLF-EM16 SURVEY

Ground VLF-EM surveying was carried out over two areas on the property. One survey of 6.5 kilometres was carried out over 13 lines of 500 metre length and 100 metre separation. This survey was placed over a strongly conductive trend outlined by the airborne survey, roughly 3 kilometres east of the old Lone Star mine site (3851 Hill). A second survey of 3.85 kilometres was carried out over 6 lines near 7 Pup Gulch to search for conductive bedrock under an area where coarse gold nuggets were found in soils. This grid was also covered by I.P. survey.

A Geonics EM-16 unit was used to carry out the VLF-EM16 surveying. Using the submarine transmitting station in Seattle, Washington (NLK, 24.8 kHz), readings were taken at 25 metre intervals along flagged lines running obliquely to the direction of the station. At each station readings were taken in an easterly direction so that west dips were indicated as negative readings.

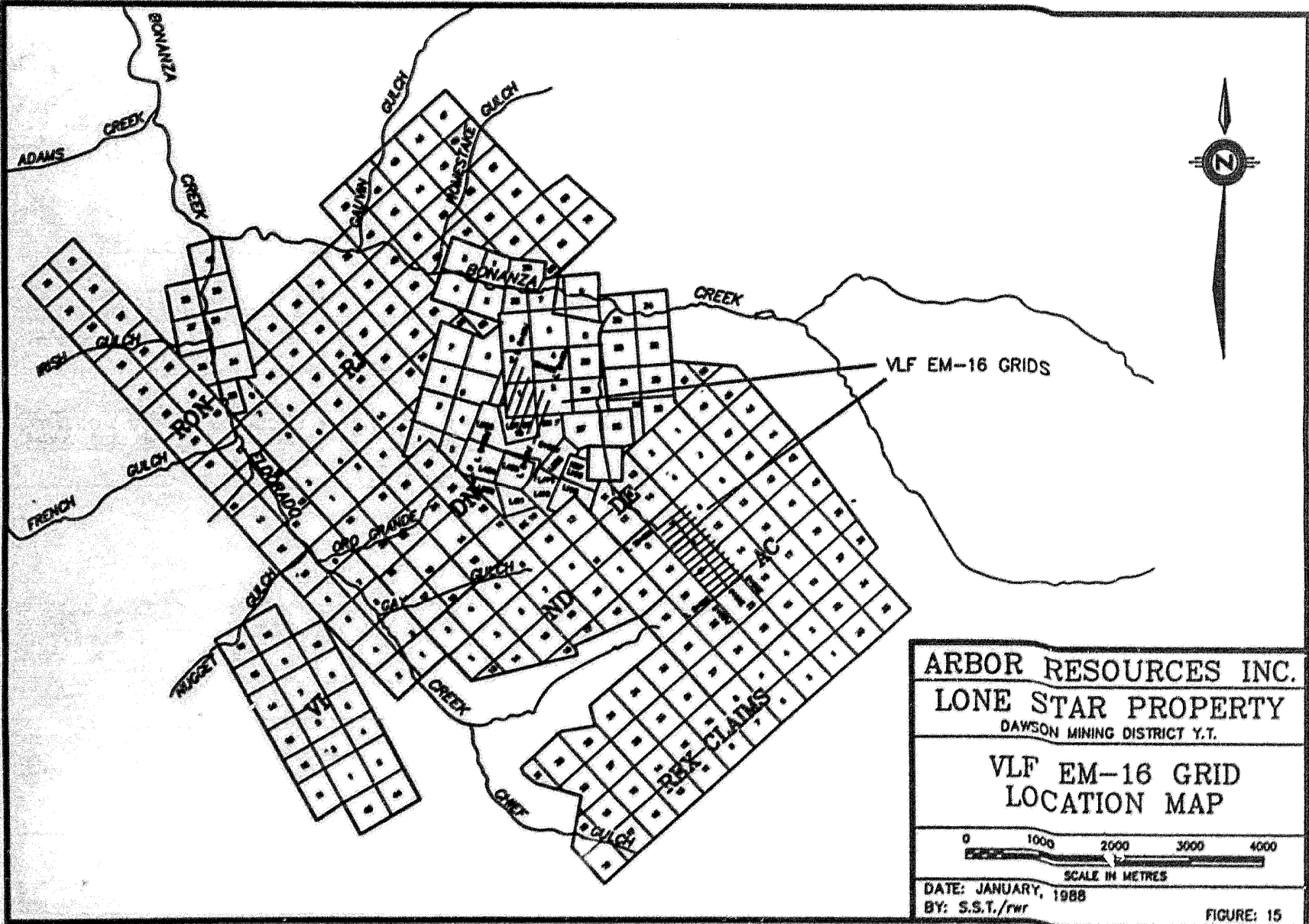
##### 4.2 PRESENTATION AND DISCUSSION OF RESULTS

Locations of VLF-EM16 survey grids are shown on figure 15. Results of the VLF-EM16 surveys are plotted as contoured data on figures 16 and 17.

The survey east of the old Lone Star mine site (3851' Hill) recorded a strong conductive trend striking 140 degrees along the base line of the grid. Subsequent trenching of the anomaly uncovered highly conductive graphite bearing schist, which explains the anomaly.

The survey directly west of 7 Pup Gulch recorded a moderately strong conductive trend striking roughly 160 degrees through the grid. Subsequent rotary drilling near this conductor intersected graphitic schist horizons, which explains the conductor.

Matching the locations of these two conductive trends, with those trends recorded by the airborne survey, shows that a fairly continuous conductor exists between the two areas covered on the ground. This suggests that a continuous graphite bearing schist horizon strikes from 140 to 160 degrees from the hilltop east of the old Lone Star mine, through to 7 Pup Gulch.



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LONE STAR PROPERTY  
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VLF EM-16 GRID  
LOCATION MAP



DATE: JANUARY, 1988  
BY: S.S.T./rwr

FIGURE: 15

## 5.0 TRENCHING

### 5.1 TRENCHING AND SAMPLE PROCEDURES

A total of 23 trenches were excavated on the property. Five of these (Tr01 - Tr05) were completed using a combination of bulldozer and track mounted hoe for deeper penetration. The rest were completed using either a D-8K caterpillar or an International TD-25 bulldozer. Most of these trenches were designed to expose bedrock beneath the best anomalies as delineated by soil sampling.

Where trenching successfully exposed bedrock, the length of the trench was systematically rock chip sampled. A total of 3 trenches encountered permafrost (87Tr19, 20, and 21) which inhibited exposure of bedrock. Samples of soil were taken from these trenches. Trenches 87Tr18 and 19 were placed within a previously mined placer deposit (7 Pup gulch) where contamination was expected. Heavy mineral (pan) concentrates were obtained so that gold in the samples could be inspected. Trenches 87Tr22 and 23 were excavated over an area of anomalous VLF-EM16 values. Graphite schists were exposed which explained the anomaly.

In an effort to obtain better average grades of analysis, large (10 kilogram) samples were taken for all intervals of most trenches. These were then crushed on site through a 0.5 cm. jaw crusher, and reduced to a shipping weight of 1 to 2 kilograms.

All samples were shipped to Chemex Labs Ltd. in North Vancouver for analysis (see section 3.2 'Rock Chip Sampling' for description of analytical procedures).

### 5.2 PRESENTATION AND DISCUSSION OF RESULTS

Trench locations can be found on figure 18. Trenches 87Tr-1 through 15 were placed over soil anomalies along the south facing slope of the Lone Star ridge, between Gay Gulch and Glacier Gulch. Trenches 87Tr-16 through 21 were placed over soil anomalies along the north facing slope of the Lone Star ridge, adjacent to, and down slope of, the old Lone Star mine site.

Table II summarizes the geology and length of all sample intervals that returned assay values of greater than or equal to 0.010 ounces per ton gold.

The majority of anomalous gold values were returned from samples of iron stained muscovite schists. The highest individual gold assays were from quartz veins, stringers, and pods, with values to 7.086 oz/t (87Tr08-59). Visible gold was also noted in trench Tr08 within the oxidized halos of sulfide boxworks, adjacent to the contact with the enclosing schists.

Subsequent drilling beneath trench sites was successful at intersecting gold bearing schists. Values received from drill samples of schist were normally higher and of greater lengths than indicated from trench sampling. Leaching, due to weathering of surface samples is suspected.



TABLE II  
TRENCH RESULTS  
0.010 OZ/T AND GREATER

TRENCH	SAMPLE#	INTERVAL (metres)	ASSAY (oz/t)	GEOLOGY
87Tr01	15	37-41	0.012	quartz muscovite schist
	30	76-80	0.012	muscovite quartz schist
87Tr03	05	11-13.5	0.010	goethite, quartz, m schist
	06	13.5-14	0.031	cross cutting quartz vein
	29	83-86	0.010	slabby quartz muscovite Sch.
	30	86-90	0.020	quartz muscovite schist
	31	90-94	0.040	quartz muscovite schist
	38	115-119	0.014	muscovite quartz schist
	39	119-123	0.014	muscovite quartz schist
	30R (repeat of 30)		0.010	quartz muscovite schist
87Tr04	05	16-18	0.019	sulfides in quartz m schist
	20	49-50	0.060	quartz vein or pod
	22	54-58	0.014	(slid in) FeOx in qm schist
	24	61.5-62.5	0.153	quartz vein or pod
	25	62.5-64	0.014	slabby quartz muscovite Sch
	27	66-70	0.028	shear, sulfide, q m schist
	05R (repeat of 05)		0.010	sulfides in quartz m schist
	20R (repeat of 20)		0.117	quartz vein or pod
22R (repeat of 22)		0.036	(slid in) FeOx in qm schist	
87Tr05	02	3-5	0.018	limonitic quartz muscov. Sch
	09	22-26	0.016	quartz muscovite schist
	23	68-69	0.046	quartz muscovite schist
	24	69-71	0.012	quartz vein
	47	at 118	0.027	10 cm. quartz vein
	49	at 120	0.018	10 cm. quartz vein
	51	at 124	0.040	10 cm. quartz vein
	23R (repeat of 23)		0.028	quartz muscovite schist
	24R (repeat of 24)		0.014	quartz vein
87Tr06	03	16-21	0.012	quartz muscovite schist
	08	32-37	0.020	quartz muscovite schist
	13	57-62	0.028	FeOx chloritic q m schist
	14	62-67	0.012	FeOx chloritic q m schist
	15	67-70	0.042	FeOx chloritic q m schist
	45	57-58	0.020	" " " " "
	47	59-60	0.040	" " " " "
	48	60-61	0.012	" " " " "
	50	62-63	0.020	" " " " "
	51	63-64	0.018	" " " " "
	52	64-65	0.016	" " " " "
	53	65-66	0.052	" " " " "
	54	66-67	0.052	" " " " "

TABLE II CONTINUED

	55	67-68	0.028	" " " " "
	56	68-69	0.076	FeOx chloritic q m schist -
87Tr07	14	60-64	0.040	quartz muscovite schist
87Tr08	01	102.2-103.8	0.244	2, 25cm. quartz veins
	03	2.5-2.6	0.032	quartz vein
	09	9.0-9.1	0.012	10 cm. quartz vein
	20	20-20.1	0.014	narrow oxidized zone
	22	22.1-22.5	1.054	quartz vein
	25	24.9-27.9	0.048	quartz muscovite schist
	26	27.9-28.3	0.038	quartz vein
	27	28.3-33	0.022	blue quartz-eye qm schist
	28	33-38.5	0.012	blue quartz-eye qm schist
	34	51.3-52.1	0.295	quartz vein
	35	52-57	0.024	carbonate quartz muscov Sch.
	37	62-67	0.010	carbonate quartz muscov Sch.
	38	67-73.3	0.014	carbonate quartz muscov Sch.
	47	103.8-109	0.024	quartz muscovite schist
	50	116.1-116.2	0.014	quartz veinlet
	51	116.2-122.2	0.014	quartz muscovite schist
	52	122.2-122.3	0.028	quartz veinlet
	56	134.5-137.5	0.082	quartz muscovite schist -
	59	143.4-143.5	7.086	quartz vein (sheared?)
	60	143.5-147.8	0.098	quartz muscov Sch(sheared?) -
87Tr09	04	10-12	0.018	quartz muscovite schist
	05	12-12.3	0.036	basalt dyke
	06	12.3-17	0.012	quartz muscovite schist
87Tr13	05	17.9-23	0.012	quartz muscovite schist
	27	116.4-122	0.026	FeOx in quartz musc schist
	35	153-158	0.029	FeOx in quartz musc schist
87Tr15	01	0-0.5	0.018	quartz vein
87Tr16	13	60-65	0.026	FeOx in quartz muscovite Sch
	15	70-75	0.030	" " " " "
	16	75-80	0.032	" " " " "
	17	80-85	0.014	" " " " "
	18	85-90	0.069	" " " " "
	25	120-125	0.010	FeOx in quartz muscovite Sch

## 6.0 DRILLING

### 6.1 DIAMOND DRILLING

A total of 13 'nQ' wire size diamond drill holes (core size 4.76cm) totalling 1690.4 metres (5,546 ft) were drilled on the property. Drilling was carried out by E. Caron Diamond Drilling of Whitehorse, Yukon.

Holes 87D-1 and 87D-2 were drilled in early June. These two holes were collared at the same location as a previously drilled rotary hole. The rotary drill hole (87R-21) intersected an averaged 0.10 oz/t gold bearing zone of 20 metres width. Results from sampling the two diamond holes returned no gold values, and the possibility of either the rotary hole or the diamond holes deflecting was apparent. A third diamond drill hole (87R-12) was planned, this time using a rotary drill to case the hole as close as possible to the projected target, before actually coring the bedrock. This method proved to be more successful.

Holes 87D-3 through 87D-8 and 87D-13 were drilled within and adjacent to the confluence of Little Eldorado Gulch and Eldorado Creek, an area of the richest placer deposits in the region. The source of the placer deposits was thought to be very localized. Drilling was designed to test all of the strata to the east and west of the confluence.

Drill hole 87D-9 was designed to test a wide section of geology along the east side of Eldorado Creek near 27 Pup Gulch. The source of soil anomalies east of Eldorado Creek, if stratiform, should dip towards Eldorado Creek (west) so that an east dipping drill hole should intersect the source horizon.

Holes 87D-10 and 87D-11 were designed to test bedrock below trench 87Tr08. Samples from this trench returned many anomalous assay values, including 7.086 oz/t gold from a quartz stringer, and wider sections of lower values in the schists. Drilling was designed to test for gold bearing schist by drilling towards the north-east (across bedding, 87D-10), and for gold bearing quartz veins by drilling to the south-west (across vein dip, 87D-11).

A summary of all diamond drill hole orientation and depths is given in table III. The locations of all diamond drill holes relative to the claim block is shown on figure 19.

When diamond drill hole sites were abandoned, the collar was marked with flagging tape tied to timber, except where sites lay within creekbeds or road surfaces.

**TABLE III  
DIAMOND DRILL HOLE DATA**

DRILL HOLE	AZIMUTH(°)	DIP-COLLAR(°)	LENGTH(ft)
87-D1	VERTICAL	-90	600
87-D2	200	-75	650
87-D3	157	-55	310
87-D4	025	-50	307
87-D5	020	-50	489
87-D6	030	-50	407
87-D7	020	-50	405
87-D8	VERTICAL	-90	296
87-D9	020	-50	420
87-D10	030	-50	401
87-D11	225	-50	395
87-D12	VERTICAL	-90	493
87-D13	030	-50	667

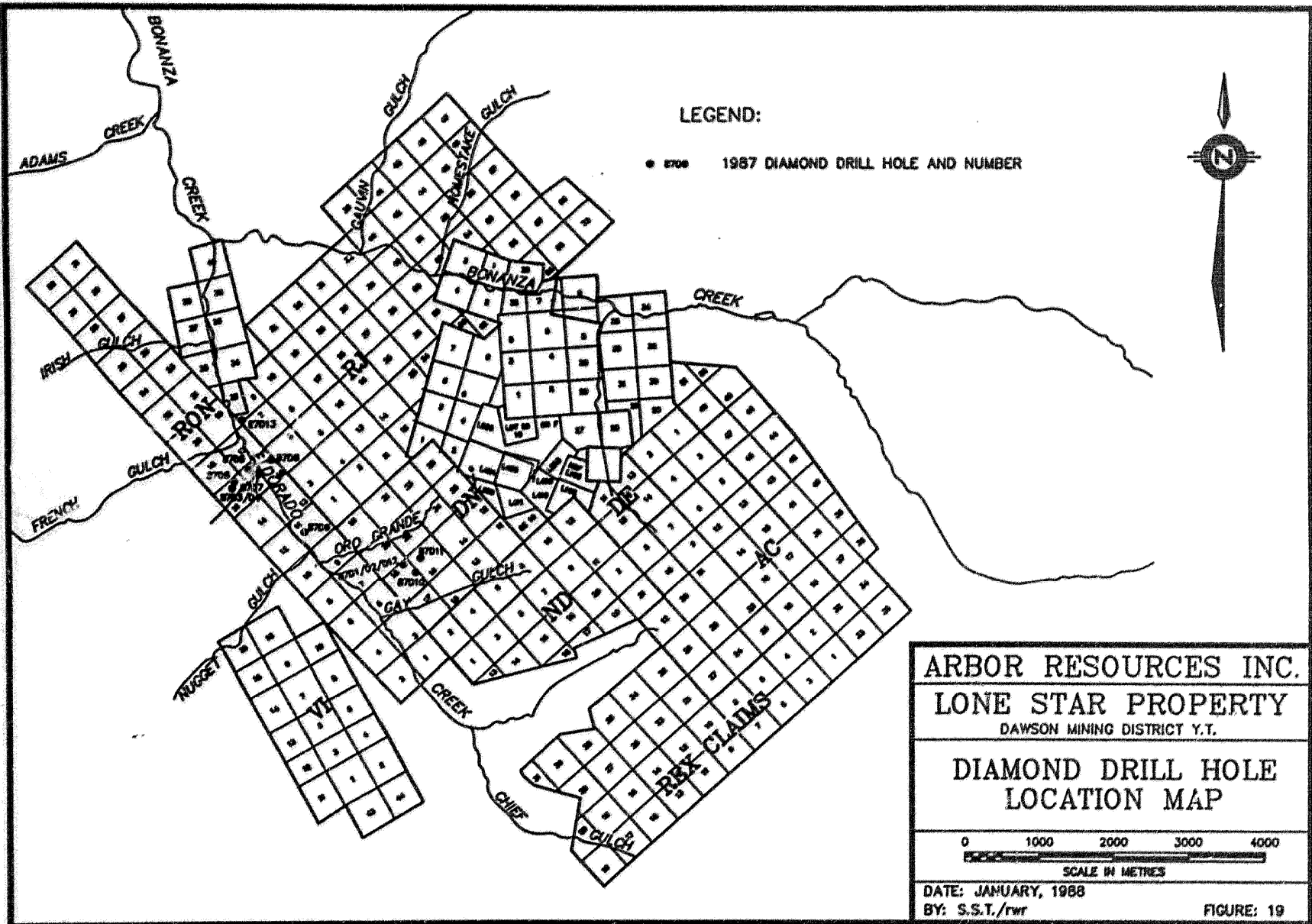
All of the drill core was logged, split, and sampled. Some of the core was also pre-crushed to reduce sample size before shipping from Dawson to Chemex Labs Limited in North Vancouver, B.C. The remaining half section of core was stored in core boxes at Gillespie Equipment's storage facility just outside of Dawson.

At Chemex Labs the core was analysed for gold by fire assay, and for 32 elements by the I.C.P.-A.E.S. technique as described in Rock Chip Sampling, section 3.2.

#### DIAMOND DRILLING GEOLOGY AND DISSCUSION

The location of all drill holes is shown on the property geology map figure 4. Drill hole geological logs for each hole are given in the appendix.

Table IV shows the length, general geology, and recorded value of all samples that returned gold assays of 0.010 ounces per ton or greater.



LEGEND:

● 8700 1987 DIAMOND DRILL HOLE AND NUMBER



ARBOR RESOURCES INC.  
 LONE STAR PROPERTY  
 DAWSON MINING DISTRICT Y.T.

DIAMOND DRILL HOLE  
 LOCATION MAP



DATE: JANUARY, 1988  
 BY: S.S.T./rwr

FIGURE: 19

TABLE IV

**DIAMOND DRILL CORE SAMPLES  
0.010 OZ/T Au OR GREATER**

HOLE	INTERVAL (feet)	ASSAY (oz/t)	GEOLOGY
87D-3	176-177	0.010	quartz vein with coarse pyrite
	250-253.5	0.019	quartzitic quartz muscovite schist
87D-4	279-280	0.077	sheared chloritic quartz muscovite schist
87D-5	039-043	0.047	weathered quartz muscovite schist
87D-6	159-164	0.013	muscovitic quartzite
	176-179.5	0.011	muscovitic quartzite
	182-183	0.034	two quartz veins
87D-10	71-84	0.010	muscovite schist
	102-107	0.019	sheared muscovite schist
	187-192	0.032	quartz muscovite schist
	393-396	0.011	quartz muscovite schist with quartz stringer
	396-399	0.035	quartz muscovite schist with quartz stringer
87D-11	67-72	0.011	chloritic quartz muscovite schist
	301-304	0.010	chloritic quartz muscovite schist
	304-305.5	1.052	quartz vein
	305.5-308.5	0.072	chloritic quartz muscovite schist
	312-316	0.014	chloritic quartz muscovite schist
	316-316.5	0.118	quartz-carbonate vein
	336.5-337.5	0.062	quartz vein with carbonates and pyrite
87D-12	334-337	0.123	quartz muscovite schist
	384-388	0.016	quartz muscovite schist
	388-391	0.060	quartz muscovite schist
	391-396	0.198	quartz muscovite schist
	396-399	0.385	quartz muscovite schist
	399-401	0.170	quartz muscovite schist
	401-403	0.088	quartz muscovite schist
	403-406	0.010	quartz muscovite schist

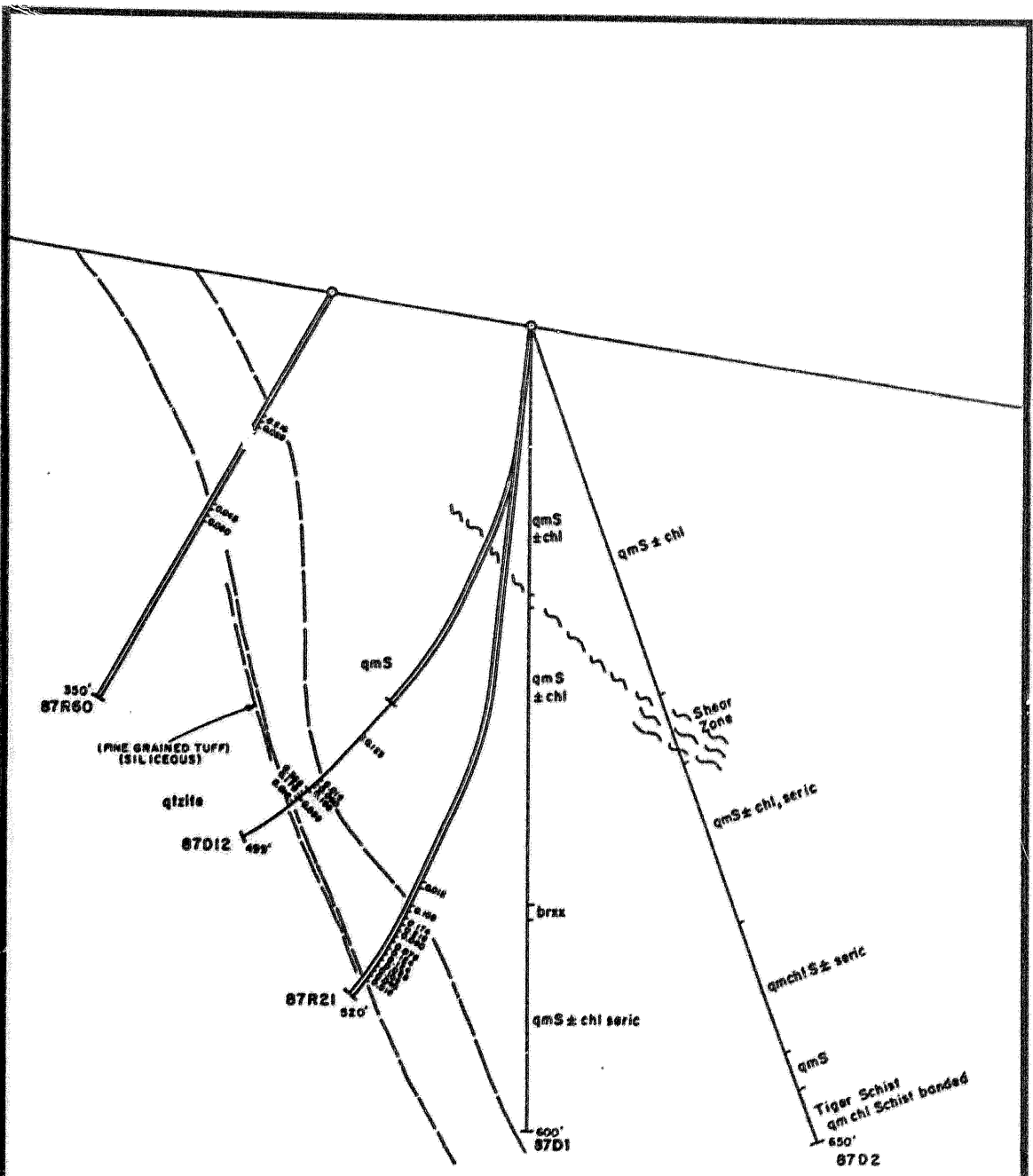
Diamond drill holes 87D-1 and 87D-2 were unsuccessful at intersecting the gold bearing horizon previously intersected by rotary drill hole 87R-21. The possibility of hole deflection was apparent. Unfortunately, neither of the diamond drill holes were acid tested for dip. Follow-up drilling at the same location by rotary drilling the initial 300 feet of the hole (without sampling), then diamond

drilling/sampling to 499 feet was more successful (87D-12). The overall intersection is somewhat narrower than in the rotary hole (6.7 metres; 22 feet), but the average grade is similar (0.133 oz/t). One individual sample interval in diamond hole D-12 returned a higher gold value than any of those from rotary hole R-21, with 0.385 oz/t over 3 feet (sample 396-399).

Dip test results from diamond drill hole 87D-12 did indeed show that deflections likely occur when drilling in this area. The hole was collared at 90 degrees, and at 406 feet the dip test shows a dip of 52 degrees, a deflection of 38 degrees. Since only 106 feet of diamond drilling was involved up to this depth, it must be assumed that a great deal of the deflection occurred during the rotary drilling stage of the hole, the first 300 feet. The diamond drillers at the site also noted that inserting the diamond drill rods within the rotary section of the hole met with difficulty because of hole bends near the 170 and 270 foot depths, and subsequent breaking of the rods during drilling occurred at these depths. It is unknown whether or not this magnitude of drill hole deflection is common throughout the area. A more controlled variety of drilling may be necessary in the future.

A composite cross section showing drill holes 87D-1, 87D-2, 87D-12, 87R-21, and 87R-60 is shown in figure 20. Note that the drill hole deflection directions are those that best fit known data, such as dip test results and measurements of schistosity to core axis in diamond holes, and comparisons of geochemistry from all drill holes. The indicated dip of the gold bearing structure as shown in figure 20 is roughly 60 to 70 degrees. Previously, an assumed dip of 35 to 45 degrees was used in planning drill hole orientations. This may explain why some of the drill holes between Gay and Oro Grande Gulches did not intersect gold bearing zones. In diamond drill hole 87D-12, a 2 foot segment of core within the gold bearing section was noted to be very fine grained, siliceous, and contain tuff fragments and/or recrystallized porphyry phenocrysts. This is assumed to represent a siliceous phase marking the boundary between two episodes of volcanogenic emplacement. Also within the gold bearing section, results of geochemical analyses shows that an increase in arsenic occurs with the increase in gold, going from less than 5 ppm at 384 feet, to 3,270 ppm at 391 feet. This geochemical signature, combined with the geological data, suggests that the gold in this zone was deposited synonymously with a distinct horizon of volcanic tuff and/or porphyry now comprising part of the Klondike Schists.

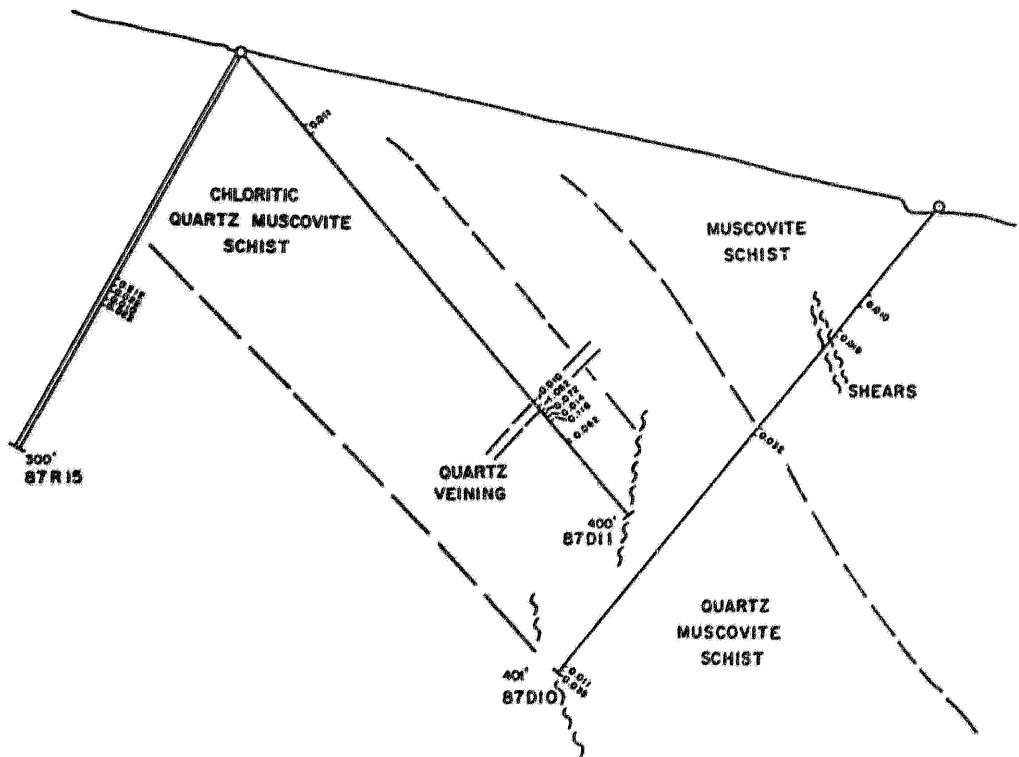
Diamond drill holes 87D-3 through 8, and 13, drilled adjacent to Little Eldorado Gulch and its confluence with Eldorado Gulch, met with limited success in returning significant gold values. Carbonaceous limestones and schists intersected in holes 87D-4, 87D-7, and 87D-8 help to more accurately place graphitic horizons which were roughly located by the airborne survey.



0.010 GOLD ASSAY IN oz/t

<b>ARBOR RESOURCES INC.</b>	
<b>LONE STAR PROPERTY</b>	
DAWSON MINING DISTRICT, YUKON TERRITORY	
VERTICAL CROSS SECTION	
DH 87-R-21,60, 87-D-1,2,12	
(FACING 110°)	
SCALE IN FEET	
DATE: JANUARY, 1988	FIGURE 20
BY: P.C./rwr	

Diamond drill holes 87D-10 and 87D-11, drilled below trench 87Tr-08, returned several interesting gold bearing intersections. Hole D-10 returned values to 0.035 ounces per ton from samples of muscovite schist. The general geology of this hole consisted of muscovite and quartz muscovite schist containing numerous quartz stringers, veins, and pods. Hole D-11 returned values to 1.052 ounces per ton from quartz veins, and to 0.072 ounces per ton from the schists. This hole consisted entirely of chloritic quartz muscovite schist with cross cutting and foliaform quartz veins and lenses. A diagrammatic cross section showing these two drill holes combined with a previously drilled rotary hole (87R-15) is shown on figure 21.



1:500 GOLD ASSAY IN #2/1

<b>ARBOR RESOURCES INC.</b>		
<b>LONE STAR PROPERTY</b>		
DAWSON MINING DISTRICT, YUKON TERRITORY		
<b>VERTICAL CROSS SECTION</b>		
<b>DH 87R15, DH87D10 &amp; 11</b>		
(FACING 130°)		
0	100	200
SCALE IN FEET		
DATE: JANUARY, 1988		FIGURE: 21
BY: P.G./rwr		

## 6.2 ROTARY DRILLING

From October 1 to November 15, 1987, 37 rotary drill holes totalling 4063 m (13,330ft) were drilled on the property by Caron Diamond Drilling of Whitehorse, Yukon. These were drilled using 11.4 cm (4.5 inch) diameter rod size, track and truck mounted drills, with reverse circulation sampling. Upon reaching the surface, material passed through an accusampler which split roughly 20% of the material into "sausage bags" to be inspected and analysed. The remaining 15 to 20 kilograms of material was bagged, labelled, and left at the drill site under tarps. Samples were taken at 1.5 m (5 ft) intervals throughout the total length of each hole, and all samples were sent to Chemex Labs Ltd. of North Vancouver, B.C.

At Chemex Labs the samples were analysed for gold by fire assay followed by atomic absorption analysis, and for 32 elements by the I.C.P.-A.E.S. Technique.

Copies of Chemex Labs Certificates of Analyses are presented in the Appendix. A summary of rotary drill hole information is presented in Table IV.

### ROTARY DRILLING DISSCUSSION

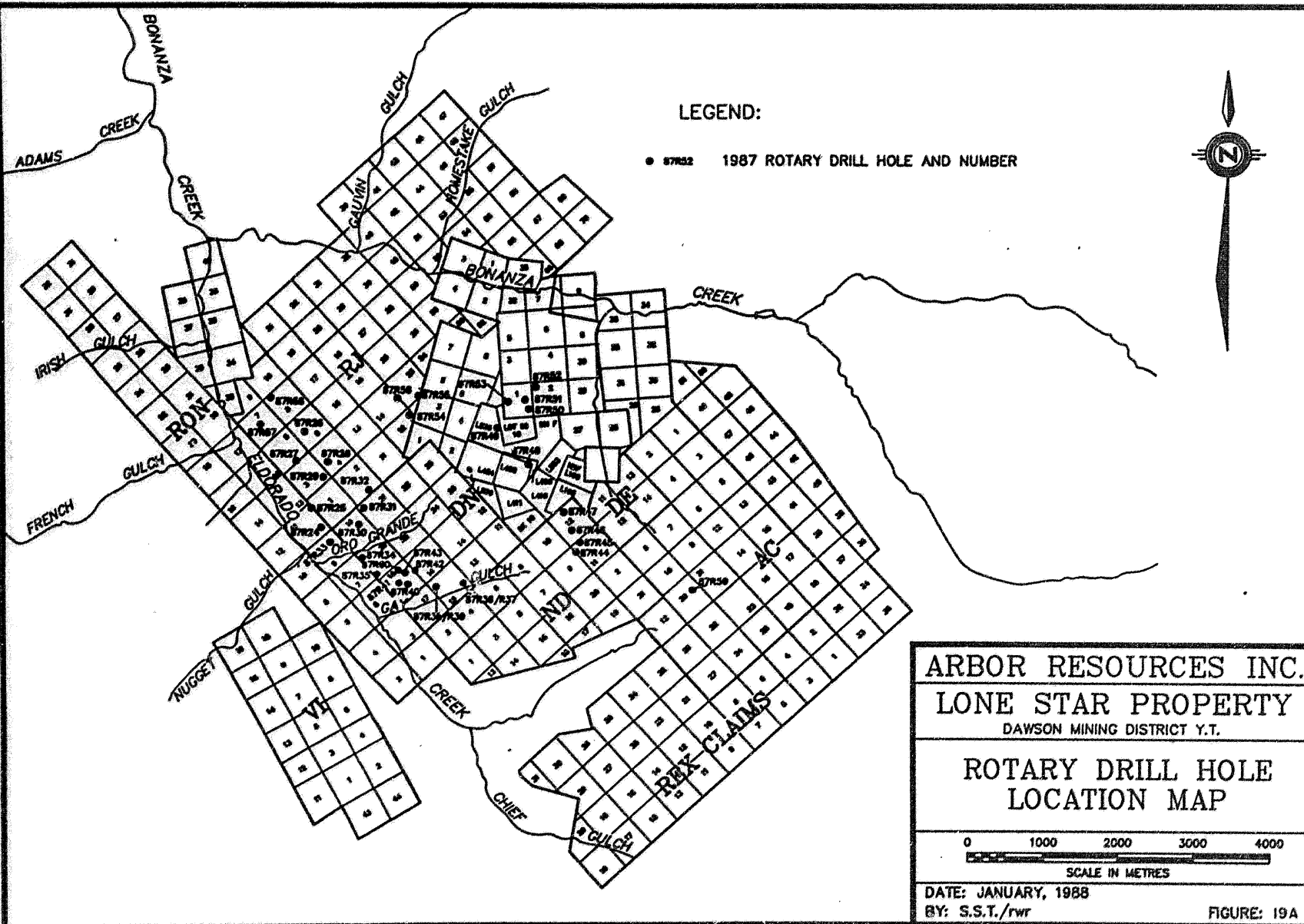
Results from diamond drilling on the 'Lone Star' ridge suggested that gold bearing horizons exist within the schists on the property. Rotary drilling was designed to sample the less accessible areas where this horizon was located using geochemical and geophysical data. The general location, attitude, and depth of each hole is given in table 5 below. The location of each drill hole is further shown on figures 4 and 19a.

TABLE V  
ROTARY DRILL HOLE DATA

HOLE#	GEOGRAPHIC LOCATION	ATTITUDE	DEPTH (feet)
87R-24	near 27 Pup Gulch	65 <sup>o</sup> to 200	500
87R-25	near 27 Pup Gulch	65 <sup>o</sup> to 200	300
87R-26	between Glacier and 27 Pup	65 <sup>o</sup> to 200	350
87R-27	between Glacier and 27 Pup	65 <sup>o</sup> to 020	350
87R-28	between Glacier and 27 Pup	65 <sup>o</sup> to 200	300
87R-29	between Glacier and 27 Pup	65 <sup>o</sup> to 020	300
87R-30	between 27 Pup and Oro Grande	65 to 020	300
87R-31	between 27 Pup and Oro Grande	vertical	450
87R-32	between 27 Pup and Oro Grande	65 <sup>o</sup> to 200	300
87R-33	in Oro Grande Gulch	60 <sup>o</sup> to 020	260
87R-34	south bank of Oro Grande Gulch	65 to 020	300
87R-35	lower, between Gay and Oro Grande	vertical	200
87R-36	north bank of Gay Gulch	65 <sup>o</sup> to 020	250
87R-37	same pad as above	65 to 200	300

TABLE V CONTINUED

HOLE#	GEOGRAPHIC LOCATION	ATTITUDE	DEPTH
87R-38	north bank of Gay Gulch	65° to 020	300
87R-39	same pad as above	65° to 200	300
87R-40	Oro Grande-Gay, bottom of Tr07	vertical	300
87R-41	Oro Grande-Gay, bottom of Tr06	vertical	300
87R-42	Oro Grande-Gay, top of Tr07	vertical	300
87R-43	Oro Grande-Gay, top of Tr06	65° to 020	250
87R-44	Lone Star ridge, 900m E of adit	vertical	300
87R-45	120 metres north of 87R-44	60° to 200	350
87R-46	Pioneer workings, LS ridge	60° to 200	400
87R-47	over old Pioneer workings	60° to 200	365
87R-48	beside Boulder Lode	60° to 200	400
87R-49	650m NW of Lone Star workings	75° to 200	400
87R-50	near 7 Pup Gulch	vertical	400
87R-51	near 7 Pup Gulch	65° to 020	350
87R-52	near 7 Pup Gulch	65° to 200	560
<del>87R-53</del>	w of 7 Pup, near O'Neil Gulch	65° to 200	400
87R-54	LS ridge, west of O'Neil Gulch	vertical	345
87R-55	LS ridge, west of O'Neil Gulch	65° to 200	500
87R-56	LS ridge, west of O'Neil Gulch	vertical	400
87R-57	immediately N of Glacier Gulch	65° to 020	500
87R-58	420 metres north of 87R-57	65° to 200	550
87R-59	Lone Star ridge, 3851 Hill	vertical	450
87R-60	between Oro Grade and Gay Gulch	60° to 020	350



LEGEND:

● 87R22 1987 ROTARY DRILL HOLE AND NUMBER



ARBOR RESOURCES INC.

LONE STAR PROPERTY

DAWSON MINING DISTRICT Y.T.

ROTARY DRILL HOLE  
LOCATION MAP

0 1000 2000 3000 4000



SCALE IN METRES

DATE: JANUARY, 1988

BY: S.S.T./rwr

FIGURE: 19A

Prepared by RWR MINERAL GRAPHICS LTD.

The geology of the drill holes was difficult to determine due to the fineness of the material brought to surface. From colour and apparent mineralogy of the samples it was surmised that the majority of the holes passed through muscovitic and chloritic schists and quartzites. No large quartz veins were apparent.

Many samples from these holes returned significant gold values. A summary of samples which returned values of 0.010 oz/t or greater is displayed in Table VII.

TABLE VI  
ROTARY SAMPLE ASSAYS 0.010 oz/t AU OR GREATER

BOLE NO.	FOOTAGE	AU OZ/T	BOLE NO.	FOOTAGE	AU OZ/T
87-R-24	305-310	0.012	87-R-24	430-435	0.010
	315-320	0.012		455-460	0.019
	330-335	0.010		460-465	0.011
	375-380	0.010		480-485	0.022
	385-390	0.016		485-490	0.172
	395-400	0.027			
87-R-26	210-215	0.014	87-R-30	290-295	0.018
87-R-31	125-130	0.018	87-R-31	430-435	0.031
	130-135	0.034		435-440	0.010
	220-225	0.017			
87-R-32	150-155	0.014	87-R-34	180-185	0.011
87-R-37	245-250	0.012			
87-R-38	035-040	0.017	87-R-38	125-130	0.139
	040-045	0.189		130-135	0.054
	055-060	0.016		135-140	0.049
	080-085	0.041		160-165	0.035
	085-090	0.012		165-170	0.022
	090-095	0.012		170-175	0.020
	110-115	0.014		175-180	0.010
	120-125	0.018		285-290	0.013
87-R-39	050-055	0.021	87-R-39	155-160	0.012
	095-100	0.014		115-120	0.010
	165-170	0.010		125-130	0.012
	170-175	0.012		150-155	0.160
87-R-40	240-245	0.012	87-R-43	145-150	0.013
87-R-45	020-025	0.012	87-R-45	280-285	0.030
	270-275	0.030		335-340	0.012
87-R-46	020-025	0.024			

TABLE VI CONTINUED

HOLE NO.	FOOTAGE	AU OZ/T	HOLE NO.	FOOTAGE	AU OZ/T
87-R-47	165-170	0.018	87-R-47	235-240	0.040
	185-190	0.042		240-245	0.024
	190-195	0.096		245-250	0.014
	195-200	0.055		255-260	0.034
	200-205	0.020		290-295	0.014
	205-210	0.029		305-310	0.014
	210-215	0.020		310-315	0.042
	220-225	0.016		315-320	0.014
	230-235	0.016			
87-R-48	060-065	0.010	87-R-48	230-235	0.012
	075-080	0.012		235-240	0.018
	125-130	0.010		285-290	0.076
	130-135	0.240		290-295	0.066
	135-140	0.128		320-325	0.114
	160-165	0.064		325-330	0.012
	170-175	0.016		340-345	0.010
	195-200	0.014			
87-R-49	010-015	0.018	87-R-49	015-020	0.012
87-R-50	010-015	0.010	87-R-50	145-150	0.012
	040-045	0.016			
87-R-55	160-165	0.011	87-R-55	410-415	0.016
87-R-57	285-290	0.026	87-R-57	315-320	0.030
	310-315	0.013			
87-R-58	090-095	0.052	87-R-58	415-420	0.010
	095-100	0.022			
87-R-59	190-195	0.081			
87-R-60	105-110	0.216	87-R-60	180-185	0.045
	110-115	0.028		190-195	0.080

A complete list of all of the 33 elements tested for each sample can be found in the appendix.

The best gold results were from samples within the two previously outlined areas of most interest, near Gay Gulch, and near the old Lone Star mine site.

Near Gay Gulch, rotary hole 87R-60 intersected the up dip extension of a gold bearing horizon previously sampled by rotary and diamond drilling. A composite cross section showing these holes (87D-1, D-2, D-12, R21, and R60) is shown in figure 22. A further description of the geology in these holes can be found in the diamond drilling section of this report. Gold bearing intersections from holes 87R-38, 87R-39, 87D-10, and 87D-11 indicate that this horizon may extend laterally for some distance.

Near the old Lone Star Mine, rotary drill hole 87R-48 intersected the down dip extension of gold bearing horizons previously sampled by diamond drilling. A compilation cross section showing rotary hole R-48 relative to the previously drilled diamond holes is shown on figure 22. Results from rotary drill holes 87R-45, R-46, and R-47 indicate that these gold bearing horizons may extend for some distance to the east.

## 7.0 CONCLUSIONS AND DISCUSSION

The mineral claims optioned by ARBOR RESOURCES INC. are situated along both Bonanza and Eldorado Creeks, in an area known to be among the most productive placer areas in the Klondike and is therefore located in an extremely prospective area. Considering the reported nature of placer gold recovered from these claims it appears that this ground represents a possible source area for the gold in the creeks.

Soil sampling further extended anomalous areas which were partially outlined during previous surveys. The combined results of all soil sampling to date outlines two lengthy target areas; one parallel to the Lone Star ridge passing through the old Lone Star Mine workings; and a second trending from Eldorado Creek through Gay and Oro Grande Gulches and onwards to the southeast.

Trenching of areas within these soil anomalies uncovered gold bearing schists and cross cutting quartz veins, with values up to 7.086 ounces per ton being returned from individual samples. The best results were obtained from an area of trenching between Gay and Oro Grande Gulches.

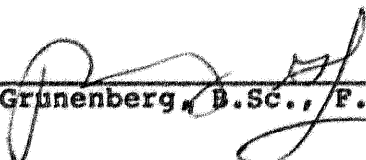
Rotary and diamond drilling of soil anomalies intersected gold bearing horizons in several places. The two main areas of interest as outlined by drilling are near the old Lone Star mine and near Oro Grande and Gay Gulches, on opposing sides of the ridge separating the Eldorado Creek valley from the Upper Bonanza Creek valley.

The geology in the areas of interest is poorly understood because of the nature of bedrock and lack of surface exposures. Hence, the mode of gold emplacement within the schists is unclear. The indicated geometry of the gold bearing horizons implies that these horizons have a parallel orientation to the prominent foliation within the schist. This implies that the gold bearing horizons were emplaced parallel to the primary bedding (strataform), or, that remobilization of gold bearing solutions occurred during the final stages of regional metamorphism, with these solutions crystallizing parallel to schistosity (foliaform).

In either of the above scenarios for gold emplacement, the simple

exploration technique involves mapping the dominant schistosity trends, and matching these with areas of known or suspected gold mineralization. Dominant schistosity trends are easily traced using graphitic horizons as markers on the Lone Star property. It may be possible to follow gold bearing horizons paralleling graphitic marker horizons in both the Gay Gulch and old Lone Star mine areas. Soil sampling along these trends has proven best for outlining trench and drill targets.

Respectfully submitted;

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

## 8.0 REFERENCES

- Bostock, H.S., 1957; Yukon Territory-Selected Field Reports of the Geological Survey of Canada, 1893 to 1937: Geol. Surv. of Canada, Memoir 284.
- Boyle, R.W., 1979; The Geochemistry of Gold and its Deposits: Geol. Surv. of Canada, Bulletin 280, p. 350-357.
- Cairnes, D.D., 1912; Quartz Mining in the Klondike District: Geol. Surv. of Canada, Sum. Rept. for 1911, pp. 4, 17-40: Also Geol. Surv. of Canada, Memoir 284, p. 343-351.
- DeCarle, R.J., 1984; Airborne Electromagnetic Survey, Mark Management Limited, Dawson Area, Yukon Territory: File No. 26023, Commissioned Report.
- Desborough, George A., 1970; Silver Depletion Indicated by Microanalysis of Gold from Placer Occurrences, Western United States: Econ. Geol., v. 65, no. 3, p. 304-311.
- Dufresne, M.B., 1986; Origin of Gold in the White Channel Sediments of the Klondike Region, Yukon Territory. Master of Science Thesis, University of Alberta, 166 pp.
- Gleeson, C.F., 1970; Heavy Mineral Studies in the Klondike Area, Yukon Territory: Geol. Surv. of Canada, Bull. 173, 63 pp.
- Grunenberg, P. and Troup, A., 1985; Geological, Geochemical and Geophysical Report on the Dawson Property: Unpub. Rept., 42 pp.
- Grunenberg, P. and Troup, A., 1986; Geological, Geochemical and Geophysical Report for Work Performed by Mark Management Ltd.: Unpub. Rept., 42 pp.
- MacLean, T.A., 1914; Lode Mining in Yukon; An Investigation of Quartz Deposits in the Klondike Division: Can. Dept. of Mines, Mines Br. Pub. 222, Ottawa.
- McConnell, R.G., 1905; Report on the Klondike Gold Fields: Geol. Surv. of Canada, Annu. Rep., pt. B, v.14, p. 1-71.
- Mortensen, J.K., 1986; Bedrock Geology and U-Pb Geochronology of the Klondike District, West-Central Yukon Territory. Geological Survey of Canada.
- Roche, W.J., 1916; The Yukon Territory; Its History and Resources: an Issue by the Ministry of the Interior, Ottawa.
- Tuck, R., 1968; Origin of the Bedrock Values of Placer Deposits: Econ. Geol., v. 63, no. 2, p. 191-193.

**Van Angeren, P.D., 1986; Compilation Report on the Lone Star Property, Dawson Mining District, Y.T.: Unpub. Rpt. for Dawson Eldorado Mines Ltd.**

**Walcott, P.E. and Associates Ltd., 1987; A Report on Magnetic and Electromagnetic Surveys, RON 17-22. (Unpublished Report for Arbor Resources Inc.)**

**Walcott, P.E. and Associates Ltd., 1987; A Report on Magnetic and Induced Polarization Surveys, RON, SYNDICATE, RJ, DN, ND, DE claims and LOTS. (Unpublished report for Arbor Resources Inc. and Kangeid Resources Ltd.)**

## STATEMENT OF QUALIFICATIONS

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

### ACADEMIC

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

### PROFESSIONAL

1984 Mark Management Ltd. Project Geologist working in all  
to Vancouver, B.C. aspects of exploration for gold  
present throughout B.C. and Yukon.

1983 Strato Geological Engineering Project Geologist contracted to  
Ltd. Vancouver, B.C. work gold properties near Virginia  
City, Nevada, near Wenatchee,  
Washington, and at several  
locations of southern B.C.

1982 P and L Exploration Geologist involved in evaluating  
Vancouver, B.C. placer gold prospects near Quesnel,  
and near Princeton, B.C.

### SUMMER EMPLOYMENT

1981 Mark Management limited Assistant Party Chief  
Quesnel-Gold

1980 Kennco Explorations Senior Assistant  
Coast Range-Porphyry Moly

1979 Riocanex Junior Assistant  
North Central B.C.-Porphyry Copper

1978 Riocanex Junior Assistant  
South Coast B.C.-Regional Expl.

## 10.0 COST STATEMENT

1 June - 12 November, 1987

## GENERAL COSTS

FOOD AND ACCOMODATION, 5Pers, 531MDays @ \$34.84		\$ 18,500.83
SHIPMENTS		22,914.86
FIELD TELEPHONE SERVICE		713.42
SUPPLIES		7,344.54
FIXED WING		4,022.20
FUEL		7,295.63
<b>RENTALS</b>		
Norcan 2 GM 4WD trucks		
1 Jun - 12 Nov, 164Days @ \$50	\$ 16,400.00	
Ezekiel Field Equipment		
531MDays @ \$6	3,186.00	
David Langtree House		
1 June - 12 Nov, 6 Months @ \$833	5,000.00	
Chain-Saw Rental		
5Days @ \$30	150.00	24,736.00
Maintenance		774.00
Consultant Fees		
Archean Engineering Ltd.	\$ 14,050.00	
Adder Exploration and Development Ltd	2,119.66	16,169.66
Data Handling and Report Preparation		10,925.00
<b>TOTAL GENERAL COSTS</b>		<u><u>\$113,396.14</u></u>

ARBOR RESOURCES INC.  
1 - 30 June, 1987

## GEOLOGICAL MAPPING

## SALARIES AND WAGES

D. Bahrey, 2DAYS @ \$69.23	\$ 136.66	
P. Grunenberg, 7DAYS @ \$133.33	933.31	
T. Plommer, 2DAYS @ \$65.38	130.76	
S. Tomlinson, 1DAY	114.58	\$ 1,317.31
BENEFITS @ 20%		263.46
GENERAL COSTS APPORTIONED (12/513 x \$113,396.14)	2,652.54	\$ 4,233.31

**LINE SURVEYING, CUTTING AND FLAGGING****SALARIES AND WAGES**

D. Bahrey, 13 DAYS @ \$69.23	\$ 901.29	
P. Grunenberg, 2 DAYS @ \$133.33	266.66	
T. Plommer, 14 DAYS @ \$65.38	915.32	
S. Tomlinson, 11 DAYS @ \$114.58	1260.38	
W. Lebarge, 8 DAYS @ \$84.62	876.96	\$ 4,220.61
BENEFITS @ 20%		844.12
GENERAL COSTS APPORTIONED		
(48/513 x \$113,396.14)	<u>10,610.16</u>	\$ 15,674.90

**GEOCHEMICAL SURVEY****SALARIES AND WAGES**

D. Bahrey, 10 DAYS @ \$69.23	\$ 692.30	
P. Grunenberg, 4 DAYS @ \$133.33	533.32	
T. Plommer, 9 DAYS @ \$65.38	588.42	
S. Tomlinson, 4 DAYS @ \$114.58	458.32	
W. Lebarge, 11 DAYS @ \$84.62	930.82	\$ 3,204.18
BENEFITS @ 20%		640.84
ASSAYS AND ANALYSES - CHEMEX LABS		
712 Soil for Au & 32el. ICP		
@ \$19.04	\$13,556.48	
50 Soil for Au @ \$18	900.00	
50 Pulp for 32element ICP		
@ \$6.75	337.50	
6 Pulp for Au @ \$8	48.00	
1 HMC for Au & 32element ICP	29.75	14,871.73
GENERAL COSTS APPORTIONED		
(38/531 x \$113,396.14)	<u>8,114.98</u>	\$ 26,831.73

**DRILLING****SALARIES AND WAGES**

D. Bahrey, 1 DAY	\$ 69.23	
P. Grunenberg, 4 DAYS @ \$133.33	533.32	
W. Lebarge, 1 DAY	84.62	\$ 687.17
BENEFITS @ 20%		137.43
E. CARON, 29-30 JUNE, 1094' @ \$34.68		5,410.08
ASSAYS AND ANALYSES - CHEMEX LABS		
31 Rock for Au & 32element ICP		
@ \$19.31		598.61
GENERAL COSTS APPORTIONED		
(6/531 x \$113,396.14)	<u>1,281.32</u>	\$ 8,114.61

**BULLDOZER: ROADS, DRILL SITES, TRENCHING****SALARIES AND WAGES**

P. Grunenberg, 10 DAYS		
@ \$133.33	\$1,333.33	
T. PLOMMER, 1 DAY	65.38	
S. TOMLINSON, 7 DAYS @ \$114.58	802.06	
W. LEBARGE, 1 DAY	84.62	\$ 2,285.39
BENEFITS @ 20%		457.08

**ASSAYS AND ANALYSES - CHEMEX LABS**

15 Rock for Au&32element ICP @ \$24.75	371.25	
GILLESPIE EQUIPMENT, 6 - 30 June 199.5HRS @ \$160	31,920.00	
KLONDIKE TRANSPORT, 23 - 30 June 46.5HRS @ \$160	7,440.00	
GENERAL COSTS APPORTIONED (19/531 x \$113,396.14)	<u>4,057.49</u>	\$ 46,531.21

**GEOPHYSICS****SALARIES AND WAGES**

P.Grunenberg, 2DAYS @ \$133.33	\$ 266.66	
S.Tomlinson, 5DAYS @ \$114.58	572.90	\$ 839.56
BENEFITS @ 20%	<u>167.91</u>	

**RENTALS**

Kangeld Proton Mag, 4DYS @ \$27	\$ 108.00	
Gallant EM16, 4DAYS @ \$27	108.00	\$ 216.00

**GENERAL COSTS APPORTIONED**

(7/531 x \$113,396.14)	<u>1,494.86</u>	\$ <u>2,718.33</u>
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**JUNE TOTAL**

\$104,104.09

**ARBOR RESOURCES INC**

1 - 31 July, 1987

**GEOLOGICAL MAPPING****SALARIES AND WAGES**

P.Grunenberg, 2DAYS @ \$133.33	\$ 266.66	
BENEFITS @ 20%	53.33	

**GENERAL COSTS APPORTIONED**

(2/531 x \$113,396.14)	<u>427.10</u>	\$ 747.09
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**LINE SURVEYING, CUTTING AND FLAGGING****SALARIES AND WAGES**

D.Bahrey, 3DAYS @ \$69.23	\$ 207.69	
P.Grunenberg, 2DAYS @ \$133.33	266.66	
T.Plommer, 3DAYS @ \$65.38	196.14	
S.Tomlinson, 1DAY	114.58	
W.Lebarge, 1DAY	84.62	\$ 869.69
BENEFITS @ 20%	<u>173.94</u>	

**GENERAL COSTS APPORTIONED**

(10/531 x \$113,396.14)	<u>2,135.52</u>	\$ 3,179.15
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**GEOCHEMICAL SURVEY****SALARIES AND WAGES**

D.Bahrey, 11DAYS @ \$69.23	\$ 761.53	
T.Plommer, 12DAYS @ \$65.38	784.56	
W.Lebarge, 3DAYS @ \$84.62	253.86	\$1,799.95

BENEFITS @ 20%	359.90	
<b>ASSAYS AND ANALYSES - CHEMEX LABS</b>		
487 Soil for Au & 32element ICP @ \$19.04	\$9,272.48	
34 Soil for Au @ \$18	612.00	
34Pulp for 32element ICP @ \$6.75	229.50	
4Pulp for Au @ \$8	32.00	
GENERAL COSTS APPORTIONED (26/531 x \$113,396.14)	<u>5,552.35</u>	\$ 17,858.18

**DRILLING****SALARIES AND WAGES**

P.Grunenberg,9DAYS @\$133.33	\$1199.97	
S.Tomlinson,9DAYS @ \$114.58	1031.22	
W.Lebarge,9DAYS @ \$84.62	761.58	\$2,992.77
BENEFITS @ 20%	<u>598.55</u>	
E.CARON, 1 - 14 July,1094' @ \$34.68	37,939.92	
<b>ASSAYS AND ANALYSES - CHEMEX LABS</b>		
219 Rock for Au & 32element @\$19.31	4,228.89	
GENERAL COSTS APPORTIONED (27/531 x \$113,396.14)	<u>5,765.91</u>	\$ 51,526.04

**BULLDOZER: ROADS, DRILL SITES AND TRENCHING****SALARIES AND WAGES**

D.Bahrey,7DAYS @ \$69.23	\$ 484.61	
P.Grunenberg,6DAYS @ \$133.33	799.98	
T.Plommer,6DAYS @ \$65.38	392.28	
S.Tomlinson,11DAYS @ \$114.58	1260.38	
W.Lebarge,10DAYS @ \$84.62	846.20	\$3,783.45
BENEFITS @ 20%	<u>756.69</u>	
<b>KLONDIKE TRANSPORT, 2 - 30 July</b>		
167.5HRS @ \$160	26,800.00	
<b>GILLESPIE EQUIPMENT, 1 - 2July</b>		
15HRS 2@ \$160	2,400.00	
<b>ASSAYS AND ANALYSES - CHEMEX LABS</b>		
46 Rock for Au & 32element ICP @ \$24.75	1,138.50	
GENERAL COSTS APPORTIONED (40/531 x \$113,396.14)	<u>8,542.08</u>	\$ 43,420.72

**GEOPHYSICAL SURVEY****SALARIES AND WAGES**

P.Grunenberg,3DAYS @ \$133.33	\$ 400.00
BENEFITS @ 20%	80.00
<b>RENTALS</b>	
Kangeld Proton Mag.,2DAYS @ \$27	54.00
Gallant EM16,2DAYS @ \$27	54.00

GENERAL COSTS APPORTIONED (3/531 x \$113,396.14)	<u>969.19</u>	<u>\$ 1,557.20</u>
<b>JULY TOTAL</b>		<u><u>\$118,288.38</u></u>

ARBOR RESOURCES INC.  
1 - 31 August, 1987.

**GEOLOGICAL MAPPING**

**SALARIES AND WAGES**

D. Bahrey, 1DAY	\$ 69.23	
P. Grunenberg, 10DAYS @ \$133.33	1333.30	
T. Plommer, 1 DAY	65.38	
S. Tomlinson, 4DAYS @ \$114.58	458.32	
W. Lebarge, 5DAYS @ \$84.62	423.10	\$2,349.33
	<u>469.87</u>	
BENEFITS @ 20%		
GENERAL COSTS APPORTIONED (21/531 x \$113,396.14)	<u>4,484.59</u>	\$ 7,303.79

**LINE SURVEYING, CUTTING AND FLAGGING**

**SALARIES AND WAGES**

D. Bahrey, 1 DAY	\$ 69.23	
T. Plommer, 1 DAY	65.38	\$ 134.61
BENEFITS @ 20%	<u>26.92</u>	
GENERAL COSTS APPORTIONED (2/531 x \$113,396.14)	<u>427.10</u>	\$ 588.63

**GEOCHEMICAL SURVEY**

**SALARIES AND WAGES**

D. Bahrey, 7DAYS @ \$69.23	\$ 484.61	
P. Grunenberg, 4DAYS @ \$133.33	533.32	
T. Plommer, 6DAYS @ \$65.38	392.28	
W. Lebarge, 3DAYS @ \$84.62	253.86	\$1,664.07
BENEFITS @ 20%	<u>332.81</u>	
ASSAYS AND ANALYSES - CHEMEX LABS		
375 Soil for Au & 32element ICP @ \$19.04	7,140.00	
26 Soil for Au @ \$18	468.00	
26 Pulp for 32element ICP @ \$6.75	175.50	
3 Pulp for Au @ \$8	24.00	
GENERAL COSTS APPORTIONED (20/531 x \$113,396.14)	<u>4,271.04</u>	\$ 14,075.42

**DRILLING**

**SALARIES AND WAGES**

P. Grunenberg, 2DAYS @ \$133.33	\$ 266.66
BENEFITS @ 20%	53.33

## GENERAL COSTS APPORTIONED

(2/531 x \$113,396.14)	<u>427.10</u>	\$ 747.09
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## BULLDOZER:ROADS,DRILL SITES AND TRENCHING

## SALARIES AND WAGES

D.Bahrey,3DAYS @ \$69.23	\$ 207.69
T.Plommer,5DAYS @ \$65.38	326.90
S.Tomlinson,8DAYS @ \$114.58	916.64
W.Lebarge,10DAYS @ \$84.62	846.20
	<u>\$2,297.43</u>

BENEFITS @ 20%	459.49
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KLONDIKE TRANSPORT,1 - 3 August	
8.5HRS @ \$160	1,360.00

## ASSAYS AND ANALYSES - CHEMEX LABS

47 Rock for Au & 32element ICP	
@ \$24.75	1,163.25

## GENERAL COSTS APPORTIONED

(26/531 x \$113,396.14)	<u>5,552.35</u>	\$ 10,832.52
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## GEOPHYSICAL SURVEY

## SALARIES AND WAGES

D.Bahrey,1 DAY	\$ 69.23
P.Grunenberg,3DAYS @ \$133.33	400.00
T.Plommer,1 DAY	65.38
S.Tomlinson,3DAYS @ \$114.58	343.74
	<u>\$ 878.35</u>

BENEFITS @ 20%	175.67
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## RENTALS

Kangeld Proton Mag.,2DAYS @ \$27	54.00
Gallant EM16,2DAYS @ \$27	54.00

## GENERAL COSTS APPORTIONED

(8/531 x \$113,396.14)	<u>1,708.42</u>	\$ 2,870.44
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## PLACER TESTS

## SALARIES AND WAGES

D.Bahrey,2DAYS @ \$69.23	\$ 138.46
P.Grunenberg,1 DAY	133.33
T.Plommer,1 DAY	65.38
S.Tomlinson,3DAYS @ \$114.58	343.74
	<u>\$ 680.91</u>

BENEFITS @ 20%	136.18
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KIERAN DAUNT BACKHOE,16 - 31 August	6,440.00
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HY G MANUFACTURING INC.,16 - 31 August	1,462.44
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## GENERAL COSTS APPORTIONED

(7/531 x \$133,396.14)	<u>1,494.86</u>	<u>\$ 10,214.39</u>
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## AUGUST TOTAL

		<u>\$ 46,632.28</u>
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ARBOR RESOURCES INC.  
1 - 30 September, 1987

**GEOLOGY**

**SALARIES AND WAGES**

P.Grunenberg, 6DAYS @ \$133.33	\$ 799.98	
S.Tomlinson, 4DAYS @ \$114.58	458.32	
W.Lebarge, 5DAYS @ \$84.62	423.10	\$1,681.40
BENEFITS @ 20%		336.28
GENERAL COSTS APPORTIONED (15/531 x \$113,396.14)		
	<u>3,203.28</u>	\$ 5,220.96

**GEOCHEMICAL SURVEY**

**SALARIES AND WAGES**

P.Grunenberg, 1 DAY	\$ 133.33	
S.Tomlinson, 1 DAY	114.58	\$ 247.91
BENEFITS @ 20%		49.58
ASSAYS AND ANALYSES - CHEMEX LABS		
37 Soil for Au & 32element ICP @ \$19.04		\$ 704.48
3 Soil for Au @ \$18		54.00
3 Pulp for 32element ICP @ \$6.75		20.25
GENERAL COSTS APPORTIONED (2/531 x \$113,396.14)		
	<u>427.10</u>	\$ 1,503.32

**DRILLING**

**SALARIES AND WAGES**

P.Grunenberg, 7DAYS @\$133.33	\$ 933.31	
S.Tomlinson, 15DAYS @ \$114.58	1718.70	
W.Lebarge, 2DAYS @ \$84.62	169.24	\$2,821.25
BENEFITS @ 20%		564.25
JIM SIMPSON, 23 September		300.00
GENERAL COSTS APPORTIONED (24/531 x \$113,396.14)		
	<u>5,125.25</u>	\$ 8,810.75

**BULLDOZER: ACCESS ROADS**

**SALARIES AND WAGES**

P.Grunenberg, 6 DAYS	\$ 799.90	
W.Lebarge, 2 DAYS	169.24	\$ 969.14
BENEFITS @ 20%		193.83
KLONDIKE TRANSPORT, 8-30 Sept., 133.5HRS @ \$160		21,360.00
GENERAL COSTS APPORTIONED (8/531 x \$113,396.14)		
	<u>1,708.42</u>	\$ 24,231.39

**GEOPHYSICAL SURVEY****SALARIES AND WAGES**

S.Tomlinson, 1DAY	\$ 114.58	
W.Lebarge, 1DAY	84.62	\$ 199.20
BENEFITS @ 20%		<u>39.84</u>
<b>RENTALS</b>		
Kangeld Proton Mag., 1DAY		27.00
Gallant EM16, 1DAY		27.00
<b>GENERAL COSTS APPORTIONED</b> (2/531 x \$113,396.14)	427.10	\$ 720.14
		<u>427.10</u>

**PLACER TESTS****SALARIES AND WAGES**

W.Lebarge, 1 DAY	\$ 84.62	
BENEFITS @ 20%		16.92
HY G MANUFACTURING, 1-4 Sept.		765.61
<b>GENERAL COSTS APPORTIONED</b> (1/531 x \$113,396.14)	213.55	\$ 1,080.70
		<u>213.55</u>

**SEPTEMBER TOTAL**\$ 41,567.26

**ARBOR RESOURCES INC.**  
1 - 30 OCTOBER, 1987.

**DRILLING****SALARIES AND WAGES**

P.Grunenberg, 30DAYS @ \$133.33	\$3999.90	
S.Tomlinson, 25 DAYS @ \$114.58	2864.50	
W.Lebarge, 4 DAYS @ \$84.62	338.48	\$7,202.88
BENEFITS @ 20%		<u>1,440.58</u>
E.CARON, 1-31 Oct., 14,551' @ \$25.89		376,718.08
<b>ASSAYS AND ANALYSES - CHEMEX LABS</b> 2910 Core for Au & 32element ICP@		54,562.50
<b>GENERAL COSTS APPORTIONED</b> (59/531 x \$113,396.14)	121,599.57	\$451,083.03
		<u>121,599.57</u>

**BULLDOZER: ROADS, TRENCHING****SALARIES AND WAGES**

P.Grunenberg, 1 DAY	\$ 133.33	
S.Tomlinson, 1 DAY	114.58	
W.Lebarge, 2 DAYS	169.24	\$ 417.15
BENEFITS @ 20%		<u>83.43</u>
<b>KLONDIKE TRANSPORT, 2-17 Oct.,</b> 97HRS @ \$160		15,520.00
<b>GENERAL COSTS APPORTIONED</b> (4/531 x \$113,396.14)	854.21	\$ 16,874.79
		<u>854.21</u>

**OCTOBER TOTAL**\$467,957.82

ARBOR RESOURCES INC.  
1 - 17 November, 1987.

**DRILLING**

**SALARIES AND WAGES**

P.Grunenberg, 7 DAYS	\$ 933.31	
S.Tomlinson, 12 DAYS	1374.96	\$2,308.27
BENEFITS @ 20%	<u>          </u>	461.65
E.CARON, 1-17 Nov., 3420'		
@ \$24.41		83,482.20
DAREL TAYLOR, Core Bagging		263.72
ASSAYS AND ANALYSES - CHEMEX LABS		
684 Core for Au & 32element		
@ \$19.31		13,208.04
GENERAL COSTS APPORTIONED		
(19/531 x \$113,396.14)	<u>4,057.49</u>	<u>\$103,781.37</u>

**11.0 APPENDICES****APPENDIX I - DRILL LOGS**

# DIAMOND DRILL RECORD

PROPERTY DAWSON  
ARBOR - LONESTAR

SOLE NO. 87D1 PAGE 1 OF 5

LATITUDE		DIPS-COLLAR		AZIMUTH				VERTICAL				STARTED			
139° 16'		- 90°										June 28, 1987			
LONGITUDE				CORE SIZE				COMPLETED							
63° 53'				HQ to 246' nQ to 600'				July 8, 1987							
ELEVATION				CONTRACTOR				LENGTH							
2375 feet				CARON DIAMOND DRILLING				600 feet							
SHEET NO.								LOGGED BY							
115-0-14								P. GRUNENBERG							
TARGET								DATE							
Diamond core gold bearing intersection from Rotary Hole #87R21								July 10, 1987							
INTERVAL		ROCK DESCRIPTION		% REC	FROM	TO	ROD	GRAPHIC	MINERALIZATION SUMMARY	SAMPLE NUMBER	INTERVAL	WIDTH	TAG NUMBER	DEPTH (m)	
FROM	TO														
0	10	Casing													
10	80	Quartz muscovite chlorite schist Quartz - 50% Muscovite - 35% Chlorite - 10% Others - 5% Schistosity to C.A. 40° - 45° Texture fairly constant, thin bands of muscovite - quartz along schistosity. Thicker bands of quartz to 1cm every 5-10 feet.		100%	10	42			Pyrite, coarse disseminate to average <1% (to 1mm).	87D1	10-15	5			
				50%	42	58					15-20	5			
				70%	58	65					20-25	5			
				80%	65	68					25-30	5			
				40%	68	76			Fe Ox and Mn Ox common along schistosity planes, and along cross-cutting planes.		30-35	5			
				100%	76	80					35-40	5			
											40-44	4			
											44-52	5			
											52-58	5			
											58-65	5			
											65-76	5			
(50')		Core broken, apparently sheared near 50 feet, coarse muscovite rich, poor recovery.							Narrow fractures (1mm) roughly parallel to C.A., <1%.		76-80	4			
80	86	Muscovite quartzite Relatively equigranular, equitextured, eyes to 2% 70% quartz (+ quartz eyes) 25% muscovite		100%	80	86			Orange-red limonite stained both along foliation and along cross-cutting fractures	87D1	80-83	3			
											83-86	3			





INTERVAL		ROCK DESCRIPTION	% REC	FROM	TO	ROD	GRAPHIC	MINERALIZATION SUMMARY	SAMPLE NUMBER	INTERVAL	WIDTH	TAG NUMBER	DEPTH (m)	
FROM	TO													
									87D1	380.5 - 386 386-391 391-396 396-397 397-401 401-401.2 401.2 - 403.5 403.5-404 404-406.5 406.5 - 412.5 412.5 - 413.5 413.5-417 417-422 422-427 427-432 432-437	5.5 5 5 1 4 0.2 2.3 0.5 2.5 6 1 3.5 5 5 5 5			
436.5	441	Rehealed breccia zone (meta breccia) 20% 1cm subrounded quartz fragments 20% finer quartz (matrix) 40% muscovite (matrix) 10% chlorite 10% other Quite a metamorphic fabric in places. May be same as schist in source rock, foliated to a lesser degree.	100	436.5	441			Limonic colour along fractures, may be from carbonates (FeOx).	87D1	437-439 439-441	2 2			
441	600	Quartz, muscovite, chlorite + sericite schist. Slightly lighter and darker colouration changes due to chlorite and sericitic changes in mineralogy. Very gradational changes. Well foliated, with some larger quartz lenses as noted.	100	441	600			<1% pyrite throughout  Pyrite enrichment along chlorite lamellae some coarse, and fine	87D1	441-445.5 445.5-450 450-451 451-454 454-457 457-460 460-463 463-466	4.5 4.5 1 3 3 3 3 3			







INTERVAL		ROCK DESCRIPTION	X REC	FROM	TO	ROD	GRAPHIC	MINERALIZATION SUMMARY	SAMPLE NUMBER	INTERVAL	WIDTH	TAG NUMBER	DEPTH (m)
FROM	TO												
(369	372)	<p>Quartz-carbonate vein or pod, appears to have altered bedrock at contact structurally, or assimilation through metamorphism.</p> <p>Approximately 10% coarse calcite. also contains chlorite blobs.</p> <p>Poor recovery indicates shear, very broken core with intense slicken sides on some surfaces, slight clay/sericite.</p> <p>Irregular quartz pod or vein.</p> <p>Irregular quartz vein or pod. Pyrite along contacts, along fracture surface of upper contact, up to 3% pocket within quartz also contains pyrite.</p>						87D2	434-437	3			
(386	391.5)		437-440	3									
(415.5	416)		440-443	3									
(452.5	453)		443-446	3									
			446-449	3									
		449-452	3										
		452-453	1										
		453-458	5										
		458-461	3										
		461-464	3										
		464-466	2										
466	574	<p>Quartz muscovite chlorite (+ sericite) schist.</p> <p>Quartz pervasive siliceousness and foliaform bands.</p> <p>Darker colour than above section (chlorite content).</p> <p>Patchy areas of chlorite enrichment.</p> <p>Quartzitic in texture in some places.</p> <p>Grey and light layering (tiger schist). relative chlorite content.</p> <p>Gradational to lower contact.</p> <p>No large quartz lamellae.</p> <p>Schistosity to C.A.: 56°.</p> <p>Sericite altered, fractured segment i.e. broken core with powder surfaces.</p>	80	467	472		Disseminated pyrite, 1%, small individual cubes.	87D2	466-470	4			
			100	472	574								
									470-473	3			
									473-476	3			
									476-479	3			
									479-482	3			
									482-485	3			
									485-488	3			
									488-491	3			
									491-495	4			
									495-498	3			
									498-501	3			
									501-503	3			
									503-506	3			
(495	501)								506-509	3			
									509-512	3			
									512-515	3			
									515-518	3			
									518-521	3			
									521-524	3			

INTERVAL		ROCK DESCRIPTION	% REC	FROM	TO	ROD	GRAPHIC	MINERALIZATION SUMMARY	SAMPLE NUMBER	INTERVAL	WIDTH	TAG NUMBER	DEPTH (m)	
FROM	TO													
									87D2	524-527 527-530 530-533 533-536 536-539 539-542 542-545 545-548 548-551 551-554 554-557 557-560 560-563 563-566 566-569 569-572 572-574	3 2			
574	603	Quartz muscovite schist with <1% chlorite. Very few chlorite within lamellae. Layering along schistosity not as well developed as surrounding rock, more equitextured. Schistosity to C.A. = 59° Irregular schistosity. 2 inch quartz vein or pod.	100	574	603			Carbonate coatings along fracture surfaces (magnetite). Little or no pyrite	87D2	574-577 577-582 582-587 587-592 592-597 597-603	3 5 5 5 5 6			
(576.5)														
603	650	"Tiger schist" ? Quartz, muscovite, chlorite schist. Darker and lighter banding due to chlorite content. up to 70% quartz - 20% muscovite - 10% chlorite	100	603	650			Minor pyrite <<1% individual cube disseminate.	87D2	603-607 607-612 612-617 617-622 622-627 627-632	4 5 5 5 5 5			

INTERVAL		ROCK DESCRIPTION	# REC	FROM	TO	ROD	GRAPHIC	MINERALIZATION SUMMARY	SAMPLE NUMBER	INTERVAL	WIDTH	TAG NUMBER	DEPTH (m)
FROM	TO												
(596.5 619)	597)	Much like 466-574. Quartz vein or pod, apparently foliaform 2 inch quartz-carbonate, - 20% calcite, chalky; - 1% pyrite; lamellae Core more broken (fractured) through section.						87D2	632-637	5			
near	634)									637-642	5		
									642-647	5			
									647-650	3			





LATITUDE	139° 18'	DIPS-COLLAR	50°	AZMUTH	025	STARTED	October 4, 1987 11:00 a.m.
LONGITUDE	63° 53'		277 feet - 49°	CORE SIZE	HQ to 102; nQ to 307	COMPLETED	October 6, 1987 10:00 a.m.
ELEVATION	1940 feet			CONTRACTOR	CARON DIAMOND DRILLING	LENGTH	307 feet
SHEET NO.	115-0-14					LOGGED BY	P. GRUNENBERG
TARGET	KUSTY ZONE IN ELDORADO CREEK, D. JOHNSON'S CAMP					DATE	OCTOBER 12, 1987

INTERVAL		ROCK DESCRIPTION	X REC	FROM	TO	RQD	GRAPHIC	MINERALIZATION SUMMARY	SAMPLE NUMBER	INTERVAL	WIDTH	TAG NUMBER	DEPTH (m)
FROM	TO												
0	25	Casing											
25	81	Weathered, oxidized, quartz-muscovite Schist, poorly laminated, clay alteration product, - 45% quartz 25% muscovite 15% sericite 15% other, including clays - cleavage average 80° to core axis - very few quartz pod, lamellae, or vein (1 or 2)	100	25	81	4		MnOx throughout FeOx along fractures <1% sulphide boxworks	8704	25- 32 32- 37 37- 42 42- 47 47- 52 52- 57 57- 62 62- 66 66- 70 70- 75 75- 81	7 5 5 5 5 5 4 4 5 6		
81	130	- gradational change from above to biotitic, quartz muscovite schist - weathering decreases to minimum at 90 ft. - carbonate in matrix and along fractures - 5 to 15% biotite (fine grained, subhedral) 30% muscovite 20% carbonate blebs (from k-spar) 25% quartz blebs 10-20% matrix (quartz and carbonate) - cleavage change from 80° to 50° to 80° throughout section (to C.A.) - no large quartz veins or pods.	100	81	129	4  3		red translucent mineral (sphalerite?), fine grained, to 1% or 2%. - little or no pyrite - sphalerite finely disseminated, possibly only within biotite enriched sections.		81-84.5 84.5-87 87- 91 91- 96 96-100 100-103 103-107 107-111 115-119 119-123 123-127 127-130	3.5 2.5 4 5 4 3 4 4 4 4 4 3		

INTERVAL		ROCK DESCRIPTION	X REC	FROM	TO	RQD	GRAPHIC	MINERALIZATION SUMMARY	SAMPLE NUMBER	INTERVAL	WIDTH	TAG NUMBER	DEPTH (m)
FROM	TO												
130	151	<ul style="list-style-type: none"> <li>- gradational change from above to less biotite, and introduction of small % chlorite</li> <li>- mildly chloritic quartz muscovite schist.</li> <li>- few lenses of biotite enrichment.</li> <li>- still high carbonate matrix and blebs</li> <li>- roughly 5% chlorite.</li> <li>- 2 larger quartz sections; -2 inch quartz pod at 133.5 feet;</li> </ul>	100	129	150.5	3		<ul style="list-style-type: none"> <li>- much less than 1% very fine grained pyrite</li> <li>- no noticeable sulfide enrichments within or adjacent to quartz pods</li> </ul>	87D4	130-134 134-137 137-138 138-142 142-147 147-151	4 3 1 4 5 4		
(137	138)	<ul style="list-style-type: none"> <li>- 9 inch quartz pod (foliaform contacts) at 137'-138'</li> <li>- 50° to C.A.</li> </ul>											
151	152	Dyke? - fine grained phenocrysts of carbonate altered F-spar, and quartz, set in a very fine grained medium grey matrix. - Felsic				4		<1% very fine grained pyrite, mostly compared by quartz phenocrysts.	87D4	151-152	1		
151	172.5	<ul style="list-style-type: none"> <li>same as 130-151; few larger pods of chlorite</li> <li>- 2 inch quartz pod at 163 feet.</li> <li>- cleavage to C.A. = 65°</li> <li>- sharp contact to next unit, angle to C.A. = 65°; suggests bedding parallel to schistosity through this section.</li> </ul>	100	150.5	172	3		much less than 1% very fine grained pyrite	87D4	152-155 155-160 160-165 165-170 170-172.5	3 5 5 5 2.5		
172.5	181	<ul style="list-style-type: none"> <li>- quartz, sericite quartzite</li> <li>- light coloured, equigranular, mildly foliated</li> <li>- carbonate blebs still present, and carbonate along minute fractures</li> <li>- 55% quartz      10% carbonate</li> <li>- 30% sericite      5% other</li> <li>- sharp contact to next unit, angle to core axis = 70°</li> </ul>	100	172	182	2		2 to 5% finely disseminated pyrite	87D4	172.5-175 175-178	2.5 3		

INTERVAL		ROCK DESCRIPTION	X REC	FROM	TO	RQD	GRAPHIC	MINERALIZATION SUMMARY	SAMPLE NUMBER	INTERVAL	WIDTH	TAG NUMBER	DEPTH (m)
FROM	TO												
181	228	<ul style="list-style-type: none"> <li>- graphitic schist</li> <li>- mottled textured</li> <li>- 15 to 50% carbonaceous material (graphite)</li> <li>10 to 35% quartz</li> <li>5 to 20% muscovite</li> <li>- carbonate along fine fractures</li> <li>- contorted schistosity, but mostly 80° to core axis, brecciated appearance in places.</li> </ul>	100	182	227	3		<ul style="list-style-type: none"> <li>- does not appear to be any major increase in sulphide content from surrounding rocks, but more coarser pyrite present, to 1 or 2%.</li> </ul>	87D4	181-187 187-192 192-198 198-199 199-202 202-207 207-212 212-217 217-222 222-228	6 5 6 1 3 5 5 5 5 6		
(198	199)	<ul style="list-style-type: none"> <li>- about an 8" segment of quartz, mottled textured, about 30% carbonate.</li> </ul>						<ul style="list-style-type: none"> <li>- slight pyrite increase adjacent to quartz pod.</li> </ul>					
228	236.5	<ul style="list-style-type: none"> <li>limestone-skarn</li> <li>- very fine grained skeletal black mineral (pyroxene), and poorly formed brown splotches (garnet), set in medium to light grey carbonate matrix, roughly 30% granoblasts.</li> <li>- mildly crystalline</li> </ul>	100	227	237	2		Less than 1% very fine pyrite disseminate	87D4	228-232 232-236.5	4 4.5		
236.5	237	graphite - sheared? - powdery, coarse granular	?			4			87D4	236.5-237	0.5		
237	239	<ul style="list-style-type: none"> <li>- light grey-green quartz muscovite schist.</li> <li>- high carbonate content in blebs and along fractures ( to 30% rock)</li> <li>- rough schistosity about 80° to Core Axis</li> </ul>	100	237	242	3		Less than 1% pyrite	87D4	237-239	2		
239	246	<ul style="list-style-type: none"> <li>- graphitic schist.</li> <li>- mostly breccia textured with 1cm fragments, weak, convoluted schistosity plane.</li> <li>- 50% graphite</li> <li>30% quartz</li> <li>20% other, including carbonate in blebs and along crosscutting fracture surfaces.</li> <li>- area of higher quartz % near 242 ft.</li> </ul>	100	242	247	2		pyrite as coarse cubes and blebs, to less than 1%	87D4	239-242 242-246	3 4		



PROPERTY DAWSON  
ARBOR - LONESTAR

# DIAMOND DRILL RECORD

SOLE NO. 87D5 PAGE 1 OF 5

LATITUDE	139° 18'	DIPS-COLLAR	- 50°	AZIMUTH	020°	STARTED	October 6, 1987 12:00 a.m.
LONGITUDE	63° 53'	489 feet	- 48°	CORE SIZE	HQ to 80; nQ to 489	COMPLETED	October 8, 1987 5:00 p.m.
ELEVATION	1950 feet			CONTRACTOR	CARON DIAMOND DRILLING	LENGTH	489 feet
SHEET NO.	115-0-14					LOGGED BY	S. TOMLINSON
TARGET	RUSTY BEDDING WEST OF ELDORADO CREEK					DATE	OCTOBER 14, 1987

INTERVAL		ROCK DESCRIPTION	% REC	FROM	TO	RQD	GRAPHIC	MINERALIZATION SUMMARY	SAMPLE NUMBER	INTERVAL	WIDTH	TAG NUMBER	DEPTH (m)
FROM	TO												
0	24	Casing											
24	49.5	Weathered quartz moscovite schist. Mostly oxidized, crushed. Competent sections have small quartz eyes, some bluish. 50% quartz 35% muscovite 15% others Schistosity: 75° to C.A. Few quartz pods	100			4		FeOx'n, throughout MnOx'n, along fractures Epidote, minor	87D5	24- 30 30- 35 35- 39 39- 43 43- 47 47- 49.5	7 5 5.5 5.5 5.5 2.5		
49.5	122	Siliceous quartz muscovite schist. Varies from well layered to many small augens. Carbonate and sericite along fractures. 65% quartz 25% muscovite	100			2		Epidote, small blebs and fracture filling crystals, 1%. Mn staining. Siderite (?), very minor. Pyrite, small	87D5	49.5- 52 52- 57 57- 62 62- 67 67- 72 72- 77 77- 82	2.5 5 5 5 5 5 5		

INTERVAL		ROCK DESCRIPTION	% REC	FROM	TO	ROD	GRAPHIC	MINERALIZATION SUMMARY	SAMPLE NUMBER	INTERVAL	WIDTH	TAG NUMBER	DEPTH (m)
FROM	TO												
		10% others, mostly carbonate, epidote, and chlorite. Schistosity: 60° to C.A. No major quartz. Slight shearing around 110'.						disseminations, very minor.	87D5	82- 87 87- 92 92- 97 97-102 102-107 107-112 112-117 117-122	5 5 5 5 5 5 5		
122	150.5	Quartzite. Faint remnant muscovite lamellae, variable amounts. Gradational upper and lower contacts. 80-70% Quartz 10-20% Muscovite 10% Others, mainly epidote Poor schistosity, but lamellae at 60° to C.A.	100			2		Siderite, fracture staining, minor	87D5	122-127 127-132 132-137 137-142 142-147 147-150.5	5 5 5 5 5 3.5		
150.5	314	Siliceous quartz muscovite chlorite schist. Mostly well layered or small augens 50% Quartz 35% Muscovite 10% Chlorite 5% Others, mostly epidote and carbonates Percentages may vary by 10%. Schistosity: 75° to C.A.	100 except mismatch 152-157					Pyrite, small disseminations, minor. Carbonates along fractures.	87D5	150.5-152 157-162 162-167 167-172 172-177 177-182 182-187 187-192 192-197 197-202 202-207	1.5 5 5 5 5 5 5 5 5 5		

INTERVAL		ROCK DESCRIPTION	% REC	FROM	TO	ROD	GRAPHIC	MINERALIZATION SUMMARY	SAMPLE NUMBER	INTERVAL	WIDTH	TAG NUMBER	DEPTH (m)
FROM	TO												
(217.5 242 275)	(218.0 244 279)	Quartz pod, roughly foliaform, minor pyrite. Finely crushed Finely crushed							87D5	207-212 212-217 217-222 222-227 227-232 232-237 237-243 243-248 248-253 253-258 258-263 263-268 268-273 273-279 279-283 283-287 287-292 292-297 297-302 302-307 307-314	5 5 5 5 5 5 6 5 5 5 5 5 6 4 4 5 5 5 5 5 7		
314	325	Quartz chlorite muscovite schist. Poorly layered, small augens. Upper contact gradational. 4% Quartz 35% Chlorite 15% Muscovite 5% Others, mostly carbonate	100			2		Pyrite, very minor. Calcite, crosscutting stringers, minor.	87D5	314-319.5 319.5-325	5.5 5.5		

INTERVAL		ROCK DESCRIPTION	% REC	FROM	TO	RQD	GRAPHIC	MINERALIZATION SUMMARY	SAMPLE NUMBER	INTERVAL	WIDTH	TAG NUMBER	DEPTH (m)
FROM	TO												
325	342	Diabase dyke. Carbonate disseminated throughout. Magnetic Large, smooth, almost fibrous markings; either crystals (possibly serpentine) or slickenside surfaces	90			2			87D5	325-327 327-332 332-337 337-342	2 5 5 5		
342	344	Quartzite Faint schistosity Muscovite and chlorite occur in sections. Possibly highly silicified due to dyke.	100			2			87D5	342-344	2		
344	345	Diabase dyke (same as 325-342)	100			2			87D5	344-345	1		
345	346.5	Quartzite (same as 342-344) Faint muscovite and chlorite lamellae.	100			2			87D5	345-346.5	1.5		
346.5	361.5	Diabase dyke (same as 325-342)	100			2			87D5	346.5-352 352-357 357-361.5	5.5 5 4.5		
361.5	489	Siliceous quartz muscovite chlorite schist. Well layered, small augens especially common in quartz - poor ayeas; some blue eyes. Percentages variable; grades from almost a quartzite to a quartz muscovite schist. Chlorite most common where quartz poor.	100			2		Pyrite, fine disseminations, very minor. Epidote, very minor, occurs towards bottom of hole. Siderite, very minor.	87D5	361.5-367 367-372 372-377 377-382 382-387 387-392 392-397 397-400.5 400.5-404	5.5 5 5 5 5 5 5 3.5 3.5		

INTERVAL		ROCK DESCRIPTION	X REC	FROM	TO	ROD	GRAPHIC	MINERALIZATION SUMMARY	SAMPLE NUMBER	INTERVAL	WIDTH	TAG NUMBER	DEPTH (m)
FROM	TO												
(398	400.5)	50% Quartz 35% Muscovite 10% Chlorite 5% Others, mostly disseminated carbonate and sericite. Schistosity: 65°-80°  Finely crushed						87D5	404-409 409-414 414-419 419-424 424-429 429-434 434-439 439-444.5 444.5 - 449.5 449.5 - 454.5 454.5-460 460-465 465-469 469-473 473-478 478-483 483-489	5 5 5 5 5 5 5 5.5 5 5 5 5.5 5 4 4 5 5 6			

PROPERTY DAWSON  
ARBOR - LONE STAR

# DIAMOND DRILL RECORD

HOLE NO. 87D6 PAGE 1 OF 4

LATITUDE		139° 18'	DIPS-COLLAR		50°	AZMUTH		030°	STARTED				October 8, 1987			
LONGITUDE		63° 54'	at 405 ft. -		54°	CORE SIZE		HQ to 73 ft., nQ to end		COMPLETED				October 10, 1987 2:00 a.m.		
ELEVATION		1810 feet				CONTRACTOR		CARON DIAMOND DRILLING		LENGTH				407 feet		
SHEET NO.		115-0-14						Whitehorse, Yukon		LOGGED BY				PERRY GRUNENBERG		
TARGET		PART OF LITTLE ELIZABETH CREEK SECTION								DATE				October 24, 1987		
INTERVAL		ROCK DESCRIPTION				%	FROM	TO	ROD	GRAPHIC	MINERALIZATION SUMMARY	SAMPLE NUMBER	INTERVAL	WIDTH	TAG NUMBER	DEPTH (m)
FROM	TO					REC										
0	17	Casing through overburden														
17	59	Surface weathered quartz-muscovite ± chlorite schist, may have been quartzitic, chlorite likely post metamorphic. Gradational to unweathered rock below.				100	22	57	4 and 5		FeOx; little or no sulphide boxworks. low % MnOx.	87D6	17- 22 22- 27 27- 30 30- 33 33- 37 37- 40 40- 43 43- 47 47- 52 52- 56 56- 59	5 5 3 3 4 3 3 4 5 4 3		
59	64.5	<ul style="list-style-type: none"> <li>- finely laminated quartz-muscovite schist, very quartzitic</li> <li>- Schistosity to Core Axis = 75°</li> <li>- 50% fine crystalline quartz</li> <li>- 30% fine, light green muscovite</li> <li>- 20% others ?</li> <li>- crystalline quartz along fractures parallel to core axis</li> <li>- Schistosity parallels core axis towards next section, plastic appearance</li> </ul>				100	57	67	3		- little or no sulphides - small amount of FeOx along fractures	87D6	59- 62 62-64.5	3 2.5		
64.5	66	6 inch, apparently cross-cutting quartz vein							3			87D6	64.5- 66	1.5		

INTERVAL		ROCK DESCRIPTION	X REC	FROM	TO	ROD	GRAPHIC	MINERALIZATION SUMMARY	SAMPLE NUMBER	INTERVAL	WIDTH	TAG NUMBER	DEPTH (m)
FROM	TO												
		borded by coarse chlorite, massive, medium grained. Contact roughly 90° to Core Axis											
66	92	- finely laminated, weakly banded quartzitic quartz muscovite schist. - 1mm laminations, 1cm bands of quartz rich vs. muscovite rich zones. - Schistosity to C.A. = 80° - 3 - one inch quartz lamellae between 75 feet and 77 feet.	100	67	97	3		2% liminitic stained disseminated oxidized sulphide - Sphalerite. (only over some sections)	87D6	66- 69 69- 73 73- 77 77- 82 82- 87 87- 92	3 4 4 5 5 5		
92	100	- brown muscovite, quartz eye schist. - quartz eyes apparently stretched crystals or fragments from premetamorphism. - 20% Quartz eyes - 20% Quartz matrix - 40% Muscovite - 20% Others ? - finely laminated.	100	97	107	2		fairly intense FeOx along fractures parallel to core axis	87D6	92- 96 96-100	4 4		
100	106	finely laminated, light coloured (sericitic?) quartz, muscovite schist-quartzitic. - evenly textured, 65% quartz				2		no visible sulphides	87D6	100-106	6		
106	115	- light brown to light green, mildly banded poor shaped quartz eye, quartz muscovite schist 25% - augened quartz eyes 30% - quartz matrix 25% - muscovite - brown colour from weak oxidation, and possibly brown muscovite	100	107	117	2		weak FeOx in places - Little visible sulphides, small blebs of sulphide (sphalerite, pyrite) much less than 1%	87D6	106-110 110-115	4 5		
115	278	- quartz, muscovite quartzite fine laminations, mildly banded 60% Quartz 25% Muscovite - cleavage to core axis 70° to 50°	100	117	145.5	3		- little or no sulphide mineralization visible	87D6	115-118 118-122 122-123 123-127 127-132 132-135.5 135.5-141 141-145.5	3 4 1 4 5 3.5 5.5 4.5		

INTERVAL		ROCK DESCRIPTION	% REC	FROM	TO	ROD	GRAPHIC	MINERALIZATION SUMMARY	SAMPLE NUMBER	INTERVAL	WIDTH	TAG NUMBER	DEPTH (m)
FROM	TO												
(115)	(278)	- grades to quartz muscovite schist (less quartzitic over several short sections).	95	145.5	154	4			87D6	145.5-150	4.5		
(cont'd)		- many broken shatter, or shear zones within section, also, several small quartz veins or pods	100	154	168					150-154	4		
			95	168	176	4				154-159	5		
(122)	(123)	quartz vein or pod, vuggy, quartz crystals						- no visible sulphides		159-164	5		
at	(153)	6 inches of sheared schist	100	176	191.5	3		- Feoxide on both crosscutting and cleavage fractures.		164-168	4		
at	(150)	3 inch quartz pod								168-173	5		
at	(158)	6 inch sheared, rock trends to schist through section here.	100	191.5	200	5				173-176	3		
at	(176)	- 6 inch shear								176-179.5	3.5		
(179.5)	(180)	- 6 inch, crosscutting quartz	100	200	209	4		- several coarse pyrite cubes near quartz in schist,		179.5-180	0.5		
at	(181)	- 2 inch crosscutting quartz	80	209	215	3		- vuggy, FeOx lined		180-182	2		
(182)	(183)	- 2 quartz veins, crosscutting, separated by 3 or 4 inches schist, vuggy	100	215	234	4		- FeOx through broken core		182-183	1		
(190)	(200)	- rock very broken								183-186	3		
(200.5)	(209)	- rock very broken								186-191.5	5.5		
(219)	(219.5)	- 6 inch quartz vein or pod	100	234	277					191.5-197	5.5		
(222)	(224)	- rock very broken, towards sheared.								197-200	3		
(231)	(233)	- quartz vein, very broken core.								200-205	5		
at	(240)	- core very powdery adjacent to small quartz stringer								205-209	4		
at	(262)	- 3 inch, apparently foliaform, quartz pod.								209-215	6		
										215-220	5		
										220-224	4		
										224-229	5		
										229-231	2		
										231-233	2		
										233-238	5		
										238-243	5		
										243-247	4		
										247-251	4		
										251-254	3		
										254-257	3		
										257-262	5		
										262-267	5		
										267-272	5		
										272-278	6		
278	288.5	- core trends from a quartzitic to schist in texture. More sericite content. 40% Quartz 20% Muscovite 20% Sericite - quartz, muscovite, sericite schist.	100	277	287	3		little or no sulphide	87D6	278-283	5		
										283-288.5	5.5		



PROPERTY           DAWSON            
          ARBOR - LONESTAR          

# DIAMOND DRILL RECORD

HOLE NO. 87D7 PAGE 1 OF 4

LATITUDE	139° 18'	DIPS-COLLAR	- 50'	AZMUTH	020°	STARTED	October 10, 1987	11:00 a.m.
LONGITUDE	63° 53'	405 feet	- 52°	CORE SIZE	HQ to 114'; nQ to 405'	COMPLETED	October 12, 1987	10:00 a.m.
ELEVATION	1800 feet			CONTRACTOR	CARON DIAMOND DRILLING	LENGTH	405 feet	
SHEET NO.	115- 0-14					LOGGED BY	S. TOMLINSON	
TARGET	RUSTY ZONE ON EAST SIDE OF ELDORADO CREEK					DATE	October 28, 1987	

INTERVAL		ROCK DESCRIPTION	# REC	FROM	TO	ROD	GRAPHIC	MINERALIZATION SUMMARY	SAMPLE NUMBER	INTERVAL	WIDTH	TAG NUMBER	DEPTH (m)
FROM	TO												
0	42	Casing											
42	72	Quartz muscovite schist. Well layered, small augens Minor chlorite and sericite 50% Quartz 40% Muscovite 10% Others Schistosity: 45° to C.A.	100 70 50	42 48 62	48 62 72	4 4 5		FeOx'n, very minor, at top of section.	87D7	42- 48 48- 54 54- 62 62- 72	6 5 5 5		
72	130.5	Quartzitic quartz muscovite schist. Well layered. 70% Quartz 20% Muscovite 10% Others, mostly chlorite Schistosity: 75° to C.A.; variable	60 100	72 114	114 130.5	4 3		Pyrite, very fine grained, minor. Epidote, minor. FeOx'n, minor.	87D7	72- 82 82- 92 92-102 102-114 114-117 117-122 122-127 127-130.5	6 6 6 7.5 3 5 5 3.5		

INTERVAL		ROCK DESCRIPTION	% REC	FROM	TO	ROD	GRAPHIC	MINERALIZATION SUMMARY	SAMPLE NUMBER	INTERVAL	WIDTH	TAG NUMBER	DEPTH (m)
FROM	TO												
130.5	150	Quartzite. Faint remnant layers. Mostly quartz, up to 15% muscovite Schistosity: 70°, poorly developed	70	130.5	150	4		Pyrite, minor.	87D7	130.5-137 137-144 144-150	4.5 5 4.5		
150	218	Quartz muscovite chlorite schist. Well layered, occasional small blue quartz eyes. 40% Quartz 30% Muscovite 20% Chlorite 10% Others, mostly sericite Schistosity: 60° Minor calcite stringers	100 20 100 30	150 155 165 211	155 165 211 218	4 4 4 4		Pyrite, minor increasing to 1% at bottom of section	87D7	150-155 155-167.5 167.5 - 173.5 173.5-180 180-185 185-189 189-194.5 194.5-198 198-203 203-208 208-218	5 5 6 6.5 5 4 5.5 3.5 5 5 6		
218	219	Carbonaceous quartz muscovite schist. Brecciated. Mineralogy difficult to determine, but approximately 20% graphite. Chlorite may be present. Minor calcite. No schistosity.	100	218	219	4		No visible sulphides	87D7	218-219	1.5		

INTERVAL		ROCK DESCRIPTION	% REC	FROM	TO	RQD	GRAPHIC	MINERALIZATION SUMMARY	SAMPLE NUMBER	INTERVAL	WIDTH	TAG NUMBER	DEPTH (m)
FROM	TO												
219	242.5	Siliceous quartz chlorite muscovite schist. Well layered. 40% Quartz 30% Chlorite 20% Muscovite 10% Others Pervasively siliceous, almost quartzitic. Schistosity: 60°, poorly developed.	100	219	227	4		Pyrite, small disseminations or occasional stringers, minor. Epidote, minor.	87D7	219-220.5 220.5-221 221-227 227-231 231-235 235-239 239-242.5	1.5 1 6 4 4 4 3.5		
(220.5	221)	Quartz vein or augen, 1% pyrite.											
242.5	405	Chlorite quartz muscovite schist. Well layered 40% Quartz 40% Muscovite 10% Chlorite 10% Others, mostly sericite, some calcite Schistosity: 60° to C.A. Sericitic where highly fractured.	60 100 20 80 100 70 100 90	242.5 249 274 284 299 307 327 397	249 274 284 299 307 327 397 405	4 4 4 4 3 4 4 4		Pyrite, small disseminations, minor, but to 2 to 3% over several and 2 foot sections.	87D7	242.5-249 249-255 255-258 258-263 263-267 267-270 270-274 274-287 287-293 293-299 299-303 303-307 307-317 317-327	4 7.5 3 5 4 3 4 5 5 5 5 7 6		

INTERVAL		ROCK DESCRIPTION	X REC	FROM	TO	ROD	GRAPHIC	MINERALIZATION SUMMARY	SAMPLE NUMBER	INTERVAL	WIDTH	TAG NUMBER	DEPTH (m)
FROM	TO												
									87D7	327-332	5		
										332-337	5		
										337-342	5		
										342-347	5		
										347-352	5		
										352-357	5		
										357-362	5		
										362-367	5		
										367-372	5		
										372-377	5		
										377-380	3		
										380-385	5		
										385-390	5		
										390-394	4		
										394-397	3		
										397-401	4		
										401-405	4		

# DIAMOND DRILL RECORD

PROPERTY DAWSON  
ARBOR - LONE STAR

HOLE NO. 87D8 PAGE 1 OF 3

LATITUDE	139° 18'	DIPS-COLLAR	90°	AZIMUTH	Vertical	STARTED	October 12, 1987	6:00 p.m.
LONGITUDE	63° 54'			CORE SIZE	HQ to 170 ft, nQ to 296	COMPLETED	October 14, 1987	8:30 a.m.
ELEVATION	1900 feet			CONTRACTOR	CARON DIAMOND DRILLING	LENGTH	296 feet	
SHEET NO.	115-0-14					LOGGED BY	PERRY GRUNENBERG	
TARGET	RUSTY BEDDING NEAR D. JOHNSON'S CAMP					DATE	October 30, 1987	

INTERVAL		ROCK DESCRIPTION	% REC	FROM	TO	ROD	GRAPHIC	MINERALIZATION SUMMARY	SAMPLE NUMBER	INTERVAL	WIDTH	TAG NUMBER	DEPTH (m)
FROM	TO												
0	20	Casing - no core											
20	52	- light green, fairly equitextured, Sericitic, quartzitic, quartz muscovite schist. 50% Quartz 30% Muscovite 10% Sericite Cleavage to Core axis = 80°	100	27	47	3		Fe oxide splotches could be carbonate (altered from F-spar) Less than 1% fine disseminated pyrite - 4 inch Qtz at 43 ft.	87D8	20- 24 24- 27 27- 32 32- 37 37- 42 42- 47 47- 52	4 3 5 5 5 5 5		
52	59	orange-brown, carbonate rich breccia/vein. Schistosity visible through most of section, about 60° to core axis - appears to be carbonate rich alteration of schist near breccia/vein source 50% Carbonate (siderite) 10% Quartz 15% Muscovite	85	47	57	4		Fe oxide, Mn oxide 2 to 5% disseminated pyrite, with enrichment near carbonate source.	87D8	52- 55 55- 59	2 3		
59	134	quartz muscovite schist with multiple weathered, shear zones, shears reflected in low recoveries of core. 60% Quartz 30% Muscovite Schistosity to core axis = 60° to 70°	100 40	57 72	72 77	3 5		- Less than 1% fine and coarse pyrite disseminated.	87D8	59- 64 64- 72 72- 79 79- 82 82- 85 85- 90	4.5 4.5 3 4 3.5 5		

INTERVAL		ROCK DESCRIPTION	% REC	FROM	TO	ROD	GRAPHIC	MINERALIZATION SUMMARY	SAMPLE NUMBER	INTERVAL	WIDTH	TAG NUMBER	DEPTH (m)
FROM	TO												
59 (cont'd)	134	shear zone and quartz summary (72)-(79) - fine powder, muscovite, orange brown colour	100	77	85	4		FeOx along cleavage surfaces, and through-out some shears.	87D8	90-95	3.5		
	80-82	- ground schist, no alteration, fragments to 3cm diameter	80	85	95	3				95-97	1.5		
	at 88	- 2 inch quartz band				5				97-102	5		
	91-97	- increasing sheared from broken platy to flakes. 3 inch quartz piece at 95 feet.	60	95	99.5	5		- no increase in pyrite		102-106	3.5		
		- 95-97 brown coloured	100	99.5	102	3				106-110	4		
		- 2 inch quartz piece at 97 feet.	85	102	106	3				110-116	4		
	at 116	- orange coloured, ground schist, 6 inches	100	106	111	4				116-120	3		
	120-122	- orange coloured, broken (ground) schist	50	111	116	5		- MnOx through dark, weathered shear.		120-122	2		
	122-130	from soft slabs to powder.	65	116	122	4				122-127	2.5		
			40	122	127	4				127-130	3		
						5				130-134	5		
134	143	- Dark green chlorite schist - flakey, weak competency 30% Quartz 60% Chlorite - apparently sheared near 142, powdery.	100 75	127 138	138 142	3 4 to 5		- coarse cubes of pyrite throughout to 1%	87D8	134-138 138-143	5 5		
143	242	- poorly banded quartz-muscovite schist 65% Quartz 30% Muscovite - Schistosity to core axis = 65° - Multiple shears - - rock fragmented to land 2cm flakes - 1.5 foot quartz vein/pod. - 1.5 foot quartz vein or pod. - Several segments with carbonate splotches	100 65 30 35 100	142 170 177 182 192	170 177 182 192	3 to 4 4 2 4 3		- coarse pyrite cubes and fine disseminate throughout, to 1 or 2%.  - several coarse pyrite cubes in quartz. - magnetic related to carbonate splotches.	87D8	143-147 147-150.5 150.5-153 153-157 157-162 162-167 167-170 170-177 177-182 182-193.5 193.5-195	4 4.5 3 4 5 5 4 4.5 1.5 5 1.5		

INTERVAL		ROCK DESCRIPTION	X REC	FROM	TO	R00	GRAPHIC	MINERALIZATION SUMMARY	SAMPLE NUMBER	INTERVAL	WOTH	TAG NUMBER	DEPTH (m)
FROM	TO												
143 (continued)	242 212-242	at 203' - 3 to 4 inches of quartz lamellae, with pyrite enrichment along borders - mostly fine sludge recovered through section, open spaced shear, mud.	50 40 50 75	212 222 232 237	222 237 237 242	5 5 5		Pyrite enrichment (minor) on quartz lamellae.	87D8	195-199 199-203 203-207 207-212 212-222 222-232 232-242	4 4 4 5 5 4.5 6		
242	274	- clay sheared graphitic schist. - Black, fine powdery/pebbly, graphite rich schist. - remnant fractured quartz pebbles near 152 feet	90 25 10 100 80	242 252 257 262 267	252 257 262 267 272	5 5 5 5 4		fine pyrite to less than 1% throughout.	87D8	242-247 247-252 252-263 263-267 267-270 270-274	4.5 4.5 4 4 3 3		
274	296 274-275 278-279	- quartz muscovite schist, quartzitic to quartzite by end of hole - carbonate in matrix - quartz vein or pod - cleavage to core axis = 70 to 75° - blue-green coloured, powdery shear.	90 100 70 100	272 277 282 285	277 282 285 296	4 3 to 5 2 2 to 1		- 1 to 2% very finely disseminated pyrite - strongly magnetic in places (magnetic ± pyrrhotite) - grey carbonate blotches - goethite along fractures. - pyrite "smears" along some cleavages to 50% of surface.	87D8	274-275 275-279 279-282 282-287 287-291 291-294 294-296	1 2.5 3 4 4.5 3 2		

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# DIAMOND DRILL RECORD

HOLE NO. 87D9 PAGE 1 OF 7

LATITUDE	139° 17'	OWPS-COLLAR	-50°	AZIMUTH	020°	STARTED	October 14, 1987 12:00 a.m.
LONGITUDE	63° 53'	420 feet	-47°	CORE SIZE	HQ to 62'; nQ to 420'	COMPLETED	October 16, 1987 5:00 p.m.
ELEVATION	1800 feet			CONTRACTOR	CARON DIAMOND DRILLING	LENGTH	420 feet
SHEET NO.	115-0-14					LOGGED BY	S. TOMLINSON
TARGET	SOIL ANOMALLY (700 ppb Au)					DATE	November 1, 1987

INTERVAL		ROCK DESCRIPTION	% REC	FROM	TO	ROD	GRAPHIC	MINERALIZATION SUMMARY	SAMPLE NUMBER	INTERVAL	WIDTH	TAG NUMBER	DEPTH (m)
FROM	TO												
0	25	Casing											
25	126	Siliceous quartz muscovite schist Fine muscovite lamellae between small quartz augens; often near massive 65% Quartz 25% Muscovite 10% Sericite, chlorite, calcite Schistosity: 70° to C.l., poor. Quartz veins, crosscutting, up to 6", barren but wall rock may be enriched in pyrite.	100 100 90 80 100 65 100	25 30 57 62 72 116 123	30 57 62 72 116 123 126	4 3 3 3 3 3 3		FeOx'n, minor, top 5 feet of section. Pyrite, fine cubes and disseminations, up to 1%, increasing to 2-3% at bottom of section.	87D9	25- 27 27- 32 32- 37 37- 42 42- 47 47- 52 52- 57 57- 62 62- 68 68- 72 72- 77 77- 82 82- 86 86- 90 90- 95 95-100.5	2 5 5 5 5 5 5 4.5 5 3 5 5 4 4 5 5		

INTERVAL		ROCK DESCRIPTION	% REC	FROM	TO	ROD	GRAPHIC	MINERALIZATION SUMMARY	SAMPLE NUMBER	INTERVAL	WIDTH	TAG NUMBER	DEPTH (m)
FROM	TO												
									87D9	100.5 - 105.5 105.5 - 110.5 110.5 - 116 116-123 123-126	5 5 5.5 4.5 3		
126	127.5	Quartz graphite schist. Fine carbonaceous lamellae between small quartz augens 60% Quartz 30% Graphite 10% Muscovite, calcite Schistosity: 55° to C.A. Gradational contacts.	100	126	127.5	3		Pyrite, small cubes and disseminations and also larger fracture coatings, to 5%.	87D9	126-127.5	1.5		
127.5	133.5	Quartz muscovite schist. Well layered. 45% Quartz 40% Muscovite 15% Sericite, pyrite, calcite Schistosity: 70° to C.A., well developed.	90	127.5	133.5	3		Pyrite, small disseminations elongate parallel schistosity, to 5%.	87D9	127.5-130 130-133.5	3 3		
133.5	135	Graphitic quartz muscovite schist. 35% Quartz 30% Muscovite 15% Graphite	100	133.5	135	3		Pyrite, cubes and disseminations, to 5%.	87D9	133.5-135	1.5		

INTERVAL		ROCK DESCRIPTION	% REC	FROM	TO	RQL	GRAPHIC	MINERALIZATION SUMMARY	SAMPLE NUMBER	INTERVAL	WIDTH	TAG NUMBER	DEPTH (m)
FROM	TO												
		10% Sericite, calcite. Schistosity: 75° to C.A., well developed Gradational contacts.											
135	157.5	Quartz graphite schist. Fine carbonaceous lamellae between quartz bands and augens. 50% Quartz 40% Graphite 10% Calcite, sericite, muscovite Schistosity: 60° to C.A., well developed. Occasionally very graphitic. May be slightly brecciated or convoluted.	80 100 90 50	135 142 147 151	142 147 151 157.5	4 4 4 4		Pyrite, cubes and disseminations, to 5%	87D9	135-142 142-147 147-151 151-157.5	5.5 5 3.5 3		
157.5	167	Graphite.  Graphite lamellae with some quartz bands; often no structure. 75% Graphite 20% Quartz 5% Others Schistosity: not preserved or highly contorted.	50 80	157.5 163.5	163.5 167	5 5		Pyrite, cubes, to 5%	87D9	157.5 - 163.5 163.5-167	3 3		
167	179	Quartz graphite schist.  (same unit as from 135-157.5)	100	167	179	4		Pyrite, cubes and disseminations, to 5%	87D9	167-170 170-175 175-179	3 5 4		

INTERVAL		ROCK DESCRIPTION	X REC	FROM	TO	RQD	GRAPHIC	MINERALIZATION SUMMARY	SAMPLE NUMBER	INTERVAL	WIDTH	TAG NUMBER	DEPTH (m)
FROM	TO												
179	226.5	Siliceous quartz muscovite schist. Fine muscovite lamellae between quartz layers and small augens (bluish); often near massive (trending towards quartzite) 65% Quartz 25% Muscovite 10% Sericite, chlorite, calcite Schistosity: 70° to C.A. Graphite, at very top of section, up to 5%. Occasional epidote stringers.	100	179	226.5	2		Pyrite, disseminations and short stringers, to 1-3%; up to 5% at very top of section with graphite. Some magnetite (slightly magnetic)	87D9	179-182.5 182.5-187 187-191 191-195 195-200 200-205 205-210 210-215 215-220 220-226.5	3.5 4.5 4 4 5 5 5 5 5 6.5		
226.5	228	Quartz graphite schist. Fine carbonaceous lamellae between quartz layers and augens. 60% Quartz 30% Graphite 10% Muscovite, calcite Schistosity: 60° to C.A.	100	226.5	228	3		Pyrite, disseminations, to 1%.	87D9	226.5-228	1.5		
228	294	Siliceous quartz muscovite schist.  (same unit as from 179-226.5)  1/2 c very bottom of section, small	80 100	228 236	236 294	2 2		Pyrite, fine disseminations, 1-3% Magnetite, minor.	87D9	228-236 236-241 241-246 246-251 251-256 256-261	6.5 5 5 5 5 5		

INTERVAL		ROCK DESCRIPTION	X REC	FROM	TO	RQD	GRAPHIC	MINERALIZATION SUMMARY	SAMPLE NUMBER	INTERVAL	WIDTH	TAG NUMBER	DEPTH (m)
FROM	TO												
		brown garnets (?).							87D9	261-266 266-270.5 270.5-275 275-280 280-285 285-290 290-294	5 5 5 5 5 5 4		
294	297.5	Chloritic siliceous quartz muscovite schist.  Platy needles of chlorite parallel muscovite and quartz lamellae; also small quartz augens (bluish); massive appearance. 50% Quartz 30% Muscovite 10% Chlorite 10% Others (calcite, sericite) Schistosity: 60° to C.A.	100	294	297.5	2		Pyrite, fine disseminations, 1%.	87D9	294-297.5	3.5		
297.5	339	Siliceous quartz muscovite schist.  (same unit as from 228-294) Graphite lamellae at bottom of section.	100	297.5	339	2		Pyrite, fine disseminations, to 1%. Minor magnetite	87D9	297.5-302 302-307 307-313 313-318 318-321.5 321.5-325	4.5 5 6 5 3.5 3.5		

INTERVAL		ROCK DESCRIPTION	X REC	FROM	TO	ROD	GRAPHIC	MINERALIZATION SUMMARY	SAMPLE NUMBER	INTERVAL	WIDTH	TAG NUMBER	DEPTH (m)
FROM	TO												
									87D9	325-330 330-334 334-339	5 4 5		
339	346.5	Quartz graphite schist. Fine carbonaceous lamellae between quartz layers and small augens. 55% Quartz 30% Graphite 15% Muscovite, calcite Schistosity: 80° to C.A., poor. Gradational contacts.	100	339	346.5	2		Pyrite, fine disseminations, to 1%	87D9	339-343 343-346.5	4 3.5		
346.5	359.5	Siliceous quartz muscovite schist.  (same unit as from 297.5-339)  Occasional graphite lamellae.	100	346.5	359.5	2		Pyrite, fine disseminations, to 1% Magnetite, minor.	87D9	246.5-351 351-355 355-359.5	4.5 4 4.5		
359.5	364	Quartzite Massive, uniform, occasional muscovite or graphite layers, minor chlorite spots. Schistosity: none or very poor. Gradational contacts.	100	359.5	364	2		Pyrite, to 1%	87D9	359.5-364	4.5		

INTERVAL		ROCK DESCRIPTION	Σ REC	FROM	TO	RQD	GRAPHIC	MINERALIZATION SUMMARY	SAMPLE NUMBER	INTERVAL	WIDTH	TAG NUMBER	DEPTH (m)
FROM	TO												
364	420	Siliceous quartz muscovite schist.  (same unit as from 346.5 - 359.5)  Occasional graphite lamellae. Minor chlorite blebs. Siliceousness decreases towards bottom of section. Calcite veinlets, with siderite, minor.	100	364	387	3		Pyrite, to 1%	87D9	364-367.5	3.5		
			70	387	394.5	3				367.5 -			
										371.5 -	4		
			100	394.5	399	4				371.5 -			
										375.5 -	4		
			75	399	407	4				375.5 -			
										379.5 -	4		
										379.5-383	3.5		
			100	407	409	4				383-387	4		
			100	409	420	3				387-394.5	5.5		
										384.5-399	5		
										399-407	6		
					407-411	4							
					411-415	4							
					415-420	5							



INTERVAL		ROCK DESCRIPTION	% REC	FROM	TO	ROD	GRAPHIC	MINERALIZATION SUMMARY	SAMPLE NUMBER	INTERVAL	WIDTH	TAG NUMBER	DEPTH (m)
FROM	TO												
	83-106	ground to a fine powder	90	116	119	4		- little or no sulphides visible throughout.	87D10	131-136	5		
		Some of this material may be mud from drilling after pulling rods back.	90	119	124	4				136-140	4		
			90	124	131	3				140-146	5		
	at 82	- small (one inch) quartz, parallel to schistosity.	100	131	136	5				146-146.5	0.5		
			90	136	140	4				146.5-149	3		
	at 116	- 6 inches of pulverized schist	100	140	149	4				149-152	2.5		
	at 119	- 6 inches of pulverized schist	90	149	152	4				152-162	5		
	131-136	- intensely broken schist, not much fine ground to powder	45	152	162	5				162-167	4.5		
			85	162	167	4				167-172	4		
	164-182	- intensely broken schist, little fine powder	60	167	182	5				172-177	4		
	124.5-126	- small, to 4 inch, quartz vein or pod broken, vuggy with geotite lining small % calcite, alligned subparallel to core axis.						- no sulphides visible in quartz, some geotite in vuggy quartz.		177-182	4		
	146-146.5	- small (6 inch) quartz enriched zone (vein or pod), very broken, size or nature unrecognizable.											
	at 162	- small (2 inch) very broken section of quartz.											
182	401	- quartz muscovite schist	85	182	192	3		- coarse cubes of pyrite more apparent towards bottom of section, to 1% locally.	87D10	182-187.5	5		
		- light grey to medium grey-green.	95	192	202	3				187-192	5		
		- different from above unit gradational, with increase in matrix and lamellae quartz, increased competency, and colour.	100	202	212	3				192-197	5		
			100	212	240	3				197-202	5		
			100	240	253	4				202-207	5		
		60% Quartz	50	253	257	4		- minor pyrite enrichment local to larger quartz pods or lamellae		207-211	4		
		35% Muscovite	100	257	259	4				211-212	1		
		5% Others, including carbonate	75	259	262	4				212-217	5		
		Schistosity to Core Axis = ranges from 35° to 70°, average = 50°	45	262	264.5	4				217-221	4		
		- wavy folding through upper part								221-224	3		
										224-228	3		



INTERVAL		ROCK DESCRIPTION	X REC	FROM	TO	RQD	GRAPHIC	MINERALIZATION SUMMARY	SAMPLE NUMBER	INTERVAL	WIDTH	TAG NUMBER	DEPTH (m)
FROM	TO												
									87D10	369.5-374	4.5		
										374-380	4.5		
										380-385	5		
										385-388	3		
										388-390.5	2.5		
										390.5-393	2.5		
										393-396	3		
										396-399	3		
										399-401	2		

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# DIAMOND DRILL RECORD

HOLE NO. 87D11 PAGE 1 OF 4

LATITUDE		139° 15'	DIPS-COLLAR		-50°	AZMUTH		225°	STARTED		October 21, 1987	7:00 a.m.							
LONGITUDE		63° 53'	395 feet		-54°	CORE SIZE		HQ to 112 ft; nQ to 395 ft	COMPLETED		October 23, 1987	4:00 p.m.							
ELEVATION		2526 feet				CONTRACTOR		CARON DIAMOND DRILLING	LENGTH		395 feet								
SHEET NO.		115-0-14							LOGGED BY		S. TOMLINSON								
TARGET		Au BEARING QUARTZ VEINS IN 87TRO8									DATE		November 5, 1987						
INTERVAL		ROCK DESCRIPTION						S REC		MINERALIZATION SUMMARY		SAMPLE NUMBER	INTERVAL	WIDTH	TAG NUMBER	DEPTH (m)			
FROM	TO																		
0	22	Casing																	
22	395	Chloritic quartz muscovite schist. Well layered; occasional quartz augens and pods. 50% Quartz 35% Muscovite 10% Chlorite 5% Others (mostly calcite) Note: mineralogy may vary slightly through section; percentages difficult to discern due to oxidation. Schistosity: 30° to C.A. at 58 ft 65° to C.A. at 161 ft 15° to C.A. at 390 ft						100	22	37	3			Mn Ox'n, throughout along fractures, minor.	87D11	22- 28	6		
			30	37	40	3							28- 32	4					
			70	40	42	3							32- 37	5					
			100	42	47	4							37- 42	3					
			40	47	57	4							42- 47	5					
			80	57	67	4							47- 59	6					
			100	67	122	3							59- 60	1					
			50	122	124	3							60- 67	6					
			100	124	129.5	3							67- 72	5					
			70	129.5	133	3							72- 77	5.5					
			100	133	149	3							77- 80	3					
			70	149	152	3							80- 84	4					
			100	152	164	3							84- 85	1.					
			80	164	170.5	4							85- 88	3					
			50	170.5	172.5	4							88- 92	4					
			100	172.5	189	3							92- 97	5					

INTERVAL		ROCK DESCRIPTION	Σ REC	FROM	TO	ROD	GRAPHIC	MINERALIZATION SUMMARY	SAMPLE NUMBER	INTERVAL	WIDTH	TAG NUMBER	DEPTH (m)
FROM	TO												
		averages to ~ 20° to C.A.;	50	189	192	3			87D11	97-102	5		
		well developed.	100	192	277	2				102-107	5		
		Quartz layers and pods may be								107-112	5		
		concentrated to 20% locally.								112-117	5		
(59	60)	Quartz vein, 1 ft, slightly vuggy,	80	277	282	2				117-122	5		
		crosscutting at 70° to C.A.	100	282	378	2				122-127	5		
(84	85)	Quartz vein or pod, 7cm wide, minor	90	378	385	2				127-131	4.5		
		manganese staining, foliaform at	100	385	395	2				131-135.5	4.5		
		10° to C.A.								135.5 -			
										141.5	6		
(187	190.5)	Quartz vein, 3 ft, slightly vuggy,								141.5 -			
		minor Fe Ox'n, crosscutting at								146.5	5.5		
		65° to C.A.								146.5-152	5		
(223.5	224)	Quartz vein, 10cm, with minor								152-157	5		
		calcite, crosscutting at 40° to C.A.								157-162	5		
(227.5	230)	Quartz vein or pod, intermittent								162-168	6		
		over 2.5 ft, 5% calcite, slightly								168-172.5	4.5		
		rusty, upper contact at 30° to C.A.								172.5-176	4.5		
(288.5	289)	Quartz vein or pod, 15cm, irregularly								176-181	6		
		foliaform at 45° to C.A.								181-187	7.5		
(300	301)	Quartz vein, 20cm, slightly								187-190.5	3.5		
		vuggy with druse, crosscutting								190.5 -			
		at 75° to C.A.								195.5	6		
										195.5 -			
										204.5	5.5		
(304	305.5)	Quartz vein, 1.5 ft of broken								204.5 -			
		core slightly rusty, crosscutting								209.5	5.5		
		at 55° to C.A.								209.5 -			
										214.5	5.5		
										214.5 -			
										219.5	5.5		
(316	316.5)	Quartz carbonate vein, 15cm,								219.5 -			
		15% carbonate, slightly rusty,								223.5	4		
										223.5-224	0.5		

INTERVAL		ROCK DESCRIPTION	X REC	FROM	TO	ROD	GRAPHIC	MINERALIZATION SUMMARY	SAMPLE NUMBER	INTERVAL	WIDTH	TAG NUMBER	DEPTH (m)
FROM	TO												
(336.5	337.5)	irregular contacts  Quartz vein or pod, possibly 2 parallel 5cm ones, carbonate 5%, pyrite 2% as cubes and disseminations, foliaform at 20° to C.A.							87D11	224-227.5 227.5-230 230-233 233-237 237-242 242-247 247-252 252-257 257-262 262-267 267-272 272-277 277-282 282-285 285-288.5 288.5-289 289-293 293-297 297-300 300-301 301-304 304-305.5 305.5 - 308.5 308.5-312 312-316 316-316.5 316.5-321	3.5 2.5 3 4.5 5.5 5.5 5 5.5 5.5 5.5 5.5 4.5 3 3.5 0.5 4 4 3 1 4 1.5 - 3.5 4 4 0.5 4.5		

INTERVAL		ROCK DESCRIPTION	% REC	FROM	TO	ROD	GRAPHIC	MINERALIZATION SUMMARY	SAMPLE NUMBER	INTERVAL	WIDTH	TAG NUMBER	DEPTH (m)
FROM	TO												
									87D11	321-325.5	5		
										325.5 -			
										330.5	5.5		
										330.5 -			
										336.5	6		
										336.5			
										337.5	1		
										337.5-341	4		
										341-345	4.5		
										345-348.5	4.5		
										348.5-352	4		
										352-357	5		
										357-361	5		
										361-365	4.5		
										365-368	3.5		
										368-372	4.5		
										372-378	5		
										378-381.5	3		
										381.5-385	3.5		
										385-390	5.5		
										390-395	5.5		

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# DIAMOND DRILL RECORD

HOLE NO. 87D12 PAGE 1 OF 2

LATITUDE	139° 16'	DIPS-COLLAR	Vertical	AZIMUTH	Vertical	STARTED	October 24, 1987 2:00 a.m.
LONGITUDE	63° 53'		at 406 ft. = 52°	CORE SIZE	Rotary (no core) to 300'; nQ to 499'	COMPLETED	October 26, 1987 10:30 a.m.
ELEVATION	2400 feet	Note:	Deflections appear	CONTRACTOR	CARON DIAMOND DRILLING	LENGTH	199 feet core, 499 feet depth
SHEET NO.	115-0-14		to occur near 150 and			LOGGED BY	P. GRUNENBERG
TARGET	87R21 Au. zone.		250 feet of Rotary Section			DATE	November 7, 1987

INTERVAL		ROCK DESCRIPTION	% REC	FROM	TO	ROD	GRAPHIC	MINERALIZATION SUMMARY	SAMPLE NUMBER	INTERVAL	MOTH	TAG NUMBER	DEPTH (m)
FROM	TO												
0	300	Rotary drilled casing	0	0	300	-							
300	401	Mottled textured, mildly chloritic quartz muscovite schist. 50% Quartz, mottled lamellae and matrix 35% Muscovite, medium green to light grey-green to 5% Chlorite, fine specular disseminate in muscovite zones, and pockets in Qtz. - lack of schistosity due to mottled texture, but slightly more visible near 352 feet. Schistosity to Core Axis = 75°	35 100 0 100 80 65 100 50 100	300 304 308 314 314 352 352 363 371 371 391 396 396 406	3 2 (sand) 2 2 (part sand) 2 3 2		Less than 1% pyrite throughout as coarse cubes and blebs	87D12	300-308 308-314 314-319 319-322 322-325 325-326.5 326.5-330 330-333.5 333.5-334 334-337 337-341 341-343 343-347 347-352 352-356 356-360 360-362.5 362.5-367 367-371	5.5 1.5 5 4 2.5 1.5 3.5 3.5 0.5 3 4.5 2 3.5 5 4 4 2.5 2.5 2.5			
	308-314	- sand and mud redrilled after coring problem											
	at 322.5	- small (2 inch) quartz pod, mottled lamellae											
	322-327	- core more broken through here, with minor clay on fractures											
	325-326.5	- 1.5 foot quartz, apparently foliaform clay along lower contact.											
								- Fe oxidation and clay along fractured zone - Minor pyrite enrichment near quartz					

INTERVAL		ROCK DESCRIPTION	% REC	FROM	TO	RQB	GRAPHIC	MINERALIZATION SUMMARY	SAMPLE NUMBER	INTERVAL	WIDTH	TAG NUMBER	DEPTH (m)
FROM	TO												
300	401	(continued)							87D12	371-375	4		
	333.5-334	- quartz, foliated pod, rhodochrosite and chlorite blebs within.						- minor Fe oxidation along quartz pod contact.		375-376	1		
	341-343	- core more fractured through here								376-381	4.5		
	360-362.5	- sand and clayey material likely redrilled (bit change, etc.)						- Fe oxidation and clay along fracture zone.		381-384	3		
	375-376	- 2 - quartz lamellae separated by 2 inches of schist.								384-388	4		
	at 377	- 3 inch foliaform quartz lamellae								388-391	3		
										391-396	3		
										396-399	3		
										399-401	2		
401	499	- quartzitic, quartz-muscovite schist. Fairly equitextured, finely laminated 40% Quartz 40% Muscovite - Others include minor carbonate, and possible chlorite?	100 100 100	406 457 471	457 471 499	2 3 2		Less than 1% pyrite throughout as coarse cubes and blebs.	87D12	401-403	2		
	401-403	- cleavage/schistosity to Core Axis = 80° - very hard, fine grained siliceous segment, assumed chill margin between 2 metavolcanic packages. Near 403 feet, small band of tuff, or slightly recrystallized porphyry visible (unmetamorphed)								403-406	3		
	at 422	- Slightly larger quartz lamellae (Pod) (3 inch)								406-411	5		
	453-435.5	- 6 inch foliated quartz (pod), 5% carbonate content								411-414	3		
	457-460	- section of broken (fractured) core								414-417	3		
										417-422	5		
										422-427	5		
										427-432	5		
										432-437	5		
										437-442	5		
										442-447	5		
										447-450	3		
										450-453	3		
										453-453.5	0.5		
										453.5-457	3.5		
										457-460	3		
										460-463	3		
										463-467	4		
										467-471	4		
										471-476	5		
										476-481	5		
										481-486	5		
										486-491	5		
										491-495	4		
										495-499	4		

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# DIAMOND DRILL RECORD

HOLE NO. 87D13 PAGE 1 OF 5

LATITUDE 139° 18'		DIPS-COLLAR 50°		AZIMUTH 030				STARTED October 27, 1987 1:00 p.m.					
LONGITUDE 63° 54'		at 667 feet = 52°		CORE SIZE HQ to 121.5, nQ to 667 feet				COMPLETED October 30, 1987 7:00 p.m.					
ELEVATION 1725 feet		CONTRACTOR CARON DIAMOND DRILLING				LENGTH 667 feet							
SHEET NO. 115-0-14		Whitehorse, Yukon				LOGGED BY P. GRUNENBERG							
TARGET SAME LOCATION AS 86FG3, GEOLOGY TARGET AND SOIL GEOCHEM						DATE November 8, 1987							
INTERVAL		ROCK DESCRIPTION	% REC	FROM	TO	RQD	GRAPHIC	MINERALIZATION SUMMARY	SAMPLE NUMBER	INTERVAL	WIDTH	TAG NUMBER	DEPTH (m)
FROM	TO												
0	27	Casing - no core	0	0	27								
27	106	Oxidized (weathered) brown to grey brown quartz muscovite schist. 60% Quartz, lamellae and matrix 30% Muscovite - carbonate along fracture surfaces. 101-102 - fine, silty, brown, sheared interval, muscovite rich at 106 - 6 inches brown, muscovite rich shear.	95 30 50 70 60 70 65 75	32 42 52 62 67 82 97 106	42 52 62 67 82 97 100 106	3 3 3 3 3 3 3 4		Fe oxidation, and boxworks pyrite to less than 1%, with some enrichment near quartz bands.	87D13	27- 32 32- 37 37- 42 42- 52 62- 67 67- 72 72- 77 77- 82 82- 87 87- 92 92- 97 97-101 101-102 102-106	5 5 5 4 3.5 3 3 3 3.5 3.5 3.5 4 1 4		
106	198	quartz muscovite schist, much like above, unweathered. 65% Quartz, fine lamellae and matrix 30% Muscovite, medium grained, light grey to grey green Schistosity to Core Axis = 80° - few quartz lamellae greater than 1cm in width (5%) at 111 - 4 inches of clayey, broken core	95 95 100 95 100 50 60 80	106 111 116.5 121.5 127 147 152 157	111 116.5 121.5 127 147 152 157 162	3 4 4 3 3 3 3 2		less than 1% pyrite throughout, mostly as coarse anhedral blebs. Some enrichment aligned parallel to foliation.	87D13	106-111 111-116.5 116.5 - 121.5 121.5-127 127-132 132-134 134-138 138-143 143-147	5 5 5 5 5 2 4 4 4		

INTERVAL		ROCK DESCRIPTION	% REC	FROM	TO	RQD	GRAPHIC	MINERALIZATION SUMMARY	SAMPLE NUMBER	INTERVAL	WIDTH	TAG NUMBER	DEPTH (m)
FROM	TO												
106	198 at 119 at 120 132-134 at 152	(continued)	100	162	167	2		- patches of grey material in quartz vein contain 20% fine grained, euhedral, pyrite disseminate.	87D13	147-152	2.5		
		- 6 inch muscovite rich, slightly clayey shear zones.	90	167	187	2				152-157	2.5		
		- quartz vein or pod, fractured, contains pocket of grey country rock	100	187	207	2				157-162	4		
		- 2 inch quartz lamellae								162-165	3.5		
										165-168	3.5		
										168-173	5		
										173-178	4		
										178-182	4		
										182-187	4		
										187-190	3		
										190-194	4		
										194-198	4		
198	209	textural change from above, gradational - quartzitic quartz muscovite schist. 70% Quartz 20% Light green muscovite 10% Other, including grey carbonate blotches to 5% - very mildly laminated, equigranular, no quartz lamellae. - Schistosity/cleavage to core axis = 85°	90	207	237	2		- pyrite, fine grained and coarser disseminate with some alignment along cleavage planes, to less than 1%	87D13	198-201 201-205 205-209	3 4 4		
209	218	- quartz-muscovite biotite schist - brown to grey brown colour - 50% Quartz 30% Muscovite 10% Fine grained, brown to black biotite						less than 1% pyrite as coarse blebs.	87D13	209-212 212-215 215-218	3 3 3		
218	408	- quartz muscovite schist - approaches quartzite in texture over some short sections. - 50% quartz (35% lamellae) Schistosity to Core Axis = 65° to 80°	20 80 100 100	237 242 247 252	242 247 252 262	4 5 4 2		less than 1% pyrite throughout as coarse blebs.	87D13	218-222 222-227 227-232 232-237 237-247 247-252 252-257 257-262.5	4 4 4.5 4.5 5 5 5 5.5		

INTERVAL		ROCK DESCRIPTION	% REC	FROM	TO	ROD	GRAPHIC	MINERALIZATION SUMMARY	SAMPLE NUMBER	INTERVAL	WIDTH	TAG NUMBER	DEPTH (m)
FROM	TO												
218	408	(continued)	90	262	267	2			87D13	262.5 -			
	234-252	- core very broken, fractured, through section.	100	267	272	3		- carbonate along fracture surfaces.		263.5	1		
	262.5-263.5	- 1 foot quartz pod, congregation of several lamellae, chlorite within and along margins.	60	272	277	3				263.5-268	3		
			100	277	282	3		- fine pyrite disseminate in quartz to 2%, coarse pyrite blebs in chloritic pockets to 5%		268-272	4		
			100	282	292	2				272-277	5		
			100	282	292	2				277-282	5		
			95	292	297.5	2				282-287	5		
	322-323	- section of core with 5% carbonate blotches.	100	297.5	326	2				287-292	5		
			85	326	336	2				292-297	5		
	at 315	- 6 inch quartz pod	100	336	346	2				297-302	5		
	346-358	- core moderately broken or fractured through section, muscovite rich in places	100	346	350	3				302-307	5		
			70	350	357	4				307-312	5		
			90	357	367	3				312-317	5		
			100	367	407	3				317-322	5		
										322-326	5		
										326-331	4		
										331-336	4.5		
										336-341	5		
										341-346	5		
										346-350	4		
										350-357	5		
										357-362	4.5		
										362-367	4.5		
										367-372	5		
										372-377	5		
										377-382	5		
										382-387	5		
										387-392	5		
										392-397	5		
										397-402.5	5.5		
										402.5-408	5.5		
408	441	quartzitic, quartz muscovite schist. - very few quartz lamellae. - moderately equigranular textured.  - cleavage to core axis = 80°	90	407	417	2		less than 1% pyrite throughout.	87D13	408-412	4		
			100	417	447	2				412-417	4		
										417-422	5		
										422-427	5		
										427-432	5.5		
										432-437	5.5		
										437-441	4		

INTERVAL		ROCK DESCRIPTION	% REC	FROM	TO	ROD	GRAPHIC	MINERALIZATION SUMMARY	SAMPLE NUMBER	INTERVAL	WIDTH	TAG NUMBER	DEPTH (m)
FROM	TO												
441	667	- quartz muscovite schist. 60% Quartz (30% lamellae) 30% Muscovite	95	447	457	3		less than 1% pyrite as coarse blebs throughout.	87D13	441-444	3		
			100	457	667	2				444-448	4		
										448-452	4		
		- cleavage/schistosity = 80° to core axis								452-452.5	0.5		
	452-452.5	- narrow (2 inch) crosscutting quartz vein parallels core axis through section						- no sulphide enrichment with quartz		452.5-457	4.5		
										457-462	5		
	445-448	- core may contain 2 or 3% chlorite								462-467	5		
										467-472	5		
										472-477	5		
										482-487	5		
										487-492	5		
										492-497	5		
										497-502	5		
										502-507	5		
										507-512	5		
										512-517	5		
										517-522	5		
										522-527	5		
										527-532	5		
										532-537	5		
										537-542	5		
										542-547	5		
										547-552	5		
										552-557	5		
										557-562	5		
										562-567	5		
										567-572	5		
										572-577	5		
										577-582	5		
										582-587	5		
										587-592	5		
										592-597	5		
										597-602	5		
										602-607	5		
										607-612	5		
										612-617	5		
										617-622	5		
										622-627	5		
										627-632	5		
										632-637	5		
										637-642	5		
										642-647	5		
										647-652	5		

INTERVAL		ROCK DESCRIPTION	% REC	FROM	TO	ROD	GRAPHIC	MINERALIZATION SUMMARY	SAMPLE NUMBER	INTERVAL	WIDTH	TAG NUMBER	DEPTH (m)
FROM	TO												
									87D13	652-657 657-662 662-667	5 5 5		

**APPENDIX II - TRENCH GEOLOGICAL LOGS**

BULLDOZER TRENCH GEOLOGY

TRENCH: 87TR01  
 LOCATION: near Rotary hole R16 (Oro Grande Gulch) MAPPER: PG  
 0 metres=NE end of trench;trench trends 030°

METRES	GEOLOGY	SAMPLE #	interval(m)
0 - 4	Slightly chloritic quartz muscovite schist, crumbly weathering, MnOx stained Schistosity poor=055/525	87TR-01 -01	0 - 4
4 - 7	Very chunky breaking, black and dark green, cavity rich zone in chlorite quartz muscovite schist, goethite, poor schistosity.	-02	4 - 7
7 - 9	Brown quartz muscovite schist quartz lamellae, schistosity=080/50S -at 9m, 20cm. quartz pod. quartz pod=083/63S	-03  -04	7 - 9  at 9
9 - 20	Brown weathering, coarse muscovite, muscovite quartz schist, few lamellae Schistosity=070/55S Gradational contact to next unit.	-05 -06 -07	9 - 13 13 - 17 17 - 20
20 - 23	Crumbly chloritic quartz muscovite schist. Chlorite abundant adjacent to quartz lamellae. Minor folding in muscovite lamellae. py boxworks to local 5% in chlorite.	-08	20 - 23
At 23	15cm crosscutting but lenticular quartz vein or pod - oriented 131/88S	-09	23 -23.15
23 - 31	Quartz muscovite, chlorite schist, chlorite adjacent to quartz lamellae Schistosity=070/52S	-10 -11 -12	23 - 27 27 - 30 30 - 33
31 - 35	30cm shear in section-020/60°E Hanging wall same as 23-31, up to 33m	-13	33 - 33.3

TRENCH: 87TR01  
 LOCATION: near Rotary hole R1G (Oro Grande Gulch) MAPPER: PG  
 0 metres=NE end of trench  
 trench trends 030°

METRES	GEOLOGY	SAMPLE #	interval(m)
33 - 41	Slabby quartz muscovite schist, brown weathering, Schistosity 093/55S	-14 -15	33 - 37 37 - 41
41 - 55	Quartz lamellae rich, well cleaved, foliated quartz muscovite schist tan weathering, sulfide to less than 1%. Schistosity 093/50S Blue quartz eyes and ? sphalerite 41-42	-16 -17 -18 -19 -20	41 - 42 42 - 46 46 - 49 49 - 52 52 - 55
55 - 66	Tan weathering, muscovite quartz Quartz at 60m-20cm wide, but nature of alignment unclear	-21 -22 -23 -24 -25	55 - 58 58 - 60.2 60 - 60.2 60 - 63 63 - 66
66 - 72	Brecciated, crumbly, recent shear? Intense shearing to powder at 72m Contact 150/89NE, fragments of quartz to 10cm diameter Magnetic dyke, basic, no orientation, float?	-26 -27 -28	66 - 69 69 - 72 72 - 72.2
72 - 80	Blocky, tan weathering, banded green muscovite, quartz schist. X-cutting rusty stringers, disseminated blebs and fine grained to less than 1%	-29 -30	72.2 - 76 76 - 80
80 - 105	Platey quartz muscovite schist, coarse pyrite to less than 1% throughout, but to 5% over 20cm segment, FeOx along fractures, pyrite enrichment related to quartz/chlorite enriched areas. Local MnOx on cleaved surfaces Schistosity 054/42S	-31 -32 -33 -34 -35 -36 -37	80 - 84 84 - 88 88 - 92 92 - 96 96 - 99 99 - 102 102 - 105
105 - 112	Quartzitic quartz muscovite schist. Many 10cm bands of blocky, tan colored equigranular qms. Small quartz vein at 112 m (con't)	-38 -39	105 - 109 109 - 112

TRENCH: 87TR01  
 LOCATION: near Rotary hole R1G (Oro Grande Gulch) MAPPER: PG  
 0 metres=NE end of trench  
 trench trends 030°

METRES	GEOLOGY	SAMPLE #	interval(m)
105 - 112 (con't)	Slickensides on quartz rich surfaces. Schistosity 065/36S Fractures 00%/80E		
112 - 116	Tan weathering, platey quartz muscovite schist, much less than 1% pyrite Schistosity 071/36S	-40	112 - 116
116 - 121	More resistive (hard), light buff colored, sericitic quartz muscovite schist, quartzitic, diss. pyrite along foliations to 5% FeOx cleaver surfaces 060/62S	-41 -42	116 - 119 119 - 121
121 - 140	Buff, slabby, quartz muscovite schist Schistosity 082/29S and 082/43S Coarse muscovite, coarse diss. py less than 1%	-43 -44 -45 -46 -47	121 - 125 125 - 129 129 - 133 133 - 137 137 - 140
140 - 148	No trench, near Rotary hole #16	no sample	140 - 148
148 - 155	Very slabby, coarse muscovite schist, brown to grey, several 10cm quartz lamellae, Schistosity 100/55S	-48 -49	148 - 152 152 - 155
155 - 165	Muscovite rich, muscovite quartz schist.	-50 -51 -52	155 - 159 159 - 162 162 - 165
165 - 170	Quartzitic lamellae of 10cm thickness in quartz muscovite schist. Limonitic along cleaves and fracture	-53 -54	165 - 168 168 - 170
170 - 180	Muscovitic quartz muscovite schist low % quartz lamellae, slabby	-55 -56 -57	170 - 174 174 - 178 178 - 180

BULLDOZER TRENCH GEOLOGY

TRENCH: 87TR02  
 LOCATION: 50m West of 87TR01  
 0 m at NE end of trench  
 trench trends 066°

MAPPER: S.S.T.

METRES	GEOLOGY	SAMPLE #	interval(m)
0 - 42	Muscovite quartz schist, minor chlorite, finely layered Schistosity 070/45S Quartz carbonate pod at 3m 5cm quartz vein at 25m; 130/35N 15cm quartz, vuggy, FeOx; 100/50S at 40m	-1 -2 -3 -4 -5 -6 -7 -8 -9 -10 -11 -12 -13	0 - 3 at 3 3 - 7 7 - 11 11 - 15 15 - 19 19 - 23 23 - 25 at 25 25 - 29 29 - 33 33 - 37 37 - 42
42 - 47.5	Chlorite quartz muscovite schist with quartz eyes, slightly blocky Schistosity 065/29S 40cm quartz vein at 47.5; boxworks, FeOx (minor), roughly 122/30S	-14 -15 -16 -17	at 42 42 - 44 44 - 47.5 at 47.5
47.5 - 52	Muscovite quartz schist, finely laminated, platy muscovite, thin quartz lamellae and augens. 078/40S	-18 -19	47.5 - 50 50 - 52
52 - 54	Quartz muscovite schist, more quartz lamellae and layers than above unit. 080/45S	-20	52 - 54
54 - 58	Muscovite quartz schist, platy large muscovite flakes 038/26E	-21	54 - 58
58 - 64	Chloritic quartz muscovite schist, varying chlorite content, mostly near quartz lamellae 072/40S	-22 -23	58 - 62 62 - 64

TRENCH: 87TR02  
 LOCATION: 50m West of 87TR01  
 0 m at NE end of trench  
 trench trends 066°

MAPPER: S.S.T.

METRES	GEOLOGY	SAMPLE #	interval(m)
64 - 72	Chlorite quartz schist, minor muscovite, quartz bands with chlorite aligned, soft and platy, sandy weathering 075/33S	-24 -25	64 - 68 68 - 72
72 - 82	Chlorite quartz muscovite schist, large muscovite flakes, chlorite forms lamellae between quartz 061/59S	-26 -27 -28	72 - 76 76 - 80 80 - 82
82 - 87	Siliceous quartz muscovite schist, large quartz bands, minor chlorite. Blocky weathering, minor folding 054/45S At 83-20cm quartz vein, minor FeOx 144/39E	-29 -30 -31	82 - 83 at 83 83 - 87

BULLDOZER TRENCH GEOLOGY

TRENCH: 87TR03

LOCATION: 0 m at E. end of trench,  
trench trends 050°

MAPPER: PG

Large quartz float immediately off East end of trench.

METRES	GEOLOGY	SAMPLE #	interval(m)
0 - 4	Quartzitic quartz muscovite schist, FeOx, thick MnOx, coarse pyrite alignments	-01	0 - 4
4 - 6	Chloritic, quartzitic, quartz muscovite schist, less than 1% coarse pyrite	-02	4 - 6
6 - 11	Slabby, dark green quartz muscovite schist, limonite along fractures, foliaform 10cm quartz stringers Schistosity 110/56S	-03 -04	6 - 8 8 - 11
11 - 13.5	Foliaform quartz rich section in quartz muscovite schist, goethite lined cavities in quartz, veins to 25cm width	-05	11 - 13.5
13.5 - 14	Large, apparently x-cutting quartz vein or pod 160/30E	-06	13.5 - 14
14 - 17	Mildly quartzitic quartz muscovite schist	-07	14 - 17
17 - 22	Well cleaved, foliated quartz muscovite schist, black oxidation, FeOx, One large quartz block ? at 19m Schistosity 090/50S	-08 -09	17 - 19.5 19.5 - 22
22 - 30	Quartzitic quartz muscovite schist, quartz pervasive and banded, blocky weathering	-10 -11	22 - 26 26 - 30
30 - 30.5	Large quartz vein or pod, 35cm., appears to be foliaform	-12	30 - 30.5

TRENCH: 87TR03

LOCATION: 0 m at E. end of trench  
trench trends 050°

MAPPER: PG

Large quartz float immediately off East end of trench.

METRES	GEOLOGY	SAMPLE #	interval(m)
30.5 - 36	Non-foliated, equigranular, muscovite quartzite, blocky, FeOx on x-cutting fractures.	-13 -14	30.5 - 33 33 - 36
36 - 40	Quartz muscovite schist 076/36S	-15 -16	36 - 40 40 - 43
40 - 80	Slabby quartz muscovite schist. Some quartz lamellae higher density Limonitic in places. More quartzitic 48.5 - 50 Quartz lamellae rich 50 - 54 8cm quartz pod at 63m Quartz lamellae rich 68 - 72 Schistosity 096/46S at 75m	-17 -18 -19 -20 -21 -22 -23 -24 -25 -26 -27	43 - 46 46 - 48.5 48.5 - 50 50 - 54 54 - 57 57 - 60 60 - 64 64 - 68 68 - 72 72 - 76 76 - 80
80 - 86	Quartzitic quartz muscovite schist, dark green, poorly cleaved, low % pyrite	-28 -29	80 - 83 83 - 86
86 - 115	Well cleaved quartz muscovite schist 95-105 mostly caved in, no good bedrock exposure, limonitic over- burden.	-30 -31 -32 -33 -34 -35 -36 -37	86 - 90 90 - 94 94 - 98 98 - 102 102 - 106 106 - 110 110 - 113 113 - 115
115 - 134	Deeply weathered muscovite quartz schist, very few larger quartz lamellae, minor FeOx, possible quartz vein at 127m (blocky quartz fragments)	-38 -39 -40 -41 -42 -43	115 - 119 119 - 123 123 - 127 127 - 127.5 127.5 - 130 130 - 134

BULLDOZER TRENCH GEOLOGYPage 1 of 3

TRENCH: 87TR04

LOCATION: trench trends 014°  
0 m at North end of trench.

MAPPER: PG

METRES	GEOLOGY	SAMPLE #	interval(m)
0 - 16	Blocky quartz muscovite schist less than 1% coarse disseminated pyrite, and blebs	-01 -02 -03 -04	0 - 5 5 - 9 9 - 13 13 - 16
16 - 18	FeOx, MnOx along quartz foliation few more quartz than above	-05	16 - 18
18 - 20.5	Large quartz pod (15cm), in area of abundant quartz lamellae in quartz muscovite schist, coarse pyrite cubes, aligned along foliations, less than 1% Schistosity 060/32S Fractures 040/68W (strong) 077/75S (moderate) 002/80W (weak)	-06	18 - 20.5
20.5 - 23	Number of quartz lamellae, and size increasing towards this zone, to 50% of total rock. Schistosity 102/55S 15cm quartz folia at 21m	-07	20.5 - 23
23 - 24	X-cutting quartz vein or pod, FeOx, Vein: 090/35N	-08	23 - 24
24 - 26	Quartz muscovite schist, highly fractured, not aligned with schistosity Fracture 050/80S Clayey FeOx shears parallel to fractures.	-09	24 - 26
26 - 27	20 to 30cm x-cutting quartz pod, minor FeOx, vein 112/35N	-10	26 - 27

TRENCH: 87TR04  
 LOCATION: trench trends 014°  
 0 m at North end of trench.

MAPPER: PG

METRES	GEOLOGY	SAMPLE #	interval(m)
27 - 44	Quartz muscovite schist, 2 or 3 small x-cutting stringers to 10cm thickness, less than 1% coarse disseminate pyrite with minor enrichment near quartz stringers Schistosity 105/52S Fractures 110/44N; 042/87W	-11 -12 -13 -14 -15	27 - 30 30 - 34 34 - 38 38 - 42 42 - 44
44 - 45	Large quartz vein or pod, x-cutting, FeOx, Galena in pockets-coarse, goethite, vuggy with coarse quartz crystals in fills, thin sulfide halo in country rock near vein Vein 060/75N	-16	44 - 45
45 - 46.5	Slabby quartz muscovite schist between 2 large quartz pods 095/27S	-17	45 - 46.5
46.5 - 47.5	50cm quartz vein or pod, FeOx along fractures, may be offshoot of larger vein 44 - 45; vein 132/51W	-18	46.5 - 47.5
47.5 - 49	Quartz muscovite schist between quartz veins or pods Fracture 105/85S Schistosity 078/55S	-19	47.5 - 49
49 - 50	Broken, 2 quartz pods 10cm thick, FeOx, MnOx Veins 065/35N	-20	49 - 50
50 - 61.5	Slid in segment, no good bedrock exposure, slabby quartz muscovite schist on mounds, one 10cm quartz pod, FeOx along some cleave surfaces.	-21 -22 -23	50 - 54 54 - 58 58 - 61.5
61.5 - 62.5	15 - 20cm quartz pod, FeOx, vuggy appears to be x-cutting	-24	61.5 - 62.5
62.5 - 64	Quartz muscovite schist, highly weathered	-25	62.5 - 64

TRENCH: 87TR04  
 LOCATION: trench trends 014°  
 0 m at North end of trench.

MAPPER: PG

METRES	GEOLOGY	SAMPLE #	interval(m)
64 - 66	Very crumbly, shear?, or highly weathered along foliations, brown	-26	64 - 66
66 - 78	Trench deepens through here ,brown colored, broken bedrock. Series of 1 to 3mm shears through section. Limonite common in shears and along schistosity planes. Schistosity 175/55W Strike 026/90, 038/60E, 064/62S	-27 -28 -29	66 - 70 70 - 74 74 - 78

BULLDOZER TRENCH GEOLOGY

TRENCH: TR05

LOCATION: trench trends 003°  
0 m at north end of trench.

MAPPER: W.L.

METRES	GEOLOGY	SAMPLE #	Interval(m)
0 - 3	Quartzitic quartz muscovite schist Foliation 050/30S, quartz lamellae to 3cm width, less than 1% pyrite.	-01	0 - 3
3 - 5 at 5m	Quartz muscovite schist, oxidized py, limonite, 1% pyrite, platey shear 145/74S, 2 to 3cm wide	-02 -03	3 - 5 5 - 9
5 - 12	Quartzitic, oxidized quartz muscovite schist, limonite, quartz lamellae to 1cm, slabby weathering	-04	9 - 12
12 - 18	Quartzitic quartz muscovite schist, Schistosity 110/29S, biotite?, blocky weathering	-05 -06	12 - 16 16 - 18
18 - 20 at 20m	Quartz muscovite schist, minor MnOx, quartz lamellae to 5cm width, less 1% py. shear 140/67S 3cm wide	-07	18 - 20
20 - 22	Quartz muscovite schist with minor chlorite, MnOx, FeOx, fracture 054/76S	-08	20 - 22
22 - 33	Quartz muscovite schist with x-cutting quartz and small shears. Slabby weathering, Schistosity 080/23S, 080/33S, MnOx.	-09 -10 -11	22 - 26 26 - 30 30 - 33
33 - 40	Limonitic oxidized quartz muscovite schist, blocky weathering, minor pyrite pyrite. Schistosity 065/40S Fractures 035/90, 147/78W	-12 -13	33 - 37 37 - 40
40 - 48	Limonitic quartz muscovite schist with quartz pods, slabby, 4cm quartz lamellae med. grained py to less 1% 075/34S	-14 -15	40 - 44 44 - 48

TRENCH: TR05  
 LOCATION: trench trends 003°  
 0 m at north end of trench.

MAPPER:W.L.

METRES	GEOLOGY	SAMPLE #	interval(m)
48 - 51	Blocky weathering quartz muscovite schist, 2cm wide quartz lamellae, fine grained pyrite to 1%, biotite? fractures 045/85W	-16	48 - 51
51 - 55	Quartz muscovite schist with minor biotite, MnOx, slabby, 1cm quartz lamellae.	-17	51 - 55
55 - 63	Quartz muscovite chlorite schist, blocky, 4cm quartz lamellae, less 1% coarse pyrite.	-18 -19	55 - 59 59 - 63
63 - 64	Quartz vein 090/35N, 6cm thick but transends section, FeOx.	-20	63 - 64
64 - 66	Quartz muscovite schist 090/27S, slabby, quartz lamellae to 1cm thick.	-21	64 - 66
66 - 68	Quartz vein 058/38N, chlorite on borders, MnOx stained, vuggy, coarsely crystalline.	-22	66 - 68
68 - 69	Quartz muscovite schist, coarse pyrite to less than 1%, MnOx, slabby.	-23	68 - 69
69 - 71	Quartz vein, orientation ? 135/50N FeOx	-24	69 - 71
71 - 86	Quartz muscovite schist with minor chlorite and biotite, medium to coarse pyrite to less than 1%. Schistosity 040/27S, minor limonite MnOx, quartz lamellae to 2cm	-25 -26 -27 -28	71 - 75 75 - 79 79 - 83 83 - 86
at 86	Quartz vein and shear 065/67N, MnOx and FeOx staining, coarsely crystalline, 3 to 7cm thick.	-29	at 86

TRENCH: TR05  
 LOCATION: trench trends 003°  
 0 m at north end of trench.

MAPPER: W.L.

METRES	GEOLOGY	SAMPLE #	interval(m)
86 - 92	Muscovite quartz schist with minor biotite, slabby, coarse pyrite to 1 1/2 cm quartz lamellae	-30 -31	86 - 90 90 - 92
at 92	Quartz vein 090/57N, FeOx, 10cm thick coarsely crystalline	-32	at 92
92 - 94	Muscovite quartz schist, MnOx, slabby, fine grained pyrite.	-33	92 - 94
at 94	Quartz vein and shear 125/90, MnOx, limonite, about 5cm wide, coarse pyrite in wall rock near vein.	-34	at 94
94 - 102	Muscovite quartz schist, quartz lamellae to 1cm thick, coarse pyrite less than 1 1/2, FeOx, quartz pods, slabby, Schistosity 085/31S	-35 -36	94 - 98 98 - 102
at 102	Quartz vein 120/58N, crystalline, vuggy, vuggy, FeOx, 6 to 8cm wide.	-37	at 102
102 - 105	Muscovite quartz schist 075/53S slabby.	-38	102 - 105
at 105	Quartz vein with shear 075/82S limonite.	-39	at 105
105 - 109	Muscovite quartz schist, blocky MnOx, little py.	-40	105 - 109
at 109	Quartz vein 125/54N, vuggy, FeOx, MnOx to 30cm width.	-41	at 109
109 - 114	Muscovite quartz schist 085/50S, slabby, coarse pyrite (less than 1 1/2) little MnOx.	-42 -43	109 - 112 112 - 114

TRENCH: TR05  
 LOCATION: trench trends 003°  
 0 m at north end of trench.

MAPPER: W.L.

METRES	GEOLOGY	SAMPLE #	interval(m)
114 - 115	Quartz vein 095/40N, FeOx, coarsely crystalline, to 7cm width, transcends section.	-44	114 - 115
115 - 116	Shear 050/90, limonitic	-45	115 - 116
116 - 118	Muscovite quartz schist, with quartz pods, 3cm thick, slabby, MnOx	-46	116 - 118
at 118	Quartz vein, 135/34N, MnOx, coarse	-47	at 118
118 - 120	Muscovite quartz schist, MnOx, blocky	-48	118 - 120
at 120	Quartz vein 110/28N, 35cm wide, FeOx	-49	at 120
120 - 124	Muscovite quartz schist, blocky	-50	120 - 124
at 124	Quartz vein 115/57N, FeOx, limonite 4cm	-51	at 124
124 - 127	Muscovite quartz schist 085/42S, 2cm quartz lamellae, MnOx, blocky	-52	124 - 127
at 127	Quartz vein 132/76S, 40cm wide, coarse crystals, vuggy, FeOx	-53	at 127
127 - 129	Muscovite quartz schist, 2cm quartz lamellae, blocky	-54	127 - 129
129 - 132	30cm quartz vein transcends section, 105/15S, vuggy, FeOx, fractured.	-55	129 - 132
132 - 140	Quartz muscovite schist, FeOx, MnOx, slabby, 1cm quartz lamellae, oxidized pyrite less 1%	-56 -57	132 - 136 136 - 140

TRENCH: TR05

LOCATION: trench trends 003°  
0 m at north end of trench.

MAPPER: W.L.

METRES	GEOLOGY	SAMPLE #	interval(m)
at 140	Quartz vein 110/50N,30cm wide,FeOx.	-58	at 140
140 - 147	Quartz muscovite schist,sheared near 141,to 1% coarse pyrite,foliaform quartz pods,slabby,Schistosity 055/42S,minor MnOx,quartz lamellae concentration 146-147	-59 -60 -61 -62	140 - 142 142 - 144 144 - 146 146 - 147
147 - 155	Quartz muscovite schist with minor chlorite and/or biotite,2cm quartz lamellae,MnOx,FeOx.	-63 -64	147 - 151 151 - 155
155 - 175	Quartz muscovite schist 065/52S, sheared in several places (near 158 and 170) shear 068/65S,FeOx, limonite,coarse pyrite to 1%,1 and 2cm quartz lamellae,MnOx,slabby.	-65 -66 -67 -68 -69	155 - 159 159 - 163 163 - 167 167-171 171 - 175

BULLDOZER TRENCH GEOLOGY.Page 1 of 3

TRENCH: 87TR06

LOCATION: L11W;20t00S

MAPPER: S.S.T.

trench trends 020°, 0 m at north end of trend.

METRES	GEOLOGY	SAMPLE #	interval(m)
0 - 10	Red soils cover bedrock.	---	---
10 - 15	Quartz muscovite schist.	-01	10 - 15
15 - 16	Dyke ? diabase, altered float, soily	-02	15 - 16
16 - 25	Quartz muscovite schist	-03 -04	16 - 21 21 - 25
25 - 26	Quartz vein	-05	25 - 26
26 - 32	Quartzite, schistosity poor, hard breaking, pink.	-06 -07	26 - 29 29 - 32
32 - 53	Quartz muscovite schist, from 42m on is iron stained, FeOx.	-08 -09 -10 -11	32 - 37 37 - 42 42 - 47 47 - 53
53 - 70	FeOx, chloritic quartz muscovite schist.	-12 -13 -14 -15	53 - 57 57 - 62 62 - 67 67 - 70
70 - 76	Sericitic quartz muscovite schist.	-16	70 - 76
76 - 78	Siliceous (quartzitic) quartz muscovite schist.	-17	76 - 78
78 - 81	Muscovite quartz schist.	-18	78 - 81
81 - 86	Quartzite, muscovite, quartz.	-19	81 - 86
86 - 105	Quartz muscovite, feldspar, quartzite, (con't)	-20	86 - 90

TRENCH: 87TR06

LOCATION: L11W,20t00S

MAPPER: S.S.T.

trench trends 020°, 0 m at north end of trend.

METRES	GEOLOGY	SAMPLE #	interval(m)
86 - 105 (con't)	sandy, textured, sedimentary appearance, light blue-grey, slight pink, (granitic) color, becomes more platy 95 to 100m, some vuggy quartz 100 to 105m.	-21 -22 -23	90 - 95 95 - 100 100 - 105
105 - 118	Quartz muscovite quartzite, more siliceous than above, little or no feldspar.	-24 -25 -26	105 - 110 110 - 115 115 - 118
118 - 130	Platy quartz muscovite quartzite, more pyritiferous than preceding quartzite, more x-cutting quartz stringers, roughly 1% pyrite, fine and coarse disseminate.	-27 -28 -29	118 - 120 120 - 125 125 - 130
130 - 140	Blocky quartz muscovite quartzite with carbonate blebs, equigranular, sandy.	-30 -31	130 - 135 135 - 140
140 - 150	Quartzitic quartz muscovite schist, light green, well foliated, x-cutting quartz stringers, coarsely banded in places.	-32 -33	140 - 145 145 - 150
150 - 160	Blocky, banded, quartz muscovite quartzite with carbonate blotches, little or no pyrite.	-34 -35	150 - 155 155 - 160
160 - 170	Quartz muscovite schist, sheared and/or deeply weathered, muscovite rich, limonitic stained and pyrite enrichments from 165 to 170.	-36 -37	160 - 165 165 - 170
at 170	Quartz vein or pod, small.	-38	at 170
170 - 175	Quartz muscovite schist, limonitic near quartz vein.	-39	170 - 175

TRENCH: 87TR06

LOCATION: L11W;20t00S

MAPPER: S.S.T.

trench trends 020°, 0 m at north end of trend.

METRES	GEOLOGY	SAMPLE #	interval(m)
at 175	4° shear zone, strikes parallel to schist, dips 30°SW.	-40	at 175
175 - 195	Partially oxidized quartz muscovite schist, color variations, slabby 180-185, some quartz stringers, less 1% disseminated pyrite.	-41 -42 -43 -44	175 - 180 180 - 185 185 - 190 190 - 195

TRENCH: 87TR07

LOCATION: L10W;20t25S

MAPPER: PG

Trench trends 020°, 0 m at north end of trench.

METRES	GEOLOGY	SAMPLE #	interval(m)
0 - 10	Quartz muscovite schist, 10cm x-cut quartz pod or vein at 4m, platey.	-01 -02	0 - 5 5 - 10
10 - 21	Banded muscovite quartzite, blocky, muscovite cleavages.	-03 -04	10 - 15 15 - 21
21 - 22.5	Large quartz vein or pod, trends roughly 100°, dips to S? (foliaform)	-05	21 - 22.5
22.5 - 25	Platey, quartzitic quartz muscovite schist, minor limonite.	-06	22.5 - 25
25 - 40	Equigranular, sandy quartzite, blocky, light blue-grey, FeOx on x-cutting fractures, 1% carbonate blotches, highly siliceous.	-07 -08 -09	25 - 30 30 - 35 35 - 40
40 - 50	Platey quartzite, all quartz stringers and veins appear x-cutting in quartzites, stringers 110/58N	-10 -11	40 - 45 45 - 50
50 - 64	Platey, grungy textured quartz muscovite schist, foliated, quartz lamellae.	-12 -13 -14	50 - 55 55 - 60 60 - 64
64 - 70	Weekly banded (foliated) quartz muscovite, feldspar quartzite, pink and blue-grey color (k-spar)	-15	64 - 70
70 - 125	Muscovite quartzite, blue-grey, blocky Schistosity 080/40°S, this quartzite appears same as quartzite in 87TR06 at 085° from here. (87TR06-86 to-140)	-16 -17 -18 -19 -20 -21 -22 -23 -24 -25 -26	70 - 75 75 - 80 80 - 85 85 - 90 90 - 95 95 - 100 100 - 105 105 - 110 110 - 115 115 - 120 120 - 125

TRENCH: 87TR07

LOCATION: 110W;20t25S

MAPPER: PG

Trench trends 020°, 0 m at north end of trench.

METRES	GEOLOGY	SAMPLE #	interval(m)
125 - 128	Very chippy, muscovitic shear?, quartz muscovite schist.	-27	125 - 128
128 - 140	Slabby, limonitic quartz muscovite schist, less than 1% pyrite.	-28 -29 -30	128 - 132 132 - 136 136 - 140
at 140	30cm quartz vein or pod.	-31	at 140
140 - 150	Limonitic, slabby quartz muscovite schist.	-32 -33	140 - 145 145 - 150
at 150	Sheared (to fine dirt) quartz muscovite schist.	-34	at 150
150 - 157	Brown, slabby quartz muscovite schist.	-35	150 - 157
at 157	30cm shear, muscovitic, dirty, brown.	-36	at 157
157 - 160	Grey-brown quartz muscovite schist.	-37	157 - 160
at 160	40cm shear, brown.	-38	at 160
160 - 185	Sequence of 3 to 5m grey and brown quartz muscovite schist, differing in oxidizing colorations.	-39 -40 -41 -42 -43	160 - 165 165 - 170 170 - 175 175 - 180 180 - 185

BULLDOZER TRENCH GEOLOGYPage 1 of 4

TRENCH: 87TR08

LOCATION: Line 9W

MAPPEX:

S.S.T.

Trench trends 020°, 0 m at north end of trench.

METRES	GEOLOGY	SAMPLE #	interval(m)
---	Rusty quartz vein with visible gold, sampled previous to mapping of trench	-01	102.2 - 103.8
0 - 2.5	Quartz muscovite schist, 099/27SW	-02	0 - 2.5
2.5 - 2.6	Quartz vein, irregular (pod), rusty.	-03	2.5 - 2.6
2.6 - 4.5 ))))	Quartz muscovite schist.	-04	2.6 - 4.5
4.5 - 4.6	Quartz vein, strikes 119°, slightly rusty.	-05	4.5 - 4.6
4.6 - 6.5	Quartz muscovite schist, 099/43SW	-06	4.6 - 6.5
6.5 - 6.7	Quartz vein, slightly rusty, strike 109°.	-07	6.5 - 6.7
6.7 - 9.0	Quartz muscovite schist.	-08	6.7 - 9.0
9.0 - 9.1	Quartz vein, boxworks, FeOx at 113°	-09	9.0 - 9.1
9.1 - 10.3	Quartz muscovite schist 090/29S	-10	9.1 - 10.3
10.3 - 10.5	Quartz vein, splays, FeOx, boxworks.	-11	10.3 - 10.5
10.5 - 12.5	Quartz muscovite schist.	-12	10.5 - 12.5
12.5 - 12.6	Quartz veinlet, irregular (podiform).	-13	12.5 - 12.6
12.6 - 15.0	Quartz muscovite schist.	-14	12.6 - 15.0
15.0 - 15.2	Quartz vein, rusty, boxworks, irregular.	-15	15.0 - 15.2

TRENCH: 87TR08  
 LOCATION: Line 9W MAPPER: S.S.T  
 Trench trends 020°, 0 m at north end of trench.

METRES	GEOLOGY	SAMPLE #	interval(m)
15.2 - 17.2	Quartz muscovite schist.	-16	15.2 - 17.2
17.2 - 17.6	Basalt dyke (diabase), blocky, black, possible sheared contacts.	-17	17.2 - 17.6
17.6 - 18.6	Muscovite quartz schist, very platy slightly sericitic, possible alteration (dyking).	-18	17.6 - 18.6
18.6 - 20.0	Quartz muscovite schist.	-19	18.6 - 20.0
20.0 - 20.1	Gossan (FeOx) in schist, boxworks 124/45SW	-20	20.0 - 20.1
20.1 - 22.1	Quartz muscovite schist.	-21	20.1 - 22.1
22.1 - 22.5	Quartz vein, rusty, boxworks, roughly 170/70NE	-22	22.1 - 22.5
22.5 - 24.7	Quartz muscovite schist, slightly rusty.	-23	22.5 - 24.7
24.7 - 24.9	Quartz vein or pod, rusty, boxworks.	-24	24.7 - 24.9
24.9 - 27.9	Quartz muscovite schist.	-25	24.9 - 27.9
27.9 - 28.3	Irregular quartz vein or pod.	-26	27.9 - 28.3
28.3 - 38.5	Quartz muscovite schist with minor blue quartz porphyroblasts, 110/35SW	-27 -28	28.3 - 33.0 33.0 - 38.5
38.5 - 38.9	Quartz vein, FeOx, boxworks, strike 139°	-29	38.5 - 38.9
38.9 - 39.9	Quartz muscovite schist.	-30	38.9 - 39.9

TRENCH: 87TR08

LOCATION: Line 9W

MAPPER: S.S.T

Trench trends 020°, 0 m at north end of trench.

METRES	GEOLOGY	SAMPLE #	interval(m)
39.9 - 40.1	Rusty quartz vein.	-31	39.9 - 40.1
40.1 - 51.3	Quartz muscovite schist.	-32 -33	40.1 - 45.0 45.0 - 51.3
51.3 - 52.1	Quartz vein, rusty, boxworks strike 129°	-34	51.3 - 52.1
52.0 - 73.3	Quartz muscovite schist, minor chlorite, carbonate blebs, Schistosity 103/38SW	-35 -36 -37 -38	52.0 - 57.0 57.0 - 62.0 62.0 - 67.0 67.0 - 73.3
73.3 - 73.6	Quartz vein, rusty, irregular.	-39	73.3 - 73.6
73.6 - 84.0	Quartz muscovite schist, carbonate blebs (porphyroblasts)	-40 -41	73.6 - 79.0 79.0 - 84.0
84.0 - 85.0	Sheared quartz vein, rusty fine grained chips with quartz fragments, 30cm wide, oriented 162/70SW	-42	84.0 - 85.0
85.0 - 102.2	Slightly rusty quartz muscovite schist.	-43 -44 -45 -46	85.0 - 90.0 90.0 - 95.0 95.0 - 100 100 - 102.2
102.2 - 103.8	Two 20-30cm quartz veins, rusty, visible gold.	-01	102.2 - 103.8
103.8 - 116.1	Quartz muscovite schist, 117/37SW.	-47 -48 -49	103.8 - 109.0 109.0 - 114.0 114.0 - 116.1
116.1 - 116.2	Quartz veinlet, foliaform, FeOx.	-50	116.1 - 116.2

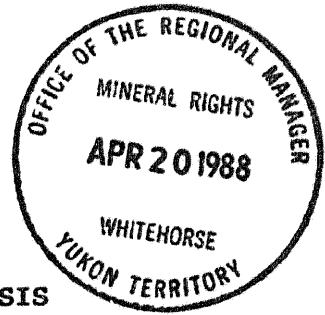
TRENCH: 87TR08

LOCATION: Line 9W

MAPPER: S.S.T

Trench trends 020°, 0 m at north end of trench.

METRES	GEOLOGY	SAMPLE #	interval(m)
116.2 - 122.2	Quartz muscovite schist, rusty.	-51	116.2 - 122.2
122.2 - 122.3	Quartz veinlet, rusty, boxworks.	-52	122.2 - 122.3
122.3 - 133.5	Quartz muscovite schist, slight FeOx, carbonate blebs, Schistosity 081/20SE	-53 -54	122.3 - 127.0 127.0 - 133.5
133.5 - 134.5	Shear, irregular, FeOx, 002°	-55	133.5 - 134.5
134.5 - 137.5	Quartz muscovite schist.	-56	134.5 - 137.5
137.5 - 137.6	Quartz vein, boxworks, irregular.	-57	137.5 - 137.6
137.6 - 143.4	Quartz muscovite schist, broken (sheared?)	-58	137.6 - 143.4
143.4 - 143.5	Quartz vein, broken (sheared).	-59	143.4 - 143.5
143.5 - 147.8	Quartz muscovite schist, sheared?	-60	143.5 - 147.8
147.8 - 148.1	Quartz vein, boxworks.	-61	147.8 - 148.1



**PART II**  
**APPENDIX III - CERTIFICATES OF ANALYSIS**  
**TO ACCOMPANY:**

**ARBOR RESOURCES INC.**  
**GEOLOGICAL, GEOCHEMICAL, GEOPHYSICAL,**  
**DIAMOND AND ROTARY DRILLING REPORT**  
**ON THE**  
**LONE STAR PROPERTY**  
**DAWSON MINING DISTRICT, YUKON**  
**NTS 115 0/14**

**JANUARY, 1988.**

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



**092102**

**APPENDIX III - CHEMEX LABS 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

To: MARK MANAGEMENT LIMITED

1900 - 999 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6C 2W2

Project: DAWSON

Comments: ATTN: ART TROUP CC: PERRY GRUNENBURG

Page No. 11A  
Tot. Pages 1  
Date JUN-87  
Invoice # I-8716373  
P.O. # ACR-DEL

## CERTIFICATE OF ANALYSIS A8716373

SAMPLE DESCRIPTION	PREP CODE	As ppb RUSH	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
L24W 00+00S	203 238	5	1.89	0.2	< 5	440	< 0.5	< 2	0.16	< 0.5	11	39	19	2.10	< 10	< 1	0.16	30	0.38	227
L24W 00+50S	203 238	< 5	1.60	0.2	< 5	290	< 0.5	< 2	0.20	< 0.5	8	51	12	1.66	< 10	< 1	0.13	30	0.84	159
L24W 01+00S	203 238	10	1.55	< 0.2	< 5	340	< 0.5	< 2	0.26	< 0.5	10	49	14	1.90	< 10	< 1	0.16	30	0.66	251
L24W 01+50S	203 238	5	1.74	< 0.2	5	350	< 0.5	< 2	0.22	< 0.5	8	58	15	2.03	< 10	< 1	0.16	20	0.50	163
L24W 02+00S	203 238	< 5	2.24	< 0.2	5	450	< 0.5	< 2	0.30	< 0.5	13	65	19	2.76	< 10	< 1	0.22	30	0.76	412
L24W 02+50S	203 238	5	1.92	< 0.2	5	320	< 0.5	< 2	0.20	< 0.5	12	56	14	2.43	< 10	< 1	0.15	20	0.69	268
L24W 03+00S	203 238	< 5	1.77	< 0.2	10	270	< 0.5	< 2	0.20	< 0.5	10	51	12	2.23	< 10	< 1	0.16	30	0.67	220
L24W 03+50S	203 238	< 5	1.76	0.2	< 5	280	< 0.5	< 2	0.17	< 0.5	9	48	12	2.12	< 10	< 1	0.15	30	0.60	205
L24W 04+00S	203 238	35	1.75	< 0.2	< 5	400	< 0.5	< 2	0.22	< 0.5	9	47	22	2.17	< 10	< 1	0.31	30	0.79	279
L24W 04+50S	203 238	< 5	1.37	0.2	< 5	290	< 0.5	< 2	0.13	< 0.5	9	40	11	1.56	< 10	< 1	0.27	30	0.58	170
L24W 05+00S	203 238	< 5	1.31	0.4	< 5	300	< 0.5	2	0.11	< 0.5	7	30	9	1.36	< 10	< 1	0.30	50	0.51	130
L24W 05+50S	203 238	< 5	1.69	0.4	5	280	< 0.5	< 2	0.11	< 0.5	8	45	9	1.85	< 10	< 1	0.24	30	0.33	134
L24W 06+00S	203 238	< 5	2.11	0.2	10	310	< 0.5	< 2	0.12	< 0.5	10	51	14	2.77	< 10	1	0.26	30	0.47	204
L24W 06+50S	203 238	25	1.08	0.4	10	230	< 0.5	< 2	0.05	< 0.5	6	31	14	1.45	< 10	< 1	0.24	40	0.26	102
L24W 07+00S	203 238	< 5	2.06	0.2	5	380	< 0.5	< 2	0.15	< 0.5	9	47	13	2.41	< 10	< 1	0.31	30	0.41	192
L24W 07+50S	203 238	< 5	1.35	0.4	< 5	210	< 0.5	< 2	0.09	< 0.5	7	44	14	1.67	< 10	< 1	0.26	30	0.35	134
L24W 08+00S	203 238	< 5	2.12	0.2	10	370	< 0.5	< 2	0.18	< 0.5	11	51	18	2.56	< 10	< 1	0.25	20	0.50	261
L24W 08+50S	203 238	< 5	2.20	0.2	< 5	260	< 0.5	< 2	0.16	< 0.5	11	54	12	2.55	< 10	< 1	0.17	20	0.44	260
L24W 09+00S	203 238	< 5	1.93	0.2	5	290	< 0.5	< 2	0.21	< 0.5	12	46	30	2.65	< 10	< 1	0.13	20	0.49	223
L24W 09+50S	203 238	< 5	1.70	0.6	10	500	< 0.5	< 2	0.42	< 0.5	13	61	11	2.14	< 10	< 1	0.22	20	0.49	644
L24W 10+00S	203 238	< 5	2.00	0.4	10	360	< 0.5	< 2	0.33	< 0.5	13	67	17	2.70	< 10	< 1	0.18	20	0.64	419
L24W 10+50S	203 238	< 5	1.81	0.4	5	350	< 0.5	< 2	0.33	< 0.5	12	58	19	2.40	< 10	< 1	0.23	30	0.72	469
L24W 11+00S	203 238	< 5	1.54	0.2	< 5	330	< 0.5	< 2	0.33	< 0.5	10	53	8	2.24	< 10	< 1	0.20	20	0.44	390
L24W 11+50S	203 238	< 5	1.89	0.4	< 5	320	< 0.5	< 2	0.30	< 0.5	11	50	12	2.26	< 10	< 1	0.15	20	0.51	227
L24W 12+00S	203 238	< 5	1.66	< 0.2	10	520	< 0.5	< 2	0.50	< 0.5	12	60	10	2.06	< 10	1	0.31	20	0.56	496
L24W 12+50S	203 238	< 5	1.59	0.2	5	310	< 0.5	2	0.28	< 0.5	9	50	18	1.95	< 10	< 1	0.35	20	0.60	180
L24W 13+00S	203 238	< 5	1.59	0.2	< 5	670	< 0.5	< 2	0.26	< 0.5	9	50	9	1.64	< 10	< 1	0.31	30	0.43	334
L24W 13+50S	203 238	< 5	0.96	< 0.2	< 5	290	< 0.5	< 2	0.23	< 0.5	7	38	10	1.19	< 10	< 1	0.19	20	0.26	188
L24W 14+00S	203 238	< 5	1.04	< 0.2	10	250	< 0.5	2	0.26	< 0.5	6	43	9	1.17	< 10	< 1	0.20	20	0.26	107
L24W 14+50S	203 238	< 5	1.20	0.2	< 5	260	< 0.5	< 2	0.29	< 0.5	7	40	11	1.38	< 10	< 1	0.22	20	0.37	151
L24W 15+00S	203 238	< 5	1.29	< 0.2	< 5	340	< 0.5	< 2	0.32	< 0.5	9	47	12	1.71	< 10	< 1	0.14	20	0.39	176
L24W 15+50S	203 238	< 5	1.44	< 0.2	< 5	290	< 0.5	< 2	0.27	< 0.5	9	46	16	1.92	< 10	< 1	0.12	20	0.44	140
L24W 16+00S	203 238	< 5	1.43	< 0.2	< 5	390	< 0.5	< 2	0.39	< 0.5	9	56	16	2.05	< 10	< 1	0.12	20	0.45	274
L24W 16+50S	203 238	< 5	1.46	< 0.2	< 5	420	< 0.5	< 2	0.39	< 0.5	9	50	15	2.03	< 10	< 1	0.11	20	0.48	224
L24W 17+00S	203 238	35	1.29	0.2	10	290	< 0.5	< 2	0.34	< 0.5	9	53	11	1.94	< 10	< 1	0.11	20	0.47	202
L24W 17+50S	203 238	< 5	1.58	< 0.2	< 5	370	< 0.5	< 2	0.38	< 0.5	10	44	16	2.28	< 10	< 1	0.13	20	0.53	231
L24W 18+00S	203 238	< 5	1.79	0.4	< 5	360	< 0.5	< 2	0.31	< 0.5	10	50	17	2.50	< 10	< 1	0.14	20	0.64	240
L24W 18+50S	203 238	< 5	1.85	0.4	5	430	< 0.5	< 2	0.21	< 0.5	10	50	15	2.46	< 10	< 1	0.21	20	0.73	217
L24W 19+00S	203 238	< 5	1.77	0.8	15	790	< 0.5	< 2	0.29	< 0.5	12	51	18	2.32	< 10	< 1	0.20	20	0.53	261
L24W 19+50S	203 238	75	1.36	0.4	< 5	590	< 0.5	< 2	0.25	< 0.5	9	58	15	1.88	< 10	< 1	0.24	30	0.47	192

092132

CERTIFICATION :

*Stuart Buchler*



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

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

PHONE (604) 984-0221

To: MARK MANAGEMENT LIMITED

1900 - 999 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6C 2W2

Project: IAWSON

Comments: ATTN: ART TROUP CC: PERRY GRUNENBURG

Page No. -B  
Tot. Page  
Date: 1984-JUN-87  
Invoice #: I-8716373  
P.O. #: ACR-DEL

## CERTIFICATE OF ANALYSIS A8716373

SAMPLE DESCRIPTION	PREP CODE	Mb ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L24W 00+00S	203 238	< 1	0.01	14	120	34	< 5	< 10	18	0.07	< 10	< 10	38	< 5	60
L24W 00+50S	203 238	< 1	< 0.01	13	130	18	< 5	< 10	21	0.09	< 10	< 10	30	< 5	45
L24W 01+00S	203 238	< 1	0.01	11	180	20	< 5	< 10	31	0.09	< 10	< 10	34	< 5	52
L24W 01+50S	203 238	< 1	0.01	11	290	18	< 5	< 10	22	0.08	< 10	< 10	41	< 5	51
L24W 02+00S	203 238	< 1	0.02	17	230	18	< 5	< 10	33	0.08	< 10	< 10	50	< 5	63
L24W 02+50S	203 238	< 1	0.01	13	150	10	< 5	< 10	23	0.08	< 10	< 10	47	< 5	58
L24W 03+00S	203 238	< 1	0.01	12	130	16	< 5	< 10	23	0.07	< 10	< 10	37	< 5	57
L24W 03+50S	203 238	< 1	0.01	10	70	16	< 5	< 10	19	0.07	< 10	< 10	36	< 5	57
L24W 04+00S	203 238	< 1	0.01	10	110	14	< 5	< 10	21	0.09	< 10	< 10	23	< 5	89
L24W 04+50S	203 238	< 1	0.01	6	120	18	< 5	< 10	15	0.05	< 10	< 10	18	< 5	49
L24W 05+00S	203 238	< 1	0.01	5	100	14	< 5	< 10	14	0.03	< 10	< 10	14	< 5	43
L24W 05+50S	203 238	< 1	0.01	7	240	20	< 5	< 10	12	0.05	< 10	< 10	32	< 5	51
L24W 06+00S	203 238	< 1	0.01	9	270	12	< 5	< 10	17	0.08	< 10	< 10	42	< 5	54
L24W 06+50S	203 238	< 1	0.01	6	100	16	< 5	< 10	7	0.02	< 10	< 10	11	< 5	38
L24W 07+00S	203 238	< 1	0.01	8	200	10	< 5	< 10	17	0.08	< 10	< 10	40	< 5	44
L24W 07+50S	203 238	< 1	0.01	8	140	18	< 5	< 10	12	0.03	< 10	< 10	21	< 5	50
L24W 08+00S	203 238	< 1	0.01	13	250	16	< 5	< 10	23	0.09	< 10	< 10	46	< 5	67
L24W 08+50S	203 238	< 1	0.01	14	140	10	< 5	< 10	19	0.09	< 10	< 10	55	< 5	55
L24W 09+00S	203 238	< 1	0.02	16	160	12	< 5	< 10	24	0.10	< 10	< 10	53	< 5	51
L24W 09+50S	203 238	< 1	0.02	12	210	< 2	< 5	< 10	37	0.09	< 10	< 10	43	< 5	64
L24W 10+00S	203 238	< 1	0.02	23	200	12	< 5	< 10	31	0.11	< 10	< 10	55	< 5	64
L24W 10+50S	203 238	< 1	0.01	16	140	10	< 5	< 10	26	0.09	< 10	< 10	40	< 5	62
L24W 11+00S	203 238	< 1	0.02	13	150	4	< 5	< 10	31	0.10	< 10	< 10	51	< 5	57
L24W 11+50S	203 238	< 1	0.02	14	80	10	< 5	< 10	26	0.13	< 10	< 10	48	< 5	56
L24W 12+00S	203 238	< 1	0.01	10	160	16	< 5	< 10	37	0.16	< 10	< 10	37	5	60
L24W 12+50S	203 238	< 1	0.02	11	170	24	< 5	< 10	27	0.07	< 10	< 10	33	< 5	58
L24W 13+00S	203 238	< 1	0.01	9	180	16	< 5	< 10	22	0.03	< 10	< 10	29	< 5	63
L24W 13+50S	203 238	1	0.01	5	200	10	< 5	< 10	23	0.05	< 10	< 10	16	< 5	46
L24W 14+00S	203 238	1	0.01	7	150	16	< 5	< 10	26	0.06	< 10	< 10	17	< 5	41
L24W 14+50S	203 238	< 1	0.01	5	230	10	< 5	< 10	27	0.07	< 10	< 10	22	< 5	52
L24W 15+00S	203 238	< 1	0.01	9	230	12	< 5	< 10	27	0.07	< 10	< 10	33	< 5	49
L24W 15+50S	203 238	< 1	0.01	10	290	12	< 5	< 10	22	0.08	< 10	< 10	38	< 5	51
L24W 16+00S	203 238	< 1	0.02	14	450	8	< 5	< 10	31	0.08	< 10	< 10	40	< 5	57
L24W 16+50S	203 238	< 1	0.02	12	440	12	< 5	< 10	32	0.08	< 10	< 10	40	< 5	53
L24W 17+00S	203 238	< 1	0.02	11	450	8	< 5	< 10	25	0.07	< 10	< 10	35	< 5	58
L24W 17+50S	203 238	< 1	0.01	14	420	6	< 5	< 10	30	0.08	< 10	< 10	43	< 5	61
L24W 18+00S	203 238	< 1	0.01	16	430	10	< 5	< 10	26	0.07	< 10	< 10	46	< 5	75
L24W 18+50S	203 238	< 1	0.01	14	280	4	< 5	< 10	19	0.05	< 10	< 10	42	< 5	62
L24W 19+00S	203 238	< 1	0.02	14	260	18	< 5	< 10	27	0.07	< 10	< 10	44	< 5	59
L24W 19+50S	203 238	< 1	0.01	11	290	10	< 5	< 10	21	0.04	< 10	< 10	28	< 5	58

CERTIFICATION :

*Hart/Bickler*



# 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

1900 - 999 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6C 2W2

Project: DAWSON

Comments: ATTN: ART TROUP CC: PERRY GRUNENBURG

Page No. 2-A

Tot. Page

Date JUN-87

Invoice #: I-8716373

P.O. #: ACR-DEL

## CERTIFICATE OF ANALYSIS A8716373

SAMPLE DESCRIPTION	PREP CODE	Au ppb RUSH	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
L26W 20+00S	203 238	5	1.72	0.2	< 5	460	< 0.5	< 2	0.35	< 0.5	11	64	15	2.39	< 10	< 1	0.19	20	0.63	286
L26W 20+30S	203 238	150	1.56	0.2	10	480	< 0.5	< 2	0.28	< 0.5	8	43	9	1.94	< 10	1	0.24	20	0.52	154
L26W 21+00S	203 238	5	1.00	0.2	5	440	< 0.5	< 2	0.13	< 0.5	5	30	5	1.15	< 10	< 1	0.23	30	0.26	77
L26W 21+30S	203 238	< 5	1.13	0.2	< 5	430	< 0.5	< 2	0.16	< 0.5	6	41	6	1.37	< 10	< 1	0.23	20	0.27	122
L26W 00+00S	203 238	< 5	2.90	0.2	< 5	330	< 0.5	< 2	0.27	< 0.5	12	57	13	3.22	< 10	< 1	0.12	20	0.60	212
L26W 00+30S	203 238	< 5	1.84	0.2	< 5	220	< 0.5	< 2	0.27	< 0.5	10	44	15	2.18	< 10	< 1	0.12	20	0.69	205
L26W 01+00S	203 238	< 5	1.47	0.2	5	320	< 0.5	< 2	0.23	< 0.5	9	43	13	1.95	< 10	< 1	0.22	30	0.59	191
L26W 01+30S	203 238	< 5	1.29	0.2	< 5	210	< 0.5	< 2	0.13	< 0.5	8	38	8	1.85	< 10	1	0.11	20	0.37	129
L26W 02+00S	203 238	< 5	1.46	0.2	< 5	290	< 0.5	< 2	0.18	< 0.5	8	53	11	1.93	< 10	< 1	0.14	20	0.45	169
L26W 02+30S	203 238	< 5	1.62	0.2	25	290	0.5	2	0.19	< 0.5	10	49	16	2.10	< 10	< 1	0.13	30	0.53	230
L26W 03+00S	203 238	< 5	1.71	0.2	< 5	310	< 0.5	< 2	0.21	< 0.5	5	44	14	2.10	< 10	< 1	0.15	20	0.46	186
L26W 03+30S	203 238	< 5	1.75	0.2	< 5	300	< 0.5	< 2	0.26	< 0.5	9	44	12	2.12	< 10	< 1	0.12	20	0.52	172
L26W 04+00S	203 238	< 5	1.48	0.2	10	260	< 0.5	< 2	0.25	< 0.5	9	44	11	1.89	< 10	< 1	0.13	20	0.49	170
L26W 04+30S	203 238	10	1.57	0.2	5	410	< 0.5	< 2	0.34	< 0.5	10	44	14	2.10	< 10	< 1	0.12	30	0.55	220
L26W 05+00S	203 238	< 5	1.42	0.2	< 5	260	< 0.5	< 2	0.19	< 0.5	8	39	10	1.72	< 10	< 1	0.14	20	0.39	158
L26W 05+30S	203 238	< 5	1.28	0.2	< 5	230	< 0.5	< 2	0.16	< 0.5	6	38	11	1.52	< 10	< 1	0.17	30	0.35	115
L26W 06+00S	203 238	< 5	1.03	0.2	< 5	230	< 0.5	< 2	0.11	< 0.5	1	20	8	1.00	< 10	< 1	0.20	40	0.22	89
L26W 06+30S	203 238	70	1.08	0.2	5	200	< 0.5	< 2	0.11	< 0.5	2	42	11	1.06	< 10	< 1	0.20	30	0.24	83
L26W 07+00S	203 238	< 5	1.65	0.2	< 5	250	< 0.5	< 2	0.14	0.5	9	46	19	2.00	< 10	1	0.12	20	0.37	158
L26W 07+30S	203 238	< 5	2.01	0.2	< 5	300	< 0.5	< 2	0.21	0.5	8	48	8	2.27	< 10	1	0.18	20	0.39	197
L26W 08+00S	203 238	< 5	2.02	0.2	< 5	320	< 0.5	< 2	0.21	< 0.5	9	46	11	2.60	< 10	< 1	0.12	20	0.39	174
L26W 08+30S	203 238	< 5	2.53	0.2	< 5	290	< 0.5	< 2	0.35	< 0.5	11	51	13	3.03	< 10	1	0.11	20	0.64	264
L26W 09+00S	203 238	< 5	1.58	0.2	< 5	630	< 0.5	< 2	0.50	< 0.5	13	55	10	2.16	< 10	< 1	0.38	30	0.58	945
L26W 09+30S	203 238	< 5	2.11	0.2	5	320	< 0.5	2	0.26	< 0.5	12	55	11	2.71	< 10	< 1	0.19	20	0.48	416
L26W 10+00S	203 238	< 5	1.83	0.2	< 5	460	< 0.5	< 2	0.31	0.5	13	60	11	2.41	< 10	< 1	0.18	20	0.57	717
L26W 10+30S	203 238	< 5	1.32	1.4	< 5	230	< 0.5	< 2	0.25	< 0.5	9	43	9	1.93	< 10	< 1	0.19	20	0.40	340
L26W 11+00S	203 238	165	1.06	0.4	< 5	240	< 0.5	2	0.08	< 0.5	2	35	11	1.22	< 10	< 1	0.32	40	0.41	97
L26W 11+30S	203 238	< 5	1.46	0.6	< 5	260	< 0.5	< 2	0.24	0.5	11	52	12	2.10	< 10	< 1	0.16	20	0.45	292
L26W 12+00S	203 238	< 5	1.16	0.4	5	370	< 0.5	< 2	0.21	< 0.5	8	52	14	1.72	< 10	< 1	0.27	30	0.35	180
L26W 12+30S	203 238	< 5	1.65	1.4	5	550	< 0.5	< 2	0.48	< 0.5	12	62	8	2.28	< 10	< 1	0.32	20	0.53	376
L26W 13+00S	203 238	< 5	1.81	0.6	< 5	560	< 0.5	< 2	0.38	< 0.5	13	57	13	2.42	< 10	< 1	0.20	30	0.45	875
L26W 13+30S	203 238	< 5	1.98	0.2	10	780	0.5	< 2	0.38	< 0.5	11	52	12	2.48	< 10	< 1	0.21	30	0.68	612
L26W 14+00S	203 238	< 5	1.28	0.2	20	630	0.5	< 2	0.25	< 0.5	6	47	13	1.76	< 10	< 1	0.24	30	0.39	343
L26W 14+30S	203 238	< 5	1.86	0.8	5	850	0.5	< 2	0.57	0.5	16	50	13	2.70	< 10	< 1	0.27	10	0.71	1545
L26W 15+00S	203 238	< 5	2.21	0.8	< 5	910	1.0	< 2	0.51	0.5	15	72	20	2.92	< 10	< 1	0.25	20	0.67	888
L26W 15+30S	203 238	< 5	2.52	0.2	15	550	0.5	< 2	0.58	< 0.5	12	63	15	2.94	10	< 1	0.15	20	0.65	485
L26W 16+00S	203 238	< 5	1.54	0.2	10	370	0.5	< 2	0.65	< 0.5	7	59	14	1.91	< 10	< 1	0.23	30	0.44	296
L26W 17+00S	203 238	< 5	1.50	0.2	< 5	270	0.5	< 2	0.31	0.5	8	43	18	2.09	< 10	< 1	0.21	20	0.49	219
L26W 17+30S	203 238	< 5	1.65	0.2	25	350	0.5	< 2	0.37	< 0.5	8	51	15	2.28	< 10	< 1	0.15	20	0.47	173
L26W 18+00S	203 238	730	1.49	0.2	25	410	0.5	2	0.42	< 0.5	9	54	18	2.30	< 10	< 1	0.16	20	0.46	307

CERTIFICATION :

*Heidi Buchler*



# 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

1900 - 999 W. HASTINGS ST.  
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V6C 2W2

Project : DAWSON

Comments: ATTN: ART TROUP CC: SPRAY GRUNENBURG

Page No. 2-B

Tot. Pa. 1

Date 24-JUN-87

Invoice # I-8716373

P.O. # ACR-DEL

## CERTIFICATE OF ANALYSIS A8716373

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L26W 20+00S	203 238	< 1	0.02	16	320	10	< 5	< 10	29	0.07	< 10	< 10	43	< 5	64
L26W 20+50S	203 238	< 1	0.01	9	180	14	< 5	< 10	24	0.06	< 10	< 10	35	< 5	50
L26W 21+00S	203 238	< 1	0.01	4	100	20	< 5	< 10	13	0.03	< 10	< 10	15	< 5	37
L26W 21+50S	203 238	< 1	0.01	4	140	8	< 5	< 10	15	0.04	< 10	< 10	24	< 5	37
L26W 00+00S	203 238	< 1	0.01	19	140	8	< 5	< 10	33	0.12	< 10	< 10	65	< 5	49
L26W 00+50S	203 238	< 1	0.01	10	130	26	< 5	< 10	29	0.10	< 10	< 10	38	< 5	71
L26W 01+00S	203 238	< 1	0.01	10	340	28	< 5	< 10	27	0.04	< 10	< 10	26	< 5	73
L26W 01+50S	203 238	< 1	0.01	8	120	6	< 5	< 10	15	0.06	< 10	< 10	35	< 5	39
L26W 02+00S	203 238	< 1	0.01	8	220	16	< 5	< 10	23	0.07	< 10	< 10	39	< 5	54
L26W 02+50S	203 238	< 1	0.01	11	190	16	< 5	< 10	22	0.07	< 10	< 10	38	< 5	67
L26W 03+00S	203 238	< 1	0.01	12	250	14	< 5	< 10	23	0.07	< 10	< 10	40	< 5	53
L26W 03+50S	203 238	< 1	0.01	12	310	10	< 5	< 10	25	0.08	< 10	< 10	42	< 5	56
L26W 04+00S	203 238	< 1	0.01	10	280	10	< 5	< 10	23	0.08	< 10	< 10	36	< 5	53
L26W 04+50S	203 238	< 1	0.01	12	260	14	< 5	< 10	31	0.09	< 10	< 10	40	< 5	54
L26W 05+00S	203 238	< 1	0.01	8	190	10	< 5	< 10	19	0.08	< 10	< 10	33	< 5	43
L26W 05+50S	203 238	< 1	0.01	6	170	16	< 5	< 10	17	0.06	< 10	< 10	28	< 5	38
L26W 06+00S	203 238	< 1	0.01	2	60	10	< 5	< 10	15	0.02	< 10	< 10	14	< 5	28
L26W 06+50S	203 238	< 1	0.01	4	100	10	< 5	< 10	15	0.04	< 10	< 10	21	< 5	28
L26W 07+00S	203 238	< 1	0.01	10	60	12	< 5	< 10	17	0.06	< 10	< 10	38	< 5	38
L26W 07+50S	203 238	< 1	0.01	8	150	24	< 5	< 10	24	0.07	< 10	< 10	41	< 5	69
L26W 08+00S	203 238	< 1	0.01	11	160	6	< 5	< 10	24	0.11	< 10	< 10	63	< 5	45
L26W 08+50S	203 238	< 1	0.02	17	180	14	< 5	< 10	27	0.18	< 10	< 10	69	< 5	60
L26W 09+00S	203 238	< 1	0.01	11	450	8	< 5	< 10	40	0.12	< 10	< 10	42	< 5	108
L26W 09+50S	203 238	< 1	0.01	15	160	12	< 5	< 10	28	0.11	< 10	< 10	58	< 5	70
L26W 10+00S	203 238	< 1	0.01	13	200	16	< 5	< 10	29	0.09	< 10	< 10	51	< 5	83
L26W 10+50S	203 238	< 1	0.01	8	130	10	< 5	< 10	25	0.08	< 10	< 10	43	< 5	46
L26W 11+00S	203 238	< 1	0.01	4	130	12	< 5	< 10	11	0.02	< 10	< 10	14	< 5	46
L26W 11+50S	203 238	< 1	0.01	10	150	30	< 5	< 10	23	0.09	< 10	< 10	45	< 5	60
L26W 12+00S	203 238	< 1	0.01	8	190	20	< 5	< 10	27	0.05	< 10	< 10	33	< 5	50
L26W 12+50S	203 238	< 1	0.01	12	280	6	< 5	< 10	40	0.13	< 10	< 10	40	< 5	56
L26W 13+00S	203 238	< 1	0.02	18	130	14	< 5	< 10	33	0.10	< 10	< 10	51	< 5	53
L26W 13+50S	203 238	< 1	0.01	14	200	20	< 5	< 10	31	0.09	< 10	< 10	52	< 5	57
L26W 14+00S	203 238	< 1	0.01	10	190	38	< 5	< 10	28	0.04	< 10	< 10	27	< 5	49
L26W 14+50S	203 238	< 1	0.01	14	770	16	< 5	< 10	43	0.13	< 10	< 10	45	< 5	84
L26W 15+00S	203 238	< 1	0.01	22	620	20	< 5	< 10	37	0.12	< 10	< 10	56	< 5	88
L26W 15+50S	203 238	< 1	0.01	20	330	20	< 5	< 10	38	0.11	< 10	< 10	65	< 5	70
L26W 16+50S	203 238	< 1	0.01	12	490	30	< 5	< 10	54	0.09	< 10	< 10	30	< 5	68
L26W 17+00S	203 238	< 1	0.01	10	420	26	< 5	< 10	24	0.07	< 10	< 10	30	< 5	67
L26W 17+50S	203 238	< 1	0.01	12	410	16	< 5	< 10	29	0.09	< 10	< 10	45	< 5	56
L26W 18+00S	203 238	< 1	0.01	15	460	18	< 5	< 10	33	0.09	< 10	< 10	44	< 5	59

CERTIFICATION : *Stan Beshler*



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,  
BRITISH COLUMBIA, CANADA V7J-1C1

PHONE (604) 984-0221

To: MARK MANAGEMENT LIMITED

1900 - 999 W. HASTINGS ST.

VANCOUVER, B.C.

V6C 2W2

Project: DAWSON

Comments: ATTN: ART TROUP CC: PERRY ORVINGBURG

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Date 4-JUN-87

Invoice # I-8716373

P.O. # ACR-DEL

## CERTIFICATE OF ANALYSIS A8716373

SAMPLE DESCRIPTION	PREP CODE		As ppb	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
			RUSH																		
L2W 18+50S	203	238	10	0.78	0.2	15	430	< 0.5	< 2	0.22	< 0.5	9	76	9	1.38	< 10	< 1	0.21	20	0.23	860
L2W 19+00S	203	238	10	0.94	0.2	15	500	< 0.5	< 2	0.20	< 0.5	4	47	11	1.34	< 10	< 1	0.45	30	0.21	144
L2W 19+50S	203	238	20	1.03	0.2	20	390	< 0.5	< 2	0.29	< 0.5	8	73	14	2.25	< 10	< 1	0.24	20	0.29	378
L2W 20+00S	203	238	< 5	2.02	0.4	30	830	< 0.5	2	0.87	< 0.5	13	56	29	2.82	< 10	< 1	0.18	30	0.59	838
L2W 20+50S	203	238	< 5	1.13	0.2	20	450	< 0.5	< 2	0.42	< 0.5	8	48	14	1.92	< 10	< 1	0.23	20	0.57	434
L2W 00+00S	203	238	< 5	1.69	0.2	< 5	200	< 0.5	< 2	0.28	< 0.5	9	47	12	2.71	< 10	< 1	0.13	20	0.68	237
L2W 00+50S	203	238	< 5	1.89	0.2	5	260	< 0.5	< 2	0.29	< 0.5	8	65	15	2.54	< 10	< 1	0.14	20	0.58	242
L2W 01+00S	203	238	15	1.70	0.2	25	210	< 0.5	< 2	0.36	< 0.5	8	47	13	2.38	< 10	< 1	0.17	20	0.70	238
L2W 01+50S	203	238	< 5	1.55	0.2	20	210	< 0.5	< 2	0.30	< 0.5	7	55	11	2.00	< 10	< 1	0.17	20	0.65	206
L2W 02+00S	203	238	< 5	1.44	0.2	15	240	< 0.5	4	0.23	< 0.5	6	43	12	1.73	< 10	< 1	0.19	30	0.52	166
L2W 02+50S	203	238	< 5	1.47	0.2	10	230	< 0.5	< 2	0.26	< 0.5	6	47	8	1.73	< 10	< 1	0.18	30	0.50	159
L2W 03+00S	203	238	< 5	1.62	0.2	< 5	270	< 0.5	< 2	0.28	< 0.5	6	47	11	1.86	< 10	< 1	0.22	30	0.56	177
L2W 03+50S	203	238	< 5	1.59	0.2	10	290	< 0.5	< 2	0.30	< 0.5	8	50	13	2.07	< 10	< 1	0.19	30	0.52	250
L2W 04+00S	203	238	10	1.47	0.2	15	320	< 0.5	< 2	0.34	< 0.5	6	42	13	1.66	< 10	< 1	0.23	40	0.52	194
L2W 04+50S	203	238	5	2.05	0.2	5	510	< 0.5	4	0.51	0.5	8	62	16	2.43	< 10	< 1	0.17	30	0.51	219
L2W 05+50S	203	238	< 5	1.37	0.2	10	320	< 0.5	< 2	0.34	< 0.5	9	58	10	2.14	< 10	< 1	0.14	20	0.43	323
L2W 06+00S	203	238	< 5	2.05	0.2	< 5	460	< 0.5	< 2	0.39	0.5	8	48	18	2.65	< 10	< 1	0.15	20	0.51	221
L2W 06+50S	203	238	< 5	2.18	0.6	5	740	< 0.5	< 2	0.59	0.5	12	51	32	2.81	< 10	< 1	0.15	30	0.57	462
L2W 07+00S	203	238	< 5	1.60	0.2	< 5	330	< 0.5	< 2	0.21	< 0.5	7	61	19	2.21	< 10	< 1	0.18	30	0.48	203
L2W 07+50S	203	238	< 5	1.85	0.2	10	310	< 0.5	< 2	0.22	< 0.5	8	47	15	2.43	< 10	< 1	0.16	20	0.53	217
L2W 08+00S	203	238	35	1.74	0.2	15	280	< 0.5	< 2	0.29	< 0.5	8	46	14	2.29	< 10	< 1	0.22	20	0.67	215
L2W 08+50S	203	238	70	1.44	0.2	5	350	< 0.5	< 2	0.34	< 0.5	8	57	15	2.05	< 10	< 1	0.19	40	0.60	191
L2W 09+00S	203	238	20	1.95	0.2	10	380	< 0.5	< 2	0.24	< 0.5	10	66	17	2.81	< 10	< 1	0.21	30	0.64	283
L2W 09+50S	203	238	10	1.92	0.4	10	270	< 0.5	< 2	0.22	< 0.5	8	49	29	2.50	< 10	< 1	0.17	30	0.48	204
L2W 10+00S	203	238	< 5	1.50	0.2	10	280	< 0.5	2	0.14	< 0.5	8	32	11	1.94	< 10	< 1	0.29	30	0.75	258
L2W 10+50S	203	238	< 5	1.06	0.2	10	360	< 0.5	< 2	0.11	< 0.5	6	32	20	1.89	< 10	< 1	0.24	30	0.35	188
L2W 11+00S	203	238	< 5	1.59	0.2	10	330	< 0.5	< 2	0.20	< 0.5	8	46	17	2.41	< 10	< 1	0.18	20	0.44	205
L2W 11+50S	203	238	< 5	1.61	0.2	15	420	< 0.5	< 2	0.29	< 0.5	9	45	15	2.34	< 10	< 1	0.22	20	0.49	291
L2W 12+00S	203	238	< 5	1.95	0.2	10	630	< 0.5	2	0.37	< 0.5	12	47	20	2.71	< 10	< 1	0.21	30	0.55	887
L2W 12+50S	203	238	5	1.59	0.2	10	500	< 0.5	< 2	0.32	< 0.5	6	43	16	2.01	< 10	< 1	0.25	30	0.54	220
L2W 13+00S	203	238	< 5	1.43	0.2	< 5	380	< 0.5	< 2	0.24	< 0.5	6	39	14	1.85	< 10	< 1	0.19	30	0.55	192
L2W 13+50S	203	238	< 5	1.52	0.2	5	330	< 0.5	< 2	0.24	< 0.5	6	45	16	1.97	< 10	< 1	0.22	30	0.63	195
L2W 14+00S	203	238	< 5	1.87	0.2	< 5	330	< 0.5	2	0.35	< 0.5	8	57	16	2.61	< 10	< 1	0.16	20	0.80	254
L2W 14+50S	203	238	< 5	1.73	0.2	< 5	290	< 0.5	2	0.26	< 0.5	8	51	20	2.29	< 10	< 1	0.19	20	0.70	210
L2W 15+00S	203	238	< 5	2.50	0.2	< 5	460	< 0.5	4	0.25	< 0.5	11	62	21	2.98	< 10	< 1	0.17	20	1.11	292
L2W 15+50S	203	238	< 5	3.32	0.4	< 5	430	< 0.5	4	0.28	1.0	14	61	51	4.30	< 10	< 1	0.16	20	1.97	510
L2W 16+00S	203	238	< 5	1.53	1.0	10	570	< 0.5	2	0.11	< 0.5	7	44	30	3.27	< 10	< 1	0.26	20	0.64	291
L2W 16+50S	203	238	< 5	1.83	0.4	10	610	< 0.5	4	0.16	< 0.5	8	47	23	2.91	< 10	< 1	0.16	20	0.85	431
L2W 17+00S	203	238	< 5	1.42	0.2	< 5	570	< 0.5	< 2	0.26	< 0.5	6	39	9	1.82	< 10	< 1	0.17	30	0.45	258
L2W 17+50S	203	238	< 5	1.38	0.2	< 5	510	0.5	2	0.22	< 0.5	5	40	10	1.63	< 10	< 1	0.16	30	0.31	140

CERTIFICATION :

*Hart Buchler*



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

PHONE (604) 984-0221

To: MARK MANAGEMENT LIMITED

1900 - 999 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6C 2W2

Project : DAWSON

Comments : ATTN: ART TROUP CC: PERRY GRUNENBURG

Page No. 2-B

Tot. Pag.

Date 14-JUN-87

Invoice # : I-8716373

P.O. # : ACR-DEL

## CERTIFICATE OF ANALYSIS A8716373

SAMPLE DESCRIPTION	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Se	Sr	Ti	Ti	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
L26W 18+50S	203	238	< 1	0.01	7	360	26	< 5	< 10	17	0.03	< 10	< 10	15	< 5	47
L26W 19+50S	203	238	< 1	0.01	5	260	14	< 5	< 10	19	0.01	< 10	< 10	15	< 5	43
L26W 19+50S	203	238	< 1	0.01	10	490	32	< 5	< 10	27	0.03	< 10	< 10	22	< 5	77
L26W 20+50S	203	238	< 1	0.01	24	770	18	< 5	< 10	68	0.07	< 10	< 10	50	< 5	80
L26W 20+50S	203	238	< 1	0.01	14	630	22	< 5	< 10	32	0.03	< 10	< 10	21	< 5	71
L28W 00+50S	203	238	< 1	0.01	13	180	14	< 5	< 10	33	0.14	< 10	< 10	45	< 5	50
L28W 00+50S	203	238	< 1	0.01	14	180	22	< 5	< 10	30	0.14	< 10	< 10	48	< 5	63
L28W 01+50S	203	238	< 1	0.01	13	190	30	< 5	< 10	35	0.11	< 10	< 10	39	< 5	62
L28W 01+50S	203	238	< 1	0.01	9	230	26	< 5	< 10	29	0.10	< 10	< 10	35	< 5	57
L28W 02+50S	203	238	< 1	0.01	9	120	22	< 5	< 10	23	0.06	10	< 10	28	< 5	48
L28W 02+50S	203	238	< 1	0.01	9	160	24	< 5	< 10	26	0.08	10	< 10	35	< 5	45
L28W 03+50S	203	238	< 1	0.01	11	200	20	< 5	< 10	26	0.08	10	< 10	35	< 5	49
L28W 03+50S	203	238	< 1	0.01	14	300	24	< 5	< 10	26	0.07	10	< 10	36	< 5	59
L28W 04+50S	203	238	< 1	0.01	7	370	22	< 5	< 10	29	0.07	10	< 10	28	< 5	57
L28W 05+50S	203	238	< 1	0.01	13	550	22	< 5	< 10	44	0.09	10	< 10	45	< 5	69
L28W 05+50S	203	238	< 1	0.01	13	460	10	< 5	< 10	29	0.09	10	< 10	41	< 5	56
L28W 06+50S	203	238	< 1	0.02	17	510	16	< 5	< 10	36	0.11	10	< 10	55	< 5	75
L28W 06+50S	203	238	< 1	0.02	24	540	20	< 5	< 10	52	0.10	10	< 10	54	< 5	79
L28W 07+50S	203	238	< 1	0.01	11	210	22	< 5	< 10	21	0.09	10	< 10	40	< 5	50
L28W 07+50S	203	238	< 1	0.01	11	210	14	< 5	< 10	21	0.12	10	< 10	48	< 5	55
L28W 08+50S	203	238	< 1	0.01	13	330	22	< 5	< 10	24	0.10	10	< 10	41	< 5	65
L28W 08+50S	203	238	< 1	0.01	12	180	20	< 5	< 10	29	0.09	10	< 10	35	< 5	56
L28W 09+50S	203	238	< 1	0.01	13	260	18	< 5	< 10	20	0.07	10	< 10	41	< 5	63
L28W 09+50S	203	238	< 1	0.01	15	170	32	< 5	< 10	21	0.08	10	< 10	47	< 5	56
L28W 10+50S	203	238	< 1	< 0.01	9	260	24	< 5	< 10	14	0.06	10	< 10	24	< 5	59
L28W 10+50S	203	238	< 1	0.01	9	200	32	< 5	< 10	20	0.05	10	< 10	25	< 5	45
L28W 11+50S	203	238	< 1	0.01	16	190	22	< 5	< 10	21	0.08	10	< 10	45	< 5	47
L28W 11+50S	203	238	< 1	0.01	12	250	32	< 5	< 10	25	0.09	< 10	< 10	46	< 5	50
L28W 12+50S	203	238	< 1	0.02	21	220	16	< 5	< 10	33	0.10	< 10	< 10	54	< 5	58
L28W 12+50S	203	238	< 1	0.01	12	190	18	< 5	< 10	27	0.07	10	< 10	33	< 5	52
L28W 13+50S	203	238	< 1	0.01	11	170	12	< 5	< 10	21	0.06	< 10	< 10	31	< 5	34
L28W 13+50S	203	238	< 1	0.01	14	140	26	< 5	< 10	22	0.06	< 10	< 10	33	< 5	57
L28W 14+50S	203	238	< 1	0.01	16	270	18	< 5	< 10	28	0.10	< 10	< 10	49	< 5	63
L28W 14+50S	203	238	< 1	0.01	16	180	42	< 5	< 10	21	0.07	< 10	< 10	38	< 5	72
L28W 15+50S	203	238	< 1	0.01	22	160	22	< 5	< 10	26	0.08	< 10	< 10	67	< 5	82
L28W 15+50S	203	238	< 1	0.01	23	330	194	< 5	< 10	22	0.06	10	< 10	83	< 5	262
L28W 16+50S	203	238	< 1	0.01	16	430	56	< 5	< 10	27	0.01	< 10	< 10	32	< 5	86
L28W 16+50S	203	238	< 1	< 0.01	21	320	16	< 5	< 10	19	0.04	< 10	< 10	42	< 5	80
L28W 17+50S	203	238	< 1	0.01	13	130	6	< 5	< 10	21	0.04	10	< 10	31	< 5	56
L28W 17+50S	203	238	< 1	0.01	10	170	18	< 5	< 10	19	0.06	< 10	< 10	34	< 5	37

CERTIFICATION :

*Hart Buchler*



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Page No. 4-A

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Date 24-JUN-87

Invoice #: L-8716373

P.O. #: ACR-DEL

## CERTIFICATE OF ANALYSIS A8716373

SAMPLE DESCRIPTION	PREP CODE	Au	Al	Ag	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
		ppb RUSH	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%
L2W 18+00S	203 238	< 5	1.97	0.2	< 5	640	< 0.5	< 2	0.27	< 0.5	9	46	15	2.43	< 10	< 1	0.18	20	0.42	343
L2W 18+50S	203 238	< 5	1.46	0.2	< 5	410	< 0.5	2	0.12	< 0.5	6	39	9	1.69	< 10	< 1	0.19	20	0.26	112
L2W 19+00S	203 238	< 5	1.46	0.2	10	650	< 0.5	< 2	0.22	< 0.5	6	41	9	1.85	< 10	< 1	0.32	20	0.31	173
L2W 19+50S	203 238	< 5	1.96	0.4	10	610	< 0.5	< 2	0.38	< 0.5	7	31	7	2.58	< 10	< 1	0.18	10	0.39	274
L30W 00+00S	203 238	< 5	1.44	0.2	< 5	150	< 0.5	< 2	0.11	< 0.5	4	37	8	2.11	< 10	< 1	0.13	30	0.30	160
L30W 00+50S	203 238	< 5	2.09	0.4	< 5	260	< 0.5	2	0.19	< 0.5	7	44	18	2.60	< 10	< 1	0.15	30	0.54	279
L30W 01+00S	203 238	< 5	1.18	0.2	< 5	230	< 0.5	5	0.15	< 0.5	5	34	17	1.50	< 10	< 1	0.18	40	0.50	237
L30W 01+50S	203 238	< 5	1.61	0.4	< 5	320	< 0.5	< 2	0.20	< 0.5	5	35	9	1.85	< 10	< 1	0.19	30	0.33	461
L30W 02+00S	203 238	< 5	1.63	0.2	< 5	280	< 0.5	2	0.17	< 0.5	6	34	13	1.86	< 10	< 1	0.18	30	0.42	175
L30W 02+50S	203 238	< 5	1.49	0.2	< 5	270	< 0.5	4	0.17	< 0.5	5	37	12	1.78	< 10	< 1	0.17	30	0.42	160
L30W 03+00S	203 238	< 5	1.14	< 0.2	< 5	320	< 0.5	< 2	0.15	< 0.5	3	40	7	1.27	< 10	< 1	0.23	30	0.27	114
L30W 03+50S	203 238	< 5	0.79	< 0.2	< 5	230	< 0.5	< 2	0.05	< 0.5	2	33	8	0.93	< 10	< 1	0.21	40	0.17	67
L30W 04+00S	203 238	< 5	1.65	0.2	< 5	340	< 0.5	< 2	0.23	< 0.5	6	48	11	2.23	< 10	< 1	0.14	20	0.42	193
L30W 04+50S	203 238	< 5	1.69	< 0.2	< 5	310	< 0.5	< 2	0.22	< 0.5	7	34	13	2.38	< 10	< 1	0.15	20	0.38	290
L30W 05+00S	203 238	10	1.30	0.4	< 5	380	0.5	2	0.22	0.5	4	37	10	1.88	< 10	< 1	0.16	30	0.26	174
L30W 05+50S	203 238	< 5	0.77	0.2	< 5	200	< 0.5	< 2	0.24	< 0.5	3	34	7	0.97	< 10	< 1	0.14	30	0.19	134
L30W 06+00S	203 238	< 5	1.90	0.4	< 5	500	< 0.5	2	0.40	< 0.5	8	48	18	2.07	< 10	< 1	0.22	30	0.46	381
L30W 06+50S	203 238	15	1.90	< 0.2	< 5	470	< 0.5	2	0.37	< 0.5	10	54	16	2.41	< 10	< 1	0.14	20	0.49	359
L30W 07+00S	203 238	15	1.60	< 0.2	< 5	430	< 0.5	< 2	0.43	< 0.5	9	51	17	2.28	< 10	< 1	0.12	20	0.43	319
L30W 07+50S	203 238	5	1.64	0.2	< 5	430	< 0.5	2	0.37	0.5	24	49	22	2.34	< 10	< 1	0.13	20	0.40	1375
L30W 08+00S	203 238	< 5	1.48	0.2	< 5	380	< 0.5	< 2	0.40	< 0.5	8	50	14	2.09	< 10	< 1	0.14	30	0.46	288
L30W 08+50S	203 238	< 5	1.18	0.2	< 5	280	< 0.5	< 2	0.11	< 0.5	8	36	26	2.07	< 10	< 1	0.35	40	0.52	411
L30W 09+00S	203 238	35	1.41	0.2	10	370	< 0.5	< 2	0.32	< 0.5	6	47	13	1.96	< 10	< 1	0.12	20	0.42	196
L30W 09+50S	203 238	215	2.15	0.2	185	370	< 0.5	< 2	0.23	0.5	9	57	18	3.00	< 10	< 1	0.18	20	0.69	257
L30W 10+00S	203 238	< 5	1.63	0.4	5	350	< 0.5	< 2	0.22	< 0.5	6	43	14	2.30	< 10	< 1	0.17	30	0.46	269
L30W 10+50S	203 238	< 5	1.12	0.2	< 5	280	< 0.5	< 2	0.15	< 0.5	7	43	10	1.58	< 10	< 1	0.22	30	0.41	245
L30W 11+00S	203 238	< 5	1.41	0.2	< 5	290	< 0.5	2	0.30	< 0.5	7	48	20	2.16	< 10	< 1	0.16	20	0.51	227
L30W 11+50S	203 238	< 5	1.40	0.2	< 5	320	< 0.5	< 2	0.17	< 0.5	9	33	15	1.84	< 10	< 1	0.30	40	0.88	276
L30W 12+00S	203 238	< 5	1.05	0.4	5	310	< 0.5	< 2	0.11	< 0.5	< 1	42	8	1.26	< 10	< 1	0.26	30	0.28	135
L30W 12+50S	203 238	< 5	1.44	0.2	5	350	< 0.5	< 2	0.20	< 0.5	8	45	16	2.03	< 10	< 1	0.25	40	0.62	203
L30W 13+00S	203 238	< 5	1.25	< 0.2	10	350	< 0.5	< 2	0.20	< 0.5	8	50	11	1.55	< 10	< 1	0.19	30	0.42	168
L30W 13+50S	203 238	< 5	1.47	0.2	< 5	350	0.5	< 2	0.26	< 0.5	8	56	12	1.97	< 10	< 1	0.20	20	0.49	178
L30W 14+00S	203 238	< 5	1.73	0.2	5	410	< 0.5	< 2	0.49	< 0.5	11	56	22	2.64	< 10	< 1	0.19	30	0.58	325
L30W 14+50S	203 238	< 5	1.74	0.2	15	380	< 0.5	< 2	0.39	< 0.5	9	51	13	2.48	< 10	< 1	0.21	20	0.59	239
L30W 15+00S	203 238	< 5	1.94	0.4	20	420	< 0.5	< 2	0.45	< 0.5	11	48	19	2.74	< 10	< 1	0.21	30	0.73	267
L30W 15+50S	203 238	< 5	2.55	0.6	25	310	< 0.5	2	0.28	< 0.5	13	59	28	3.40	< 10	< 1	0.15	20	1.64	410
L30W 16+00S	203 238	15	2.33	2.2	35	400	< 0.5	2	0.24	< 0.5	14	57	39	3.99	< 10	< 1	0.24	20	1.61	501
L30W 00+00S	203 238	< 5	1.59	< 0.2	< 5	210	< 0.5	< 2	0.17	< 0.5	8	38	8	1.89	< 10	< 1	0.20	20	0.41	163
L30W 00+50S	203 238	< 5	2.19	< 0.2	10	270	< 0.5	< 2	0.16	< 0.5	12	42	11	2.70	< 10	< 1	0.11	20	0.48	217
L30W 01+00S	203 238	< 5	2.06	< 0.2	5	280	< 0.5	< 2	0.18	< 0.5	11	42	14	2.68	< 10	< 1	0.09	20	0.44	228

CERTIFICATION :

*Hart Buchler*



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

112 BROOKSBANK AVE., NORTH VANCOUVER,  
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PHONE (604) 984-0221

To: MARK MANAGEMENT LIMITED

1900 - 999 W. HASTINGS ST.

VANCOUVER, B.C.

V6C 2W2

Project: DAWSON

Comments: ATTN: ART TROUP CC: PERRY GRUNENBURG

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Date 14-JUN-87

Invoice #: 1-8716373

P.O. #: ACR-DEL

## CERTIFICATE OF ANALYSIS A8716373

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L28W 18+00S	203 238	< 1	0.01	15	120	16	< 5	< 10	28	0.09	< 10	< 10	50	< 5	54
L28W 18+50S	203 238	< 1	0.01	11	110	14	< 5	< 10	16	0.05	< 10	< 10	35	< 5	39
L28W 19+00S	203 238	< 1	0.01	10	110	12	< 5	< 10	24	0.05	10	< 10	34	< 5	44
L28W 19+50S	203 238	< 1	< 0.01	11	220	10	5	< 10	34	0.06	< 10	< 10	28	< 5	94
L30W 00+00S	203 238	< 1	< 0.01	10	260	16	< 5	< 10	11	0.05	< 10	< 10	36	< 5	44
L30W 00+50S	203 238	< 1	0.01	17	170	68	< 5	< 10	18	0.07	< 10	< 10	46	< 5	76
L30W 01+00S	203 238	< 1	< 0.01	8	100	32	< 5	< 10	15	0.04	10	< 10	19	< 5	68
L30W 01+50S	203 238	< 1	0.01	8	290	26	< 5	< 10	17	0.06	< 10	< 10	39	< 5	61
L30W 02+00S	203 238	< 1	< 0.01	10	150	34	< 5	< 10	16	0.06	< 10	< 10	30	< 5	49
L30W 02+50S	203 238	< 1	0.01	10	100	20	< 5	< 10	16	0.07	< 10	< 10	32	< 5	48
L30W 03+00S	203 238	< 1	< 0.01	6	130	14	< 5	< 10	16	0.04	10	< 10	24	< 5	35
L30W 03+50S	203 238	< 1	< 0.01	4	90	10	< 5	< 10	8	0.02	10	< 10	12	< 5	27
L30W 04+00S	203 238	< 1	0.01	12	170	24	< 5	< 10	22	0.08	< 10	< 10	45	< 5	48
L30W 04+50S	203 238	< 1	0.01	16	450	24	< 5	< 10	20	0.07	< 10	< 10	43	< 5	61
L30W 05+00S	203 238	< 1	< 0.01	10	340	34	< 5	< 10	20	0.05	< 10	< 10	34	< 5	61
L30W 05+50S	203 238	< 1	0.01	7	130	34	< 5	< 10	21	0.04	10	< 10	18	< 5	36
L30W 06+00S	203 238	< 1	0.01	14	490	36	< 5	< 10	36	0.07	10	< 10	39	< 5	64
L30W 06+50S	203 238	< 1	0.01	16	470	16	< 5	< 10	32	0.09	< 10	< 10	49	< 5	59
L30W 07+00S	203 238	< 1	0.01	14	520	16	< 5	< 10	34	0.10	< 10	< 10	52	< 5	57
L30W 07+50S	203 238	< 1	0.01	14	530	22	< 5	< 10	32	0.09	< 10	< 10	47	< 5	58
L30W 08+00S	203 238	< 1	0.01	13	330	12	< 5	< 10	33	0.11	< 10	< 10	44	< 5	52
L30W 08+50S	203 238	< 1	< 0.01	7	450	18	< 5	< 10	13	0.07	10	< 10	20	< 5	82
L30W 09+00S	203 238	< 1	0.01	13	220	20	< 5	< 10	26	0.09	< 10	< 10	40	< 5	46
L30W 09+50S	203 238	< 1	0.01	17	220	20	< 5	< 10	25	0.08	< 10	< 10	55	< 5	68
L30W 10+00S	203 238	< 1	0.01	10	190	20	< 5	< 10	24	0.10	< 10	< 10	50	< 5	49
L30W 10+50S	203 238	< 1	0.01	6	240	24	< 5	< 10	17	0.06	10	< 10	26	< 5	47
L30W 11+00S	203 238	< 1	0.01	17	310	30	< 5	< 10	23	0.11	10	< 10	39	< 5	65
L30W 11+50S	203 238	< 1	0.01	6	230	32	< 5	< 10	15	0.05	< 10	< 10	10	5	92
L30W 12+00S	203 238	< 1	0.01	6	170	22	< 5	< 10	11	0.03	< 10	< 10	19	< 5	47
L30W 12+50S	203 238	< 1	0.01	10	270	24	< 5	< 10	19	0.04	< 10	< 10	28	< 5	81
L30W 13+00S	203 238	< 1	0.02	6	180	24	< 5	< 10	21	0.07	< 10	< 10	28	5	44
L30W 13+50S	203 238	< 1	0.01	7	190	24	< 5	< 10	25	0.08	< 10	< 10	39	5	52
L30W 14+00S	203 238	< 1	0.02	16	600	8	< 5	< 10	35	0.08	< 10	< 10	44	5	63
L30W 14+50S	203 238	< 1	0.01	11	330	10	< 5	< 10	30	0.10	< 10	< 10	40	5	58
L30W 15+00S	203 238	< 1	0.01	12	650	8	< 5	< 10	31	0.06	< 10	< 10	46	5	66
L30W 15+50S	203 238	< 1	0.01	21	390	28	< 5	< 10	32	0.06	< 10	< 10	59	< 5	120
L30W 16+00S	203 238	< 2	0.01	25	650	88	< 5	< 10	43	< 0.01	< 10	< 10	48	5	184
L32W 00+00S	203 238	< 1	0.01	5	140	10	< 5	< 10	19	0.08	< 10	< 10	42	< 5	39
L32W 00+50S	203 238	< 1	0.01	11	150	20	< 5	< 10	20	0.10	< 10	< 10	57	5	52
L32W 01+00S	203 238	< 1	0.01	13	130	8	< 5	< 10	21	0.11	< 10	< 10	62	< 5	44

CERTIFICATION :

*Art Troup*



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers  
 212 BROOKSBANK AVE., NORTH VANCOUVER,  
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To: MARK MANAGEMENT LIMITED

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Project : DAWSON

Comments: ATTN: ART TROUP CC: PERRY GRUNENBURG

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 Tot. Page 1  
 Date 24-JUN-87  
 Invoice #: I-8716373  
 P.O. #: ACR-DEL

## CERTIFICATE OF ANALYSIS A8716373

SAMPLE DESCRIPTION	PREP CODE		Au ppb	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
			RUSH	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%
L32W 01+50S	203	238	< 5	1.49	0.4	5	290	< 0.5	< 2	0.12	1.0	3	95	7	1.61	< 10	< 1	0.19	20	0.28	216
L32W 02+00S	203	238	< 5	2.26	0.6	10	410	< 0.5	< 2	0.13	< 0.5	10	37	11	2.73	< 10	< 1	0.11	20	0.55	217
L32W 02+50S	203	238	< 5	1.21	0.4	10	450	< 0.5	< 2	0.08	< 0.5	< 1	72	13	1.77	< 10	< 1	0.25	40	0.25	167
L32W 03+00S	203	238	< 5	1.12	0.4	5	390	< 0.5	< 2	0.12	< 0.5	< 1	41	4	1.47	< 10	< 1	0.16	20	0.20	154
L32W 03+50S	203	238	< 5	1.74	0.2	5	370	< 0.5	2	0.16	< 0.5	10	45	14	2.13	< 10	1	0.14	30	0.39	171
L32W 04+00S	203	238	< 5	1.60	0.2	< 5	430	< 0.5	< 2	0.22	< 0.5	9	56	10	1.99	< 10	< 1	0.19	30	0.39	210
L32W 04+50S	203	238	< 5	1.71	0.2	< 5	280	< 0.5	2	0.20	< 0.5	8	44	15	2.05	< 10	< 1	0.16	30	0.47	145
L32W 05+00S	203	238	< 5	1.40	0.2	5	590	< 0.5	< 2	0.18	< 0.5	9	50	11	1.60	< 10	1	0.20	30	0.34	215
L32W 05+50S	203	238	< 5	2.13	1.4	< 5	900	< 0.5	< 2	0.57	< 0.5	13	60	23	2.48	< 10	1	0.36	50	0.69	639
L32W 06+00S	203	238	< 5	2.21	0.6	10	730	0.5	2	0.40	< 0.5	13	55	19	2.81	< 10	1	0.25	50	0.55	886
L32W 06+50S	203	238	< 5	2.19	1.0	< 5	570	0.5	< 2	0.43	< 0.5	13	57	33	2.76	< 10	< 1	0.25	90	0.52	699
L32W 07+00S	203	238	< 5	2.78	1.6	< 5	740	0.5	< 2	0.61	< 0.5	13	59	35	3.47	< 10	< 1	0.35	70	0.73	814
L32W 07+50S	203	238	< 5	1.68	0.2	< 5	650	< 0.5	2	0.45	< 0.5	11	41	15	2.00	< 10	< 1	0.27	30	0.69	309
L32W 08+00S	203	238	< 5	1.26	0.2	5	390	< 0.5	< 2	0.14	< 0.5	7	92	32	2.01	< 10	< 1	0.40	40	0.38	170
L32W 09+00S	203	238	< 5	1.52	0.2	5	270	< 0.5	< 2	0.25	< 0.5	9	50	14	2.15	< 10	1	0.12	20	0.44	182
L32W 09+50S	203	238	< 5	1.50	0.2	5	310	< 0.5	< 2	0.28	< 0.5	10	86	14	2.10	< 10	< 1	0.13	20	0.44	197
L32W 10+00S	203	238	< 5	1.67	0.2	10	280	< 0.5	< 2	0.22	< 0.5	13	46	15	2.42	< 10	< 1	0.11	20	0.49	248
L32W 10+50S	203	238	< 5	1.07	0.2	< 5	270	< 0.5	< 2	0.20	< 0.5	8	51	9	1.59	< 10	< 1	0.11	20	0.34	155
L32W 11+00S	203	238	< 5	1.38	0.2	5	290	< 0.5	< 2	0.16	< 0.5	8	45	10	1.93	< 10	< 1	0.13	20	0.40	187
L32W 11+50S	203	238	< 5	1.49	0.2	< 5	340	0.5	< 2	0.21	< 0.5	8	57	11	1.96	< 10	< 1	0.17	20	0.52	184
L32W 12+00S	203	238	< 5	1.54	0.2	< 5	350	< 0.5	< 2	0.26	< 0.5	10	51	13	2.07	< 10	< 1	0.19	30	0.48	234
L32W 12+50S	203	238	< 5	1.74	0.4	< 5	350	< 0.5	< 2	0.26	< 0.5	10	65	16	2.33	< 10	< 1	0.20	30	0.81	263
L32W 13+00S	203	238	< 5	2.15	0.2	15	340	< 0.5	2	0.27	< 0.5	11	58	18	2.91	< 10	< 1	0.19	20	1.10	346
L32W 13+50S	203	238	< 5	2.04	1.0	25	410	< 0.5	2	0.12	< 0.5	12	71	36	3.96	< 10	< 1	0.25	20	1.16	283
L32W 14+00S	203	238	< 5	2.62	0.6	10	400	< 0.5	< 2	0.21	0.5	12	67	31	3.50	< 10	< 1	0.20	30	1.73	436
L34W 00+00S	203	238	< 5	1.80	0.2	5	380	< 0.5	< 2	0.23	< 0.5	9	54	17	2.22	< 10	< 1	0.16	20	0.42	186
L34W 00+50S	203	238	< 5	1.69	0.2	5	390	< 0.5	< 2	0.25	< 0.5	7	64	11	1.74	< 10	< 1	0.19	20	0.34	140
L34W 01+00S	203	238	< 5	0.95	0.2	< 5	380	< 0.5	< 2	0.15	< 0.5	6	48	9	0.97	< 10	< 1	0.29	50	0.31	107
L34W 01+50S	203	238	< 5	1.04	0.4	< 5	400	< 0.5	2	0.19	< 0.5	6	64	8	1.24	< 10	< 1	0.23	30	0.24	138
L34W 02+00S	203	238	< 5	1.67	0.2	< 5	280	< 0.5	< 2	0.12	< 0.5	7	48	11	1.91	< 10	< 1	0.17	20	0.36	132
L34W 02+50S	203	238	< 5	1.26	0.2	< 5	370	< 0.5	< 2	0.12	< 0.5	5	52	11	1.34	< 10	< 1	0.19	20	0.22	100
L34W 03+00S	203	238	< 5	2.42	0.2	10	440	< 0.5	< 2	0.23	< 0.5	11	50	14	3.90	< 10	1	0.14	20	0.51	230
L34W 03+50S	203	238	< 5	1.75	0.4	< 5	290	< 0.5	< 2	0.16	< 0.5	8	43	9	2.48	< 10	< 1	0.16	20	0.32	201
L34W 04+00S	203	238	< 20	1.46	0.2	5	310	< 0.5	< 2	0.22	< 0.5	8	60	9	2.14	< 10	< 1	0.18	20	0.54	220
L34W 04+50S	203	238	< 5	1.68	0.6	< 5	580	< 0.5	< 2	0.43	< 0.5	10	55	9	2.29	< 10	< 1	0.22	20	0.58	271
L34W 05+00S	203	238	< 5	2.16	0.6	5	780	< 0.5	< 2	0.41	< 0.5	16	67	13	2.99	< 10	< 1	0.32	30	0.75	460
L34W 05+50S	203	238	< 5	2.19	0.6	5	710	< 0.5	< 2	0.47	< 0.5	11	66	15	2.61	< 10	< 1	0.28	20	0.71	501
L34W 06+00S	203	238	< 5	1.85	0.6	< 5	530	< 0.5	< 2	0.58	< 0.5	14	67	13	2.64	< 10	< 1	0.47	30	0.69	757
L34W 06+50S	203	238	< 5	1.55	0.2	< 5	440	< 0.5	< 2	0.21	< 0.5	8	50	7	1.90	< 10	1	0.15	20	0.38	253
L34W 07+00S	203	238	< 5	1.60	0.4	< 5	470	< 0.5	< 2	0.26	< 0.5	12	62	7	2.02	< 10	< 1	0.15	20	0.38	526

CERTIFICATION : Stuart Buchler



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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Project: DAWSON

Comments: ATTN: ART TROUP CC: PERRY GRUNENBURG

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## CERTIFICATE OF ANALYSIS A8716373

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sr ppm	Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
L32W 01+50S	203 238	< 1	0.01	6	270	22	< 5	< 10	13	0.03	< 10	< 10	29	< 5	62
L32W 02+00S	203 238	< 1	0.01	11	180	10	< 5	< 10	15	0.08	< 10	< 10	51	< 5	68
L32W 02+50S	203 238	< 1	0.01	6	200	14	< 5	< 10	11	0.01	< 10	< 10	19	< 5	57
L32W 03+00S	203 238	< 1	0.01	4	140	12	< 5	< 10	14	0.04	< 10	< 10	27	< 5	36
L32W 03+50S	203 238	< 1	0.01	11	80	24	< 5	< 10	20	0.07	< 10	< 10	43	< 5	46
L32W 04+00S	203 238	< 1	0.01	10	160	22	< 5	< 10	23	0.07	< 10	< 10	41	< 5	45
L32W 04+50S	203 238	< 1	0.01	11	110	10	< 5	< 10	21	0.09	< 10	< 10	41	< 5	41
L32W 05+00S	203 238	< 1	0.01	10	80	22	< 5	< 10	20	0.05	< 10	< 10	32	< 5	39
L32W 05+50S	203 238	< 1	0.01	15	400	72	< 5	< 10	46	0.06	< 10	< 10	38	< 5	95
L32W 06+00S	203 238	1	0.01	17	210	24	< 5	< 10	36	0.10	< 10	< 10	55	< 5	71
L32W 06+50S	203 238	< 1	0.01	24	300	60	< 5	< 10	36	0.09	< 10	< 10	57	< 5	68
L32W 07+00S	203 238	< 1	0.02	21	200	48	< 5	< 10	45	0.10	< 10	< 10	60	5	75
L32W 07+50S	203 238	< 1	0.01	11	180	22	< 5	< 10	32	0.08	< 10	< 10	28	< 5	56
L32W 08+00S	203 238	< 1	0.02	10	300	82	< 5	< 10	50	0.03	< 10	< 10	13	< 5	96
L32W 09+00S	203 238	< 1	0.01	12	250	14	< 5	< 10	22	0.09	< 10	< 10	41	< 5	55
L32W 09+50S	203 238	< 1	0.01	12	340	12	< 5	< 10	26	0.08	< 10	< 10	41	< 5	55
L32W 10+00S	203 238	< 1	0.01	13	180	14	< 5	< 10	20	0.10	< 10	< 10	42	< 5	52
L32W 10+50S	203 238	< 1	0.01	10	190	12	< 5	10	18	0.08	< 10	< 10	30	< 5	39
L32W 11+00S	203 238	< 1	0.01	10	140	14	< 5	10	17	0.07	< 10	< 10	38	< 5	39
L32W 11+50S	203 238	< 1	0.01	12	160	10	< 5	10	19	0.07	< 10	< 10	40	< 5	44
L32W 12+00S	203 238	< 1	0.01	11	190	12	< 5	10	24	0.08	< 10	< 10	40	< 5	48
L32W 12+50S	203 238	< 1	0.01	13	260	10	< 5	< 10	24	0.07	< 10	< 10	42	< 5	60
L32W 13+00S	203 238	< 1	0.01	15	400	6	< 5	< 10	28	0.07	< 10	< 10	53	< 5	86
L32W 13+50S	203 238	< 1	0.01	18	430	46	< 5	10	45	0.02	< 10	< 10	44	< 5	126
L32W 14+00S	203 238	< 1	0.01	25	430	38	< 5	10	30	0.03	< 10	< 10	57	< 5	124
L34W 00+00S	203 238	< 1	0.01	14	210	20	< 5	10	24	0.08	< 10	< 10	48	< 5	50
L34W 00+50S	203 238	< 1	0.01	8	180	14	< 5	10	28	0.07	< 10	< 10	41	< 5	45
L34W 01+00S	203 238	< 1	< 0.01	6	100	18	< 5	< 10	22	0.04	< 10	< 10	14	< 5	44
L34W 01+50S	203 238	< 1	0.01	6	240	12	< 5	< 10	25	0.04	< 10	< 10	26	< 5	44
L34W 02+00S	203 238	< 1	0.01	12	90	16	< 5	< 10	15	0.06	< 10	< 10	36	< 5	42
L34W 02+50S	203 238	< 1	0.01	6	130	34	< 5	10	15	0.05	< 10	< 10	34	< 5	39
L34W 03+00S	203 238	< 1	0.01	15	250	6	< 5	10	20	0.12	< 10	< 10	62	< 5	63
L34W 03+50S	203 238	< 1	0.01	9	280	22	< 5	< 10	17	0.07	< 10	< 10	58	< 5	57
L34W 04+00S	203 238	< 1	0.01	8	140	24	< 5	< 10	14	0.10	< 10	< 10	21	< 5	54
L34W 04+50S	203 238	< 1	0.01	12	370	6	< 5	10	29	0.19	< 10	< 10	33	< 5	71
L34W 05+00S	203 238	< 1	0.01	13	450	8	< 5	10	32	0.12	< 10	< 10	46	< 5	92
L34W 05+50S	203 238	< 1	0.01	16	240	18	< 5	10	37	0.13	< 10	< 10	44	< 5	83
L34W 06+00S	203 238	< 1	0.02	15	300	6	< 5	< 10	49	0.12	< 10	< 10	48	< 5	66
L34W 06+50S	203 238	< 1	0.01	11	140	4	< 5	< 10	19	0.07	< 10	< 10	39	< 5	53
L34W 07+00S	203 238	< 1	0.02	13	130	8	< 5	10	23	0.08	< 10	< 10	44	< 5	62

CERTIFICATION :

*Heidi Buchler*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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To: MARK MANAGEMENT LIMITED

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Project: DAWSON

Comments: ATTN: ART TROUP CC: PERRY GRUNENBURG

Page No. 6-A

Tel. Page

Date 14-JUN-87

Invoice # 1-8716373

P.O. # ACR-DEL

## CERTIFICATE OF ANALYSIS A8716373

SAMPLE DESCRIPTION	PREP CODE	Au ppb RUSH	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
L34W 07+50S	203 238	40	1.25	0.8	< 5	640	< 0.5	< 2	0.30	< 0.5	9	62	8	1.58	< 10	< 1	0.30	30	0.33	345
L34W 08+50S	203 238	5	1.90	0.4	< 5	610	< 0.5	< 2	0.45	< 0.5	12	78	13	2.41	< 10	< 1	0.33	20	0.73	333
L34W 08+50S	203 238	< 5	1.73	0.6	< 5	660	< 0.5	< 2	0.50	0.5	12	72	17	2.32	< 10	< 1	0.38	30	0.54	624
L34W 09+50S	203 238	10	0.51	0.8	< 5	280	< 0.5	< 2	1.37	0.5	5	58	10	0.83	< 10	< 1	0.12	20	0.32	92
L34W 09+50S	203 238	10	2.68	0.2	15	470	< 0.5	< 2	0.78	< 0.5	24	82	24	5.42	< 10	< 1	0.16	30	1.37	862
L34W 10+50S	203 238	< 5	1.03	0.2	10	290	< 0.5	< 2	0.12	< 0.5	7	123	8	1.43	< 10	< 1	0.29	40	0.26	294
L34W 10+50S	203 238	60	1.70	0.2	5	340	< 0.5	< 2	0.20	< 0.5	9	49	11	2.31	< 10	< 1	0.17	20	0.45	187
L34W 11+50S	203 238	65	2.07	0.6	15	360	< 0.5	< 2	0.27	< 0.5	11	82	24	2.87	< 10	< 1	0.18	20	1.03	333
L34W 11+50S	203 238	< 5	1.92	0.2	10	330	< 0.5	< 2	0.25	< 0.5	11	59	16	2.58	< 10	< 1	0.18	20	0.75	337
L34W 12+50S	203 238	< 5	1.87	1.2	< 5	450	< 0.5	< 2	0.34	0.5	11	80	21	2.53	< 10	< 1	0.22	20	0.71	562
L34W 12+50S	203 238	120	1.85	0.6	10	410	< 0.5	< 2	0.35	< 0.5	11	60	19	2.52	< 10	< 1	0.19	30	0.77	272
L34W 13+50S	203 238	< 5	2.62	0.2	35	330	< 0.5	< 2	0.44	< 0.5	17	102	27	3.41	< 10	< 1	0.24	30	1.61	485
L36W 0-42S	203 238	< 5	2.11	0.2	15	310	< 0.5	< 2	0.17	< 0.5	11	54	11	2.79	< 10	< 1	0.15	20	0.35	262
L36W 00+50S	203 238	< 5	1.47	0.2	< 5	360	< 0.5	< 2	0.20	< 0.5	7	80	13	1.80	< 10	< 1	0.15	20	0.31	164
L36W 00+50S	203 238	< 5	1.73	0.4	< 5	460	< 0.5	< 2	0.27	< 0.5	11	47	15	2.17	< 10	< 1	0.15	30	0.46	225
L36W 01+50S	203 238	< 5	1.69	0.2	< 5	300	< 0.5	< 2	0.23	< 0.5	9	61	12	2.19	< 10	< 1	0.14	20	0.30	202
L36W 01+50S	203 238	< 5	1.98	0.4	15	440	< 0.5	< 2	0.27	< 0.5	11	67	16	2.49	< 10	< 1	0.20	20	0.50	369
L36W 02+50S	203 238	30	1.49	0.4	< 5	480	< 0.5	< 2	0.30	< 0.5	8	84	10	1.77	< 10	< 1	0.22	30	0.50	185
L36W 02+50S	203 238	< 5	1.42	0.2	< 5	490	< 0.5	< 2	0.26	< 0.5	9	76	11	1.80	< 10	< 1	0.18	30	0.38	373
L36W 03+50S	203 238	< 5	1.43	0.6	< 5	350	< 0.5	< 2	0.20	< 0.5	9	59	9	1.86	< 10	< 1	0.18	20	0.37	359
L36W 03+50S	203 238	< 5	1.79	0.6	10	450	< 0.5	< 2	0.26	< 0.5	10	76	13	2.28	< 10	< 1	0.21	30	0.54	325
L36W 04+50S	203 238	< 5	1.82	0.2	< 5	290	< 0.5	< 2	0.48	0.5	11	100	23	2.78	< 10	< 1	0.24	30	0.83	397
L36W 04+50S	203 238	< 5	1.33	0.2	< 5	240	< 0.5	< 2	0.16	< 0.5	7	47	10	1.98	< 10	< 1	0.15	20	0.35	148
L36W 05+50S	203 238	< 5	2.15	0.6	10	300	< 0.5	< 2	0.16	< 0.5	11	69	18	2.95	< 10	< 1	0.18	20	0.43	296
L36W 05+50S	203 238	40	1.31	0.6	45	330	< 0.5	< 2	0.12	< 0.5	6	59	14	1.75	< 10	< 1	0.29	30	0.37	125
L36W 06+50S	203 238	< 5	2.39	0.4	35	400	< 0.5	< 2	0.35	< 0.5	13	72	21	3.66	< 10	< 1	0.20	20	1.18	428
L36W 06+50S	203 238	< 5	1.84	0.8	< 5	450	< 0.5	< 2	0.24	< 0.5	11	63	15	2.74	< 10	< 1	0.20	20	0.75	615
L36W 07+50S	203 238	145	1.76	1.2	< 5	340	< 0.5	2	0.24	< 0.5	8	65	10	2.27	< 10	< 1	0.15	20	0.51	436
L36W 07+50S	203 238	10	2.32	1.6	45	650	0.5	4	0.36	0.5	17	111	31	3.24	< 10	< 1	0.23	30	1.28	883
L36W 08+50S	203 238	< 5	1.26	0.8	< 5	680	< 0.5	< 2	0.37	< 0.5	6	83	9	1.90	< 10	< 1	0.18	20	0.38	254
L36W 08+50S	203 238	< 5	1.30	0.6	< 5	590	0.5	< 2	0.38	< 0.5	10	67	12	2.35	< 10	< 1	0.30	20	0.58	607
L36W 09+50S	203 238	< 5	1.25	0.6	< 5	770	0.5	< 2	0.28	0.5	5	131	9	1.53	< 10	< 1	0.29	40	0.28	539
L36W 09+50S	203 238	< 5	1.24	0.4	< 5	720	0.5	< 2	0.32	< 0.5	6	62	7	1.73	< 10	< 1	0.27	30	0.38	529
L36W 10+50S	203 238	5	1.29	0.6	< 5	730	0.5	2	0.49	< 0.5	7	114	10	1.70	< 10	< 1	0.26	30	0.41	677
L36W 10+50S	203 238	25	1.45	0.6	10	990	0.5	2	1.61	0.5	9	54	32	2.00	10	< 1	0.23	30	0.58	812
L36W 11+50S	203 238	35	1.72	0.2	< 5	330	< 0.5	< 2	0.38	0.5	12	118	19	2.67	< 10	< 1	0.26	20	0.66	316
L36W 11+50S	203 238	< 5	1.91	0.8	< 5	440	< 0.5	< 2	0.43	1.0	12	75	18	2.56	< 10	< 1	0.19	20	0.68	595
L36W 00+50S	203 238	< 5	2.49	0.6	< 5	740	0.5	< 2	0.29	0.5	6	61	22	2.66	< 10	< 1	0.21	30	0.43	172
L36W 00+50S	203 238	15	1.66	0.2	< 5	340	< 0.5	< 2	0.21	0.5	5	63	10	2.00	< 10	< 1	0.15	20	0.38	159
L36W 01+50S	203 238	< 5	1.38	0.2	< 5	280	< 0.5	2	0.20	< 0.5	5	67	9	1.70	< 10	< 1	0.13	20	0.43	149

CERTIFICATION:

*Hart Buchler*



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Analytical Chemists • Geochemists • Registered Assayers

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Project: DAWSON

Comments: ATTN: ART TROUP CC: PERRY GRUENBURG

Page No. 3 of 3

Tot. Pages

Date: JUN-87

Invoice #: 1-8716373

P.O. # AOR-DEL

## CERTIFICATE OF ANALYSIS A8716373

SAMPLE DESCRIPTION	PREP CODE		Mo	Nb	Ni	P	Pb	Sb	Se	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
L14W 07+50S	203	238	< 1	0.01	10	170	18	< 5	< 10	25	0.04	< 10	< 10	29	< 5	66
L14W 08+50S	203	238	< 1	0.01	17	330	12	< 5	< 10	35	0.08	< 10	< 10	45	< 5	83
L14W 08+50S	203	238	< 1	0.02	13	320	42	< 5	< 10	37	0.06	< 10	< 10	35	< 5	68
L14W 09+50S	203	238	< 1	0.01	5	320	8	< 5	10	98	0.03	< 10	< 10	13	< 5	42
L14W 09+50S	203	238	< 1	0.04	26	1330	10	< 5	10	56	0.13	< 10	< 10	88	< 5	93
L14W 10+50S	203	238	< 1	0.01	7	340	14	< 5	< 10	11	0.03	< 10	< 10	22	< 5	48
L14W 10+50S	203	238	< 1	0.02	12	180	14	< 5	< 10	20	0.08	< 10	< 10	42	< 5	30
L14W 11+50S	203	238	< 1	0.01	18	320	14	< 5	20	23	0.07	< 10	< 10	50	< 5	83
L14W 11+50S	203	238	< 1	0.01	12	240	14	< 5	< 10	23	0.10	< 10	< 10	45	< 5	61
L14W 12+50S	203	238	< 1	0.01	15	470	20	< 5	10	28	0.09	< 10	< 10	44	< 5	74
L14W 12+50S	203	238	< 1	0.02	18	430	12	< 5	10	33	0.06	< 10	< 10	44	< 5	76
L14W 13+50S	203	238	< 1	0.01	26	660	28	< 5	< 10	29	0.04	< 10	< 10	57	< 5	133
L14W 0-42S	203	238	< 1	0.01	12	320	16	< 5	10	20	0.09	< 10	< 10	64	< 5	51
L14W 00+50S	203	238	< 1	0.02	12	200	12	< 5	10	24	0.07	< 10	< 10	39	< 5	43
L14W 00+50S	203	238	< 1	0.01	13	320	20	< 5	10	30	0.06	< 10	< 10	40	< 5	57
L14W 01+50S	203	238	< 1	0.01	10	130	6	< 5	< 10	23	0.07	< 10	< 10	44	< 5	52
L14W 01+50S	203	238	< 1	0.01	13	310	10	< 5	< 10	28	0.08	< 10	< 10	48	< 5	69
L14W 02+50S	203	238	< 1	0.01	8	230	14	< 5	10	32	0.06	< 10	< 10	32	< 5	66
L14W 02+50S	203	238	< 1	0.01	10	210	14	< 5	10	28	0.06	< 10	< 10	34	< 5	48
L14W 03+50S	203	238	< 1	0.01	10	180	10	< 5	30	21	0.06	< 10	< 10	37	< 5	48
L14W 03+50S	203	238	< 1	0.01	11	290	22	< 5	10	25	0.07	< 10	< 10	44	< 5	66
L14W 04+50S	203	238	< 1	0.01	16	340	22	< 5	< 10	37	0.08	< 10	< 10	49	< 5	91
L14W 04+50S	203	238	< 1	0.01	10	150	18	< 5	10	17	0.07	< 10	< 10	42	< 5	52
L14W 05+50S	203	238	< 1	0.01	21	290	34	< 5	20	18	0.08	< 10	< 10	58	< 5	68
L14W 05+50S	203	238	< 1	0.01	7	230	22	< 5	20	17	0.05	< 10	< 10	25	< 5	59
L14W 06+50S	203	238	< 1	0.02	24	610	8	< 5	20	25	0.09	< 10	< 10	52	< 5	84
L14W 06+50S	203	238	< 1	0.01	16	220	10	< 5	10	22	0.10	< 10	< 10	51	< 5	75
L14W 07+50S	203	238	< 1	0.01	11	290	10	< 5	< 10	21	0.07	< 10	< 10	50	< 5	59
L14W 07+50S	203	238	< 1	0.01	31	490	12	< 5	< 10	30	0.03	< 10	< 10	61	< 5	128
L14W 08+50S	203	238	< 1	0.01	12	200	8	< 5	< 10	26	0.07	< 10	< 10	38	< 5	41
L14W 08+50S	203	238	< 1	0.01	13	360	12	< 5	< 10	27	0.09	< 10	< 10	36	< 5	56
L14W 09+50S	203	238	< 1	0.01	9	260	18	< 5	< 10	21	0.04	10	< 10	24	< 5	30
L14W 09+50S	203	238	< 1	0.01	8	220	14	< 5	< 10	25	0.05	10	< 10	31	< 5	39
L14W 10+50S	203	238	< 1	0.01	9	250	18	< 5	< 10	37	0.06	10	< 10	27	< 5	39
L14W 10+50S	203	238	< 1	0.01	22	630	12	< 5	< 10	131	0.06	10	< 10	32	< 5	51
L14W 11+50S	203	238	< 1	0.01	13	610	16	< 5	< 10	27	0.08	< 10	< 10	37	< 5	83
L14W 11+50S	203	238	< 1	0.01	15	490	16	< 5	< 10	34	0.07	< 10	< 10	49	< 5	86
L14W 00+50S	203	238	< 1	0.01	14	530	24	< 5	< 10	33	0.08	10	< 10	48	< 5	71
L14W 00+50S	203	238	< 1	0.01	9	190	16	< 5	< 10	21	0.08	10	< 10	41	< 5	44
L14W 01+50S	203	238	< 1	0.01	7	160	14	< 5	< 10	20	0.07	< 10	< 10	33	< 5	46

CERTIFICATION :

*Robert Buchler*



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

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Project: DAWSON

Comments: ATTN: ART TROUP CC: PERRY GRUNENBURG

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Tot. Pag

Date 14-JUN-87

Invoice #: I-8716373

P.O. #: ACR-DEL

## CERTIFICATE OF ANALYSIS A8716373

SAMPLE DESCRIPTION	PREP CODE	As ppb RUSH	Al %	Ag ppm	Au ppm	Ba ppm	Be ppm	Bi ppm	Cu %	Cd ppm	Co ppm	Cr ppm	Cs ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
LJ8W 01+50S	203 238	< 5	1.39	0.2	< 5	320	0.5	2	0.21	< 0.5	5	49	12	1.74	< 10	< 1	0.17	20	0.35	155
LJ8W 02+00S	203 238	< 5	1.69	0.4	< 5	490	0.5	< 2	0.22	< 0.5	6	64	14	2.08	< 10	< 1	0.24	20	0.41	202
LJ8W 02+50S	203 238	< 5	1.64	0.4	< 5	360	< 0.5	< 2	0.26	< 0.5	7	46	15	2.41	< 10	< 1	0.22	20	0.66	300
LJ8W 03+00S	203 238	< 5	1.23	0.2	< 5	280	< 0.5	< 2	0.27	< 0.5	7	44	11	2.01	< 10	< 1	0.15	10	0.53	221
LJ8W 03+50S	203 238	< 5	1.43	0.2	< 5	350	< 0.5	< 2	0.38	< 0.5	8	46	15	2.12	< 10	< 1	0.15	20	0.63	210
LJ8W 04+00S	203 238	< 5	1.20	0.2	< 5	340	< 0.5	< 2	0.25	< 0.5	5	42	9	1.75	< 10	< 1	0.13	20	0.43	192
LJ8W 04+50S	203 238	< 5	1.49	0.2	< 5	330	< 0.5	< 2	0.28	< 0.5	6	66	15	2.13	< 10	< 1	0.19	20	0.50	229
LJ8W 05+00S	203 238	< 5	1.54	0.4	< 5	330	< 0.5	2	0.23	< 0.5	7	48	15	2.22	< 10	< 1	0.14	20	0.51	198
LJ8W 05+50S	203 238	< 5	1.97	0.6	< 5	520	0.5	< 2	0.33	< 0.5	14	53	22	2.51	< 10	< 1	0.22	20	0.53	657
LJ8W 06+00S	203 238	20	1.55	0.4	30	340	< 0.5	< 2	0.31	< 0.5	8	63	17	2.36	< 10	< 1	0.23	30	0.74	272
LJ8W 06+50S	203 238	< 5	1.98	0.4	30	350	< 0.5	< 2	0.30	0.5	11	71	30	3.06	< 10	< 1	0.27	30	1.07	324
LJ8W 07+00S	203 238	< 5	1.57	0.4	< 5	290	< 0.5	2	0.18	0.5	7	51	17	2.10	< 10	< 1	0.19	20	0.69	224
LJ8W 07+50S	203 238	< 5	1.33	0.6	5	420	< 0.5	< 2	0.23	< 0.5	7	46	10	2.10	< 10	< 1	0.27	20	0.50	286
LJ8W 08+00S	203 238	< 5	1.71	0.2	< 5	460	< 0.5	< 2	0.33	< 0.5	9	61	19	2.56	< 10	< 1	0.30	40	0.71	330
LJ8W 08+50S	203 238	< 5	1.26	0.2	< 5	400	< 0.5	< 2	0.16	< 0.5	5	45	10	1.84	< 10	< 1	0.19	20	0.42	154
LJ8W 09+00S	203 238	< 5	1.11	0.6	< 5	320	< 0.5	< 2	0.15	< 0.5	4	40	10	1.44	< 10	< 1	0.27	30	0.32	142
LJ8W 09+50S	203 238	< 5	1.35	0.4	< 5	520	< 0.5	< 2	0.19	< 0.5	5	48	8	1.58	< 10	< 1	0.26	30	0.41	196
LJ8W 10+00S	203 238	70	1.34	0.4	5	480	< 0.5	< 2	0.31	< 0.5	7	48	10	1.86	< 10	< 1	0.25	30	0.54	325
LJ8W 10+50S	203 238	< 5	1.85	0.4	5	380	< 0.5	2	0.41	< 0.5	10	65	18	2.69	< 10	< 1	0.21	20	1.08	284
L40W 00+00S	203 238	< 5	0.97	0.2	< 5	230	< 0.5	< 2	0.14	< 0.5	4	38	7	1.35	< 10	< 1	0.12	20	0.26	114
L40W 00+50S	203 238	< 5	3.12	0.2	< 5	750	< 0.5	< 2	0.44	< 0.5	14	97	23	4.03	< 10	< 1	0.31	30	0.83	675
L40W 01+00S	203 238	< 5	1.28	0.4	< 5	280	< 0.5	2	0.16	< 0.5	5	38	10	1.57	< 10	< 1	0.17	30	0.42	141
L40W 01+50S	203 238	< 5	1.55	0.4	< 5	340	< 0.5	< 2	0.32	< 0.5	7	51	13	2.22	< 10	< 1	0.19	20	0.61	265
L40W 02+00S	203 238	< 5	1.47	0.4	< 5	310	< 0.5	< 2	0.36	< 0.5	8	51	16	2.33	< 10	< 1	0.18	30	0.68	266
L40W 02+50S	203 238	10	1.46	0.6	5	290	< 0.5	4	0.38	< 0.5	7	50	15	2.35	< 10	< 1	0.20	20	0.64	270
L40W 03+00S	203 238	< 5	0.83	< 0.2	< 5	330	< 0.5	< 2	0.17	< 0.5	3	31	6	1.09	< 10	< 1	0.23	30	0.27	135
L40W 03+50S	203 238	< 5	1.41	0.4	< 5	390	< 0.5	2	0.36	< 0.5	8	51	15	2.10	< 10	< 1	0.20	30	0.54	263
L40W 04+00S	203 238	< 5	1.62	0.2	< 5	450	< 0.5	< 2	0.39	0.5	7	61	15	2.34	< 10	< 1	0.18	30	0.54	278
L40W 04+50S	203 238	40	1.35	0.2	< 5	350	< 0.5	2	0.29	0.5	6	56	12	1.88	< 10	< 1	0.19	20	0.41	210
L40W 05+00S	203 238	< 5	1.35	0.4	< 5	340	< 0.5	< 2	0.29	< 0.5	6	53	11	1.83	< 10	< 1	0.19	20	0.40	208
L40W 05+50S	203 238	15	1.41	0.4	< 5	330	< 0.5	< 2	0.33	0.5	9	84	12	2.11	< 10	< 1	0.19	20	0.44	424
L40W 06+00S	203 238	5	1.56	0.2	5	390	< 0.5	< 2	0.44	< 0.5	10	60	17	2.43	< 10	< 1	0.19	20	0.62	443
L40W 06+50S	203 238	< 5	1.80	0.4	25	430	< 0.5	< 2	0.56	< 0.5	14	96	25	2.88	< 10	< 1	0.46	20	1.24	549
L40W 07+00S	203 238	< 5	1.91	0.2	15	410	< 0.5	2	0.49	< 0.5	11	80	18	2.87	< 10	< 1	0.22	20	0.81	366
L40W 07+50S	203 238	< 5	1.44	0.2	< 5	370	< 0.5	4	0.41	0.5	9	63	18	2.37	< 10	< 1	0.28	30	0.95	328
L40W 08+00S	203 238	30	1.42	0.4	15	420	< 0.5	< 2	0.52	< 0.5	10	65	25	2.57	< 10	< 1	0.26	30	0.84	429
L40W 08+50S	203 238	< 5	1.86	< 0.2	5	490	< 0.5	< 2	0.23	< 0.5	10	53	14	2.63	< 10	< 1	0.13	30	0.39	338
L42W 00+50S	203 238	< 5	1.47	< 0.2	< 5	450	< 0.5	< 2	0.21	0.5	8	54	14	2.06	< 10	< 1	0.14	30	0.34	307
L42W 01+00S	203 238	< 5	1.15	< 0.2	< 5	340	< 0.5	< 2	0.24	< 0.5	4	50	12	1.70	< 10	< 1	0.11	30	0.32	140
L42W 01+50S	203 238	< 5	1.16	< 0.2	< 5	360	< 0.5	2	0.30	< 0.5	6	48	13	1.76	< 10	< 1	0.13	30	0.47	205

CERTIFICATION:

*Hart Buchler*



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

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

PHONE (604) 984-0221

To: MARK MANAGEMENT LIMITED

1900 - 999 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6C 2W2

Project: DAWSON

Comments: ATTN: ART TROUP CC: PERRY GRUNENBURG

Page No: 7-B

Tot. Pa: 5

Date: 24-JUN-87

Invoice #: I-8716373

P.O. #: ACR-DEL

## CERTIFICATE OF ANALYSIS A8716373

SAMPLE DESCRIPTION	PREP CODE	Mb ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sr ppm	Tl %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L38W 01+50S	203 238	< 1	0.01	8	200	6	< 5	< 10	20	0.07	< 10	< 10	35	< 5	45
L38W 02+50S	203 238	< 1	0.01	11	200	20	< 5	< 10	23	0.07	< 10	< 10	41	< 5	52
L38W 03+50S	203 238	< 1	0.01	13	450	20	< 5	< 10	21	0.07	< 10	< 10	39	< 5	65
L38W 03+50S	203 238	< 1	0.01	11	370	18	< 5	< 10	19	0.09	< 10	< 10	29	< 5	51
L38W 03+50S	203 238	< 1	0.01	11	320	20	< 5	< 10	25	0.09	10	< 10	36	< 5	67
L38W 04+50S	203 238	< 1	< 0.01	7	210	14	< 5	< 10	20	0.07	< 10	< 10	31	< 5	45
L38W 04+50S	203 238	< 1	0.01	11	240	18	< 5	< 10	23	0.07	< 10	< 10	36	< 5	61
L38W 05+50S	203 238	< 1	0.01	11	160	16	< 5	< 10	21	0.09	< 10	< 10	40	< 5	58
L38W 05+50S	203 238	< 1	0.01	13	310	28	< 5	< 10	31	0.09	< 10	< 10	48	< 5	62
L38W 06+50S	203 238	< 1	0.01	13	280	20	< 5	< 10	27	0.10	< 10	< 10	39	< 5	65
L38W 06+50S	203 238	< 1	< 0.01	24	440	14	< 5	< 10	23	0.09	< 10	< 10	49	< 5	87
L38W 07+50S	203 238	< 1	0.01	10	170	40	< 5	< 10	19	0.06	< 10	< 10	35	< 5	62
L38W 07+50S	203 238	< 1	0.01	11	360	22	< 5	< 10	18	0.06	< 10	< 10	32	< 5	50
L38W 08+50S	203 238	< 1	0.01	17	260	16	< 5	< 10	26	0.08	10	< 10	34	< 5	62
L38W 08+50S	203 238	< 1	< 0.01	11	140	14	< 5	< 10	16	0.06	< 10	< 10	27	< 5	50
L38W 09+50S	203 238	< 1	< 0.01	5	100	8	< 5	< 10	15	0.05	10	< 10	23	< 5	38
L38W 09+50S	203 238	< 1	0.01	9	100	16	< 5	< 10	19	0.05	10	< 10	27	< 5	43
L38W 10+50S	203 238	< 1	0.01	11	220	8	< 5	< 10	23	0.07	< 10	< 10	24	< 5	47
L38W 10+50S	203 238	< 1	0.01	20	420	12	< 5	< 10	24	0.06	< 10	< 10	38	< 5	67
L40W 00+50S	203 238	< 1	0.01	7	200	10	< 5	< 10	13	0.04	< 10	< 10	23	< 5	40
L40W 00+50S	203 238	< 1	0.02	19	510	32	< 5	< 10	41	0.12	10	< 10	76	< 5	107
L40W 01+50S	203 238	< 1	< 0.01	9	130	22	< 5	< 10	17	0.05	10	< 10	27	< 5	39
L40W 01+50S	203 238	< 1	0.01	11	280	8	< 5	< 10	26	0.08	< 10	< 10	38	< 5	60
L40W 02+50S	203 238	< 1	0.01	12	320	16	< 5	< 10	28	0.10	< 10	< 10	36	< 5	61
L40W 02+50S	203 238	< 1	0.01	14	420	16	< 5	< 10	27	0.14	< 10	< 10	36	< 5	55
L40W 03+50S	203 238	< 1	< 0.01	2	130	12	< 5	< 10	17	0.04	10	< 10	9	< 5	44
L40W 03+50S	203 238	< 1	0.01	11	360	16	< 5	< 10	28	0.10	< 10	< 10	32	< 5	58
L40W 04+50S	203 238	< 1	0.01	13	350	12	< 5	< 10	31	0.11	< 10	< 10	44	< 5	57
L40W 04+50S	203 238	< 1	0.01	9	330	10	< 5	< 10	25	0.07	< 10	< 10	33	< 5	50
L40W 05+50S	203 238	< 1	0.01	10	310	10	< 5	< 10	25	0.07	< 10	< 10	33	< 5	48
L40W 05+50S	203 238	< 1	0.01	10	390	14	< 5	< 10	26	0.08	< 10	< 10	37	< 5	56
L40W 06+50S	203 238	< 1	0.01	15	540	10	< 5	< 10	30	0.10	10	< 10	43	< 5	67
L40W 06+50S	203 238	< 1	0.01	25	690	18	< 5	< 10	40	0.14	10	< 10	54	< 5	91
L40W 07+50S	203 238	< 1	0.01	17	370	12	< 5	< 10	33	0.18	< 10	< 10	40	< 5	75
L40W 07+50S	203 238	< 1	0.01	13	450	14	< 5	< 10	29	0.15	10	< 10	30	< 5	68
L40W 08+50S	203 238	< 1	0.01	19	530	18	< 5	< 10	37	0.09	< 10	< 10	32	< 5	65
L42W 00+50S	203 238	< 1	0.01	12	380	18	< 5	< 10	21	0.08	< 10	< 10	51	< 5	61
L42W 00+50S	203 238	< 1	0.01	11	450	22	< 5	< 10	20	0.06	< 10	< 10	37	< 5	54
L42W 01+50S	203 238	< 1	0.01	9	200	6	< 5	< 10	20	0.07	10	< 10	33	< 5	38
L42W 01+50S	203 238	< 1	0.01	8	270	14	< 5	< 10	25	0.07	10	< 10	32	< 5	45

CERTIFICATION :

*Heidi Buchler*



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers  
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1900 - 999 W. HASTINGS ST.  
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Project: MAWSON

Comments: ATTN: ART TROUP CC: PERRY GRUNENBURG

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Tot. Pgs.

Date: 24-JUN-87

Invoice #: I-8716373

P.O. #: ACR-DEL

## CERTIFICATE OF ANALYSIS A8716373

SAMPLE DESCRIPTION	PREP CODE	As	Al	Ag	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Pb	Ga	Hg	K	La	Mg	Mn
		ppb RUSH	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%
L42W 02+00S	203 238	< 5	1.31	< 0.2	< 5	240	< 0.5	< 2	0.28	< 0.5	6	51	13	2.12	< 10	< 1	0.20	20	0.58	215
L42W 02+50S	203 238	< 5	1.38	< 0.2	< 5	270	< 0.5	< 2	0.42	< 0.5	8	48	15	2.17	< 10	< 1	0.17	30	0.65	233
L42W 03+00S	203 238	< 5	1.45	0.4	< 5	260	< 0.5	2	0.41	< 0.5	8	52	14	2.32	< 10	< 1	0.20	20	0.64	270
L42W 03+50S	203 238	< 5	1.16	0.2	< 5	330	< 0.5	< 2	0.21	< 0.5	5	47	12	1.61	< 10	< 1	0.27	40	0.40	156
L42W 04+00S	203 238	10	1.06	0.2	< 5	330	< 0.5	2	0.27	0.5	4	44	10	1.55	< 10	< 1	0.23	30	0.38	156
L42W 04+50S	203 238	< 5	1.11	0.2	< 5	310	< 0.5	< 2	0.16	< 0.5	5	39	18	1.64	< 10	< 1	0.25	30	0.42	232
L42W 05+00S	203 238	< 5	1.15	0.2	< 5	310	< 0.5	< 2	0.30	< 0.5	5	53	15	1.90	< 10	< 1	0.28	30	0.55	264
L42W 05+50S	203 238	< 5	1.73	0.4	20	360	< 0.5	< 2	0.43	< 0.5	9	75	19	2.70	< 10	< 1	0.28	30	0.99	379
L42W 06+00S	203 238	< 5	1.57	0.6	35	390	< 0.5	2	0.35	< 0.5	9	73	21	2.69	< 10	< 1	0.33	30	0.89	347
L42W 06+50S	203 238	< 5	1.70	0.2	< 5	500	< 0.5	2	0.56	< 0.5	9	59	15	2.65	< 10	< 1	0.30	20	0.72	402
L44W 00+00S	203 238	< 5	2.31	0.4	< 5	760	< 0.5	< 2	0.40	0.5	21	56	20	3.02	< 10	< 1	0.21	50	0.54	1125
L44W 00+50S	203 238	< 5	1.99	< 0.2	< 5	390	< 0.5	< 2	0.36	< 0.5	9	61	18	2.67	< 10	< 1	0.18	30	0.53	230
L44W 01+00S	203 238	< 5	1.20	< 0.2	< 5	350	< 0.5	< 2	0.32	< 0.5	8	53	14	2.11	< 10	< 1	0.15	20	0.55	266
L44W 01+50S	203 238	< 5	1.40	< 0.2	< 5	380	< 0.5	< 2	0.39	< 0.5	8	48	17	2.30	< 10	< 1	0.17	20	0.62	255
L44W 02+00S	203 238	< 5	1.78	0.4	5	330	< 0.5	2	0.61	0.5	8	55	27	2.50	< 10	< 1	0.40	40	0.85	331
L44W 02+50S	203 238	< 5	1.18	0.4	< 5	470	< 0.5	< 2	0.27	0.5	5	48	12	1.69	< 10	< 1	0.21	30	0.37	267
L44W 03+00S	203 238	< 5	1.20	0.2	< 5	360	< 0.5	< 2	0.23	< 0.5	5	41	12	1.66	< 10	< 1	0.31	40	0.59	221
L44W 03+50S	203 238	< 5	1.05	0.2	15	460	< 0.5	< 2	0.19	< 0.5	6	40	34	1.91	< 10	< 1	0.30	40	0.44	207
L44W 04+00S	203 238	25	1.08	0.6	10	530	< 0.5	< 2	0.30	0.5	6	49	26	1.77	< 10	< 1	0.24	40	0.47	185

CERTIFICATION :

*Hart Buchler*



# Chemex Labs Ltd.

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Project: DAWSON

Comments: ATTN: ART TROUP CC: PERRY GRUNENBURG

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Tot. Pa. 3  
Date 24-JUN-87  
Invoice #: I-8716373  
P.O. #: ACR-DEL

## CERTIFICATE OF ANALYSIS A8716373

SAMPLE DESCRIPTION	PREP CODE		Mo	Nb	Ni	P	Pb	Sb	Se	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
L42W 02+00S	203	238	< 1	0.01	13	340	16	< 5	< 10	21	0.11	< 10	< 10	29	< 5	51
L42W 03+50S	203	238	< 1	0.01	12	370	10	< 5	< 10	29	0.13	< 10	< 10	31	< 5	36
L42W 04+00S	203	238	< 1	0.01	13	390	16	< 5	< 10	32	0.12	< 10	< 10	37	< 5	57
L42W 03+50S	203	238	< 1	0.01	6	230	16	< 5	< 10	21	0.06	< 10	< 10	21	< 5	50
L42W 04+00S	203	238	< 1	0.01	7	240	18	< 5	< 10	26	0.07	< 10	< 10	26	< 5	45
L42W 04+50S	203	238	< 1	0.01	5	370	26	< 5	< 10	35	0.04	10	< 10	17	< 5	61
L42W 03+00S	203	238	< 1	0.01	10	460	16	< 5	< 10	30	0.08	10	< 10	26	< 5	61
L42W 03+50S	203	238	< 1	0.01	17	500	22	< 5	< 10	31	0.11	10	< 10	44	< 5	70
L42W 06+00S	203	238	< 1	0.01	19	620	14	< 5	< 10	36	0.07	< 10	< 10	32	< 5	84
L42W 06+50S	203	238	< 1	0.01	15	460	22	< 5	< 10	41	0.10	< 10	< 10	40	< 5	72
L44W 00+00S	203	238	< 1	0.01	17	640	30	< 5	< 10	37	0.09	< 10	< 10	60	< 5	75
L44W 00+50S	203	238	< 1	0.02	16	370	10	< 5	< 10	31	0.12	< 10	< 10	54	< 5	64
L44W 01+00S	203	238	< 1	0.01	13	520	14	< 5	< 10	25	0.06	< 10	< 10	30	< 5	58
L44W 01+50S	203	238	< 1	0.01	13	560	20	< 5	< 10	26	0.10	< 10	< 10	34	< 5	64
L44W 02+00S	203	238	< 1	0.01	16	660	32	< 5	< 10	40	0.07	10	< 10	31	< 5	91
L44W 02+50S	203	238	< 1	0.01	8	310	18	< 5	< 10	24	0.05	10	< 10	28	< 5	53
L44W 03+00S	203	238	< 1	< 0.01	6	250	18	< 5	< 10	25	0.07	10	< 10	18	< 5	60
L44W 03+50S	203	238	< 1	0.01	5	310	24	< 5	< 10	33	0.04	10	< 10	18	< 5	60
L44W 04+00S	203	238	< 1	0.01	8	370	26	< 5	< 10	34	0.06	10	< 10	20	< 5	61

CERTIFICATION:

*Hart Buchler*



# Chemex Labs Ltd.

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1900 - 999 W. HASTINGS ST.  
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Project: DAWSON

Comments: ATTN: ART TROUP CC: P. GRUNENBERG

Page No: 1-A  
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 Date: 5-JUL-87  
 Invoice #: I-8717048  
 P.O. #: AOR DE1

## CERTIFICATE OF ANALYSIS A8717048

SAMPLE DESCRIPTION	PREP CODE	Au ppb RUSH	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	Ni %	Pb ppm
L810W 10400S	203 238	< 5	1.63	0.2	< 5	330	< 0.5	< 2	0.14	< 0.5	6	24	10	2.19	< 10	2	0.10	20	0.45	192
L810W 10425S	203 238	< 5	1.55	0.2	5	380	< 0.5	< 2	0.16	< 0.5	8	22	20	2.26	< 10	< 1	0.14	30	0.67	246
L810W 10450S	203 238	< 5	1.83	0.4	< 5	280	< 0.5	< 2	0.11	< 0.5	8	20	14	2.61	< 10	2	0.16	30	0.69	234
L810W 10475S	203 238	< 5	1.12	0.2	5	250	< 0.5	< 2	0.12	< 0.5	7	12	14	1.73	< 10	< 1	0.13	30	0.51	193
L810W 11400S	203 238	< 5	1.64	0.4	5	290	< 0.5	< 2	0.11	< 0.5	8	19	19	2.33	< 10	2	0.13	30	0.62	238
L810W 11425S	203 238	< 5	1.54	0.4	< 5	320	< 0.5	< 2	0.15	< 0.5	8	20	18	2.36	< 10	< 1	0.08	30	0.56	220
L810W 11450S	203 238	< 5	1.56	0.4	5	400	< 0.5	< 2	0.19	< 0.5	8	20	18	2.47	< 10	1	0.12	30	0.55	309
L810W 11475S	203 238	5	1.49	0.6	< 5	250	< 0.5	< 2	0.17	< 0.5	8	20	14	2.31	< 10	< 1	0.11	30	0.55	200
L810W 12400S	203 238	< 5	1.61	0.2	< 5	260	< 0.5	< 2	0.18	< 0.5	8	20	15	2.41	< 10	< 1	0.13	30	0.58	206
L810W 12425S	203 238	< 5	1.43	0.2	< 5	210	< 0.5	< 2	0.14	< 0.5	6	19	13	2.22	< 10	< 1	0.10	20	0.42	153
L810W 12450S	203 238	30	1.60	0.2	< 5	230	< 0.5	< 2	0.10	< 0.5	7	22	10	2.30	< 10	< 1	0.10	30	0.46	163
L810W 12475S	203 238	< 5	1.81	0.2	< 5	270	< 0.5	< 2	0.09	< 0.5	8	28	16	2.57	< 10	< 1	0.09	20	0.47	224
L810W 13400S	203 238	80	1.51	0.2	< 5	170	< 0.5	< 2	0.07	< 0.5	6	15	9	2.16	< 10	< 1	0.10	30	0.50	159
L810W 13425S	203 238	40	1.47	0.2	25	180	< 0.5	< 2	0.05	< 0.5	7	12	13	2.16	< 10	< 1	0.17	60	0.72	232
L810W 13450S	203 238	10	1.47	0.2	5	210	< 0.5	< 2	0.10	< 0.5	6	20	9	2.11	< 10	< 1	0.10	30	0.41	151
L810W 13475S	203 238	< 5	2.13	0.4	< 5	320	< 0.5	< 2	0.13	< 0.5	7	30	18	2.82	< 10	< 1	0.08	20	0.47	229
L810W 14400S	203 238	< 5	1.52	0.2	10	200	< 0.5	< 2	0.12	< 0.5	6	19	9	2.52	< 10	< 1	0.15	30	0.39	135
L810W 14425S	203 238	< 5	1.64	0.2	15	180	< 0.5	< 2	0.06	< 0.5	7	26	13	2.20	< 10	< 1	0.14	40	0.40	159
L810W 14450S	203 238	< 5	2.04	1.0	10	220	< 0.5	< 2	0.11	< 0.5	7	29	13	2.76	< 10	< 1	0.08	10	0.40	231
L810W 14475S	203 238	< 5	2.26	0.6	5	240	< 0.5	< 2	0.12	< 0.5	7	30	13	2.90	< 10	< 1	0.09	20	0.46	342
L810W 15400S	203 238	< 5	2.02	0.4	< 5	270	< 0.5	< 2	0.12	< 0.5	8	27	11	2.65	< 10	< 1	0.12	20	0.45	245
L810W 15425S	203 238	5	1.58	0.6	20	250	< 0.5	< 2	0.09	< 0.5	5	18	10	2.05	< 10	< 1	0.27	40	0.39	165
L810W 15450S	203 238	< 5	1.29	0.8	< 5	220	< 0.5	< 2	0.08	< 0.5	4	14	6	1.77	< 10	< 1	0.24	30	0.35	152
L810W 15475S	203 238	< 5	1.23	0.2	20	230	< 0.5	< 2	0.10	< 0.5	5	11	6	2.05	< 10	< 1	0.31	40	0.55	164
L810W 16400S	203 238	< 5	1.45	0.2	< 5	160	< 0.5	< 2	0.06	< 0.5	8	16	14	2.57	< 10	< 1	0.48	50	0.90	275
L810W 16425S	203 238	< 5	1.10	0.4	< 5	250	< 0.5	< 2	0.09	< 0.5	6	12	9	1.98	< 10	< 1	0.35	40	0.58	265
L810W 16450S	203 238	10	1.21	0.4	15	250	< 0.5	< 2	0.11	< 0.5	6	15	9	2.12	< 10	< 1	0.39	40	0.69	246
L810W 16475S	203 238	< 5	1.28	0.2	15	240	< 0.5	< 2	0.13	< 0.5	7	19	14	2.24	< 10	< 1	0.25	40	0.70	218
L810W 17400S	203 238	10	1.65	0.4	45	400	< 0.5	< 2	0.10	< 0.5	10	154	14	2.54	< 10	< 1	0.55	30	0.83	247
L810W 17425S	203 238	< 5	1.98	0.2	40	490	< 0.5	< 2	0.11	< 0.5	11	162	18	2.82	< 10	< 1	0.66	40	1.02	307
L810W 17450S	203 238	5	1.98	0.6	10	430	< 0.5	< 2	0.13	< 0.5	10	195	14	2.96	< 10	< 1	0.56	30	1.08	351
L810W 17475S	203 238	< 5	1.83	1.2	25	310	< 0.5	< 2	0.17	< 0.5	11	26	16	3.16	< 10	< 1	0.35	50	1.07	472
L810W 18400S	203 238	5	1.48	0.8	20	270	< 0.5	< 2	0.17	< 0.5	9	21	15	2.63	< 10	< 1	0.30	30	0.89	412
L810W 18425S	203 238	< 5	1.39	0.4	5	240	< 0.5	< 2	0.19	< 0.5	8	24	10	2.28	< 10	< 1	0.20	20	0.57	245
L810W 18450S	203 238	< 5	1.80	0.4	10	270	< 0.5	< 2	0.15	< 0.5	8	25	12	2.79	< 10	< 1	0.27	40	1.07	310
L810W 18475S	203 238	< 5	1.45	0.2	35	220	< 0.5	< 2	0.17	< 0.5	8	20	15	2.84	< 10	< 1	0.29	30	1.12	343
L810W 19400S	203 238	15	1.59	0.2	20	270	< 0.5	< 2	0.21	< 0.5	8	24	15	2.64	< 10	< 1	0.27	40	1.07	285
L810W 19425S	203 238	30	1.77	0.2	10	270	< 0.5	< 2	0.32	< 0.5	10	29	24	3.01	< 10	< 1	0.30	30	1.10	419
L810W 19450S	203 238	10	1.50	0.2	5	230	< 0.5	< 2	0.35	< 0.5	10	24	22	2.86	< 10	< 1	0.39	40	0.99	417
L810W 19475S	203 238	35	1.51	0.2	< 5	310	< 0.5	< 2	0.32	< 0.5	9	23	19	2.62	< 10	< 1	0.29	30	0.91	367

CERTIFICATION:



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,  
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To: MARK MANAGEMENT LIMITED

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Project: DAWSON

Comments: ATTN: ART TROUP CC: P. GRUNENBERG

Page No. 1-B  
Tot. Pa. 3  
Date: 5-JUL-87  
Invoice #: I-8717048  
P.O. #: AOR DE1

## CERTIFICATE OF ANALYSIS A8717048

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L810W 10+00S	203 238	< 1	0.01	11	160	8	< 5	< 10	17	0.06	< 10	< 10	39	< 5	46
L810W 10+25S	203 238	< 1	< 0.01	13	170	26	< 5	< 10	20	0.06	< 10	< 10	29	< 5	65
L810W 10+50S	203 238	< 1	< 0.01	12	260	26	< 5	< 10	13	0.07	< 10	< 10	35	< 5	60
L810W 10+75S	203 238	< 1	< 0.01	7	130	20	< 5	< 10	14	0.05	< 10	< 10	20	< 5	48
L810W 11+00S	203 238	< 1	< 0.01	10	210	22	< 5	< 10	13	0.07	< 10	< 10	31	< 5	61
L810W 11+25S	203 238	< 1	< 0.01	14	180	12	< 5	< 10	17	0.08	< 10	< 10	36	< 5	62
L810W 11+50S	203 238	< 1	< 0.01	15	270	18	< 5	< 10	21	0.08	< 10	< 10	36	< 5	61
L810W 11+75S	203 238	< 1	0.01	12	320	22	< 5	< 10	17	0.07	< 10	< 10	36	< 5	61
L810W 12+00S	203 238	< 1	< 0.01	15	300	18	< 5	< 10	18	0.08	< 10	< 10	38	< 5	59
L810W 12+25S	203 238	< 1	< 0.01	11	170	20	< 5	< 10	15	0.07	< 10	< 10	41	< 5	43
L810W 12+50S	203 238	< 1	< 0.01	12	140	16	< 5	< 10	12	0.06	< 10	< 10	37	< 5	41
L810W 12+75S	203 238	< 1	< 0.01	16	140	14	< 5	< 10	12	0.06	< 10	< 10	43	< 5	46
L810W 13+00S	203 238	< 1	< 0.01	10	130	12	< 5	< 10	9	0.05	< 10	< 10	33	< 5	40
L810W 13+25S	203 238	< 1	< 0.01	9	160	42	< 5	< 10	8	0.04	< 10	< 10	16	< 5	63
L810W 13+50S	203 238	< 1	< 0.01	12	130	12	< 5	< 10	11	0.05	< 10	< 10	35	< 5	38
L810W 13+75S	203 238	< 1	< 0.01	18	140	18	< 5	< 10	16	0.07	< 10	< 10	52	< 5	49
L810W 14+00S	203 238	< 1	< 0.01	12	160	14	< 5	< 10	14	0.06	< 10	< 10	42	< 5	38
L810W 14+25S	203 238	< 2	< 0.01	17	150	22	< 5	< 10	9	0.04	< 10	< 10	29	< 5	44
L810W 14+50S	203 238	< 1	< 0.01	15	180	20	< 5	< 10	14	0.08	< 10	< 10	56	< 5	52
L810W 14+75S	203 238	< 1	< 0.01	16	160	14	< 5	< 10	15	0.09	< 10	< 10	58	< 5	61
L810W 15+00S	203 238	< 1	< 0.01	14	170	12	< 5	< 10	15	0.07	< 10	< 10	50	< 5	61
L810W 15+25S	203 238	< 1	< 0.01	10	170	18	< 5	< 10	12	0.04	< 10	< 10	29	< 5	50
L810W 15+50S	203 238	< 1	< 0.01	6	160	18	< 5	< 10	10	0.04	< 10	< 10	27	< 5	42
L810W 15+75S	203 238	< 1	< 0.01	5	220	12	< 5	< 10	13	0.04	< 10	< 10	22	< 5	52
L810W 16+00S	203 238	< 1	< 0.01	8	220	26	< 5	< 10	9	0.08	< 10	< 10	17	< 5	69
L810W 16+25S	203 238	< 1	< 0.01	5	200	18	< 5	< 10	11	0.04	< 10	< 10	18	< 5	50
L810W 16+50S	203 238	< 1	< 0.01	6	200	14	< 5	< 10	13	0.04	< 10	< 10	19	< 5	53
L810W 16+75S	203 238	< 1	< 0.01	11	170	20	< 5	< 10	14	0.06	< 10	< 10	25	< 5	59
L810W 17+00S	203 238	< 1	0.03	13	200	12	< 5	< 10	13	0.04	< 10	< 10	25	< 5	58
L810W 17+25S	203 238	< 1	0.04	13	280	12	< 5	< 10	14	0.04	< 10	< 10	26	< 5	66
L810W 17+50S	203 238	< 1	0.04	12	260	12	< 5	< 10	16	0.05	< 10	< 10	36	< 5	67
L810W 17+75S	203 238	< 1	< 0.01	8	450	14	< 5	< 10	18	0.04	< 10	< 10	32	< 5	76
L810W 18+00S	203 238	< 1	< 0.01	10	370	6	< 5	< 10	18	0.05	< 10	< 10	27	< 5	62
L810W 18+25S	203 238	< 1	0.01	11	130	12	< 5	< 10	20	0.07	< 10	< 10	38	< 5	45
L810W 18+50S	203 238	< 1	< 0.01	12	230	4	< 5	< 10	15	0.07	< 10	< 10	28	< 5	66
L810W 18+75S	203 238	< 1	< 0.01	17	510	< 2	< 5	< 10	15	0.05	< 10	< 10	18	< 5	72
L810W 19+00S	203 238	< 1	0.01	12	390	10	< 5	< 10	20	0.04	< 10	< 10	25	< 5	67
L810W 19+25S	203 238	< 1	0.01	18	470	18	< 5	< 10	28	0.08	< 10	< 10	32	< 5	77
L810W 19+50S	203 238	< 1	0.01	14	690	6	< 5	< 10	29	0.07	< 10	< 10	25	< 5	76
L810W 19+75S	203 238	< 1	0.01	13	430	4	< 5	< 10	30	0.07	< 10	< 10	27	< 5	65

CERTIFICATION:



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Project: DAWSON

Comments: ATTN: ART TROUP CC: P GRUNENBERG

Page No.: 2-A

Tot. P.: 8

Date: 5-JUL-87

Invoice #: 1-8717048

P.O. #: ACR DE1

## CERTIFICATE OF ANALYSIS A8717048

SAMPLE DESCRIPTION	PREP CODE	Au ppb RUSH	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
L810W 20400S	203 238	25	1.22	0.2	< 5	280	< 0.5	< 2	0.23	< 0.5	6	17	18	2.19	< 10	< 1	0.24	30	0.76	272
L810W 20425S	203 238	15	1.23	0.2	5	320	< 0.5	< 2	0.25	< 0.5	7	19	13	2.01	< 10	< 1	0.16	20	0.66	249
L810W 21400S	203 238	25	1.30	0.2	5	470	< 0.5	< 2	0.29	< 0.5	6	17	16	2.03	< 10	< 1	0.19	20	0.55	315
L810W 21425S	203 238	35	1.26	0.4	5	320	< 0.5	< 2	0.26	< 0.5	6	11	14	1.86	< 10	< 1	0.27	40	0.59	198
L810W 21450S	203 238	20	1.21	0.2	5	340	< 0.5	< 2	0.25	< 0.5	5	14	14	1.71	< 10	< 1	0.26	30	0.50	216
L810W 21475S	203 238	25	1.11	0.6	10	310	< 0.5	< 2	0.17	< 0.5	5	13	13	1.68	< 10	< 1	0.28	40	0.49	184
L810W 22400S	203 238	20	0.97	0.2	30	240	< 0.5	< 2	0.18	< 0.5	8	14	15	1.65	< 10	< 1	0.24	30	0.57	315
L810W 22425S	203 238	30	2.38	0.8	40	210	< 0.5	< 2	0.17	0.5	13	27	58	3.47	< 10	< 1	0.12	30	1.59	548
L810W 22450S	203 238	65	1.60	0.6	25	390	< 0.5	< 2	0.20	< 0.5	8	22	29	2.32	< 10	< 1	0.21	40	0.96	342
L810W 22475S	203 238	10	2.10	0.6	10	180	< 0.5	< 2	0.07	< 0.5	10	19	34	3.70	< 10	< 1	0.10	20	1.36	314
L810W 23400S	203 238	5	2.27	0.4	25	220	< 0.5	< 2	0.10	< 0.5	13	24	30	3.62	< 10	< 1	0.11	20	1.48	532
L810W 23425S	203 238	10	2.40	0.8	20	150	< 0.5	< 2	0.08	0.5	14	21	50	4.53	< 10	< 1	0.09	20	1.84	516
L810W 23450S	203 238	5	2.85	0.4	35	100	< 0.5	< 2	0.13	1.0	54	23	62	4.66	< 10	< 1	0.08	20	2.24	1515
L9W 10400S	203 238	< 5	1.46	0.2	< 5	340	< 0.5	< 2	0.12	< 0.5	9	21	20	2.11	< 10	< 1	0.17	40	0.55	227
L9W 10425S	203 238	< 5	1.37	0.2	< 5	250	< 0.5	< 2	0.10	< 0.5	6	17	12	1.91	< 10	< 1	0.19	30	0.52	179
L9W 10450S	203 238	< 5	1.32	0.2	10	250	< 0.5	< 2	0.10	< 0.5	5	18	12	1.89	< 10	< 1	0.17	30	0.48	230
L9W 10475S	203 238	< 5	1.17	0.2	< 5	260	< 0.5	< 2	0.13	< 0.5	7	18	15	1.96	< 10	< 1	0.11	20	0.44	222
L9W 11400S	203 238	< 5	1.17	0.2	15	360	< 0.5	< 2	0.22	< 0.5	7	19	19	2.06	< 10	< 1	0.12	30	0.47	260
L9W 11425S	203 238	< 5	1.25	0.2	< 5	380	< 0.5	< 2	0.30	< 0.5	8	21	24	2.23	< 10	< 1	0.12	20	0.51	318
L9W 11450S	203 238	< 5	1.37	0.2	15	490	< 0.5	< 2	0.44	< 0.5	10	25	29	2.50	< 10	< 1	0.13	30	0.54	414
L9W 11475S	203 238	< 5	1.31	0.4	5	460	< 0.5	< 2	0.39	< 0.5	8	22	26	2.20	< 10	< 1	0.14	30	0.48	293
L9W 12400S	203 238	< 5	1.44	0.6	5	470	< 0.5	< 2	0.39	< 0.5	9	23	27	2.39	< 10	< 1	0.15	30	0.52	421
L9W 12425S	203 238	< 5	1.48	0.2	15	350	< 0.5	< 2	0.26	< 0.5	8	24	17	2.27	< 10	< 1	0.15	20	0.51	249
L9W 12450S	203 238	< 5	1.42	0.2	5	510	< 0.5	< 2	0.35	< 0.5	9	24	24	2.30	< 10	< 1	0.19	30	0.56	310
L9W 12475S	203 238	< 5	1.32	0.2	10	320	< 0.5	< 2	0.30	< 0.5	7	20	19	2.15	< 10	< 1	0.21	30	0.64	260
L9W 13400S	203 238	< 5	1.37	0.2	10	290	< 0.5	< 2	0.16	< 0.5	7	21	14	2.12	< 10	< 1	0.13	30	0.61	233
L9W 13425S	203 238	20	1.57	0.2	25	300	< 0.5	< 2	0.13	< 0.5	9	20	19	2.58	< 10	< 1	0.16	40	0.88	306
L9W 13450S	203 238	10	1.72	0.4	15	190	< 0.5	< 2	0.08	< 0.5	11	22	18	2.81	< 10	< 1	0.18	50	1.13	372
L9W 13475S	203 238	45	1.46	0.4	140	300	< 0.5	< 2	0.14	0.5	10	18	15	2.44	< 10	< 1	0.23	30	0.56	488
L9W 14400S	203 238	10	1.07	0.4	10	250	< 0.5	< 2	0.06	< 0.5	5	12	12	1.73	< 10	< 1	0.19	40	0.42	161
L9W 14425S	203 238	< 5	1.12	0.2	< 5	270	< 0.5	< 2	0.09	< 0.5	5	17	12	1.72	< 10	< 1	0.22	30	0.36	162
L9W 14450S	203 238	< 5	1.09	0.4	10	210	< 0.5	< 2	0.07	< 0.5	5	14	11	1.66	< 10	< 1	0.17	30	0.43	139
L9W 14475S	203 238	< 5	1.34	0.2	5	120	< 0.5	< 2	0.02	< 0.5	6	7	6	1.75	< 10	< 1	0.24	40	0.73	125
L9W 15400S	203 238	< 5	1.53	0.2	10	160	< 0.5	< 2	0.10	< 0.5	7	23	15	2.30	< 10	< 1	0.16	30	0.57	198
L9W 15425S	203 238	< 5	1.51	0.2	15	160	< 0.5	< 2	0.04	< 0.5	6	11	9	1.97	< 10	< 1	0.29	40	0.76	175
L9W 15450S	203 238	< 5	1.06	0.2	< 5	120	< 0.5	< 2	0.04	< 0.5	6	6	8	1.53	< 10	< 1	0.27	50	0.60	151
L9W 15475S	203 238	< 5	1.47	0.2	5	160	< 0.5	< 2	0.06	< 0.5	6	11	10	1.99	< 10	2	0.25	50	0.70	166
L9W 16400S	203 238	275	1.84	0.2	< 5	190	< 0.5	< 2	0.06	< 0.5	12	20	20	3.25	< 10	< 1	0.33	30	1.20	511
L9W 16425S	203 238	< 5	2.01	0.4	< 5	240	< 0.5	< 2	0.14	< 0.5	12	33	16	3.41	< 10	< 1	0.31	40	1.32	461
L9W 16450S	203 238	< 5	1.46	1.2	15	300	< 0.5	< 2	0.17	< 0.5	13	25	16	3.06	< 10	< 1	0.38	40	0.90	857

CERTIFICATION :



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## CERTIFICATE OF ANALYSIS A8717048

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L810W 20+00S	203 238	< 1	0.01	11	320	10	< 5	< 10	21	0.05	< 10	< 10	19	< 5	56
L810W 20+25S	203 238	< 1	0.01	11	250	10	< 5	< 10	22	0.05	< 10	< 10	22	< 5	48
L810W 21+00S	203 238	< 1	0.01	11	160	12	< 5	< 10	27	0.04	< 10	< 10	25	< 5	49
L810W 21+25S	203 238	< 1	< 0.01	9	320	18	< 5	< 10	24	0.02	< 10	< 10	13	< 5	70
L810W 21+50S	203 238	< 1	0.01	7	250	12	< 5	< 10	24	0.03	< 10	< 10	20	< 5	54
L810W 21+75S	203 238	< 1	0.01	6	200	12	< 5	< 10	18	0.03	< 10	< 10	18	< 5	51
L810W 22+00S	203 238	< 1	< 0.01	8	490	18	< 5	< 10	18	0.02	< 10	< 10	17	< 5	58
L810W 22+25S	203 238	< 1	< 0.01	22	550	36	< 5	< 10	16	0.02	< 10	< 10	36	< 5	187
L810W 22+50S	203 238	< 1	< 0.01	11	330	28	< 5	< 10	23	0.02	< 10	< 10	21	< 5	82
L810W 22+75S	203 238	< 1	< 0.01	14	280	18	< 5	< 10	14	0.01	< 10	< 10	38	< 5	138
L810W 23+00S	203 238	< 1	< 0.01	18	380	14	< 5	< 10	17	0.02	< 10	< 10	39	< 5	135
L810W 23+25S	203 238	< 1	0.01	19	560	38	< 5	< 10	30	0.01	< 10	< 10	43	< 5	167
L810W 23+50S	203 238	3	0.01	35	580	42	< 5	10	28	< 0.01	< 10	< 10	45	< 5	222
L9W 10+00S	203 238	< 1	< 0.01	11	160	16	< 5	< 10	16	0.06	< 10	< 10	28	< 5	59
L9W 10+25S	203 238	< 1	< 0.01	7	180	18	< 5	< 10	13	0.06	< 10	< 10	23	< 5	48
L9W 10+50S	203 238	< 1	< 0.01	7	200	22	< 5	< 10	13	0.05	< 10	< 10	28	< 5	54
L9W 10+75S	203 238	< 1	< 0.01	10	210	10	< 5	< 10	14	0.06	< 10	< 10	30	< 5	55
L9W 11+00S	203 238	< 1	0.01	14	270	22	< 5	< 10	21	0.07	< 10	< 10	31	< 5	59
L9W 11+25S	203 238	< 1	0.01	15	430	< 2	< 5	< 10	24	0.07	< 10	< 10	35	< 5	63
L9W 11+50S	203 238	< 1	0.02	24	590	12	< 5	< 10	34	0.08	< 10	< 10	41	< 5	68
L9W 11+75S	203 238	< 1	0.02	18	530	12	< 5	< 10	31	0.07	< 10	< 10	36	< 5	61
L9W 12+00S	203 238	< 1	0.02	16	530	16	< 5	< 10	31	0.08	< 10	< 10	39	< 5	69
L9W 12+25S	203 238	< 1	0.01	14	380	6	< 5	< 10	24	0.08	< 10	< 10	39	< 5	58
L9W 12+50S	203 238	< 1	0.02	16	440	22	< 5	< 10	31	0.08	< 10	< 10	35	< 5	63
L9W 12+75S	203 238	< 1	0.01	12	440	14	< 5	< 10	28	0.08	< 10	< 10	29	< 5	59
L9W 13+00S	203 238	< 1	< 0.01	12	210	12	< 5	< 10	17	0.07	< 10	< 10	29	< 5	53
L9W 13+25S	203 238	< 1	< 0.01	12	190	34	< 5	< 10	16	0.07	< 10	< 10	25	< 5	71
L9W 13+50S	203 238	< 1	< 0.01	11	280	32	< 5	< 10	11	0.06	< 10	< 10	22	< 5	81
L9W 13+75S	203 238	< 1	0.01	8	400	12	< 5	< 10	17	0.03	< 10	< 10	28	< 5	54
L9W 14+00S	203 238	< 1	< 0.01	6	130	22	< 5	< 10	9	0.03	< 10	< 10	27	< 5	41
L9W 14+25S	203 238	< 1	< 0.01	8	140	12	< 5	< 10	12	0.04	< 10	< 10	25	< 5	38
L9W 14+50S	203 238	< 1	0.01	8	90	22	< 5	< 10	11	0.05	< 10	< 10	21	< 5	41
L9W 14+75S	203 238	< 1	< 0.01	2	130	14	< 5	< 10	5	0.05	< 10	< 10	11	< 5	41
L9W 15+00S	203 238	< 1	0.01	14	100	34	< 5	< 10	12	0.07	< 10	< 10	16	< 5	36
L9W 15+25S	203 238	< 1	0.01	4	130	32	< 5	< 10	7	0.07	< 10	< 10	16	< 5	59
L9W 15+50S	203 238	< 1	0.01	3	200	14	< 5	< 10	6	0.03	20	< 10	10	< 5	47
L9W 15+75S	203 238	< 1	< 0.01	6	180	32	< 5	< 10	9	0.05	20	< 10	18	< 5	61
L9W 16+00S	203 238	< 1	< 0.01	13	440	28	< 5	< 10	7	0.07	< 10	< 10	19	< 5	85
L9W 16+25S	203 238	< 1	0.01	11	470	26	< 5	< 10	15	0.06	< 10	< 10	40	< 5	82
L9W 16+50S	203 238	< 1	0.01	11	370	4	< 5	< 10	19	0.04	< 10	< 10	34	< 5	71

CERTIFICATION: 



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

211 BROOKSBANK AVE., NORTH VANCOUVER,  
BRITISH COLUMBIA, CANADA V7J-1C1

PHONE (604) 984-0221

To: MARK MANAGEMENT LIMITED

1900 - 999 W. HASTINGS ST.  
VANCOUVER, B. C.  
V6C 2W2

Project: DAWSON

Comments: ATTN: ART TROUP CC: P GRUNENBERG

Page No: 3-A  
Tot. Pa: 8  
Date: 5-JUL-87  
Invoice #: I-8717048  
P.O. #: AOR DEL

## CERTIFICATE OF ANALYSIS A8717048

SAMPLE DESCRIPTION	PREP CODE	Au ppb RUSH	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
L9W 164-75S	203 238	< 5	1.87	0.2	< 5	150	< 0.5	< 2	0.14	< 0.5	13	24	18	3.46	< 10	< 1	0.69	20	1.56	382
L9W 174-00S	203 238	< 5	1.70	0.2	5	200	< 0.5	< 2	0.09	< 0.5	10	21	16	3.06	< 10	< 1	0.43	40	1.06	335
L9W 174-25S	203 238	< 5	1.58	0.2	< 5	240	< 0.5	< 2	0.14	< 0.5	13	18	17	3.25	< 10	< 1	0.49	30	1.17	398
L9W 174-50S	203 238	< 5	1.51	0.4	20	290	< 0.5	< 2	0.21	< 0.5	8	24	10	2.77	< 10	< 1	0.31	30	0.89	433
L9W 174-75S	203 238	< 5	2.45	0.2	10	160	< 0.5	< 2	0.27	< 0.5	18	36	35	4.51	10	< 1	0.33	40	2.08	560
L9W 184-00S	203 238	< 5	1.57	0.2	10	190	< 0.5	< 2	0.20	< 0.5	8	18	12	2.88	< 10	< 1	0.39	40	1.09	336
L9W 184-25S	203 238	110	1.41	0.4	10	190	< 0.5	< 2	0.22	< 0.5	7	17	16	2.55	< 10	< 1	0.33	30	0.92	277
L9W 184-50S	203 238	45	1.33	0.2	< 5	310	< 0.5	< 2	0.26	< 0.5	7	22	18	2.35	< 10	< 1	0.19	20	0.71	254
L9W 184-75S	203 238	10	1.34	0.2	15	240	< 0.5	< 2	0.21	< 0.5	6	20	13	2.31	< 10	< 1	0.18	30	0.84	242
L9W 194-00S	203 238	70	1.42	0.2	< 5	320	< 0.5	< 2	0.26	< 0.5	8	18	14	2.37	< 10	< 1	0.22	30	0.89	274
L9W 194-25S	203 238	40	1.88	0.2	15	200	< 0.5	< 2	0.36	< 0.5	13	25	20	3.36	< 10	< 1	0.56	30	1.50	615
L9W 194-50S	203 238	80	1.69	0.2	10	410	< 0.5	< 2	0.29	< 0.5	10	54	19	2.69	< 10	< 1	0.36	30	0.96	307
L9W 194-75S	203 238	25	1.83	0.2	10	550	< 0.5	< 2	0.33	< 0.5	10	95	18	2.68	< 10	< 1	0.46	30	0.81	594
L9W 204-00S	203 238	220	1.73	0.4	20	420	< 0.5	< 2	0.29	< 0.5	9	77	23	2.81	< 10	< 1	0.43	30	0.88	368
L9W 204-25S	203 238	65	0.94	0.2	5	170	< 0.5	< 2	0.19	< 0.5	7	9	17	1.60	< 10	< 1	0.23	40	0.44	922
L9W 204-50S	203 238	650	1.73	0.2	10	490	< 0.5	< 2	0.29	< 0.5	8	95	18	2.54	< 10	< 1	0.38	30	0.73	309
L9W 204-75S	203 238	50	1.67	0.2	20	500	< 0.5	< 2	0.32	< 0.5	8	92	20	2.39	< 10	< 1	0.35	30	0.62	308
L9W 214-00S	203 238	25	1.48	0.2	20	470	< 0.5	< 2	0.26	< 0.5	8	96	16	2.04	< 10	1	0.41	40	0.52	448
L9W 214-25S	203 238	20	0.97	0.2	10	330	< 0.5	< 2	0.14	0.5	6	12	12	1.59	< 10	1	0.18	40	0.39	192
L9W 214-50S	203 238	30	1.63	0.8	30	540	< 0.5	< 2	0.23	0.5	9	125	19	2.34	< 10	2	0.28	30	0.84	518
L9W 214-75S	203 238	35	1.41	0.2	20	210	< 0.5	< 2	0.09	< 0.5	7	27	11	2.01	< 10	< 1	0.11	30	0.83	210
L9W 224-00S	203 238	10	2.34	0.2	5	250	< 0.5	< 2	0.10	< 0.5	7	26	28	3.33	< 10	< 1	0.07	30	1.75	349
L9W 224-25S	203 238	5	2.20	0.8	15	260	< 0.5	< 2	0.12	0.5	7	22	46	3.51	< 10	< 1	0.07	20	1.64	164
L9W 224-50S	203 238	10	1.88	0.2	10	140	< 0.5	< 2	0.05	< 0.5	7	12	38	3.87	< 10	< 1	0.04	10	1.34	369
L9W 224-75S	203 238	5	2.30	0.2	< 5	240	< 0.5	< 2	0.09	< 0.5	7	24	33	3.66	< 10	< 1	0.06	20	1.51	408
L9W 234-00S	203 238	< 5	1.93	0.4	20	160	< 0.5	< 2	0.31	2.0	15	23	34	3.20	< 10	2	0.07	20	1.43	848
L9W 234-25S	203 238	< 5	1.65	0.2	10	410	< 0.5	< 2	0.19	< 0.5	8	18	17	2.42	< 10	< 1	0.14	30	1.13	239
L9W 234-50S	203 238	< 5	0.65	0.2	< 5	210	< 0.5	< 2	0.04	< 0.5	< 1	2	2	0.61	< 10	< 1	0.14	30	0.21	57
L9W 234-75S	203 238	< 5	1.67	0.2	< 5	450	< 0.5	< 2	0.07	< 0.5	6	10	7	2.14	< 10	< 1	0.17	30	0.62	141
L9W 244-00S	203 238	< 5	0.94	0.2	< 5	910	< 0.5	< 2	0.09	0.5	5	11	6	1.27	< 10	< 1	0.13	30	0.26	97
L9W 244-25S	203 238	< 5	1.04	0.4	< 5	440	< 0.5	< 2	0.08	0.5	4	7	10	1.58	< 10	< 1	0.15	20	0.32	126
L9W 244-50S	203 238	20	0.79	0.2	< 5	400	< 0.5	< 2	0.06	< 0.5	< 1	3	4	1.38	< 10	< 1	0.24	30	0.18	86
L1 IW 104-00S	203 238	5	1.23	0.2	5	330	< 0.5	< 2	0.22	< 0.5	5	18	13	1.77	< 10	< 1	0.11	30	0.50	178
L1 IW 104-25S	203 238	< 5	1.34	0.2	5	290	< 0.5	< 2	0.21	< 0.5	7	17	11	1.98	< 10	< 1	0.13	30	0.48	191
L1 IW 104-50S	203 238	< 5	1.09	0.2	5	250	< 0.5	< 2	0.34	< 0.5	7	16	19	1.92	< 10	< 1	0.17	40	0.60	257
L1 IW 104-75S	203 238	< 5	1.17	0.2	10	350	< 0.5	< 2	0.27	< 0.5	7	18	14	1.86	< 10	< 1	0.13	30	0.50	206
L1 IW 114-00S	203 238	< 5	1.19	0.2	< 5	380	< 0.5	< 2	0.31	< 0.5	6	19	14	1.83	< 10	< 1	0.10	30	0.46	188
L1 IW 114-25S	203 238	< 5	1.19	0.2	< 5	360	< 0.5	< 2	0.24	< 0.5	8	18	11	1.77	< 10	< 1	0.11	30	0.40	217
L1 IW 114-50S	203 238	< 5	1.46	0.2	5	390	< 0.5	< 2	0.22	< 0.5	6	20	12	1.97	< 10	< 1	0.11	30	0.45	188
L1 IW 114-75S	203 238	< 5	1.26	0.2	10	410	< 0.5	< 2	0.35	< 0.5	7	18	17	2.19	< 10	2	0.17	30	0.49	209

CERTIFICATION :



# 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

1900 - 999 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6C 2W2

Project: DAWSON

Comments: ATTN: ART TROUP CC: P. GRUNENBERG

Page No. 3-B

Tot. Pgs. 8

Date: 5-JUL-87

Invoice #: I-8717048

P.O. #: AOR DE1

## CERTIFICATE OF ANALYSIS A8717048

SAMPLE DESCRIPTION	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Se	Sr	Tl	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
L9W 16+75S	203	238	< 1	< 0.01	15	630	24	< 5	< 10	15	0.14	< 10	< 10	20	< 5	95
L9W 17+00S	203	238	< 1	< 0.01	9	320	22	< 5	< 10	12	0.08	10	< 10	28	< 5	72
L9W 17+25S	203	238	< 1	< 0.01	12	380	10	< 5	< 10	17	0.06	10	< 10	20	< 5	71
L9W 17+50S	203	238	< 1	< 0.01	9	470	8	< 5	< 10	22	0.04	< 10	< 10	34	< 5	59
L9W 17+75S	203	238	< 1	< 0.01	19	960	24	< 5	< 10	31	0.06	10	< 10	24	< 5	120
L9W 18+00S	203	238	< 1	< 0.01	8	480	12	< 5	< 10	21	0.06	10	< 10	21	< 5	65
L9W 18+25S	203	238	< 1	< 0.01	11	510	16	< 5	< 10	25	0.05	10	< 10	18	< 5	63
L9W 18+50S	203	238	< 1	< 0.01	13	320	14	< 5	< 10	26	0.06	10	< 10	28	< 5	51
L9W 18+75S	203	238	< 1	< 0.01	12	330	16	< 5	< 10	20	0.05	< 10	< 10	23	< 5	55
L9W 19+00S	203	238	< 1	< 0.01	11	360	18	< 5	< 10	24	0.04	10	< 10	20	< 5	60
L9W 19+25S	203	238	< 1	< 0.01	19	950	26	< 5	< 10	34	0.08	10	< 10	26	< 5	95
L9W 19+50S	203	238	< 1	< 0.01	16	330	12	< 5	< 10	27	0.06	10	< 10	27	< 5	65
L9W 19+75S	203	238	< 1	< 0.03	17	300	22	< 5	< 10	30	0.07	10	< 10	36	< 5	60
L9W 20+00S	203	238	< 1	< 0.01	15	430	16	< 5	< 10	26	0.03	10	< 10	20	< 5	75
L9W 20+25S	203	238	< 1	< 0.01	7	290	64	< 5	< 10	19	0.02	10	< 10	9	< 5	63
L9W 20+50S	203	238	< 1	< 0.02	14	190	22	< 5	< 10	26	0.05	10	< 10	29	< 5	60
L9W 20+75S	203	238	< 1	< 0.02	13	210	18	< 5	< 10	29	0.04	10	< 10	31	< 5	52
L9W 21+00S	203	238	< 1	< 0.02	10	270	10	< 5	< 10	27	0.03	10	< 10	25	< 5	49
L9W 21+25S	203	238	< 1	< 0.01	7	230	24	< 5	< 10	18	0.02	< 10	< 10	18	< 5	46
L9W 21+50S	203	238	< 1	< 0.01	16	380	22	< 5	< 10	25	0.02	< 10	< 10	30	< 5	71
L9W 21+75S	203	238	< 1	< 0.01	9	170	8	< 5	< 10	10	0.03	< 10	< 10	26	< 5	49
L9W 22+00S	203	238	< 1	< 0.01	16	260	30	< 5	< 10	16	0.02	< 10	< 10	36	< 5	129
L9W 22+25S	203	238	< 1	< 0.01	17	310	22	< 5	< 10	18	0.02	< 10	< 10	44	< 5	196
L9W 22+50S	203	238	< 1	< 0.01	14	330	34	< 5	< 10	16	< 0.01	< 10	< 10	35	< 5	128
L9W 22+75S	203	238	< 1	< 0.01	22	250	40	< 5	< 10	16	0.02	< 10	< 10	42	< 5	128
L9W 23+00S	203	238	< 1	< 0.01	26	820	26	< 5	< 10	29	< 0.01	< 10	< 10	31	< 5	221
L9W 23+25S	203	238	< 1	< 0.01	10	340	18	< 5	< 10	17	0.02	< 10	< 10	28	< 5	86
L9W 23+50S	203	238	< 1	< 0.01	2	50	4	< 5	< 10	5	< 0.01	< 10	< 10	5	< 5	34
L9W 23+75S	203	238	< 1	< 0.01	8	70	6	< 5	< 10	10	0.03	< 10	< 10	24	< 5	47
L9W 24+00S	203	238	< 1	< 0.01	7	50	6	< 5	< 10	14	0.03	< 10	< 10	20	< 5	33
L9W 24+25S	203	238	< 1	< 0.01	5	80	54	< 5	< 10	11	0.02	< 10	< 10	16	< 5	248
L9W 24+50S	203	238	< 1	< 0.01	2	150	8	< 5	< 10	8	< 0.01	< 10	< 10	10	< 5	56
L11W 10+00S	203	238	< 1	< 0.01	10	220	20	< 5	< 10	21	0.07	< 10	< 10	29	< 5	52
L11W 10+25S	203	238	< 1	< 0.01	9	270	24	< 5	< 10	20	0.07	< 10	< 10	33	< 5	50
L11W 10+50S	203	238	< 1	< 0.01	10	660	20	< 5	< 10	30	0.06	< 10	< 10	23	< 5	58
L11W 10+75S	203	238	< 1	< 0.01	11	320	8	< 5	< 10	25	0.07	< 10	< 10	30	< 5	49
L11W 11+00S	203	238	< 1	< 0.01	12	270	12	< 5	< 10	28	0.07	< 10	< 10	33	< 5	45
L11W 11+25S	203	238	< 1	< 0.01	10	290	10	< 5	< 10	23	0.07	< 10	< 10	32	< 5	44
L11W 11+50S	203	238	< 1	< 0.01	11	310	10	< 5	< 10	22	0.07	< 10	< 10	36	< 5	46
L11W 11+75S	203	238	< 1	< 0.01	12	690	12	< 5	< 10	28	0.07	< 10	< 10	26	< 5	62

CERTIFICATION:



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers  
312 BROOKBANK AVE., NORTH VANCOUVER,  
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To: MARK MANAGEMENT LIMITED

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V6C 2K2

Project: DAWSON

Comments: ATYM: ART TROUP CC: P. GRUBENBERG

Page No. 1-A

Tot. Pgs. 1

Date: 5-JUL-87

Invoice #: I-8717048

P.O. #: AOR DE1

## CERTIFICATE OF ANALYSIS A8717048

SAMPLE DESCRIPTION	PREP CODE	Au ppb RUSS	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Cu %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
LIN 124005	203 238	< 4	1.27	0.2	5	400	< 0.5	< 2	0.28	< 0.5	7	18	11	1.82	< 10	2	0.11	30	0.46	224
LIN 124235	203 238	< 5	1.18	0.2	5	310	< 0.5	< 2	0.29	< 0.5	6	18	10	1.82	< 10	2	0.13	20	0.43	178
LIN 124305	203 238	< 5	1.54	0.1	< 5	290	< 0.5	< 2	0.17	< 0.5	8	23	11	2.28	< 10	2	0.10	20	0.43	230
LIN 124735	203 238	25	1.26	0.2	< 5	260	< 0.5	< 2	0.25	< 0.5	7	16	9	1.97	< 10	2	0.11	20	0.37	240
LIN 124005	203 238	15	1.23	0.2	< 5	310	< 0.5	< 2	0.23	< 0.5	6	17	11	1.98	< 10	2	0.06	20	0.39	169
LIN 134315	203 238	5	1.17	0.2	< 5	340	< 0.5	< 2	0.25	< 0.5	7	18	13	1.90	< 10	1	0.09	30	0.43	194
LIN 134305	203 238	10	1.37	0.2	< 5	370	< 0.5	< 2	0.24	< 0.5	7	21	16	2.18	< 10	1	0.07	20	0.48	208
LIN 134735	203 238	< 5	< 0.01	0.2	< 10	< 10	< 0.5	< 2	< 0.01	< 0.5	< 1	< 1	< 1	< 0.01	< 10	2	< 0.01	< 10	< 0.01	< 1
LIN 144005	203 238	< 5	1.42	0.4	< 5	290	< 0.5	< 2	0.20	< 0.5	7	18	13	2.29	< 10	1	0.14	20	0.49	213
LIN 144235	203 238	< 5	1.47	0.4	< 5	330	< 0.5	< 2	0.24	< 0.5	8	20	11	2.13	< 10	< 1	0.10	30	0.57	214
LIN 144305	203 238	< 5	1.49	0.2	5	270	< 0.5	< 2	0.20	< 0.5	8	20	9	2.19	< 10	< 1	0.09	20	0.46	185
LIN 144735	203 238	< 5	1.11	0.2	5	240	< 0.5	< 2	0.21	< 0.5	7	15	11	2.05	< 10	< 1	0.16	30	0.52	215
LIN 154005	203 238	< 5	1.32	0.2	10	260	< 0.5	< 2	0.20	< 0.5	8	20	13	2.41	< 10	1	0.12	20	0.51	250
LIN 154235	203 238	< 5	1.24	0.2	5	350	< 0.5	< 2	0.19	< 0.5	8	20	13	2.14	< 10	2	0.12	30	0.52	229
LIN 154305	203 238	< 5	1.53	0.4	5	310	< 0.5	< 2	0.16	< 0.5	8	20	11	2.34	< 10	< 1	0.12	20	0.49	203
LIN 164735	203 238	< 5	1.33	0.2	5	270	< 0.5	< 2	0.19	< 0.5	7	19	12	2.09	< 10	1	0.12	20	0.50	210
LIN 164005	203 238	< 5	1.33	0.2	5	310	< 0.5	< 2	0.23	< 0.5	8	20	14	2.25	< 10	1	0.13	30	0.52	274
LIN 164235	203 238	< 5	1.49	0.2	5	370	< 0.5	< 2	0.17	< 0.5	8	23	14	2.42	< 10	2	0.12	30	0.61	223
LIN 164305	203 238	< 5	1.15	0.2	5	330	< 0.5	< 2	0.27	< 0.5	7	18	17	2.31	< 10	< 1	0.12	30	0.63	291
LIN 164735	203 238	< 5	1.32	0.2	5	320	< 0.5	< 2	0.14	< 0.5	7	22	14	2.40	< 10	2	0.11	30	0.63	222
LIN 174005	203 238	< 5	1.64	0.4	5	270	< 0.5	< 2	0.15	< 0.5	7	23	11	2.39	< 10	< 2	0.12	20	0.56	217
LIN 174235	203 238	< 5	1.67	0.4	5	270	< 0.5	< 2	0.13	< 0.5	8	21	14	2.65	< 10	< 1	0.16	40	0.96	300
LIN 174305	203 238	< 5	1.72	0.2	5	240	< 0.5	< 2	0.04	< 0.5	8	14	15	2.87	< 10	1	0.23	60	1.05	279
LIN 184735	203 238	140	1.39	0.2	5	280	< 0.5	< 2	0.14	< 0.5	7	29	11	2.20	< 10	2	0.11	20	0.52	185
LIN 184005	203 238	35	1.11	0.2	5	260	< 0.5	< 2	0.05	< 0.5	8	11	11	1.69	< 10	< 1	0.17	40	0.50	184
LIN 184735	203 238	< 5	1.12	0.2	5	350	< 0.5	< 2	0.04	< 0.5	7	9	5	1.76	< 10	< 1	0.17	40	0.39	142
LIN 184305	203 238	25	1.10	0.2	5	290	< 0.5	< 2	0.9	< 0.5	5	12	8	1.82	< 10	< 1	0.16	30	0.40	124
LIN 184735	203 238	5	0.91	0.2	5	280	< 0.5	< 2	0.06	< 0.5	5	10	8	1.37	< 10	< 1	0.15	30	0.25	100
LIN 194005	203 238	< 5	1.00	0.2	5	250	< 0.5	< 2	0.08	< 0.5	5	10	7	1.33	< 10	< 1	0.16	40	0.32	97
LIN 194235	203 238	5	1.12	0.4	5	340	< 0.5	< 2	0.08	< 0.5	5	12	8	1.49	< 10	< 1	0.18	40	0.34	106
LIN 194305	203 238	< 5	0.92	0.2	5	290	< 0.5	< 1	0.04	< 0.5	5	10	8	1.23	< 10	< 1	0.19	50	0.20	80
LIN 194735	203 238	< 5	2.01	0.6	5	310	< 0.5	< 2	0.14	< 0.5	5	28	12	2.57	< 10	< 1	0.15	20	0.51	198
LIN 204005	203 238	5	0.41	0.2	10	210	< 0.5	< 2	0.02	< 0.5	< 1	2	4	0.39	< 10	< 1	0.23	40	0.06	52
LIN 204235	203 238	110	0.73	0.2	123	290	< 0.5	< 2	0.03	< 0.5	< 1	4	7	0.88	< 10	2	0.27	40	0.22	87
LIN 204305	203 238	1430	0.66	0.8	605	350	< 0.5	< 2	0.03	1.5	6	3	28	2.07	< 10	2	0.29	50	0.42	213
LIN 214735	203 238	< 5	0.82	0.2	10	240	< 0.5	< 2	0.05	< 0.5	4	8	8	1.06	< 10	1	0.15	20	0.14	97
LIN 214005	203 238	30	1.78	0.2	10	390	< 0.5	< 2	0.16	< 0.5	7	32	23	2.68	< 10	2	0.10	20	0.43	205
LIN 214235	203 238	55	1.17	0.2	10	340	< 0.5	< 2	0.18	< 0.5	7	20	13	1.79	< 10	2	0.11	30	0.36	158
LIN 214305	203 238	35	1.32	0.6	10	330	< 0.5	< 2	0.17	< 0.5	6	23	12	2.00	< 10	2	0.11	20	0.36	183
LIN 214735	203 238	25	1.47	0.4	15	240	< 0.5	< 2	0.15	< 0.5	7	16	14	2.15	< 10	1	0.13	20	0.66	192

CERTIFICATION: *[Signature]*



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers  
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Project: DAWSON

Comments: ATTN: ART TROUP CC: P. GRUNENBERG

Page No. 4-B  
Tot. Pages 5-JUL-87  
Date Invoice #: I-8717048  
P.O. # : AOR DE1

## CERTIFICATE OF ANALYSIS A8717048

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Nb %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
LI TW 12+00S	203 238	< 1	< 0.01	10	290	8	< 5	< 10	26	0.08	< 10	< 10	32	< 5	45
LI TW 12+25S	203 238	< 1	< 0.01	10	440	14	< 5	< 10	24	0.06	< 10	< 10	29	< 5	48
LI TW 12+50S	203 238	< 1	< 0.01	11	210	14	< 5	< 10	17	0.07	< 10	< 10	42	< 5	48
LI TW 12+75S	203 238	< 1	< 0.01	11	470	12	< 5	< 10	17	0.06	< 10	< 10	33	< 5	42
LI TW 13+00S	203 238	< 1	< 0.01	10	350	8	< 5	< 10	19	0.05	< 10	< 10	35	< 5	43
LI TW 13+25S	203 238	< 1	< 0.01	10	420	12	< 5	< 10	21	0.06	< 10	< 10	32	< 5	47
LI TW 13+50S	203 238	< 1	< 0.01	12	280	12	< 5	< 10	21	0.06	< 10	< 10	37	< 5	51
LI TW 13+75S	203 238	< 1	< 0.01	< 1	< 10	< 2	< 5	< 10	< 1	< 0.01	< 10	< 10	< 1	< 5	< 1
LI TW 14+00S	203 238	< 1	< 0.01	11	460	14	< 5	< 10	19	0.06	< 10	< 10	33	< 5	51
LI TW 14+25S	203 238	< 1	< 0.01	11	360	16	< 5	< 10	23	0.07	< 10	< 10	35	< 5	49
LI TW 14+50S	203 238	< 1	< 0.01	12	290	14	< 5	< 10	19	0.07	< 10	< 10	40	< 5	45
LI TW 14+75S	203 238	< 1	< 0.01	11	530	8	< 5	< 10	19	0.06	< 10	< 10	23	< 5	51
LI TW 15+00S	203 238	< 1	< 0.01	11	340	8	< 5	< 10	19	0.08	< 10	< 10	37	< 5	50
LI TW 15+25S	203 238	< 1	< 0.01	12	190	12	< 5	< 10	20	0.08	< 10	< 10	31	< 5	47
LI TW 15+50S	203 238	< 1	< 0.01	11	180	12	< 5	< 10	17	0.08	< 10	< 10	36	< 5	47
LI TW 15+75S	203 238	< 1	< 0.01	10	220	10	< 5	< 10	19	0.10	< 10	< 10	30	< 5	42
LI TW 16+00S	203 238	< 1	< 0.01	13	270	14	< 5	< 10	22	0.11	< 10	< 10	33	< 5	47
LI TW 16+25S	203 238	< 1	< 0.01	13	130	14	< 5	< 10	18	0.08	< 10	< 10	37	< 5	50
LI TW 16+50S	203 238	< 1	< 0.01	12	360	8	< 5	< 10	24	0.12	< 10	< 10	25	< 5	51
LI TW 16+75S	203 238	< 1	< 0.01	11	180	6	< 5	< 10	14	0.07	< 10	< 10	33	< 5	48
LI TW 17+00S	203 238	< 1	< 0.01	11	190	8	< 5	< 10	15	0.08	< 10	< 10	40	< 5	42
LI TW 17+25S	203 238	< 1	< 0.01	12	250	16	< 5	< 10	14	0.05	< 10	< 10	30	< 5	61
LI TW 17+50S	203 238	< 1	< 0.01	10	210	8	< 5	< 10	8	0.04	< 10	< 10	18	< 5	74
LI TW 17+75S	203 238	< 1	< 0.01	10	150	12	< 5	< 10	15	0.06	< 10	< 10	34	< 5	49
LI TW 18+00S	203 238	< 1	< 0.01	7	150	4	< 5	< 10	10	0.01	< 10	< 10	13	< 5	44
LI TW 18+25S	203 238	< 1	< 0.01	7	150	12	< 5	< 10	8	0.01	< 10	< 10	13	< 5	39
LI TW 18+50S	203 238	< 1	< 0.01	7	120	12	< 5	< 10	10	0.03	< 10	< 10	24	< 5	36
LI TW 18+75S	203 238	< 1	< 0.01	5	110	12	< 5	< 10	8	0.02	< 10	< 10	19	< 5	22
LI TW 19+00S	203 238	< 1	< 0.01	6	150	18	< 5	< 10	10	0.03	< 10	< 10	18	< 5	27
LI TW 19+25S	203 238	< 1	< 0.01	8	110	16	< 5	< 10	11	0.03	< 10	< 10	21	< 5	29
LI TW 19+50S	203 238	< 1	< 0.01	5	110	16	< 5	< 10	7	0.02	< 10	< 10	16	< 5	23
LI TW 19+75S	203 238	< 1	< 0.01	12	120	28	< 5	< 10	17	0.08	< 10	< 10	46	< 5	55
LI TW 20+00S	203 238	< 1	< 0.01	2	110	12	< 5	< 10	3	< 0.01	< 10	< 10	5	< 5	14
LI TW 20+25S	203 238	< 1	< 0.01	3	70	20	< 5	< 10	5	0.01	< 10	< 10	6	< 5	23
LI TW 20+50S	203 238	< 1	< 0.01	5	250	24	< 5	< 10	85	0.01	< 10	< 10	5	< 5	59
LI TW 20+75S	203 238	< 1	< 0.01	5	90	8	< 5	< 10	7	0.02	< 10	< 10	16	< 5	21
LI TW 21+00S	203 238	< 1	< 0.01	19	100	16	< 5	< 10	20	0.08	< 10	< 10	53	< 5	46
LI TW 21+25S	203 238	< 1	< 0.01	12	160	18	< 5	< 10	18	0.06	< 10	< 10	35	< 5	32
LI TW 21+50S	203 238	< 1	< 0.01	11	120	16	< 5	< 10	18	0.07	< 10	< 10	43	< 5	34
LI TW 21+75S	203 238	< 1	< 0.01	10	170	14	< 5	< 10	14	0.04	< 10	< 10	31	< 5	56

CERTIFICATION :



# Chemex Labs Ltd.

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Project: DAWSON

Comments: ATTN: ART TROUP CC: P. GRUNENBERG

Page No. 5-A

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Date 5-JUL-87

Invoice #: I-8717048

P.O. #: AOR DE1

## CERTIFICATE OF ANALYSIS A8717048

SAMPLE DESCRIPTION	PREP CODE	Au	Al	Ag	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
		ppb RUSH	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
LIW 22+00S	203 238	35	2.40	0.4	20	300	< 0.5	< 2	0.08	0.5	7	23	30	3.58	< 10	< 1	0.11	40	1.59	385
LIW 22+25S	203 238	15	1.72	0.4	15	280	< 0.5	< 2	0.07	0.5	7	15	14	2.26	< 10	< 1	0.17	30	0.75	223
LIW 22+50S	203 238	5	1.40	0.2	25	420	< 0.5	< 2	0.11	< 0.5	6	12	11	1.87	< 10	< 1	0.14	20	0.61	183
LIW 23+00S	203 238	< 5	1.15	0.2	20	330	< 0.5	< 2	0.06	< 0.5	5	8	8	1.59	< 10	< 1	0.12	30	0.47	147
LIW 23+25S	203 238	< 5	1.52	0.2	10	410	< 0.5	< 2	0.12	< 0.5	6	17	11	2.01	< 10	< 1	0.14	30	0.54	202
LIW 23+50S	203 238	< 5	1.61	0.2	< 5	440	< 0.5	< 2	0.11	< 0.5	5	11	7	2.11	< 10	< 1	0.15	30	0.50	183
LIW 24+75S	203 238	< 5	1.08	0.2	< 5	310	< 0.5	< 2	0.14	< 0.5	6	16	10	1.71	< 10	< 1	0.10	20	0.35	142
LIW 24+00S	203 238	< 5	0.63	0.2	< 5	330	< 0.5	< 2	0.09	< 0.5	< 1	3	2	0.73	< 10	< 1	0.14	10	0.09	110
LIW 24+25S	203 238	< 5	0.67	0.2	< 5	270	< 0.5	< 2	0.07	< 0.5	< 1	6	4	0.85	< 10	< 1	0.10	10	0.12	53
LIW 24+50S	203 238	< 5	1.00	0.2	< 5	420	< 0.5	< 2	0.13	< 0.5	6	12	7	1.33	< 10	< 1	0.12	20	0.24	119
LIW 24+75S	203 238	< 5	1.06	0.2	< 5	270	< 0.5	< 2	0.15	< 0.5	5	13	6	1.48	< 10	< 1	0.11	20	0.23	133
LIW 25+00S	203 238	< 5	1.75	0.2	< 5	430	< 0.5	< 2	0.19	0.5	8	25	10	2.50	< 10	< 1	0.13	10	0.40	402
LIW 25+25S	203 238	< 5	0.46	0.2	< 5	230	< 0.5	< 2	0.09	< 0.5	< 1	1	2	0.49	< 10	< 1	0.19	10	0.03	55
LIW 25+50S	203 238	< 5	0.89	0.2	< 5	380	< 0.5	< 2	0.13	< 0.5	4	11	4	1.37	< 10	< 1	0.15	10	0.19	128
LIW 10+00S	203 238	< 5	1.21	0.4	30	310	< 0.5	< 2	0.13	< 0.5	4	11	11	1.58	< 10	< 1	0.23	20	0.39	200
LIW 10+25S	203 238	60	0.90	0.2	40	190	< 0.5	< 2	0.12	< 0.5	4	9	9	1.35	< 10	< 1	0.18	30	0.36	151
LIW 10+50S	203 238	20	1.11	0.6	35	340	< 0.5	< 2	0.17	0.5	6	10	13	1.56	< 10	< 1	0.24	20	0.37	301
LIW 10+75S	203 238	15	0.97	0.2	25	190	< 0.5	< 2	0.16	< 0.5	4	11	10	1.42	< 10	< 1	0.19	30	0.38	141
LIW 11+00S	203 238	30	1.47	0.4	30	310	< 0.5	< 2	0.19	< 0.5	6	15	15	1.94	< 10	< 1	0.26	30	0.47	282
LIW 11+25S	203 238	10	1.21	0.6	15	230	< 0.5	< 2	0.18	< 0.5	4	13	11	1.56	< 10	< 1	0.18	30	0.42	210
LIW 11+50S	203 238	15	1.25	0.6	30	340	< 0.5	< 2	0.19	< 0.5	6	16	15	1.63	< 10	< 1	0.23	20	0.36	416
LIW 11+75S	203 238	< 5	1.25	0.6	25	270	< 0.5	< 2	0.22	< 0.5	4	15	11	1.53	< 10	< 1	0.21	20	0.37	212
LIW 12+00S	203 238	< 5	1.21	0.4	15	240	< 0.5	< 2	0.21	< 0.5	4	15	11	1.64	< 10	< 1	0.18	20	0.39	169
LIW 12+25S	203 238	< 5	1.58	0.4	25	270	< 0.5	< 2	0.24	< 0.5	5	21	16	2.28	< 10	< 1	0.22	20	0.51	174
LIW 12+50S	203 238	15	1.76	0.8	20	470	< 0.5	< 2	0.28	0.5	8	20	22	2.27	< 10	< 1	0.26	30	0.51	377
LIW 12+75S	203 238	< 5	1.16	0.4	15	380	< 0.5	< 2	0.29	< 0.5	4	17	11	1.62	< 10	< 1	0.15	20	0.37	224
LIW 13+00S	203 238	< 5	1.08	0.2	15	350	< 0.5	< 2	0.21	< 0.5	3	14	9	1.42	< 10	< 1	0.17	30	0.22	175
LIW 13+25S	203 238	< 5	1.22	0.2	10	260	< 0.5	< 2	0.20	< 0.5	7	20	14	2.00	< 10	< 1	0.29	30	0.36	830
LIW 13+50S	203 238	5	1.41	0.2	5	260	< 0.5	< 2	0.20	0.5	6	21	24	1.93	< 10	< 1	0.30	20	0.49	140
LIW 13+75S	203 238	< 5	1.51	0.8	25	820	< 0.5	< 2	0.43	1.0	8	25	44	2.23	< 10	< 1	0.24	50	0.36	765
LIW 14+00S	203 238	< 5	1.42	0.6	10	420	< 0.5	< 2	0.27	0.5	3	25	17	1.58	< 10	< 1	0.16	30	0.34	113
LIW 14+25S	203 238	< 5	1.59	0.2	20	270	< 0.5	< 2	0.25	< 0.5	6	23	11	2.26	< 10	< 1	0.15	20	0.43	230
LIW 14+50S	203 238	< 5	1.35	0.4	20	240	< 0.5	< 2	0.24	< 0.5	5	20	11	1.91	< 10	2	0.13	20	0.39	169
LIW 14+75S	203 238	< 5	1.27	0.2	< 5	210	< 0.5	< 2	0.22	< 0.5	5	18	9	1.83	< 10	3	0.13	20	0.39	153
LIW 15+00S	203 238	10	1.77	0.2	5	300	< 0.5	< 2	0.27	< 0.5	7	24	15	2.35	< 10	1	0.15	20	0.48	214
LIW 15+25S	203 238	< 5	1.65	0.2	10	320	< 0.5	< 2	0.34	< 0.5	7	25	12	2.18	< 10	1	0.14	20	0.49	200
LIW 15+50S	203 238	< 5	1.14	0.2	15	380	< 0.5	< 2	0.57	< 0.5	8	21	20	1.95	< 10	1	0.13	20	0.51	359
LIW 15+75S	203 238	< 5	1.68	0.2	10	240	0.5	< 2	0.39	0.5	16	26	19	2.62	< 10	2	0.33	50	0.75	1030
LIW 16+00S	203 238	< 5	1.50	0.2	15	470	< 0.5	< 2	0.41	< 0.5	8	26	18	2.15	< 10	< 1	0.12	20	0.46	356
LIW 16+25S	203 238	< 5	1.42	0.2	15	550	< 0.5	< 2	0.52	< 0.5	10	25	23	2.27	< 10	3	0.11	20	0.48	450

CERTIFICATION :



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Comments: ATTN: ART TROUP CC: P. GRUNENBERG

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Date

Invoice #: I-8717048

P.O. #: AOR DE1

5-JUL-87

## CERTIFICATE OF ANALYSIS A8717048

SAMPLE DESCRIPTION	PREP CODE		Mo	Nb	Ni	P	Pb	Sb	Se	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
L1 W 22400S	203	238	< 1	< 0.01	22	250	18	< 5	< 10	20	0.01	< 10	< 10	38	< 5	131
L1 W 22425S	203	238	< 1	< 0.01	9	140	22	< 5	< 10	11	0.02	< 10	< 10	27	< 5	74
L1 W 22450S	203	238	< 1	< 0.01	9	90	6	< 5	< 10	14	0.03	< 10	< 10	22	< 5	58
L1 W 23400S	203	238	< 1	< 0.01	6	70	10	< 5	< 10	8	0.02	< 10	< 10	15	< 5	51
L1 W 23425S	203	238	< 1	< 0.01	10	100	6	< 5	< 10	15	0.04	< 10	< 10	30	< 5	52
L1 W 23450S	203	238	< 1	< 0.01	8	80	10	< 5	< 10	12	0.03	< 10	< 10	27	< 5	46
L1 W 23475S	203	238	< 1	< 0.01	13	80	12	< 5	< 10	14	0.05	< 10	< 10	30	< 5	36
L1 W 24400S	203	238	< 1	< 0.01	3	60	10	< 5	< 10	13	0.01	< 10	< 10	13	< 5	18
L1 W 24425S	203	238	< 1	< 0.01	5	30	6	< 5	< 10	13	0.01	< 10	< 10	12	< 5	19
L1 W 24450S	203	238	< 1	< 0.01	6	70	10	< 5	< 10	16	0.03	< 10	< 10	23	< 5	27
L1 W 24475S	203	238	< 1	< 0.01	7	70	14	< 5	< 10	19	0.05	< 10	< 10	33	< 5	28
L1 W 25400S	203	238	< 1	< 0.01	13	210	8	< 5	< 10	21	0.08	< 10	< 10	53	< 5	50
L1 W 25425S	203	238	< 1	< 0.01	1	30	8	< 5	< 10	15	0.01	< 10	< 10	5	< 5	19
L1 W 25450S	203	238	< 1	< 0.01	7	110	4	< 5	< 10	14	0.04	< 10	< 10	25	< 5	37
L1 W 10400S	203	238	< 1	< 0.01	10	190	44	< 5	< 10	14	0.05	10	< 10	22	< 5	51
L1 W 10425S	203	238	< 1	< 0.01	6	240	26	< 5	< 10	13	0.04	10	< 10	14	< 5	46
L1 W 10450S	203	238	< 1	< 0.01	8	380	38	< 5	< 10	19	0.04	10	< 10	17	< 5	56
L1 W 10475S	203	238	< 1	< 0.01	7	260	30	< 5	< 10	16	0.04	10	< 10	17	< 5	48
L1 W 11400S	203	238	< 1	< 0.01	9	330	44	< 5	< 10	19	0.05	10	< 10	25	< 5	61
L1 W 11425S	203	238	< 1	< 0.01	8	260	46	< 5	< 10	18	0.05	10	< 10	22	< 5	61
L1 W 11450S	203	238	< 1	< 0.01	7	330	62	< 5	< 10	21	0.04	10	< 10	24	< 5	58
L1 W 11475S	203	238	< 1	< 0.01	9	240	56	< 5	< 10	20	0.05	10	< 10	27	< 5	58
L1 W 12400S	203	238	< 1	< 0.01	7	220	42	< 5	< 10	20	0.05	10	< 10	28	< 5	66
L1 W 12425S	203	238	< 1	< 0.01	14	460	30	< 5	< 10	19	0.06	10	< 10	32	< 5	73
L1 W 12450S	203	238	< 1	< 0.01	11	670	68	< 5	< 10	28	0.06	20	< 10	28	< 5	94
L1 W 12475S	203	238	< 1	< 0.01	10	430	12	< 5	< 10	26	0.06	20	< 10	28	< 5	44
L1 W 13400S	203	238	< 1	< 0.01	6	510	32	< 5	< 10	21	0.06	20	< 10	30	< 5	33
L1 W 13425S	203	238	< 1	< 0.01	10	820	14	< 5	< 10	19	0.07	20	< 10	35	< 5	50
L1 W 13450S	203	238	< 1	< 0.01	13	400	26	< 5	< 10	21	0.07	10	< 10	28	< 5	59
L1 W 13475S	203	238	2	< 0.01	22	840	26	< 5	< 10	42	0.04	30	< 10	34	< 5	58
L1 W 14400S	203	238	< 1	< 0.01	14	660	18	< 5	< 10	28	0.04	20	< 10	26	< 5	54
L1 W 14425S	203	238	< 1	< 0.01	13	420	12	< 5	< 10	22	0.08	10	< 10	43	< 5	53
L1 W 14450S	203	238	< 1	< 0.01	14	400	4	< 5	< 10	20	0.08	10	< 10	38	< 5	46
L1 W 14475S	203	238	< 1	< 0.01	11	440	10	< 5	< 10	19	0.07	10	< 10	34	< 5	45
L1 W 15400S	203	238	< 1	< 0.01	16	440	14	< 5	< 10	23	0.08	10	< 10	44	< 5	57
L1 W 15425S	203	238	< 1	< 0.01	15	470	10	< 5	< 10	29	0.09	10	< 10	44	< 5	56
L1 W 15450S	203	238	< 1	< 0.02	20	590	16	< 5	< 10	33	0.07	20	< 10	38	< 5	56
L1 W 15475S	203	238	< 1	< 0.01	18	750	26	< 5	< 10	36	0.02	20	< 10	25	< 5	64
L1 W 16400S	203	238	< 1	< 0.01	17	550	< 2	< 5	< 10	36	0.08	10	< 10	43	< 5	63
L1 W 16425S	203	238	< 1	< 0.02	20	560	4	< 5	< 10	34	0.07	10	< 10	44	< 5	62

CERTIFICATION :



# 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

1900 - 999 W. HASTINGS ST.  
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V6C 2W2

Project: DAWSON

Comments: ATTN: ART TROUP CC: P. GRUNENBERG

Page No: 6-A  
Tot. Pgs: 8  
Date: 5-JUL-87  
Invoice #: 1-8717048  
P.O. #: ACR DE1

## CERTIFICATE OF ANALYSIS A8717048

SAMPLE DESCRIPTION	PREP CODE	Au ppb RUSH	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
L13W 16450S	203 238	10	1.35	0.2	10	400	< 0.5	< 2	0.52	< 0.5	9	25	21	2.36	< 10	1	0.12	20	0.51	365
L13W 16475S	203 238	< 5	1.45	0.2	10	430	< 0.5	< 2	0.39	< 0.5	8	25	20	2.27	< 10	1	0.15	20	0.48	399
L13W 17400S	203 238	5	1.76	0.2	20	480	< 0.5	< 2	0.35	< 0.5	10	23	19	2.40	< 10	2	0.20	20	0.52	757
L13W 17425S	203 238	< 5	1.63	0.2	5	540	< 0.5	< 2	0.36	< 0.5	8	27	22	2.31	< 10	1	0.14	30	0.52	340
L13W 17450S	203 238	20	1.46	0.2	15	300	< 0.5	< 2	0.26	< 0.5	7	23	14	2.18	< 10	< 1	0.15	20	0.51	245
L13W 17475S	203 238	5	1.61	0.2	10	280	< 0.5	< 2	0.26	< 0.5	7	26	18	2.31	< 10	< 1	0.12	20	0.50	200
L13W 18400S	203 238	80	1.47	0.6	10	290	< 0.5	< 2	0.24	< 0.5	8	20	19	2.71	< 10	1	0.33	30	0.67	374
L13W 18425S	203 238	35	1.22	0.4	25	380	< 0.5	< 2	0.15	< 0.5	9	14	17	1.92	< 10	1	0.28	50	0.43	397
L13W 18450S	203 238	10	1.61	0.4	10	260	< 0.5	< 2	0.21	< 0.5	8	22	12	2.31	< 10	1	0.15	20	0.52	271
L13W 18475S	203 238	25	1.51	0.2	5	310	< 0.5	< 2	0.22	< 0.5	6	22	14	2.08	< 10	2	0.14	20	0.43	162
L13W 19400S	203 238	10	1.45	0.2	10	400	< 0.5	< 2	0.15	< 0.5	6	20	11	1.94	< 10	< 1	0.16	30	0.37	140
L13W 19425S	203 238	< 5	1.55	0.2	< 5	400	< 0.5	< 2	0.13	< 0.5	6	20	10	2.08	< 10	< 1	0.15	20	0.34	167
L13W 19450S	203 238	20	1.17	0.4	15	360	< 0.5	< 2	0.13	< 0.5	4	14	12	1.53	< 10	4	0.20	40	0.37	121
L13W 19475S	203 238	10	1.76	0.2	< 5	300	< 0.5	< 2	0.15	< 0.5	7	24	15	2.54	< 10	< 1	0.16	20	0.47	182
L13W 20400S	203 238	20	1.48	0.2	15	330	< 0.5	< 2	0.18	< 0.5	7	23	15	2.14	< 10	< 1	0.17	30	0.49	224
L13W 20425S	203 238	45	1.19	0.2	45	330	< 0.5	< 2	0.16	< 0.5	5	15	11	1.73	< 10	1	0.19	30	0.39	210
L13W 20450S	203 238	45	1.47	0.2	35	220	< 0.5	< 2	0.14	< 0.5	6	21	11	2.03	< 10	2	0.17	30	0.42	154
L13W 20475S	203 238	< 5	1.40	0.4	20	230	< 0.5	< 2	0.11	< 0.5	4	16	15	1.91	< 10	< 1	0.22	30	0.36	155
L13W 21400S	203 238	5	2.12	0.4	10	240	< 0.5	< 2	0.11	0.5	10	25	20	2.96	< 10	< 1	0.14	20	1.00	406
L13W 21425S	203 238	< 5	1.83	0.4	10	230	< 0.5	< 2	0.13	0.5	6	23	13	2.46	< 10	2	0.17	20	0.52	160
L13W 21450S	203 238	100	1.63	0.6	15	220	< 0.5	< 2	0.10	< 0.5	6	19	15	2.21	< 10	< 1	0.13	20	0.69	208
L13W 21475S	203 238	5	2.19	0.2	5	290	< 0.5	< 2	0.15	< 0.5	8	34	14	2.73	< 10	2	0.13	10	0.44	258
L13W 22400S	203 238	5	1.58	0.2	< 5	290	< 0.5	< 2	0.13	< 0.5	6	21	13	2.06	< 10	1	0.15	20	0.32	239
L13W 22425S	203 238	145	1.43	0.2	5	260	< 0.5	< 2	0.19	< 0.5	5	22	14	1.93	< 10	1	0.13	20	0.39	179
L13W 22450S	203 238	10	1.62	0.2	15	290	< 0.5	< 2	0.18	< 0.5	6	21	14	2.03	< 10	< 1	0.17	20	0.40	163
L13W 22475S	203 238	< 5	0.92	0.4	15	220	< 0.5	< 2	0.13	< 0.5	3	10	7	1.20	< 10	< 1	0.16	20	0.25	153
L13W 23400S	203 238	< 5	1.27	0.4	5	530	< 0.5	< 2	0.20	< 0.5	5	17	13	1.82	< 10	1	0.18	20	0.42	238
L13W 23425S	203 238	5	1.45	0.4	10	670	< 0.5	< 2	0.20	< 0.5	7	16	20	1.99	< 10	1	0.22	30	0.41	614
L13W 23450S	203 238	< 5	1.14	0.4	5	390	< 0.5	< 2	0.14	< 0.5	4	13	11	1.55	< 10	< 1	0.20	30	0.45	155
L13W 23475S	203 238	10	1.30	0.2	10	360	< 0.5	< 2	0.13	< 0.5	3	13	9	1.57	< 10	< 1	0.21	30	0.51	138
L13W 24400S	203 238	< 5	1.15	0.2	10	420	< 0.5	< 2	0.13	< 0.5	2	9	7	1.29	< 10	1	0.23	30	0.35	103
L13W 24425S	203 238	< 5	1.11	0.2	5	390	< 0.5	< 2	0.19	< 0.5	4	16	13	1.66	< 10	2	0.17	20	0.34	169
L13W 24450S	203 238	10	1.04	0.4	10	410	< 0.5	< 2	0.23	< 0.5	4	18	13	1.63	< 10	< 1	0.13	20	0.32	170
L13W 24475S	203 238	20	1.08	0.2	10	430	< 0.5	< 2	0.25	< 0.5	5	18	13	1.63	< 10	1	0.16	30	0.34	150
L13W 25400S	203 238	5	1.24	0.2	5	460	< 0.5	< 2	0.31	< 0.5	5	21	15	1.90	< 10	3	0.14	20	0.39	213
L13W 25425S	203 238	< 5	0.71	0.4	< 5	520	< 0.5	< 2	0.14	< 0.5	3	10	7	1.05	< 10	2	0.26	30	0.16	196
L13W 25450S	203 238	5	0.77	0.2	10	300	< 0.5	< 2	0.10	< 0.5	2	11	6	1.12	< 10	2	0.22	20	0.16	111
L13W 23450S	203 238	< 5	0.99	0.2	5	290	< 0.5	< 2	0.14	< 0.5	3	14	7	1.38	< 10	1	0.10	10	0.27	100
L13W 10400S	203 238	< 5	1.17	0.4	5	190	< 0.5	< 2	0.11	< 0.5	3	14	8	1.51	< 10	1	0.21	30	0.28	259
L13W 10425S	203 238	< 5	0.72	0.2	20	100	< 0.5	< 2	0.05	< 0.5	1	7	9	0.88	< 10	< 1	0.16	20	0.15	70

CERTIFICATION :



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,  
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To: MARK MANAGEMENT LIMITED

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V6C 2W2

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Comments: ATTN: ART TROUP CC: P. GRUNBERG

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Date 5-JUL-87

Invoice #: I-8717048

P.O. #: AOR DE1

## CERTIFICATE OF ANALYSIS A8717048

SAMPLE DESCRIPTION	PREP CODE	Mb ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sr ppm	Tl %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L1 JW 16+50S	203 238	< 1	0.02	21	660	12	< 5	< 10	35	0.08	10	< 10	45	< 5	63
L1 JW 16+75S	203 238	1	0.01	19	580	10	< 5	< 10	31	0.07	10	< 10	45	< 5	59
L1 JW 17+00S	203 238	1	0.01	19	590	14	< 5	< 10	34	0.07	10	< 10	36	< 5	65
L1 JW 17+25S	203 238	1	0.01	18	420	16	< 5	< 10	32	0.08	10	< 10	41	< 5	55
L1 JW 17+50S	203 238	1	0.01	13	320	14	< 5	< 10	23	0.07	10	< 10	36	< 5	52
L1 JW 17+75S	203 238	1	0.01	16	310	12	< 5	< 10	23	0.08	10	< 10	44	< 5	54
L1 JW 18+00S	203 238	2	< 0.01	12	530	18	< 5	< 10	21	0.06	20	< 10	27	< 5	60
L1 JW 18+25S	203 238	1	0.01	11	300	30	< 5	< 10	19	0.04	30	< 10	23	< 5	48
L1 JW 18+50S	203 238	1	0.01	13	320	10	< 5	< 10	21	0.08	10	< 10	41	< 5	59
L1 JW 18+75S	203 238	1	0.01	13	330	4	< 5	< 10	21	0.08	10	< 10	40	< 5	46
L1 JW 19+00S	203 238	1	< 0.01	10	190	12	5	< 10	18	0.07	10	< 10	37	< 5	39
L1 JW 19+25S	203 238	< 1	< 0.01	12	170	16	< 5	< 10	15	0.07	10	< 10	40	< 5	34
L1 JW 19+50S	203 238	1	< 0.01	8	170	24	< 5	< 10	15	0.06	20	< 10	26	< 5	39
L1 JW 19+75S	203 238	1	0.01	14	170	28	< 5	< 10	16	0.07	10	< 10	41	< 5	52
L1 JW 20+00S	203 238	1	0.01	13	180	8	< 5	< 10	17	0.08	10	< 10	34	< 5	45
L1 JW 20+25S	203 238	1	< 0.01	8	180	16	< 5	< 10	17	0.05	10	< 10	26	< 5	41
L1 JW 20+50S	203 238	1	< 0.01	10	100	32	< 5	< 10	15	0.06	20	< 10	35	< 5	42
L1 JW 20+75S	203 238	< 1	< 0.01	7	170	18	< 5	< 10	16	0.05	10	< 10	29	< 5	42
L1 JW 21+00S	203 238	< 1	< 0.01	15	260	16	< 5	< 10	15	0.04	10	< 10	41	< 5	79
L1 JW 21+25S	203 238	< 1	< 0.01	14	140	8	< 5	< 10	15	0.06	10	< 10	40	< 5	47
L1 JW 21+50S	203 238	1	< 0.01	10	140	18	< 5	< 10	12	0.04	20	< 10	31	< 5	57
L1 JW 21+75S	203 238	1	0.01	18	130	10	< 5	< 10	18	0.10	10	< 10	61	< 5	45
L1 JW 22+00S	203 238	1	< 0.01	14	110	16	< 5	< 10	15	0.06	10	< 10	41	< 5	36
L1 JW 22+25S	203 238	1	< 0.01	12	140	2	< 5	< 10	18	0.08	10	< 10	41	< 5	40
L1 JW 22+50S	203 238	1	< 0.01	14	140	16	< 5	< 10	18	0.06	10	< 10	38	< 5	49
L1 JW 22+75S	203 238	1	< 0.01	5	120	16	< 5	< 10	14	0.04	20	< 10	25	< 5	30
L1 JW 23+00S	203 238	1	< 0.01	11	200	12	< 5	< 10	22	0.05	20	< 10	32	< 5	47
L1 JW 23+25S	203 238	1	< 0.01	14	210	14	< 5	< 10	22	0.03	20	< 10	29	< 5	54
L1 JW 23+50S	203 238	1	< 0.01	8	140	12	< 5	< 10	15	0.03	20	< 10	21	< 5	33
L1 JW 23+75S	203 238	< 1	< 0.01	7	130	20	5	< 10	15	0.02	20	< 10	20	< 5	49
L1 JW 24+00S	203 238	< 1	< 0.01	4	150	10	< 5	< 10	13	0.02	20	< 10	18	< 5	39
L1 JW 24+25S	203 238	1	0.01	13	170	4	< 5	< 10	17	0.05	10	< 10	29	< 5	43
L1 JW 24+50S	203 238	< 1	< 0.01	12	250	6	< 5	< 10	20	0.05	10	< 10	30	< 5	39
L1 JW 24+75S	203 238	< 1	< 0.01	9	310	4	< 5	< 10	21	0.05	20	< 10	29	< 5	45
L1 JW 25+00S	203 238	2	0.01	14	360	14	< 5	< 10	25	0.07	10	< 10	36	< 5	50
L1 JW 25+25S	203 238	< 1	< 0.01	6	120	28	< 5	< 10	16	0.02	20	< 10	15	< 5	36
L1 JW 25+50S	203 238	< 1	< 0.01	6	80	14	< 5	< 10	12	0.02	20	< 10	17	< 5	35
L1 JW 25+75S	203 238	1	< 0.01	6	60	6	5	< 10	13	0.05	20	< 10	28	< 5	31
L1 JW 10+00S	203 238	1	< 0.01	7	200	52	< 5	< 10	11	0.04	20	< 10	27	< 5	59
L1 JW 10+25S	203 238	2	< 0.01	5	80	30	< 5	< 10	5	0.02	20	< 10	17	< 5	49

CERTIFICATION :



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

211 BROOKSBANK AVE., NORTH VANCOUVER,  
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To: MARK MANAGEMENT LIMITED

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V6C 2W2

Project: DAWSON

Comments: ATTN: ART TROUP CC: P. GRUNENBERG

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Tot. Pag

Date 5-JUL-87

Invoice #: I-8717048

P.O. #: AOR DE1

## CERTIFICATE OF ANALYSIS A8717048

SAMPLE DESCRIPTION	PREP CODE	Au ppb RUSS	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
L1.9W 10+50S	203 238	10	1.25	0.6	25	210	< 0.5	< 2	0.08	< 0.5	4	15	12	1.51	< 10	< 1	0.14	20	0.25	118
L1.9W 10+75S	203 238	25	1.50	0.6	35	280	< 0.5	< 2	0.11	0.5	7	21	18	1.92	< 10	2	0.12	20	0.35	222
L1.9W 11+00S	203 238	20	1.27	0.8	45	210	< 0.5	< 2	0.13	< 0.5	5	17	20	1.71	< 10	2	0.17	20	0.36	186
L1.9W 11+25S	203 238	20	1.64	0.8	35	230	< 0.5	< 2	0.17	1.0	8	28	86	2.50	< 10	2	0.17	20	0.54	343
L1.9W 11+50S	203 238	25	1.76	0.4	50	300	< 0.5	< 2	0.25	< 0.5	8	28	15	2.65	< 10	< 1	0.25	20	0.76	273
L1.9W 11+75S	203 238	5	1.76	0.4	5	260	< 0.5	< 2	0.12	0.5	6	23	11	1.99	< 10	< 1	0.14	10	0.36	152
L1.9W 12+00S	203 238	< 5	1.45	0.8	5	260	< 0.5	< 2	0.13	< 0.5	4	19	7	1.94	< 10	< 1	0.14	10	0.26	177
L1.9W 12+25S	203 238	< 5	1.96	0.2	10	290	< 0.5	< 2	0.14	0.5	7	27	18	2.28	< 10	< 1	0.17	10	0.42	174
L1.9W 12+50S	203 238	< 5	1.08	0.4	10	290	< 0.5	< 2	0.13	< 0.5	4	15	12	1.45	< 10	< 1	0.17	20	0.29	114
L1.9W 12+75S	203 238	< 5	1.38	0.6	15	360	< 0.5	< 2	0.17	< 0.5	9	19	12	1.94	< 10	< 1	0.21	20	0.40	364
L1.9W 13+00S	203 238	< 5	1.30	1.2	5	380	< 0.5	< 2	0.27	< 0.5	8	19	15	1.88	< 10	< 1	0.16	20	0.57	270
L1.9W 13+25S	203 238	< 5	1.44	0.8	5	340	< 0.5	< 2	0.23	< 0.5	7	22	14	2.24	< 10	1	0.13	20	0.58	290
L1.9W 13+50S	203 238	< 5	1.50	0.4	10	510	< 0.5	< 2	0.30	0.5	8	26	14	2.20	< 10	2	0.12	20	0.57	348
L1.9W 13+75S	203 238	< 5	1.79	0.8	5	530	< 0.5	< 2	0.32	< 0.5	8	30	21	2.44	< 10	1	0.12	20	0.60	384
L1.9W 14+00S	203 238	< 5	1.95	1.0	< 5	580	< 0.5	< 2	0.45	2.0	8	28	21	2.74	< 10	1	0.14	20	0.68	1720
L1.9W 14+25S	203 238	< 5	2.43	0.4	15	360	< 0.5	< 2	0.45	0.5	7	36	35	3.42	< 10	< 1	0.12	20	1.42	665
L1.9W 14+50S	203 238	< 5	2.81	0.4	60	230	< 0.5	< 2	0.33	0.5	6	42	61	3.96	< 10	2	0.09	20	2.05	562
L1.9W 14+75S	203 238	< 5	2.57	1.0	35	300	< 0.5	< 2	0.40	1.5	7	27	55	3.72	< 10	< 1	0.15	20	1.87	747
L1.9W 15+00S	203 238	< 5	1.59	0.6	15	290	< 0.5	< 2	0.34	< 0.5	7	57	25	2.56	< 10	1	0.12	30	0.69	334
L1.9W 15+25S	203 238	< 5	1.51	0.2	20	200	< 0.5	< 2	0.42	< 0.5	6	96	25	2.68	< 10	2	0.11	20	1.01	312
L1.9W 15+50S	203 238	< 5	1.03	0.2	10	220	< 0.5	< 2	0.31	< 0.5	8	36	21	1.86	< 10	< 1	0.11	10	0.39	174
L1.9W 15+75S	203 238	10	1.45	0.8	15	490	< 0.5	< 2	0.49	1.0	9	20	23	2.34	< 10	< 1	0.14	30	0.57	866
L1.9W 16+00S	203 238	30	1.34	0.2	< 5	340	< 0.5	< 2	0.35	0.5	8	23	18	2.30	< 10	2	0.10	20	0.48	305
L1.9W 16+25S	203 238	10	1.21	0.2	5	370	< 0.5	< 2	0.56	< 0.5	8	22	15	2.18	< 10	2	0.10	20	0.50	357
L1.9W 16+50S	203 238	10	1.50	0.4	< 5	490	< 0.5	< 2	0.63	< 0.5	8	26	24	2.56	< 10	2	0.10	20	0.57	547
L1.9W 16+75S	203 238	< 5	1.24	0.2	< 5	530	< 0.5	< 2	1.28	< 0.5	8	25	27	2.46	< 10	< 1	0.12	20	0.73	404
L1.9W 17+00S	203 238	< 5	1.37	0.2	< 5	240	< 0.5	< 2	0.31	< 0.5	8	22	11	2.15	< 10	2	0.07	20	0.44	184
L1.9W 17+25S	203 238	< 5	1.38	0.2	< 5	410	< 0.5	< 2	0.58	< 0.5	8	26	26	2.33	< 10	1	0.10	20	0.51	318
L1.9W 17+50S	203 238	< 5	0.97	0.2	< 5	280	< 0.5	< 2	0.31	< 0.5	8	15	10	1.69	< 10	< 1	0.07	20	0.35	369
L1.9W 17+75S	203 238	25	1.12	0.2	< 5	300	< 0.5	< 2	0.48	< 0.5	8	21	15	2.02	< 10	1	0.08	20	0.45	244
L1.9W 18+00S	203 238	5	1.06	0.2	< 5	310	< 0.5	< 2	0.43	< 0.5	7	19	13	1.92	< 10	1	0.07	20	0.41	224
L1.9W 18+25S	203 238	< 5	1.36	0.2	5	470	< 0.5	< 2	0.45	< 0.5	8	22	17	2.25	< 10	1	0.08	20	0.48	266
L1.9W 18+50S	203 238	10	1.40	0.2	< 5	450	< 0.5	< 2	0.47	< 0.5	7	22	21	2.18	< 10	< 1	0.08	20	0.49	266
L1.9W 18+75S	203 238	< 5	1.05	0.2	< 5	270	< 0.5	< 2	0.39	< 0.5	6	18	11	1.77	< 10	1	0.06	20	0.38	172
L1.9W 19+00S	203 238	< 5	1.37	0.2	< 5	490	< 0.5	< 2	0.65	0.5	8	24	26	2.37	< 10	1	0.09	20	0.51	432
L1.9W 19+25S	203 238	10	1.29	0.2	5	340	< 0.5	< 2	0.38	< 0.5	8	21	11	2.08	< 10	1	0.08	20	0.44	242
L1.9W 19+50S	203 238	10	1.24	0.2	5	360	< 0.5	< 2	0.42	< 0.5	8	22	19	2.20	< 10	2	0.07	20	0.45	255
L1.9W 19+75S	203 238	5	1.20	0.4	< 5	400	< 0.5	< 2	0.42	< 0.5	9	21	18	2.06	< 10	< 1	0.06	20	0.42	370
L1.9W 20+00S	203 238	50	1.36	0.2	< 5	400	< 0.5	< 2	0.46	< 0.5	8	24	20	2.26	< 10	< 1	0.07	20	0.46	302
L1.9W 20+25S	203 238	5	1.42	0.4	10	410	< 0.5	< 2	0.40	< 0.5	9	22	15	2.10	< 10	< 1	0.08	20	0.45	301

CERTIFICATION :

*[Signature]*



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212 BROOKSBANK AVE., NORTH VANCOUVER,  
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To: MARK MANAGEMENT LIMITED

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Project: DAWSON

Comments: ATTN: ART TROUP CC: P. GRUNENBERG

Page No. 7-B  
Tot. Pa. 1  
Date 5-JUL-87  
Invoice #: 1-8717048  
P.O. #: AOR DEI

## CERTIFICATE OF ANALYSIS A8717048

SAMPLE DESCRIPTION	PREP CODE	Mb ppm	Na %	Ni ppm	P ppm	Pb ppm	Se ppm	Se ppm	Sr ppm	Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
L1 9W 10430S	203 238	1 < 0.01		7	100	44	5	< 10	10	0.03	10	< 10	27	< 5	53
L1 9W 10475S	203 238	1 < 0.01		12	110	46	< 5	< 10	14	0.05	10	< 10	34	< 5	62
L1 9W 11400S	203 238	1 < 0.01		11	120	54	< 5	< 10	18	0.06	10	< 10	25	< 5	66
L1 9W 11425S	203 238	< 1 < 0.01		17	350	210	5	< 10	14	0.03	10	< 10	36	< 5	324
L1 9W 11430S	203 238	1 < 0.01		15	210	26	< 5	< 10	22	0.07	10	< 10	35	< 5	77
L1 9W 11475S	203 238	< 1 < 0.01		14	100	30	< 5	< 10	17	0.06	10	< 10	37	< 5	40
L1 9W 12400S	203 238	1 < 0.01		8	90	26	< 5	< 10	14	0.07	10	< 10	46	< 5	36
L1 9W 12425S	203 238	1 < 0.01		21	90	26	< 5	< 10	16	0.07	10	< 10	47	< 5	51
L1 9W 12430S	203 238	< 1 < 0.01		9	80	92	< 5	< 10	12	0.05	10	< 10	28	< 5	48
L1 9W 12475S	203 238	1 < 0.01		11	140	34	< 5	< 10	18	0.07	10	< 10	36	< 5	60
L1 9W 13400S	203 238	< 1 < 0.01		11	210	26	< 5	< 10	24	0.10	< 10	< 10	28	< 5	60
L1 9W 13425S	203 238	< 1 < 0.01		13	220	20	< 5	< 10	21	0.08	< 10	< 10	40	< 5	64
L1 9W 13430S	203 238	< 1 < 0.01		12	140	12	< 5	< 10	25	0.07	< 10	< 10	39	< 5	76
L1 9W 13475S	203 238	< 1 0.01		20	130	32	< 5	< 10	26	0.07	< 10	< 10	45	< 5	90
L1 9W 14400S	203 238	< 1 0.01		21	190	20	< 5	< 10	33	0.06	< 10	< 10	55	< 5	160
L1 9W 14425S	203 238	< 1 < 0.01		28	440	32	< 5	< 10	30	0.05	< 10	< 10	60	< 5	295
L1 9W 14430S	203 238	< 1 < 0.01		32	400	24	< 5	< 10	21	0.02	< 10	< 10	60	< 5	485
L1 9W 14475S	203 238	< 1 < 0.01		21	760	48	< 5	< 10	24	0.01	< 10	< 10	48	< 5	542
L1 9W 15400S	203 238	< 1 < 0.01		19	360	44	< 5	< 10	22	0.09	< 10	< 10	47	< 5	85
L1 9W 15425S	203 238	< 1 < 0.01		21	420	8	< 5	< 10	21	0.18	< 10	< 10	48	< 5	71
L1 9W 15430S	203 238	< 1 < 0.01		18	550	8	< 5	< 10	19	0.10	< 10	< 10	26	< 5	39
L1 9W 15475S	203 238	< 1 < 0.01		16	730	46	< 5	< 10	43	0.04	< 10	< 10	32	< 5	102
L1 9W 16400S	203 238	< 1 0.01		18	510	6	< 5	< 10	29	0.07	< 10	< 10	46	< 5	56
L1 9W 16425S	203 238	< 1 0.01		18	680	10	< 5	< 10	37	0.07	< 10	< 10	45	< 5	61
L1 9W 16430S	203 238	< 1 0.02		22	570	10	< 5	< 10	42	0.07	< 10	< 10	52	< 5	68
L1 9W 16475S	203 238	< 1 0.02		24	710	6	< 5	< 10	36	0.08	< 10	< 10	50	< 5	73
L1 9W 17400S	203 238	< 1 0.01		15	520	4	< 5	< 10	22	0.07	< 10	< 10	44	< 5	45
L1 9W 17425S	203 238	< 1 0.01		21	510	10	< 5	< 10	39	0.07	< 10	< 10	47	< 5	56
L1 9W 17430S	203 238	< 1 0.01		11	540	6	< 5	< 10	24	0.06	< 10	< 10	33	< 5	42
L1 9W 17475S	203 238	< 1 0.01		16	670	4	< 5	< 10	34	0.07	< 10	< 10	41	< 5	52
L1 9W 18400S	203 238	< 1 0.01		14	650	8	< 5	< 10	30	0.07	< 10	< 10	40	< 5	48
L1 9W 18425S	203 238	< 1 0.01		17	550	10	< 5	< 10	37	0.07	< 10	< 10	43	< 5	58
L1 9W 18430S	203 238	< 1 0.01		17	510	4	< 5	< 10	38	0.07	< 10	< 10	42	< 5	53
L1 9W 18475S	203 238	< 1 0.01		13	550	2	< 5	< 10	28	0.07	< 10	< 10	37	< 5	41
L1 9W 19400S	203 238	< 1 0.01		22	610	4	< 5	< 10	42	0.08	< 10	< 10	46	< 5	64
L1 9W 19425S	203 238	< 1 0.01		13	450	4	< 5	< 10	32	0.07	< 10	< 10	42	< 5	50
L1 9W 19430S	203 238	< 1 0.01		17	530	8	< 5	< 10	31	0.07	< 10	< 10	43	< 5	51
L1 9W 19475S	203 238	< 1 0.01		17	540	6	< 5	< 10	31	0.07	< 10	< 10	42	< 5	48
L1 9W 20400S	203 238	< 1 0.01		18	560	6	< 5	< 10	35	0.08	< 10	< 10	46	< 5	52
L1 9W 20425S	203 238	< 1 0.01		13	450	4	< 5	10	34	0.07	< 10	< 10	42	< 5	50

CERTIFICATION:



# Chemex Labs Ltd.

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112 BROOKSBANK AVE., NORTH VANCOUVER,  
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PHONE (604) 984-0221

To: MARK MANAGEMENT LIMITED

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VANCOUVER, B.C.

V6C 2W2

Project: DAWSON

Comments: ATTN: ART TROUP CC: P. GRUNENBERG

Page No. 8-A

Tot. Pa. 3

Date: 5-JUL-87

Invoice #: 1-8717048

P.O. #: AOR DE1

## CERTIFICATE OF ANALYSIS A8717048

SAMPLE DESCRIPTION	PREP CODE	Au ppb RUSH	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
L1 9W 20+50S	203 238	15	1.52	0.2	< 5	360	0.5	< 2	0.33	< 0.5	7	22	11	2.17	< 10	< 1	0.08	20	0.46	152
L1 9W 20+75S	203 238	10	1.30	0.2	5	350	0.5	< 2	0.33	< 0.5	6	19	10	1.86	< 10	< 1	0.10	20	0.41	156
L1 9W 21+00S	203 238	110	1.18	0.4	5	450	0.5	< 2	0.29	< 0.5	6	16	16	1.62	< 10	1	0.12	40	0.35	151
L1 9W 21+25S	203 238	20	1.42	0.2	10	510	1.0	< 2	0.39	< 0.5	8	19	21	2.01	< 10	< 1	0.11	30	0.44	258
L1 9W 21+50S	203 238	15	1.56	0.2	10	510	1.0	< 2	0.40	< 0.5	10	22	21	2.35	< 10	< 1	0.12	30	0.49	428
L1 9W 21+75S	203 238	5	1.35	0.2	10	380	0.5	< 2	0.31	< 0.5	7	19	13	1.86	< 10	< 1	0.10	30	0.42	214
L1 9W 22+00S	203 238	10	1.14	0.2	10	310	0.5	< 2	0.27	< 0.5	7	18	13	1.76	< 10	< 1	0.08	20	0.39	169
L1 9W 22+25S	203 238	10	1.20	0.2	10	360	0.5	< 2	0.28	< 0.5	7	19	13	1.92	< 10	< 1	0.07	20	0.43	190
L1 9W 22+50S	203 238	5	1.26	0.2	20	350	0.5	< 2	0.26	< 0.5	8	20	13	2.03	< 10	3	0.07	20	0.42	214
L1 9W 22+75S	203 238	5	1.30	0.2	5	370	0.5	< 2	0.26	< 0.5	8	20	13	1.99	< 10	< 1	0.08	20	0.42	212
L1 9W 23+00S	203 238	10	0.73	0.2	5	310	0.5	< 2	0.19	< 0.5	4	10	11	1.27	< 10	< 1	0.14	40	0.23	180
L1 9W 23+25S	203 238	< 5	1.22	0.2	10	280	0.5	< 2	0.22	< 0.5	8	19	10	1.93	< 10	< 1	0.10	20	0.37	263
L1 7W 10+00S	203 238	5	1.14	0.2	5	190	0.5	< 2	0.11	< 0.5	6	16	13	1.61	< 10	< 1	0.09	30	0.32	141
L1 7W 10+25S	203 238	< 5	0.99	0.2	10	140	0.5	< 2	0.09	< 0.5	5	14	12	1.35	< 10	< 1	0.10	30	0.27	121
L1 7W 10+50S	203 238	< 5	1.09	0.2	15	180	0.5	< 2	0.11	< 0.5	5	16	11	1.51	< 10	< 1	0.07	30	0.26	128
L1 7W 10+75S	203 238	< 5	1.35	0.2	15	200	1.0	< 2	0.10	< 0.5	6	19	9	2.03	< 10	< 1	0.09	20	0.32	195
L1 7W 11+00S	203 238	< 5	1.80	0.6	5	250	0.5	< 2	0.12	< 0.5	9	25	19	2.92	< 10	< 1	0.15	20	0.79	235
L1 7W 11+25S	203 238	< 5	1.67	0.2	5	260	1.5	< 2	0.31	< 0.5	12	44	28	3.26	< 10	< 1	0.18	40	1.07	279
L1 7W 11+50S	203 238	< 5	1.25	0.2	10	210	1.0	< 2	0.26	< 0.5	8	17	14	2.22	< 10	< 1	0.13	30	0.68	274
L1 7W 11+75S	203 238	< 5	0.97	0.2	< 5	210	0.5	< 2	0.10	< 0.5	5	11	9	1.32	< 10	1	0.09	20	0.35	106
L1 7W 12+00S	203 238	< 5	0.73	0.4	10	200	< 0.5	< 2	0.05	< 0.5	3	5	5	0.82	< 10	< 1	0.09	20	0.14	75
L1 7W 12+25S	203 238	< 5	1.77	0.2	10	470	1.0	< 2	0.22	< 0.5	8	29	16	2.42	< 10	< 1	0.12	30	0.61	234
L1 7W 12+50S	203 238	< 5	2.69	0.8	20	440	2.5	< 2	0.27	< 0.5	17	59	18	4.16	< 10	3	0.16	10	1.32	383
L1 7W 12+75S	203 238	< 5	1.47	0.6	5	370	1.0	< 2	0.15	< 0.5	7	13	8	1.41	< 10	< 1	0.27	60	0.41	152
L1 7W 13+00S	203 238	< 5	1.61	0.4	< 5	230	1.0	< 2	0.17	< 0.5	8	20	12	2.30	< 10	< 1	0.17	20	0.69	326
L1 7W 13+25S	203 238	< 5	1.78	0.6	< 5	220	1.5	< 2	0.13	< 0.5	8	24	11	2.37	< 10	< 1	0.21	30	0.79	230
L1 7W 13+50S	203 238	< 5	1.55	0.4	5	220	1.0	< 2	0.29	< 0.5	8	26	11	2.64	< 10	1	0.16	10	0.76	341
L1 7W 13+75S	203 238	< 5	1.84	0.4	5	230	1.5	< 2	0.51	< 0.5	11	32	16	2.77	< 10	< 1	0.22	20	0.87	274
L1 7W 14+00S	203 238	< 5	1.60	0.4	< 5	240	1.0	< 2	0.19	< 0.5	8	27	16	2.53	< 10	< 1	0.22	20	0.69	254
L1 7W 14+25S	203 238	< 5	1.15	0.4	10	210	1.0	< 2	0.22	< 0.5	8	22	23	2.72	< 10	< 1	0.23	30	0.90	264
L1 7W 14+50S	203 238	< 5	1.63	0.2	< 5	330	1.5	< 2	0.51	< 0.5	10	35	18	2.83	< 10	< 1	0.31	20	1.04	339
L1 7W 14+75S	203 238	10	1.42	0.2	< 5	230	1.0	< 2	0.37	< 0.5	8	29	25	2.49	< 10	< 1	0.12	30	0.57	257
L1 7W 15+00S	203 238	< 5	2.03	0.2	5	270	1.5	< 2	0.43	< 0.5	11	28	18	3.50	< 10	< 1	0.52	40	1.64	427
L1 7W 15+25S	203 238	30	1.62	0.2	10	210	1.5	< 2	0.30	< 0.5	12	21	16	3.08	< 10	< 1	0.37	40	1.28	375
L1 7W 15+50S	203 238	70	1.42	0.4	55	290	0.5	< 2	0.30	< 0.5	9	20	31	2.85	< 10	< 1	0.41	40	0.92	282
L1 7W 15+75S	203 238	< 5	1.23	0.4	5	240	< 0.5	< 2	0.20	< 0.5	8	18	16	2.79	< 10	< 1	0.36	30	0.83	324
L1 7W 16+00S	203 238	35	1.60	0.2	10	370	< 0.5	< 2	0.31	< 0.5	9	25	22	2.70	< 10	< 1	0.24	40	0.95	296
L1 7W 16+25S	203 238	< 5	1.63	0.2	< 5	430	1.5	< 2	0.28	< 0.5	10	24	11	2.48	< 10	< 1	0.27	30	0.62	495
L1 7W 16+50S	203 238	< 5	1.04	0.2	5	290	0.5	< 2	0.22	< 0.5	6	16	8	1.50	< 10	< 1	0.14	30	0.33	212

CERTIFICATION :

*[Signature]*



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

211 BROOKSBANK AVE., NORTH VANCOUVER,  
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To: MARK MANAGEMENT LIMITED

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Project: DAWSON

Comments: ATTN: ART TROUP CC: P. GRUNENBERG

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Date 5-JUL-87

Invoice #: 1-8717048

P.O. #: AOR DE1

## CERTIFICATE OF ANALYSIS A8717048

SAMPLE DESCRIPTION	PREP CODE	Mb ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L1.9W 20+50S	203 238	< 1	0.01	11	340	2	< 5	10	29	0.08	< 10	< 10	43	< 5	50
L1.9W 20+75S	203 238	< 1	0.01	8	260	4	< 5	< 10	29	0.08	< 10	< 10	41	< 5	42
L1.9W 21+00S	203 238	< 1	0.01	10	280	14	< 5	< 10	28	0.06	< 10	< 10	31	< 5	43
L1.9W 21+25S	203 238	< 1	0.01	13	360	6	< 5	< 10	35	0.07	< 10	< 10	37	< 5	52
L1.9W 21+50S	203 238	< 1	0.01	15	360	6	< 5	10	35	0.07	< 10	< 10	43	< 5	52
L1.9W 21+75S	203 238	< 1	< 0.01	11	310	8	< 5	10	27	0.07	< 10	< 10	37	< 5	42
L1.9W 22+00S	203 238	< 1	< 0.01	11	330	10	< 5	< 10	22	0.06	< 10	< 10	33	< 5	40
L1.9W 22+25S	203 238	< 1	< 0.01	11	360	4	< 5	10	24	0.06	< 10	< 10	36	< 5	43
L1.9W 22+50S	203 238	< 1	< 0.01	12	300	4	< 5	< 10	22	0.06	< 10	< 10	38	< 5	45
L1.9W 22+75S	203 238	< 1	< 0.01	11	270	2	< 5	10	23	0.06	< 10	< 10	37	< 5	45
L1.9W 23+00S	203 238	< 1	< 0.01	6	230	14	< 5	< 10	18	0.02	< 10	< 10	17	< 5	35
L1.9W 23+25S	203 238	< 1	< 0.01	11	210	4	< 5	< 10	20	0.06	< 10	< 10	37	< 5	46
L1.7W 10+00S	203 238	< 1	< 0.01	8	100	22	< 5	< 10	12	0.05	< 10	< 10	29	< 5	46
L1.7W 10+25S	203 238	< 1	< 0.01	6	90	40	< 5	10	11	0.05	< 10	< 10	24	< 5	49
L1.7W 10+50S	203 238	< 1	< 0.01	7	110	20	< 5	< 10	12	0.05	< 10	< 10	29	< 5	43
L1.7W 10+75S	203 238	< 1	< 0.01	9	160	20	< 5	10	12	0.06	< 10	< 10	41	< 5	45
L1.7W 11+00S	203 238	< 1	< 0.01	14	160	22	< 5	10	16	0.07	< 10	< 10	35	< 5	65
L1.7W 11+25S	203 238	< 1	< 0.01	19	200	16	< 5	10	26	0.17	< 10	< 10	45	< 5	84
L1.7W 11+50S	203 238	< 1	< 0.01	10	540	20	< 5	10	18	0.08	< 10	< 10	27	< 5	55
L1.7W 11+75S	203 238	< 1	< 0.01	6	80	8	< 5	< 10	15	0.04	< 10	< 10	17	< 5	31
L1.7W 12+00S	203 238	< 1	< 0.01	1	110	12	< 5	< 10	8	0.01	< 10	< 10	13	< 5	19
L1.7W 12+25S	203 238	< 1	< 0.01	11	90	8	< 5	10	25	0.10	< 10	< 10	38	< 5	56
L1.7W 12+50S	203 238	< 1	< 0.01	30	310	10	< 5	20	30	0.02	< 10	< 10	67	< 5	75
L1.7W 12+75S	203 238	< 1	< 0.01	5	200	6	< 5	< 10	15	< 0.01	< 10	< 10	19	< 5	47
L1.7W 13+00S	203 238	< 1	< 0.01	11	130	12	< 5	20	19	0.09	< 10	< 10	32	< 5	62
L1.7W 13+25S	203 238	< 1	< 0.01	13	170	10	< 5	10	12	0.03	< 10	< 10	32	< 5	58
L1.7W 13+50S	203 238	< 1	< 0.01	12	260	8	< 5	10	24	0.09	< 10	< 10	34	< 5	90
L1.7W 13+75S	203 238	< 1	< 0.01	14	250	12	< 5	30	37	0.13	< 10	< 10	40	< 5	83
L1.7W 14+00S	203 238	< 1	< 0.01	13	240	12	< 5	< 10	17	0.07	< 10	< 10	39	< 5	59
L1.7W 14+25S	203 238	< 1	< 0.01	16	560	< 2	< 5	< 10	18	0.07	< 10	< 10	25	< 5	63
L1.7W 14+50S	203 238	< 1	< 0.01	14	500	4	< 5	20	37	0.11	< 10	< 10	42	< 5	73
L1.7W 14+75S	203 238	< 1	< 0.01	20	490	6	< 5	10	30	0.08	< 10	< 10	47	< 5	52
L1.7W 15+00S	203 238	< 1	< 0.01	17	590	12	< 5	40	34	0.17	< 10	< 10	33	< 5	98
L1.7W 15+25S	203 238	< 1	< 0.01	13	460	6	< 5	10	32	0.11	< 10	< 10	23	< 5	68
L1.7W 15+50S	203 238	< 1	< 0.01	17	790	10	< 5	20	24	0.06	< 10	< 10	25	< 5	76
L1.7W 15+75S	203 238	< 1	< 0.01	12	560	6	< 5	10	16	0.05	< 10	< 10	24	< 5	62
L1.7W 16+00S	203 238	< 1	0.01	18	490	6	< 5	10	25	0.07	< 10	< 10	32	< 5	63
L1.7W 16+25S	203 238	< 1	0.01	12	160	8	< 5	10	23	0.08	< 10	< 10	39	< 5	50
L1.7W 16+50S	203 238	< 1	< 0.01	10	110	12	< 5	< 10	19	0.06	< 10	< 10	30	< 5	35

CERTIFICATION :

*[Handwritten signature]*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
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Project: DAWSON

Comments: CC: PERRY GRUNENBERG

Page No. 1-A  
 Tot. Page 1  
 Date: 1999-JUL-87  
 Invoice #: I-8717052  
 P.O. #: ACR-DEZ

## CERTIFICATE OF ANALYSIS A8717052

SAMPLE DESCRIPTION	PREP CODE	Au ppb RUSH	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
L 10W 00+50N	203 238	10	1.15	0.6	10	220	< 0.5	< 2	0.06	< 0.5	< 1	78	16	0.92	< 10	< 1	0.18	30	0.17	60
L 10W 01+50N	203 238	5	1.08	0.6	< 5	220	< 0.5	2	0.05	< 0.5	< 1	42	16	0.71	< 10	< 1	0.15	30	0.12	36
L 10W 01+50N	203 238	10	0.66	0.4	10	200	< 0.5	< 2	0.08	< 0.5	< 1	65	8	0.66	< 10	< 1	0.18	40	0.16	60
L 10W 02+50N	203 238	45	0.93	0.4	10	280	< 0.5	2	0.10	< 0.5	< 1	63	10	0.82	< 10	< 1	0.15	40	0.23	55
L 10W 02+50N	203 238	10	0.52	0.4	< 5	410	< 0.5	< 2	0.07	3.0	< 1	50	8	0.42	< 10	< 1	0.16	70	0.13	653
L 10W 03+50N	203 238	60	0.55	< 0.2	15	210	< 0.5	4	0.01	< 0.5	4	55	11	0.58	< 10	< 1	0.18	50	0.22	242
L 10W 03+50N	203 238	25	0.48	< 0.2	5	390	< 0.5	< 2	< 0.01	0.5	1	46	40	1.60	< 10	< 1	0.24	20	0.06	35
L 10W 04+50N	203 238	185	1.18	0.4	< 5	500	< 0.5	4	0.19	0.5	5	64	17	1.58	< 10	< 1	0.28	30	0.44	308
L 10W 04+50N	203 238	35	0.45	< 0.2	15	260	< 0.5	< 2	0.02	< 0.5	1	43	5	0.50	< 10	< 1	0.20	40	0.08	79
L 10W 04+50N	203 238	20	0.86	< 0.2	< 5	370	< 0.5	< 2	0.09	0.5	2	57	13	0.95	< 10	< 1	0.13	30	0.15	41
L 10W 05+50N	203 238	35	1.21	< 0.2	< 5	300	< 0.5	< 2	0.06	1.0	5	68	13	1.52	< 10	< 1	0.17	30	0.28	115
L 10W 06+50N	203 238	15	1.16	< 0.2	20	790	< 0.5	< 2	0.07	0.5	3	66	23	1.23	< 10	< 1	0.2	60	0.14	91
L 10W 06+50N	203 238	20	0.71	< 0.2	10	500	< 0.5	< 2	0.06	< 0.5	3	87	10	0.97	< 10	< 1	0.18	30	0.15	146
L 10W 07+50N	203 238	30	0.68	< 0.2	< 5	450	< 0.5	2	0.08	0.5	5	103	9	1.04	< 10	< 1	0.17	30	0.26	224
L 10W 07+50N	203 238	< 5	1.58	< 0.2	35	510	< 0.5	< 2	0.80	< 0.5	7	63	18	2.07	< 10	< 1	0.13	30	0.57	345
L 10W 08+50N	203 238	< 5	1.69	< 0.2	25	370	< 0.5	4	0.46	< 0.5	10	76	20	2.51	< 10	< 1	0.20	20	0.57	465
L 10W 08+50N	203 238	< 5	1.70	< 0.2	20	440	< 0.5	2	0.73	0.5	13	94	28	2.53	< 10	< 1	0.18	20	0.57	474
L 10W 09+50N	203 238	< 5	1.42	< 0.2	15	390	< 0.5	< 2	0.69	< 0.5	10	72	22	2.19	< 10	< 1	0.13	20	0.51	474
L 10W 09+50N	203 238	< 5	1.33	< 0.2	5	370	< 0.5	6	0.50	< 0.5	14	113	15	2.25	< 10	< 1	0.10	20	0.54	474
L 10W 10+50N	203 238	< 5	1.48	< 0.2	20	390	< 0.5	< 2	0.56	< 0.5	12	95	17	2.21	< 10	< 1	0.09	20	0.61	474
L 10W 10+50N	203 238	15	1.50	< 0.2	< 5	390	< 0.5	< 2	0.61	0.5	13	123	19	2.50	< 10	< 1	0.09	20	0.56	522
L 10W 11+50N	203 238	< 5	1.60	< 0.2	< 5	290	< 0.5	2	0.40	0.5	15	80	14	2.44	< 10	< 1	0.07	20	0.76	517
L 10W 11+50N	203 238	< 5	1.28	< 0.2	15	280	< 0.5	< 2	0.52	< 0.5	8	75	14	1.99	< 10	< 1	0.08	20	0.44	205
L 10W 12+50N	203 238	< 5	1.40	< 0.2	< 5	220	< 0.5	2	0.33	0.5	8	85	9	1.86	< 10	< 1	0.09	20	0.74	206
L 10W 12+50N	203 238	< 5	1.43	< 0.2	15	540	< 0.5	8	0.71	< 0.5	13	80	31	2.59	< 10	2	0.16	20	0.63	474
L 10W 13+50N	203 238	< 5	1.22	< 0.2	30	330	< 0.5	2	0.58	< 0.5	9	77	14	2.04	< 10	< 1	0.08	20	0.49	393
L 10W 13+50N	203 238	< 5	1.49	< 0.2	30	390	< 0.5	< 2	0.44	< 0.5	8	87	12	2.24	< 10	< 1	0.12	20	0.52	281
L 10W 14+50N	203 238	< 5	1.58	< 0.2	10	410	< 0.5	2	0.33	< 0.5	12	83	12	2.29	< 10	< 1	0.10	20	0.50	465
L 10W 14+50N	203 238	< 5	1.58	< 0.2	25	530	< 0.5	2	0.80	0.5	12	76	30	2.70	< 10	< 1	0.18	20	0.64	499
L 10W 14+50N	203 238	< 5	1.29	< 0.2	10	340	< 0.5	< 2	0.40	< 0.5	6	93	12	2.14	< 10	< 1	0.09	20	0.41	193
L 10W 15+50N	203 238	< 5	1.58	< 0.2	< 5	400	< 0.5	< 2	0.47	0.5	8	101	17	2.25	< 10	< 1	0.12	20	0.49	281
L 10W 06+50S	203 238	< 5	2.01	< 0.2	5	280	< 0.5	< 2	0.12	< 0.5	6	68	16	2.30	< 10	< 1	0.17	30	0.41	186
L 10W 07+50S	203 238	< 5	1.79	< 0.2	< 5	260	< 0.5	4	0.13	0.5	8	76	15	2.33	< 10	< 1	0.17	20	0.48	298
L 10W 07+50S	203 238	< 5	1.67	< 0.2	15	410	< 0.5	8	0.23	< 0.5	9	61	26	2.23	< 10	< 1	0.18	30	0.55	251
L 10W 08+50S	203 238	< 5	1.58	< 0.2	5	550	< 0.5	2	0.28	< 0.5	8	65	25	2.19	< 10	2	0.13	30	0.53	249
L 10W 08+50S	203 238	< 5	1.51	< 0.2	10	400	< 0.5	< 2	0.26	< 0.5	7	50	18	1.97	< 10	< 1	0.18	30	0.57	236
L 10W 09+50S	203 238	< 5	1.79	< 0.2	10	520	< 0.5	< 2	0.33	< 0.5	11	76	24	2.59	< 10	< 1	0.22	20	0.51	558
L 10W 09+50S	203 238	< 5	1.02	< 0.2	20	320	< 0.5	6	0.22	< 0.5	5	46	8	1.57	< 10	< 1	0.20	30	0.50	360
L 10W 10+50S	203 238	< 5	1.49	< 0.2	5	460	< 0.5	4	0.26	< 0.5	10	85	18	2.17	< 10	< 1	0.13	20	0.49	319
L 10W 10+50S	203 238	< 5	1.01	< 0.2	15	270	< 0.5	4	0.19	< 0.5	7	72	12	1.65	< 10	2	0.17	20	0.37	226

CERTIFICATION :

*Hart Buchler*



# 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

1900 - 999 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6C 2W2

Project: DAWSON

Comments: CC: PERRY GRUNENBERG

Page No. 1-B

Tot. Pgs. 1

Date: 09-JUL-87

Invoice #: I-8717052

P.O. #: ACR-DEZ

## CERTIFICATE OF ANALYSIS A8717052

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L 10W 00+50N	203 238	< 1	0.01	6	150	90	< 5	< 10	9	0.02	< 10	< 10	15	< 5	47
L 10W 01+00N	203 238	< 1	< 0.01	5	110	84	< 5	< 10	7	0.01	< 10	< 10	8	< 5	38
L 10W 01+50N	203 238	< 1	< 0.01	5	200	44	< 5	< 10	9	0.01	< 10	< 10	7	< 5	37
L 10W 02+00N	203 238	< 1	< 0.01	3	160	52	< 5	20	14	0.02	< 10	< 10	10	< 5	63
L 10W 02+50N	203 238	< 1	< 0.01	6	140	64	< 5	10	13	< 0.01	< 10	< 10	2	< 5	47
L 10W 03+00N	203 238	< 1	< 0.01	8	100	52	< 5	< 10	4	< 0.01	< 10	< 10	2	< 5	73
L 10W 03+50N	203 238	2	0.02	4	410	140	< 5	< 10	75	< 0.01	< 10	< 10	9	< 5	77
L 10W 04+00N	203 238	< 1	0.01	5	380	56	< 5	< 10	27	0.01	< 10	< 10	2	< 5	97
L 10W 04+50N	203 238	< 1	< 0.01	< 1	110	60	< 5	< 10	5	< 0.01	< 10	< 10	3	< 5	34
L 10W 05+00N	203 238	< 1	< 0.01	10	310	40	5	< 10	12	0.02	< 10	< 10	10	< 5	32
L 10W 05+50N	203 238	< 1	< 0.01	10	260	118	< 5	< 10	9	0.03	< 10	< 10	17	< 5	103
L 10W 06+00N	203 238	1	0.01	6	310	296	< 5	< 10	12	0.01	< 10	< 10	10	< 5	89
L 10W 06+50N	203 238	2	0.01	3	170	84	< 5	< 10	9	0.02	< 10	< 10	11	< 5	83
L 10W 07+00N	203 238	< 1	0.01	11	230	28	< 5	< 10	11	0.02	< 10	< 10	9	< 5	79
L 10W 07+50N	203 238	< 1	0.01	13	520	14	5	< 10	49	0.08	< 10	< 10	42	< 5	59
L 10W 08+00N	203 238	< 1	0.02	23	470	8	< 5	< 10	35	0.10	< 10	< 10	56	5	66
L 10W 08+50N	203 238	< 1	0.02	22	630	16	5	< 10	44	0.11	< 10	< 10	58	5	69
L 10W 09+00N	203 238	< 1	0.02	22	630	16	5	< 10	42	0.09	< 10	< 10	53	< 5	54
L 10W 09+50N	203 238	< 1	0.02	24	590	12	< 5	< 10	35	0.09	< 10	< 10	52	< 5	52
L 10W 10+00N	203 238	< 1	0.02	31	500	8	< 5	< 10	40	0.09	< 10	< 10	49	< 5	54
L 10W 10+50N	203 238	< 1	0.03	29	590	20	< 5	< 10	40	0.10	< 10	< 10	55	< 5	56
L 10W 11+00N	203 238	< 1	0.01	44	500	10	< 5	< 10	29	0.08	< 10	< 10	59	< 5	61
L 10W 11+50N	203 238	< 1	0.02	8	570	< 2	< 5	< 10	33	0.09	< 10	< 10	48	< 5	45
L 10W 12+00N	203 238	< 1	0.01	11	490	34	< 5	< 10	25	0.07	< 10	< 10	38	< 5	61
L 10W 12+50N	203 238	1	0.03	30	780	10	< 5	< 10	45	0.11	< 10	< 10	60	< 5	69
L 10W 13+00N	203 238	< 1	0.02	14	540	18	< 5	< 10	34	0.09	< 10	< 10	46	< 5	53
L 10W 13+50N	203 238	1	0.02	16	550	32	< 5	< 10	33	0.10	< 10	< 10	58	< 5	52
L 10W 14+00N	203 238	< 1	0.02	16	540	20	< 5	< 10	28	0.09	< 10	< 10	54	< 5	56
L 10W 14+50N	203 238	< 1	0.03	29	680	20	< 5	< 10	49	0.11	< 10	< 10	63	< 5	69
L 10W 15+25N	203 238	< 1	0.02	13	500	12	< 5	< 10	28	0.08	< 10	< 10	55	< 5	46
L 10W 15+50N	203 238	< 1	0.02	16	590	14	< 5	< 10	36	0.10	< 10	< 10	55	< 5	55
L 10W 06+50S	203 238	< 1	0.01	14	170	58	< 5	< 10	17	0.06	< 10	< 10	41	< 5	63
L 10W 07+00S	203 238	< 1	0.01	11	200	62	< 5	< 10	17	0.08	< 10	< 10	45	< 5	52
L 10W 07+50S	203 238	< 1	0.01	17	160	32	< 5	< 10	24	0.08	< 10	< 10	41	< 5	60
L 10W 08+00S	203 238	1	0.01	15	230	16	< 5	< 10	26	0.08	< 10	< 10	40	< 5	56
L 10W 08+50S	203 238	< 1	0.01	14	210	30	< 5	< 10	25	0.08	< 10	< 10	33	< 5	55
L 10W 09+00S	203 238	< 1	0.02	19	390	12	< 5	< 10	31	0.08	< 10	< 10	50	< 5	54
L 10W 09+50S	203 238	< 1	0.01	10	400	6	< 5	< 10	18	0.07	< 10	< 10	19	< 5	46
L 10W 10+00S	203 238	< 1	0.01	10	250	28	< 5	< 10	24	0.07	< 10	< 10	39	< 5	50
L 10W 10+50S	203 238	< 1	0.01	7	290	26	< 5	< 10	18	0.06	< 10	< 10	24	< 5	42

CERTIFICATION :

*Hartwichler*



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

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V6C 2W2

Project: DAWSON

Comments: CC: FERRY GRUNENBERG

Page No. 2-A

Tot. Pa. 9

Date: 09-JUL-87

Invoice #: 1-8717052

P.O. #: ACR-DEZ

## CERTIFICATE OF ANALYSIS A8717052

SAMPLE DESCRIPTION	PREP CODE	As ppb RUSH	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Cu %	Cd ppm	Co ppm	Cr ppm	Cs ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L 10W 11400E	203 238	< 5	1.23	< 0.2	< 5	270	< 0.5	< 2	0.11	< 0.5	4	36	10	1.65	< 10	< 1	0.30	30	0.49	172
L 10W 11450E	203 238	< 5	1.47	< 0.2	20	460	< 0.5	< 2	0.36	< 0.5	8	40	20	2.08	< 10	< 1	0.19	30	0.52	280
L 10W 12400E	203 238	< 5	1.47	< 0.2	< 5	430	< 0.5	< 2	0.33	< 0.5	6	39	14	1.89	< 10	< 1	0.13	20	0.42	219
L 10W 12450E	203 238	< 5	1.54	< 0.2	10	470	< 0.5	< 2	0.32	< 0.5	7	36	34	2.01	< 10	< 1	0.13	20	0.49	275
L 10W 13400E	203 238	< 5	1.73	< 0.2	10	460	< 0.5	< 2	0.28	< 0.5	8	41	17	2.28	< 10	< 1	0.16	30	0.53	223
L 10W 13450E	203 238	< 5	1.56	< 0.2	30	310	< 0.5	< 2	0.25	< 0.5	7	40	12	1.90	< 10	< 1	0.16	30	0.50	200
L 10W 14400E	203 238	< 5	1.49	< 0.2	20	360	< 0.5	< 2	0.24	< 0.5	7	34	16	2.16	< 10	< 1	0.19	30	0.71	253
L 10W 14450E	203 238	< 5	1.77	< 0.2	15	280	< 0.5	< 2	0.16	< 0.5	7	37	13	2.51	< 10	< 1	0.15	20	0.59	286
L 10W 15400E	203 238	< 5	1.39	< 0.2	5	330	< 0.5	< 2	0.21	< 0.5	9	30	16	2.43	< 10	< 1	0.23	40	0.77	393
L 10W 15450E	203 238	< 5	1.72	< 0.2	15	390	< 0.5	< 2	0.18	< 0.5	8	36	19	2.62	< 10	< 1	0.14	30	0.65	269
L 10W 16400E	203 238	< 5	1.56	< 0.2	10	310	< 0.5	< 2	0.06	< 0.5	10	37	15	2.54	< 10	< 1	0.24	40	0.94	336
L 10W 16450E	203 238	< 5	1.63	< 0.2	5	280	< 0.5	< 2	0.16	< 0.5	8	41	11	2.27	< 10	< 1	0.14	20	0.51	310
L 10W 17400E	203 238	< 5	1.72	< 0.2	< 5	300	< 0.5	< 2	0.17	< 0.5	9	28	11	2.57	< 10	< 1	0.18	30	0.60	310
L 10W 18400E	203 238	5	2.19	< 0.2	5	300	< 0.5	< 2	0.13	< 0.5	11	41	17	3.60	< 10	< 1	0.16	40	1.40	435
L 10W 18450E	203 238	70	1.55	< 0.2	5	310	< 0.5	2	0.12	< 0.5	8	46	10	2.35	< 10	< 1	0.30	30	0.75	257
L 10W 19400E	203 238	80	1.33	< 0.2	< 5	330	< 0.5	< 2	0.09	< 0.5	9	28	18	2.85	< 10	< 1	0.22	40	0.86	269
L 10W 19450E	203 238	85	1.60	< 0.2	20	370	< 0.5	4	0.17	< 0.5	12	32	16	2.67	< 10	< 1	0.27	30	0.78	291
L 10W 19450E	203 238	< 5	0.96	< 0.2	10	290	< 0.5	< 2	0.12	< 0.5	4	28	6	1.30	< 10	< 1	0.26	30	0.37	90
L 10W 20400E	203 238	5	1.80	< 0.2	< 5	300	< 0.5	< 2	0.18	< 0.5	8	42	10	2.25	< 10	< 1	0.19	20	0.43	220
L 10W 20450E	203 238	170	1.78	< 0.2	170	400	< 0.5	< 2	0.18	< 0.5	6	40	12	2.12	< 10	1	0.20	30	0.41	148
L 10W 21400E	203 238	83	0.93	< 0.2	80	230	< 0.5	< 2	0.06	< 0.5	4	32	9	1.24	< 10	< 1	0.22	40	0.22	105
L 10W 21450E	203 238	5	2.33	< 0.2	10	360	< 0.5	< 2	0.10	1.0	9	43	20	3.20	< 10	< 1	0.22	20	0.70	358
L 10W 22400E	203 238	< 5	2.39	< 0.2	< 5	380	< 0.5	< 4	0.21	< 0.5	13	53	14	2.76	< 10	< 1	0.11	20	0.92	753
L 10W 22450E	203 238	< 5	2.10	< 0.2	20	450	< 0.5	< 2	0.14	< 0.5	7	42	12	2.43	< 10	< 1	0.17	20	0.59	205
L 10W 23400E	203 238	< 5	2.05	< 0.2	< 5	320	< 0.5	< 2	0.21	< 0.5	9	50	17	2.68	< 10	4	0.13	20	0.60	263
L 10W 23450E	203 238	< 5	1.75	< 0.2	< 5	470	< 0.5	< 2	0.14	< 0.5	6	32	8	2.24	< 10	< 1	0.17	20	0.50	170
L 10W 24400E	203 238	< 5	2.08	< 0.2	< 5	670	< 0.5	< 2	0.10	< 0.5	7	31	7	2.56	< 10	< 1	0.29	30	0.71	292
L 10W 24450E	203 238	< 5	1.63	< 0.2	5	770	< 0.5	< 2	0.30	< 0.5	23	33	11	2.36	< 10	< 1	0.21	20	0.52	2730
L 10W 25400E	203 238	< 5	1.67	< 0.2	15	950	< 0.5	< 2	0.30	< 0.5	8	43	12	2.46	< 10	< 1	0.12	20	0.37	503
L 10W 25450E	203 238	< 5	0.97	< 0.2	< 5	820	< 0.5	< 2	0.26	< 0.5	3	40	10	1.41	< 10	< 1	0.21	40	0.22	207
L 12W 00400E	203 238	< 5	1.24	< 0.2	20	390	< 0.5	< 2	0.16	< 0.5	4	43	18	1.39	< 10	< 1	0.17	30	0.27	114
L 12W 00450E	203 238	< 5	0.84	< 0.2	15	240	< 0.5	< 2	0.12	< 0.5	3	82	9	0.89	< 10	< 1	0.19	20	0.19	149
L 12W 03400E	203 238	< 5	1.83	< 0.2	15	420	< 0.5	< 2	0.39	< 0.5	8	38	22	1.95	< 10	< 1	0.24	30	0.56	275
L 12W 03450E	203 238	< 5	1.58	< 0.2	10	240	< 0.5	< 2	0.26	< 0.5	8	57	24	2.28	< 10	5	0.23	30	0.62	291
L 12W 04400E	203 238	< 5	1.56	< 0.2	10	320	< 0.5	< 2	0.20	< 0.5	6	43	25	2.13	< 10	< 1	0.20	30	0.45	240
L 12W 04450E	203 238	< 5	1.98	< 0.2	20	270	< 0.5	< 4	0.23	< 0.5	10	50	20	2.65	< 10	< 1	0.16	30	0.61	333
L 12W 05400E	203 238	< 5	2.61	< 0.4	35	250	< 0.5	< 2	0.16	< 0.5	10	51	21	3.14	< 10	< 1	0.08	20	0.47	302
L 12W 05450E	203 238	< 5	1.43	< 0.2	5	130	< 0.5	< 2	0.19	< 0.5	8	50	13	2.79	< 10	< 1	0.08	20	0.84	403
L 12W 06400E	203 238	< 5	1.61	< 0.2	10	280	< 0.5	< 2	0.13	< 0.5	8	32	32	2.15	< 10	< 1	0.21	30	0.52	304
L 12W 06450E	203 238	< 5	2.17	< 0.2	5	410	< 0.5	< 2	0.15	< 0.5	7	46	25	2.71	< 10	< 1	0.14	30	0.55	307

CERTIFICATION :

*Heidi Suckler*



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

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PHONE (604) 984-8221

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Project: DAWSON

Comments: CC: FERRY ORINBERGO

Page No. 2-A

Tot. Pa. 9

Date: 09-JUL-87

Invoice #: I-8717052

P.O. #: ACR-DEZ

## CERTIFICATE OF ANALYSIS A8717052

SAMPLE DESCRIPTION	PREP CODE	As ppb RUSH	Al %	Ag ppm	Au ppm	Ba ppm	Bc ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L 10W 11+00S	203 238	< 5	1.23	< 0.2	< 5	270	< 0.5	< 2	0.11	< 0.5	4	36	10	1.65	< 10	< 1	0.30	30	0.49	172
L 10W 11+30S	203 238	< 5	1.47	< 0.2	< 20	460	< 0.5	< 2	0.36	< 0.5	8	40	20	2.08	< 10	< 1	0.19	30	0.52	280
L 10W 12+00S	203 238	< 5	1.47	< 0.2	< 5	450	< 0.5	< 2	0.33	< 0.5	6	39	14	1.89	< 10	< 1	0.13	20	0.42	219
L 10W 12+30S	203 238	< 5	1.54	< 0.2	10	470	< 0.5	< 2	0.32	< 0.5	7	36	34	2.01	< 10	< 1	0.13	20	0.49	275
L 10W 13+00S	203 238	< 5	1.73	< 0.2	10	460	< 0.5	< 2	0.28	< 0.5	8	41	17	2.28	< 10	< 1	0.16	30	0.53	223
L 10W 13+30S	203 238	< 5	1.36	< 0.2	30	310	< 0.5	< 2	0.25	< 0.5	7	40	12	1.90	< 10	< 1	0.16	30	0.50	200
L 10W 14+00S	203 238	< 5	1.49	< 0.2	20	360	< 0.5	< 2	0.24	< 0.5	7	34	16	2.16	< 10	< 1	0.19	30	0.71	233
L 10W 14+30S	203 238	< 5	1.77	< 0.2	15	280	< 0.5	< 2	0.16	< 0.5	7	37	13	2.31	< 10	< 1	0.15	20	0.59	286
L 10W 15+00S	203 238	< 5	1.39	< 0.2	5	350	< 0.5	< 2	0.21	< 0.5	9	30	16	2.45	< 10	< 1	0.23	40	0.77	293
L 10W 15+30S	203 238	< 5	1.72	< 0.2	15	390	< 0.5	< 2	0.18	< 0.5	8	36	19	2.62	< 10	< 1	0.14	30	0.65	269
L 10W 16+00S	203 238	< 5	1.56	< 0.2	10	310	< 0.5	< 2	0.06	< 0.5	10	37	15	2.54	< 10	< 1	0.24	40	0.94	336
L 10W 16+30S	203 238	< 5	1.63	< 0.2	< 5	280	< 0.5	< 2	0.17	< 0.5	8	41	11	2.27	< 10	< 1	0.14	20	0.51	310
L 10W 17+00S	203 238	< 5	1.72	< 0.2	< 5	300	< 0.5	< 2	0.16	0.5	9	38	11	2.57	< 10	< 1	0.18	30	0.60	310
L 10W 17+30S	203 238	5	2.19	< 0.2	5	300	< 0.5	< 2	0.13	0.5	11	41	17	3.60	< 10	< 1	0.16	40	1.40	435
L 10W 18+00S	203 238	30	1.55	< 0.2	5	310	< 0.5	2	0.12	< 0.5	8	46	10	2.35	< 10	< 1	0.30	30	0.75	257
L 10W 18+30S	203 238	80	1.53	0.2	< 5	330	< 0.5	< 2	0.09	< 0.5	9	28	18	2.85	< 10	< 1	0.32	40	0.86	269
L 10W 19+00S	203 238	35	1.60	< 0.2	20	370	< 0.5	4	0.17	< 0.5	12	32	16	2.67	< 10	< 1	0.27	30	0.78	291
L 10W 19+30S	203 238	< 5	0.96	< 0.2	10	290	< 0.5	< 2	0.12	< 0.5	4	28	6	1.30	< 10	< 1	0.26	30	0.37	96
L 10W 20+00S	203 238	5	1.80	0.2	< 5	500	< 0.5	< 2	0.18	0.5	8	42	10	2.25	< 10	< 1	0.19	20	0.42	220
L 10W 20+30S	203 238	170	1.78	< 0.2	170	400	< 0.5	< 2	0.18	< 0.5	6	40	12	2.12	< 10	1	0.20	30	0.41	148
L 10W 21+00S	203 238	85	0.93	< 0.2	80	250	< 0.5	< 2	0.06	< 0.5	4	32	9	1.24	< 10	< 1	0.22	40	0.22	109
L 10W 21+30S	203 238	M	2.33	< 0.2	10	360	< 0.5	< 2	0.10	1.0	9	43	20	3.20	< 10	< 1	0.22	20	0.70	338
L 10W 22+00S	203 238	< 5	2.39	< 0.2	< 5	580	< 0.5	< 4	0.21	0.5	13	53	14	2.76	< 10	< 1	0.11	20	0.92	753
L 10W 22+30S	203 238	< 5	2.10	< 0.2	20	450	< 0.5	< 2	0.14	< 0.5	7	42	12	2.43	< 10	< 1	0.17	20	0.59	205
L 10W 23+00S	203 238	< 5	2.05	< 0.2	< 5	320	< 0.5	< 2	0.21	0.5	9	50	17	2.68	< 10	4	0.13	20	0.60	263
L 10W 23+30S	203 238	< 5	1.73	< 0.2	< 5	470	< 0.5	< 2	0.14	0.5	6	32	8	2.24	< 10	< 1	0.17	20	0.50	170
L 10W 24+00S	203 238	< 5	2.08	< 0.2	< 5	670	< 0.5	< 2	0.10	0.5	7	31	7	2.56	< 10	< 1	0.29	30	0.71	292
L 10W 24+30S	203 238	< 5	1.65	< 0.2	5	770	< 0.5	< 2	0.30	< 0.5	23	33	11	2.36	< 10	< 1	0.21	20	0.32	2730
L 10W 25+00S	203 238	< 5	1.67	0.2	15	950	< 0.5	< 2	0.30	< 0.5	8	43	12	2.46	< 10	< 1	0.12	20	0.37	503
L 10W 25+30S	203 238	< 5	0.97	< 0.2	< 5	820	< 0.5	< 2	0.26	0.5	3	40	10	1.41	< 10	< 1	0.21	40	0.72	707
L 12W 00+00S	203 238	< 5	1.24	< 0.2	20	390	< 0.5	< 2	0.16	< 0.5	4	43	18	1.39	< 10	< 1	0.17	30	0.27	114
L 12W 00+30S	203 238	< 5	0.84	< 0.2	15	240	< 0.5	< 2	0.12	< 0.5	3	82	9	0.89	< 10	< 1	0.19	20	0.13	149
L 12W 02+30S	203 238	< 5	1.83	< 0.2	15	420	< 0.5	< 2	0.39	0.5	8	38	22	1.95	< 10	< 1	0.24	30	0.56	275
L 12W 03+30S	203 238	< 5	1.38	< 0.2	10	240	< 0.5	< 2	0.26	< 0.5	8	57	24	2.28	< 10	5	0.23	30	0.62	291
L 12W 04+00S	203 238	< 5	1.56	< 0.2	10	320	< 0.5	< 2	0.20	0.5	6	43	25	2.13	< 10	< 1	0.20	30	0.45	240
L 12W 04+30S	203 238	< 5	1.98	< 0.2	20	270	< 0.5	< 4	0.23	< 0.5	10	50	20	2.65	< 10	< 1	0.16	30	0.61	333
L 12W 05+00S	203 238	< 5	2.61	< 0.4	35	250	< 0.5	< 2	0.16	< 0.5	10	51	21	3.14	< 10	< 1	0.08	20	0.47	302
L 12W 05+30S	203 238	< 5	1.45	< 0.2	5	130	< 0.5	< 2	0.19	0.5	8	50	13	2.79	< 10	< 1	0.08	20	0.84	403
L 12W 06+00S	203 238	< 5	1.61	< 0.2	10	280	< 0.5	< 2	0.13	< 0.5	8	32	32	2.15	< 10	< 1	0.21	30	0.52	304
L 12W 06+30S	203 238	< 5	2.17	0.2	5	410	< 0.5	< 2	0.15	0.5	7	46	35	2.71	< 10	< 1	0.14	20	0.55	307

CERTIFICATION :

*Walter Buchler*



# 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

1900 - 999 W. HASTINGS ST.  
VANCOUVER, B.C.  
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Project: DAWSON

Comments: CC: PERRY GRUNENBERG

Page No.: 2-B

Tot. Pgs: 9

Date: 09-JUL-87

Invoice #: 1-8717052

P.O. #: ACR-DEZ

## CERTIFICATE OF ANALYSIS A8717052

SAMPLE DESCRIPTION	PREP CODE	Mb ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L 10W 11400S	203 238	< 1	0.01	8	270	30	< 5	< 10	12	0.05	< 10	< 10	17	< 5	55
L 10W 11450S	203 238	< 1	0.01	17	380	16	< 5	< 10	30	0.08	< 10	< 10	37	< 5	53
L 10W 12400S	203 238	< 1	0.01	13	300	30	< 5	< 10	26	0.08	< 10	< 10	41	< 5	42
L 10W 12450S	203 238	< 1	0.01	20	320	34	< 5	< 10	25	0.08	< 10	< 10	37	< 5	104
L 10W 13400S	203 238	< 1	0.01	13	320	26	< 5	10	25	0.09	< 10	< 10	42	< 5	55
L 10W 13450S	203 238	< 1	0.01	8	240	26	< 5	< 10	22	0.08	< 10	< 10	35	< 5	48
L 10W 14400S	203 238	< 1	0.01	13	340	22	< 5	< 10	22	0.07	< 10	< 10	30	< 5	59
L 10W 14450S	203 238	1	0.01	13	240	16	< 5	< 10	15	0.07	< 10	< 10	37	< 5	51
L 10W 15400S	203 238	< 1	< 0.01	11	410	24	< 5	< 10	18	0.09	< 10	< 10	24	< 5	59
L 10W 15450S	203 238	< 1	< 0.01	13	120	22	< 5	< 10	15	0.12	< 10	< 10	34	< 5	55
L 10W 16400S	203 238	< 1	< 0.01	15	200	28	< 5	< 10	9	0.04	< 10	< 10	19	< 5	63
L 10W 16450S	203 238	< 1	0.01	11	240	30	< 5	< 10	16	0.10	< 10	< 10	51	< 5	48
L 10W 17400S	203 238	< 1	0.01	12	260	28	< 5	< 10	17	0.08	< 10	< 10	43	< 5	48
L 10W 17450S	203 238	1	< 0.01	14	310	24	< 5	< 10	14	0.10	< 10	< 10	33	< 5	81
L 10W 18400S	203 238	1	0.01	12	160	30	< 5	< 10	12	0.07	< 10	< 10	31	< 5	47
L 10W 18450S	203 238	< 1	< 0.01	9	270	28	< 5	< 10	10	0.04	< 10	< 10	19	5	63
L 10W 19400S	203 238	< 1	< 0.01	14	240	28	< 5	10	18	0.04	< 10	< 10	26	< 5	56
L 10W 19450S	203 238	< 1	< 0.01	4	140	26	< 5	< 10	11	0.05	< 10	< 10	17	< 5	26
L 10W 20400S	203 238	< 1	0.01	15	130	36	< 5	< 10	19	0.06	< 10	< 10	44	< 5	45
L 10W 20450S	203 238	< 1	0.01	9	150	36	< 5	< 10	20	0.06	< 10	< 10	41	< 5	40
L 10W 21400S	203 238	< 1	< 0.01	8	90	18	< 5	< 10	13	0.03	< 10	< 10	17	< 5	26
L 10W 21450S	203 238	2	0.01	16	250	30	< 5	< 10	19	0.06	< 10	< 10	51	< 5	83
L 10W 22400S	203 238	< 1	0.01	18	190	36	< 5	< 10	18	0.07	< 10	< 10	61	< 5	79
L 10W 22450S	203 238	< 1	0.01	15	110	24	< 5	< 10	15	0.06	< 10	< 10	40	< 5	67
L 10W 23400S	203 238	1	0.01	20	120	10	5	< 10	21	0.09	< 10	< 10	56	5	57
L 10W 23450S	203 238	< 1	0.01	9	120	12	< 5	< 10	15	0.04	< 10	< 10	31	< 5	43
L 10W 24400S	203 238	< 1	0.01	10	160	2	< 5	< 10	12	0.02	< 10	< 10	26	< 5	55
L 10W 24450S	203 238	< 1	0.01	15	810	20	< 5	< 10	29	0.06	< 10	< 10	43	< 5	75
L 10W 25400S	203 238	1	0.01	17	260	20	< 5	< 10	28	0.09	< 10	< 10	55	< 5	45
L 10W 25450S	203 238	1	0.01	9	230	24	< 5	< 10	25	0.05	< 10	< 10	24	< 5	53
L 12W 00400S	203 238	< 1	0.01	12	620	60	< 5	< 10	20	0.03	< 10	< 10	20	< 5	43
L 12W 00450S	203 238	< 1	0.02	4	300	38	< 5	< 10	14	0.03	< 10	< 10	22	< 5	32
L 12W 02400S	203 238	< 1	0.01	17	570	76	< 5	< 10	36	0.06	< 10	< 10	30	< 5	98
L 12W 03400S	203 238	1	0.01	6	380	104	< 5	< 10	22	0.06	< 10	< 10	27	5	104
L 12W 04400S	203 238	1	0.01	8	310	76	< 5	< 10	17	0.04	< 10	< 10	32	< 5	100
L 12W 04450S	203 238	< 1	0.01	16	230	50	< 5	< 10	21	0.08	< 10	< 10	42	< 5	74
L 12W 05400S	203 238	2	0.01	21	260	32	< 5	< 10	18	0.10	< 10	< 10	65	< 5	58
L 12W 05450S	203 238	< 1	0.01	12	280	8	< 5	< 10	21	0.15	< 10	< 10	52	< 5	82
L 12W 06400S	203 238	< 1	0.01	8	300	12	< 5	< 10	17	0.06	< 10	< 10	27	< 5	79
L 12W 06450S	203 238	< 1	0.01	15	230	34	< 5	< 10	17	0.08	< 10	< 10	54	< 5	67

CERTIFICATION :

*Heidi Buchler*



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,  
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PHONE (604) 984-0211

To: MARK MANAGEMENT LIMITED

1900 - 999 W. HASTINGS ST.  
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Project: DAWSON

Comments: CC: PERRY GRUNENBERG

Page No. 3-A

Tot. Pa

Date 09-JUL-87

Invoice #: I-8717052

P.O. #: ACR-DEZ

## CERTIFICATE OF ANALYSIS A8717052

SAMPLE DESCRIPTION	PREP CODE	As ppb RUSH	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
L 12W 07+00S	203 238	20	1.85	< 0.2	< 5	320	< 0.5	2	0.16	< 0.5	7	34	24	2.32	< 10	1	0.13	20	0.50	206
L 12W 07+50S	203 238	< 5	1.99	< 0.2	5	360	< 0.5	2	0.18	< 0.5	8	41	26	2.54	< 10	1	0.14	20	0.50	298
L 12W 08+00S	203 238	< 5	1.28	0.4	10	250	< 0.5	< 2	0.12	< 0.5	6	35	10	1.89	< 10	< 1	0.16	30	0.53	207
L 12W 08+50S	203 238	< 5	1.31	0.2	20	280	< 0.5	< 2	0.11	< 0.5	7	33	16	1.86	< 10	< 1	0.16	30	0.54	224
L 12W 09+00S	203 238	< 5	1.27	0.2	< 5	240	< 0.5	< 2	0.15	< 0.5	6	40	13	1.86	< 10	< 1	0.14	20	0.45	174
L 12W 09+50S	203 238	< 5	1.22	0.2	5	260	< 0.5	< 2	0.18	< 0.5	8	34	19	1.96	< 10	< 1	0.15	30	0.57	241
L 12W 10+00S	203 238	< 5	1.38	0.2	5	320	< 0.5	< 2	0.23	< 0.5	8	40	18	2.14	< 10	< 1	0.22	30	0.70	271
L 12W 10+50S	203 238	5	1.30	0.4	25	320	< 0.5	< 2	0.23	< 0.5	7	39	17	1.85	< 10	< 1	0.17	30	0.44	197
L 12W 11+00S	203 238	< 5	1.27	0.2	< 5	310	< 0.5	< 2	0.24	< 0.5	7	45	12	1.77	< 10	< 1	0.15	30	0.43	186
L 12W 11+50S	203 238	< 5	1.78	< 0.2	15	510	< 0.5	2	0.31	< 0.5	8	41	17	2.27	< 10	< 1	0.16	30	0.49	313
L 12W 12+00S	203 238	< 5	1.67	< 0.2	10	310	< 0.5	< 2	0.24	< 0.5	7	41	9	2.42	< 10	< 1	0.14	20	0.47	190
L 12W 12+50S	203 238	< 5	1.32	< 0.2	5	380	< 0.5	< 2	0.25	< 0.5	8	38	14	2.07	< 10	< 1	0.14	30	0.40	299
L 12W 13+00S	203 238	< 5	1.28	< 0.2	5	300	< 0.5	< 2	0.24	< 0.5	7	38	11	2.00	< 10	< 1	0.12	20	0.43	222
L 12W 13+50S	203 238	< 5	1.35	< 0.2	15	240	< 0.5	2	0.19	< 0.5	8	40	9	2.29	< 10	< 1	0.13	20	0.46	212
L 12W 14+00S	203 238	< 5	1.57	0.2	10	380	< 0.5	< 2	0.25	< 0.5	8	40	18	2.19	< 10	1	0.16	20	0.49	227
L 12W 14+50S	203 238	< 5	1.55	< 0.2	< 5	290	< 0.5	< 2	0.22	< 0.5	8	39	12	2.27	< 10	< 1	0.11	20	0.53	248
L 12W 15+00S	203 238	< 5	1.51	< 0.2	10	310	< 0.5	< 2	0.23	< 0.5	8	38	15	2.25	< 10	< 1	0.11	20	0.50	208
L 12W 15+50S	203 238	< 5	1.74	< 0.2	< 5	410	< 0.5	2	0.28	< 0.5	11	38	17	2.50	< 10	< 1	0.10	20	0.50	264
L 12W 16+00S	203 238	< 5	0.78	0.4	< 5	140	< 0.5	2	0.14	< 0.5	6	19	7	1.26	< 10	< 1	0.07	10	0.28	126
L 12W 16+50S	203 238	< 5	1.61	0.2	< 5	310	< 0.5	2	0.20	< 0.5	11	33	14	2.43	< 10	< 1	0.13	20	0.53	477
L 12W 17+00S	203 238	< 5	1.72	< 0.2	5	400	< 0.5	< 2	0.21	< 0.5	10	42	18	2.76	< 10	< 1	0.15	30	0.71	275
L 12W 17+50S	203 238	< 5	1.74	0.4	10	340	< 0.5	< 2	0.16	< 0.5	9	29	14	2.26	< 10	< 1	0.21	40	0.62	270
L 12W 18+00S	203 238	< 5	1.74	0.2	< 5	280	< 0.5	< 2	0.16	< 0.5	8	40	15	2.46	< 10	< 1	0.12	20	0.47	211
L 12W 18+50S	203 238	< 5	1.49	0.2	10	480	< 0.5	< 2	0.06	< 0.5	6	24	9	1.77	< 10	< 1	0.21	40	0.43	125
L 12W 19+00S	203 238	345	1.63	0.2	10	370	< 0.5	< 2	0.16	< 0.5	7	40	11	2.19	< 10	< 1	0.14	20	0.40	172
L 12W 19+50S	203 238	125	2.22	0.6	70	340	< 0.5	< 2	0.19	< 0.5	10	42	13	2.98	< 10	< 1	0.12	20	0.48	297
L 12W 20+00S	203 238	95	1.34	0.2	45	290	< 0.5	< 2	0.08	< 0.5	6	26	15	1.91	< 10	< 1	0.20	40	0.34	127
L 12W 20+50S	203 238	20	1.20	0.2	15	240	< 0.5	< 2	0.13	< 0.5	1	30	8	1.72	< 10	< 1	0.14	30	0.29	118
L 12W 21+00S	203 238	10	1.50	0.4	15	240	< 0.5	< 2	0.12	< 0.5	6	40	11	2.02	< 10	< 1	0.14	30	0.57	185
L 12W 21+50S	203 238	5	1.86	0.2	10	400	< 0.5	2	0.20	< 0.5	9	37	15	2.52	< 10	1	0.12	20	0.49	295
L 12W 22+00S	203 238	5	1.80	< 0.2	5	470	< 0.5	< 2	0.18	< 0.5	11	38	15	2.45	< 10	1	0.12	20	0.49	374
L 12W 22+50S	203 238	20	1.46	0.2	5	320	< 0.5	< 2	0.16	< 0.5	6	34	10	2.08	< 10	< 1	0.10	20	0.38	166
L 12W 23+00S	203 238	< 5	1.50	0.2	< 5	380	< 0.5	< 2	0.11	< 0.5	5	34	7	1.98	< 10	< 1	0.15	20	0.44	159
L 12W 23+50S	203 238	< 5	0.96	< 0.2	5	250	< 0.5	2	0.10	< 0.5	< 1	26	5	1.36	< 10	2	0.10	10	0.21	103
L 12W 24+00S	203 238	5	1.34	< 0.2	5	290	< 0.5	< 2	0.17	< 0.5	7	36	12	2.05	< 10	< 1	0.11	20	0.37	172
L 12W 24+50S	203 238	< 5	0.85	< 0.2	< 5	240	< 0.5	2	0.14	< 0.5	1	31	4	1.48	< 10	< 1	0.14	10	0.18	193
L 14W 00+00S	203 238	< 5	1.08	0.4	< 5	280	< 0.5	< 2	0.10	< 0.5	< 1	31	6	0.98	< 10	< 1	0.15	50	0.16	82
L 14W 00+50S	203 238	10	1.35	0.2	< 5	340	< 0.5	2	0.16	< 0.5	6	43	8	1.63	< 10	< 1	0.13	30	0.31	151
L 14W 01+00S	203 238	< 5	1.72	< 0.2	5	410	< 0.5	2	0.17	< 0.5	7	38	11	2.11	< 10	< 1	0.12	30	0.36	178
L 14W 01+50S	203 238	< 5	1.19	0.2	5	240	< 0.5	< 2	0.14	< 0.5	6	32	9	1.61	< 10	< 1	0.13	50	0.35	118

CERTIFICATION :

*Hart Buchler*



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

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Project: DAWSON

Comments: CC: PERRY GRUNENBERG

Page No. 3-B

Tot. Pa. 3

Date 09-JUL-87

Invoice #: I-8717052

P.O. #: ACR-DEZ

## CERTIFICATE OF ANALYSIS A8717052

SAMPLE DESCRIPTION	PREP CODE	Mb ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L 12W 07400S	203 238	< 1	< 0.01	15	180	56	< 5	< 10	17	0.07	< 10	< 10	42	< 5	75
L 12W 07450S	203 238	< 1	< 0.01	13	300	80	< 5	< 10	19	0.08	< 10	< 10	49	< 5	84
L 12W 08400S	203 238	< 1	< 0.01	7	190	22	< 5	< 10	13	0.07	< 10	< 10	28	< 5	55
L 12W 08450S	203 238	< 1	< 0.01	8	190	36	< 5	< 10	13	0.06	< 10	< 10	23	< 5	63
L 12W 09400S	203 238	< 1	< 0.01	8	180	28	< 5	< 10	15	0.06	< 10	< 10	31	< 5	55
L 12W 09450S	203 238	< 1	< 0.01	10	240	46	< 5	< 10	18	0.07	< 10	< 10	23	< 5	91
L 12W 10400S	203 238	< 1	< 0.01	9	330	42	< 5	< 10	22	0.09	< 10	< 10	14	< 5	87
L 12W 10450S	203 238	< 1	< 0.01	7	310	48	5	20	23	0.08	< 10	< 10	28	< 5	62
L 12W 11400S	203 238	< 1	< 0.01	7	240	30	< 5	10	23	0.07	< 10	< 10	30	< 5	47
L 12W 11450S	203 238	< 1	< 0.01	13	440	24	< 5	< 10	30	0.07	< 10	< 10	39	5	53
L 12W 12400S	203 238	< 1	< 0.01	10	350	12	< 5	< 10	21	0.08	< 10	< 10	44	< 5	49
L 12W 12450S	203 238	< 1	< 0.01	11	500	14	< 5	< 10	23	0.06	< 10	< 10	32	< 5	52
L 12W 13400S	203 238	< 1	< 0.01	9	390	14	< 5	< 10	21	0.07	< 10	< 10	33	< 5	48
L 12W 13450S	203 238	< 1	< 0.01	9	370	< 2	< 5	< 10	17	0.07	< 10	< 10	38	< 5	47
L 12W 14400S	203 238	< 1	< 0.01	11	320	32	< 5	< 10	23	0.07	< 10	< 10	35	< 5	62
L 12W 14450S	203 238	< 1	< 0.01	12	350	12	< 5	< 10	20	0.08	< 10	< 10	38	< 5	51
L 12W 15400S	203 238	< 1	< 0.01	13	370	8	< 5	20	20	0.09	< 10	< 10	38	5	49
L 12W 15450S	203 238	< 1	< 0.01	13	420	< 2	< 5	< 10	27	0.08	< 10	< 10	43	5	54
L 12W 16400S	203 238	< 1	< 0.01	6	270	< 2	< 5	< 10	11	0.05	< 10	< 10	18	< 5	27
L 12W 16450S	203 238	< 1	< 0.01	11	370	4	< 5	< 10	18	0.10	< 10	< 10	36	5	48
L 12W 17400S	203 238	< 1	< 0.01	15	240	22	< 5	< 10	21	0.07	< 10	< 10	37	< 5	57
L 12W 17450S	203 238	< 1	< 0.01	9	180	20	< 5	< 10	18	0.08	< 10	< 10	35	< 5	53
L 12W 18400S	203 238	< 1	< 0.01	13	150	6	5	< 10	20	0.08	< 10	< 10	46	< 5	44
L 12W 18450S	203 238	< 1	< 0.01	9	170	10	< 5	< 10	11	0.03	< 10	< 10	22	< 5	33
L 12W 19400S	203 238	< 1	< 0.01	11	190	6	< 5	< 10	18	0.08	< 10	< 10	45	< 5	36
L 12W 19450S	203 238	< 1	< 0.01	19	170	4	< 5	< 10	21	0.09	< 10	< 10	58	5	52
L 12W 20400S	203 238	< 1	< 0.01	8	150	10	< 5	< 10	13	0.03	< 10	< 10	25	< 5	43
L 12W 20450S	203 238	< 1	< 0.01	7	150	16	< 5	< 10	17	0.05	< 10	< 10	35	< 5	32
L 12W 21400S	203 238	< 1	< 0.01	10	190	16	< 5	20	14	0.04	< 10	< 10	30	< 5	49
L 12W 21450S	203 238	< 1	< 0.01	17	170	10	< 5	< 10	20	0.08	< 10	< 10	51	< 5	47
L 12W 22400S	203 238	< 1	< 0.01	12	150	12	< 5	< 10	19	0.07	< 10	< 10	44	< 5	45
L 12W 22450S	203 238	< 1	< 0.01	11	110	4	< 5	< 10	16	0.07	< 10	< 10	41	< 5	38
L 12W 23400S	203 238	< 1	< 0.01	6	110	6	< 5	< 10	12	0.04	< 10	< 10	28	< 5	46
L 12W 23450S	203 238	< 1	< 0.01	6	60	10	< 5	< 10	10	0.05	< 10	< 10	29	< 5	29
L 12W 24400S	203 238	< 1	< 0.01	11	160	8	< 5	< 10	17	0.07	< 10	< 10	39	< 5	39
L 12W 24450S	203 238	< 1	< 0.01	5	240	< 2	< 5	< 10	14	0.05	< 10	< 10	34	< 5	32
L 14W 00400S	203 238	< 1	< 0.01	5	210	22	< 5	< 10	11	0.02	< 10	< 10	16	< 5	36
L 14W 00450S	203 238	< 1	< 0.01	9	150	30	< 5	< 10	17	0.06	< 10	< 10	32	< 5	41
L 14W 01400S	203 238	< 1	< 0.01	12	280	22	< 5	< 10	19	0.07	< 10	< 10	40	< 5	49
L 14W 01450S	203 238	< 1	< 0.01	7	220	32	< 5	10	20	0.06	< 10	< 10	26	< 5	37

CERTIFICATION :



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,  
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To: MARK MANAGEMENT LIMITED

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Project : DAWSON

Comments: CC: PERRY GRUNENBERG

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Tot. Pages 9

Date 1999-JUL-87

Invoice # I-8717052

P.O. # ACR-DEZ

## CERTIFICATE OF ANALYSIS A8717052

SAMPLE DESCRIPTION	PREP CODE	Au ppb RUSH	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
L 14W 02+00S	203 238	< 5	1.93	< 0.2	15	190	< 0.5	< 2	0.32	< 0.5	8	39	17	1.88	< 10	< 1	0.13	40	1.19	219
L 14W 02+50S	203 238	< 5	1.36	< 0.2	15	120	< 0.5	< 2	0.20	< 0.5	6	19	8	2.12	< 10	< 1	0.09	20	0.42	178
L 14W 03+00S	203 238	< 5	1.36	0.2	20	180	< 0.5	< 2	0.12	< 0.5	6	16	13	1.91	< 10	< 1	0.12	20	0.36	129
L 14W 03+50S	203 238	< 5	1.91	< 0.2	20	230	< 0.5	< 2	0.31	< 0.5	7	25	15	2.75	< 10	< 1	0.09	30	0.53	211
L 14W 04+00S	203 238	< 5	2.48	< 0.2	5	300	< 0.5	< 2	0.24	< 0.5	10	31	15	2.97	< 10	< 1	0.09	20	0.49	260
L 14W 04+50S	203 238	< 5	2.46	< 0.2	5	260	< 0.5	< 2	0.19	< 0.5	9	33	19	3.31	< 10	< 1	0.08	20	0.51	325
L 14W 05+00S	203 238	< 5	2.18	< 0.2	10	270	< 0.5	< 2	0.13	< 0.5	9	27	43	3.07	< 10	< 1	0.10	20	0.75	311
L 14W 05+50S	203 238	40	2.13	0.4	10	400	< 0.5	< 2	0.10	< 0.5	8	26	35	2.67	< 10	< 1	0.12	20	0.84	308
L 14W 06+00S	203 238	< 5	1.54	< 0.2	10	350	< 0.5	< 2	0.14	< 0.5	7	22	19	2.17	< 10	< 1	0.08	20	0.44	185
L 14W 06+50S	203 238	5	1.44	< 0.2	15	280	< 0.5	< 2	0.16	< 0.5	6	19	24	2.40	< 10	1	0.12	20	0.62	235
L 14W 07+00S	203 238	5	1.93	< 0.2	20	450	< 0.5	< 2	0.15	< 0.5	7	23	17	2.35	< 10	< 1	0.09	20	0.49	155
L 14W 07+50S	203 238	10	1.50	0.4	10	260	< 0.5	< 2	0.19	< 0.5	7	18	13	1.93	< 10	< 1	0.12	20	0.53	188
L 14W 08+00S	203 238	< 5	1.44	0.2	5	350	< 0.5	< 2	0.19	< 0.5	6	16	9	1.64	< 10	< 1	0.16	30	0.47	189
L 14W 08+50S	203 238	< 5	1.05	0.4	10	270	< 0.5	< 2	0.10	< 0.5	5	7	11	1.53	< 10	< 1	0.21	30	0.38	209
L 14W 09+00S	203 238	< 5	1.06	0.2	10	200	< 0.5	< 2	0.09	< 0.5	< 1	11	10	1.66	< 10	< 1	0.17	40	0.32	138
L 14W 09+50S	203 238	< 5	1.02	< 0.2	10	220	< 0.5	< 2	0.12	< 0.5	1	11	9	1.46	< 10	< 1	0.16	30	0.30	154
L 14W 10+00S	203 238	10	0.75	0.2	15	140	< 0.5	< 2	0.06	< 0.5	< 1	4	10	1.10	< 10	< 1	0.13	40	0.27	114
L 14W 10+50S	203 238	< 5	1.27	0.2	25	270	< 0.5	< 2	0.17	< 0.5	7	18	9	2.05	< 10	< 1	0.13	30	0.52	281
L 14W 11+00S	203 238	< 5	1.26	< 0.2	5	230	< 0.5	< 2	0.17	< 0.5	8	19	10	2.05	< 10	< 1	0.11	20	0.38	296
L 14W 11+50S	203 238	< 5	1.69	< 0.2	15	290	< 0.5	2	0.24	< 0.5	8	25	25	2.30	< 10	< 1	0.15	20	0.43	278
L 14W 12+00S	203 238	< 5	0.83	0.2	< 5	270	< 0.5	< 2	0.20	< 0.5	< 1	12	6	1.29	< 10	< 1	0.11	30	0.23	238
L 14W 12+50S	203 238	< 5	0.84	0.4	5	160	< 0.5	< 2	0.17	0.5	< 1	10	12	1.14	< 10	< 1	0.12	30	0.27	126
L 14W 13+00S	203 238	15	1.07	0.8	15	250	< 0.5	< 2	0.23	0.5	< 1	42	24	1.45	< 10	< 1	0.21	40	0.34	179
L 14W 13+50S	203 238	25	1.35	0.8	15	340	< 0.5	< 2	0.28	1.0	7	49	36	1.71	< 10	< 1	0.24	40	0.41	261
L 14W 14+00S	203 238	40	2.00	1.8	30	500	< 0.5	< 2	0.36	2.5	12	51	58	2.92	< 10	< 1	0.23	40	0.79	603
L 14W 14+50S	203 238	15	1.59	0.4	25	490	< 0.5	< 2	0.53	1.0	11	54	28	2.30	< 10	< 1	0.15	30	0.54	525
L 14W 15+00S	203 238	< 5	1.48	< 0.2	< 5	380	< 0.5	< 2	0.30	< 0.5	8	41	20	2.15	< 10	< 1	0.10	20	0.41	227
L 14W 15+50S	203 238	20	1.59	< 0.2	< 5	410	< 0.5	< 2	0.35	< 0.5	8	51	16	2.25	< 10	< 1	0.13	20	0.46	236
L 14W 16+00S	203 238	< 5	1.58	0.2	< 5	420	< 0.5	< 2	0.56	< 0.5	11	52	25	2.63	< 10	< 1	0.16	30	0.59	393
L 14W 16+50S	203 238	< 5	1.49	0.2	15	390	< 0.5	< 2	0.42	< 0.5	10	57	17	2.34	< 10	< 1	0.16	30	0.52	359
L 14W 17+00S	203 238	< 5	1.43	< 0.2	5	430	< 0.5	< 2	0.82	< 0.5	11	44	25	2.32	< 10	< 1	0.12	20	0.53	348
L 14W 17+50S	203 238	5	1.46	< 0.2	5	490	< 0.5	< 2	0.34	< 0.5	8	47	13	2.03	< 10	3	0.11	20	0.47	283
L 14W 18+00S	203 238	< 5	1.44	0.2	15	470	< 0.5	< 2	0.74	< 0.5	11	39	23	2.30	< 10	< 1	0.11	20	0.54	396
L 14W 18+50S	203 238	5	1.65	0.2	5	440	< 0.5	< 2	0.56	< 0.5	11	44	17	2.51	< 10	< 1	0.12	20	0.57	413
L 14W 19+00S	203 238	< 5	1.79	0.4	20	510	< 0.5	< 2	0.63	< 0.5	11	42	21	2.74	< 10	< 1	0.17	20	0.62	455
L 14W 19+50S	203 238	5	1.64	0.4	< 5	550	< 0.5	< 2	0.51	< 0.5	11	45	23	2.45	< 10	< 1	0.14	30	0.51	419
L 14W 20+00S	203 238	30	1.33	0.4	10	500	< 0.5	< 2	0.29	< 0.5	8	37	18	1.69	< 10	< 1	0.18	40	0.38	248
L 14W 20+50S	203 238	15	1.48	0.2	20	460	< 0.5	< 2	0.30	< 0.5	8	49	16	2.22	< 10	< 1	0.16	30	0.48	254
L 14W 21+00S	203 238	25	2.00	0.4	20	450	< 0.5	< 4	0.38	< 0.5	11	44	32	3.20	< 10	< 1	0.22	30	0.95	417
L 14W 21+50S	203 238	15	1.87	0.2	35	340	< 0.5	< 2	0.14	< 0.5	8	39	16	2.49	< 10	< 1	0.16	20	0.52	173

CERTIFICATION :

*Hart Buchler*



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,  
BRITISH COLUMBIA, CANADA V7J-3C1

PHONE (604) 984-0221

To: MARK MANAGEMENT LIMITED

1900 - 999 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6C 2W2

Project: DAWSON

Comments: CC: PERRY GRUNENBERG

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Date 09-JUL-87

Invoice #: I-8717052

P.O. #: ACR-DEZ

## CERTIFICATE OF ANALYSIS A8717052

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sr ppm	Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
L 14W 02+00S	203 238	< 1	< 0.01	11	180	46	< 5	< 10	38	0.06	< 10	< 10	26	< 5	103
L 14W 02+50S	203 238	< 1	< 0.01	6	270	20	< 5	< 10	21	0.10	< 10	< 10	44	< 5	61
L 14W 03+00S	203 238	< 1	< 0.01	8	170	44	< 5	< 10	16	0.06	< 10	< 10	30	< 5	63
L 14W 03+50S	203 238	< 1	< 0.01	11	200	24	5	< 10	27	0.09	< 10	< 10	43	5	65
L 14W 04+00S	203 238	< 1	< 0.01	16	290	20	< 5	< 10	23	0.10	< 10	< 10	55	< 5	58
L 14W 04+50S	203 238	< 1	< 0.01	15	260	10	< 5	< 10	21	0.11	< 10	< 10	65	5	57
L 14W 05+00S	203 238	< 1	< 0.01	12	250	12	5	< 10	14	0.08	< 10	< 10	44	< 5	78
L 14W 05+50S	203 238	< 1	< 0.01	9	180	< 2	5	< 10	12	0.04	< 10	< 10	38	5	64
L 14W 06+00S	203 238	< 1	< 0.01	10	180	4	5	< 10	17	0.08	< 10	< 10	42	< 5	40
L 14W 06+50S	203 238	< 1	< 0.01	8	340	24	< 5	< 10	20	0.11	< 10	< 10	38	< 5	51
L 14W 07+00S	203 238	< 1	< 0.01	12	170	14	< 5	< 10	16	0.08	< 10	< 10	44	< 5	44
L 14W 07+50S	203 238	< 1	< 0.01	10	220	42	5	10	17	0.08	< 10	< 10	32	< 5	51
L 14W 08+00S	703 238	< 1	< 0.01	8	170	24	5	10	18	0.07	< 10	< 10	28	< 5	45
L 14W 08+50S	203 238	1	< 0.01	1	280	70	5	< 10	13	0.03	< 10	< 10	15	< 5	121
L 14W 09+00S	203 238	1	< 0.01	5	170	48	< 5	< 10	12	0.03	< 10	< 10	19	< 5	74
L 14W 09+50S	203 238	< 1	< 0.01	5	180	50	< 5	< 10	11	0.04	< 10	< 10	24	< 5	57
L 14W 10+00S	203 238	< 1	< 0.01	3	150	50	< 5	< 10	7	0.01	< 10	< 10	9	< 5	67
L 14W 10+50S	203 238	< 1	< 0.01	9	210	8	5	< 10	17	0.04	< 10	< 10	31	< 5	56
L 14W 11+00S	203 238	< 1	< 0.01	12	200	18	< 5	< 10	17	0.06	< 10	< 10	39	< 5	54
L 14W 11+50S	203 238	1	< 0.01	16	340	48	< 5	< 10	23	0.07	< 10	< 10	41	5	65
L 14W 12+00S	203 238	< 1	< 0.01	7	280	40	< 5	< 10	18	0.05	< 10	< 10	28	< 5	57
L 14W 12+50S	203 238	< 1	< 0.01	6	210	70	5	< 10	15	0.04	< 10	< 10	22	< 5	63
L 14W 13+00S	203 238	1	< 0.01	7	260	94	5	< 10	20	0.02	< 10	< 10	20	< 5	122
L 14W 13+50S	203 238	1	< 0.01	11	300	100	5	< 10	25	0.02	< 10	< 10	23	< 5	136
L 14W 14+00S	203 238	1	< 0.01	21	750	172	5	< 10	31	0.05	< 10	< 10	35	< 5	226
L 14W 14+50S	203 238	< 1	< 0.01	16	690	44	< 5	< 10	47	0.03	< 10	< 10	27	5	105
L 14W 15+00S	203 238	< 1	< 0.01	14	400	6	5	< 10	27	0.08	< 10	< 10	43	5	47
L 14W 15+50S	203 238	< 1	0.01	14	540	12	< 5	< 10	32	0.08	< 10	< 10	46	5	55
L 14W 16+00S	203 238	< 1	0.02	22	600	6	5	< 10	39	0.10	< 10	< 10	55	< 5	68
L 14W 16+50S	203 238	< 1	0.01	14	520	10	< 5	< 10	34	0.08	< 10	< 10	43	5	58
L 14W 17+00S	203 238	< 1	0.02	21	640	10	< 5	< 10	47	0.08	< 10	< 10	47	5	59
L 14W 17+50S	203 238	< 1	0.01	14	460	4	5	< 10	29	0.09	< 10	< 10	35	< 5	47
L 14W 18+00S	203 238	< 1	0.02	19	540	2	5	< 10	44	0.08	< 10	< 10	44	< 5	60
L 14W 18+50S	203 238	< 1	0.02	15	490	4	5	< 10	40	0.09	< 10	< 10	51	5	60
L 14W 19+00S	203 238	< 1	0.02	20	610	10	5	< 10	50	0.10	< 10	< 10	57	5	69
L 14W 19+50S	203 238	< 1	0.02	19	480	4	< 5	< 10	39	0.09	< 10	< 10	48	< 5	55
L 14W 20+00S	203 238	< 1	0.01	10	310	18	< 5	< 10	28	0.06	< 10	< 10	29	< 5	50
L 14W 20+50S	203 238	< 1	0.01	13	300	< 2	< 5	< 10	28	0.08	< 10	< 10	39	< 5	50
L 14W 21+00S	203 238	< 1	< 0.01	18	680	18	< 5	< 10	30	0.04	< 10	< 10	40	5	82
L 14W 21+50S	203 238	< 1	< 0.01	12	150	16	< 5	< 10	16	0.06	< 10	< 10	41	5	54

CERTIFICATION :

*Hartwichler*



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V6C 2W2

Project : DAWSON

Comments: CC: PERRY GRUNENBERG

Page No. : 5-A  
Tot. Page :  
Date : JUL-87  
Invoice # : I-8717052  
P.O. # : ACR-DEZ

## CERTIFICATE OF ANALYSIS A8717052

SAMPLE DESCRIPTION	PREP CODE		As	Al	Ag	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
			ppb RUSH	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
L 1W 22+00S	203	238	30	1.12	0.2	10	570	< 0.5	< 2	0.20	< 0.5	< 1	28	7	1.17	< 10	< 1	0.14	40	0.30	107
L 1W 22+50S	203	238	15	1.76	0.4	10	380	< 0.5	< 2	0.32	< 0.5	8	45	15	2.39	< 10	< 1	0.18	20	0.49	245
L 1W 23+00S	203	238	< 5	1.83	0.4	10	450	< 0.5	< 2	0.26	< 0.5	9	41	16	2.29	< 10	< 1	0.17	30	0.46	250
L 1W 24+00S	203	238	< 5	1.46	0.6	5	370	< 0.5	2	0.22	< 0.5	7	42	9	1.90	< 10	< 1	0.16	20	0.35	188
L 1W 24+50S	203	238	< 5	1.57	0.4	5	560	< 0.5	4	0.26	< 0.5	6	39	12	1.87	< 10	< 1	0.20	20	0.34	219
L 1W 00+00S	203	238	< 5	1.35	< 0.2	< 5	220	< 0.5	< 2	0.20	< 0.5	9	64	11	2.14	< 10	< 1	0.15	20	0.52	261
L 1W 00+50S	203	238	< 5	1.11	< 0.2	< 5	310	< 0.5	< 2	0.21	< 0.5	7	56	14	1.75	< 10	< 1	0.22	20	0.44	221
L 1W 01+00S	203	238	< 5	2.37	0.2	15	460	< 0.5	< 2	0.18	< 0.5	11	181	18	3.19	< 10	< 1	0.11	20	1.04	338
L 1W 01+50S	203	238	< 5	1.53	< 0.2	5	250	< 0.5	< 2	0.14	< 0.5	6	59	8	2.21	< 10	< 1	0.19	20	0.63	191
L 1W 02+00S	203	238	< 5	2.58	0.2	5	530	< 0.5	< 2	0.17	< 0.5	11	63	17	3.14	< 10	< 1	0.10	20	0.62	280
L 1W 02+50S	203	238	< 5	2.35	< 0.2	15	560	< 0.5	< 2	0.18	< 0.5	10	40	12	2.71	< 10	3	0.08	20	0.50	235
L 1W 03+00S	203	238	< 5	2.46	< 0.2	5	530	< 0.5	< 2	0.17	< 0.5	10	47	12	2.99	< 10	1	0.11	20	0.52	239
L 1W 03+50S	203	238	< 5	1.33	< 0.2	15	420	< 0.5	< 2	0.19	< 0.5	6	36	8	1.48	< 10	< 1	0.15	20	0.34	112
L 1W 04+00S	203	238	5	1.69	0.2	5	310	< 0.5	< 2	0.22	< 0.5	7	48	14	1.95	< 10	< 1	0.18	30	0.57	163
L 1W 04+50S	203	238	5	1.84	< 0.2	10	280	< 0.5	2	0.33	< 0.5	9	51	16	2.36	< 10	< 1	0.14	30	0.56	268
L 1W 05+00S	203	238	< 5	2.00	< 0.2	10	390	< 0.5	< 2	0.37	< 0.5	9	55	31	2.75	< 10	< 1	0.18	20	0.69	294
L 1W 05+50S	203	238	< 5	1.65	< 0.2	10	310	< 0.5	< 2	0.25	< 0.5	8	43	35	2.27	< 10	< 1	0.13	30	0.67	264
L 1W 06+00S	203	238	< 5	1.82	< 0.2	< 5	420	< 0.5	< 2	0.25	< 0.5	8	45	23	2.47	< 10	< 1	0.17	30	0.58	245
L 1W 06+50S	203	238	< 5	1.78	< 0.2	5	290	< 0.5	< 2	0.21	< 0.5	8	39	19	2.21	< 10	3	0.18	30	0.59	247
L 1W 07+00S	203	238	< 5	1.36	< 0.2	< 5	290	< 0.5	< 2	0.24	< 0.5	7	43	12	1.68	< 10	< 1	0.23	30	0.49	197
L 1W 07+50S	203	238	< 5	1.91	< 0.2	15	340	< 0.5	< 2	0.19	< 0.5	7	43	17	2.31	< 10	1	0.20	30	0.52	208
L 1W 08+00S	203	238	< 5	1.43	< 0.2	15	280	< 0.5	< 2	0.12	< 0.5	6	41	11	1.71	< 10	< 1	0.20	30	0.38	141
L 1W 08+50S	203	238	< 5	1.45	< 0.2	15	260	< 0.5	2	0.12	< 0.5	7	55	13	1.80	< 10	< 1	0.17	30	0.38	166
L 1W 09+00S	203	238	10	1.50	0.8	20	380	< 0.5	< 2	0.14	1.0	8	46	15	2.62	< 10	< 1	0.22	20	0.37	400
L 1W 09+50S	203	238	< 5	1.49	< 0.2	15	250	< 0.5	< 2	0.12	< 0.5	7	35	21	2.11	< 10	< 1	0.24	30	0.61	232
L 1W 10+00S	203	238	< 5	1.03	0.2	15	210	< 0.5	< 2	0.09	< 0.5	< 1	52	17	1.21	< 10	< 1	0.15	30	0.15	216
L 1W 10+50S	203	238	< 5	1.55	0.2	5	280	< 0.5	< 2	0.10	< 0.5	8	38	8	1.78	< 10	< 1	0.15	20	0.29	123
L 1W 11+00S	203	238	< 5	1.13	0.2	25	180	< 0.5	< 2	0.11	< 0.5	3	12	5	1.57	< 10	< 1	0.10	20	0.21	114
L 1W 11+50S	203	238	< 5	1.72	0.4	< 5	290	< 0.5	< 2	0.18	< 0.5	8	40	4	1.53	< 10	< 1	0.16	20	0.26	129
L 1W 12+00S	203	238	< 5	1.55	0.2	< 5	490	< 0.5	< 2	0.14	< 0.5	8	40	5	1.72	< 10	< 1	0.15	20	0.27	132
L 1W 12+50S	203	238	< 5	2.09	1.0	10	480	0.5	< 2	0.31	< 0.5	14	56	34	2.87	< 10	< 1	0.19	30	0.56	408
L 1W 13+00S	203	238	< 5	1.82	0.4	5	420	0.5	< 2	0.26	< 0.5	14	48	18	2.58	< 10	< 1	0.12	30	0.50	426
L 1W 13+50S	203	238	< 5	1.67	0.2	15	550	0.5	< 2	0.42	< 0.5	12	57	18	2.27	< 10	< 1	0.23	30	0.61	333
L 1W 14+00S	203	238	< 5	2.53	0.6	25	470	< 0.5	2	0.35	0.5	15	47	48	4.10	< 10	< 1	0.22	30	1.87	658
L 1W 14+50S	203	238	< 5	2.03	0.8	20	560	1.0	< 2	0.58	< 0.5	14	55	29	2.95	< 10	< 1	0.20	30	0.77	385
L 1W 15+00S	203	238	< 5	2.21	0.4	35	460	0.5	< 2	0.48	< 0.5	15	53	33	3.25	< 10	< 1	0.19	20	1.17	745
L 1W 15+50S	203	238	< 5	1.66	0.4	< 5	590	0.5	< 2	0.61	< 0.5	14	41	11	2.46	< 10	< 1	0.39	30	0.66	465
L 1W 16+00S	203	238	< 5	1.69	0.6	< 5	590	0.5	< 2	0.51	< 0.5	14	43	10	2.40	< 10	< 1	0.32	20	0.42	742
L 1W 16+50S	203	238	< 5	1.78	0.2	< 5	460	0.5	< 2	0.39	< 0.5	14	47	17	2.63	< 10	3	0.26	20	0.59	494
L 1W 17+00S	203	238	< 5	1.31	0.2	20	400	0.5	< 2	0.41	< 0.5	12	43	16	2.19	< 10	< 1	0.17	30	0.52	298

CERTIFICATION :

*John Buchler*



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Page No. A-B  
Tot. Pages  
Date: 09-JUL-87  
Invoice #: I-8717052  
P.O. #: ACR-DEZ

## CERTIFICATE OF ANALYSIS A8717052

SAMPLE DESCRIPTION	PREP CODE	Mg ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L 14W 23400S	203 238	< 1	< 0.01	6	80	10	< 5	< 10	20	0.03	< 10	< 10	20	< 5	33
L 14W 23450S	203 238	< 1	0.01	12	300	12	< 5	< 10	30	0.09	< 10	< 10	46	< 5	50
L 14W 23400S	203 238	< 1	0.01	12	220	12	< 5	< 10	24	0.07	< 10	< 10	45	< 5	46
L 14W 24400S	203 238	< 1	0.01	10	140	10	< 5	< 10	22	0.07	< 10	< 10	38	< 5	36
L 14W 24450S	203 238	< 1	0.01	9	250	10	< 5	< 10	26	0.07	< 10	< 10	40	< 5	42
L 16W 00400S	203 238	< 1	< 0.01	8	260	12	< 5	< 10	25	0.09	< 10	< 10	30	< 5	58
L 16W 00450S	203 238	< 1	< 0.01	7	440	8	< 5	< 10	17	0.09	< 10	< 10	22	< 5	50
L 16W 01400S	203 238	< 1	0.01	17	240	10	< 5	< 10	20	0.09	< 10	< 10	60	< 5	60
L 16W 01450S	203 238	< 1	< 0.01	6	230	16	< 5	< 10	16	0.05	< 10	< 10	31	< 5	63
L 16W 02400S	203 238	< 1	0.01	19	150	10	< 5	< 10	22	0.09	< 10	< 10	60	< 5	61
L 16W 03400S	203 238	< 1	0.01	17	110	14	< 5	< 10	21	0.09	< 10	< 10	59	< 5	47
L 16W 03450S	203 238	< 1	0.01	16	170	22	< 5	< 10	20	0.10	< 10	< 10	68	< 5	49
L 16W 03400S	203 238	< 1	< 0.01	8	140	22	< 5	< 10	21	0.06	< 10	< 10	33	< 5	33
L 16W 04400S	203 238	< 1	0.01	10	190	22	< 5	< 10	22	0.08	< 10	< 10	35	< 5	52
L 16W 04450S	203 238	< 1	0.01	13	280	34	< 5	< 10	30	0.09	< 10	< 10	41	< 5	86
L 16W 05400S	203 238	< 1	0.01	17	430	22	< 5	< 10	34	0.09	< 10	< 10	49	< 5	91
L 16W 05450S	203 238	< 1	< 0.01	11	220	16	< 5	< 10	24	0.08	< 10	< 10	33	< 5	70
L 16W 06400S	203 238	< 1	0.01	13	270	18	< 5	< 10	27	0.11	< 10	< 10	42	< 5	57
L 16W 06450S	203 238	< 1	< 0.01	10	180	12	< 5	< 10	26	0.10	< 10	< 10	35	< 5	55
L 16W 07400S	203 238	< 1	< 0.01	7	190	12	< 5	< 10	29	0.08	< 10	< 10	25	< 5	46
L 16W 07450S	203 238	< 1	0.01	12	140	22	< 5	< 10	22	0.08	< 10	< 10	39	< 5	56
L 16W 08400S	203 238	< 1	< 0.01	8	130	26	< 5	< 10	14	0.05	< 10	< 10	29	< 5	42
L 16W 08450S	203 238	< 1	< 0.01	22	100	16	< 5	< 10	14	0.05	< 10	< 10	30	< 5	43
L 16W 09400S	203 238	< 1	0.01	9	520	26	< 5	< 10	20	0.06	< 10	< 10	56	< 5	68
L 16W 09450S	203 238	< 1	< 0.01	9	210	48	< 5	< 10	14	0.06	< 10	< 10	25	< 5	93
L 16W 10400S	203 238	< 1	< 0.01	5	210	34	< 5	< 10	11	0.03	< 10	< 10	26	< 5	48
L 16W 10450S	203 238	< 1	< 0.01	7	100	28	< 5	< 10	12	0.06	< 10	< 10	37	< 5	39
L 16W 11400S	203 238	< 1	< 0.01	3	80	40	< 5	< 10	10	0.05	< 10	< 10	28	< 5	35
L 16W 11450S	203 238	< 1	0.01	3	120	16	< 5	< 10	24	0.09	< 10	< 10	37	< 5	41
L 16W 12400S	203 238	< 1	0.01	8	130	14	< 5	< 10	15	0.04	< 10	< 10	33	< 5	49
L 16W 12450S	203 238	< 1	0.01	17	310	136	< 5	< 10	32	0.11	< 10	< 10	60	< 5	118
L 16W 13400S	203 238	< 1	0.01	20	170	8	< 5	< 10	26	0.10	< 10	< 10	55	< 5	52
L 16W 13450S	203 238	< 1	0.02	16	230	28	< 5	< 10	37	0.12	< 10	< 10	43	< 5	63
L 16W 14400S	203 238	< 1	0.01	20	500	40	< 5	< 10	32	0.03	< 10	< 10	46	< 5	560
L 16W 14450S	203 238	< 1	0.02	27	400	48	< 5	< 10	41	0.09	< 10	< 10	58	< 5	131
L 16W 15400S	203 238	< 1	0.01	20	360	22	< 5	< 10	33	0.06	< 10	< 10	57	< 5	255
L 16W 15450S	203 238	< 1	0.01	12	610	14	< 5	< 10	46	0.09	< 10	< 10	35	< 5	80
L 16W 16400S	203 238	< 1	0.01	13	220	16	< 5	< 10	42	0.13	< 10	< 10	51	< 5	44
L 16W 16450S	203 238	< 1	0.01	21	220	10	< 5	< 10	30	0.12	< 10	< 10	53	< 5	57
L 16W 17400S	203 238	< 1	0.01	14	660	26	< 5	< 10	32	0.07	< 10	< 10	39	< 5	75

CERTIFICATION :

*Hart/Bichler*



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Date

9-JUL-87

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P.O. # ACR-DEZ

## CERTIFICATE OF ANALYSIS A8717052

SAMPLE DESCRIPTION	PREP CODE	As ppb RUSH	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
L 10W 17+50S	203 238	< 5	1.39	< 0.2	< 5	380	0.5	< 2	0.57	< 0.5	14	38	22	2.52	< 10	< 1	0.16	20	0.56	410
L 10W 18+00S	203 238	10	1.76	< 0.2	10	470	1.0	< 2	0.47	< 0.5	14	47	25	2.68	< 10	1	0.15	20	0.51	488
L 10W 18+50S	203 238	30	1.11	< 0.2	< 5	310	0.5	< 2	0.41	< 0.5	11	62	11	1.90	< 10	< 1	0.11	20	0.41	256
L 10W 19+00S	203 238	< 5	1.32	< 0.2	< 5	380	0.5	< 2	0.46	< 0.5	13	58	11	2.00	< 10	< 1	0.13	30	0.45	484
L 10W 19+50S	203 238	5	1.65	< 0.2	< 5	540	0.5	< 2	0.58	< 0.5	14	54	29	2.67	< 10	< 1	0.15	30	0.56	519
L 10W 20+00S	203 238	10	1.36	< 0.2	< 5	370	0.5	< 2	0.44	< 0.5	14	57	14	2.20	< 10	< 1	0.14	30	0.45	667
L 10W 20+50S	203 238	5	1.66	< 0.2	< 5	480	0.5	< 2	0.53	< 0.5	13	59	19	2.38	< 10	1	0.16	30	0.49	323
L 10W 21+00S	203 238	< 5	1.42	0.2	< 5	390	0.5	< 2	0.42	< 0.5	13	50	14	2.09	< 10	< 1	0.16	20	0.48	359
L 10W 21+50S	203 238	< 5	1.81	0.2	< 5	540	0.5	2	0.45	< 0.5	13	59	19	2.32	< 10	< 1	0.18	30	0.48	309
L 10W 22+00S	203 238	30	1.79	0.2	< 5	700	1.0	< 2	0.42	< 0.5	12	58	13	2.20	< 10	< 1	0.19	30	0.44	446
L 10W 23+50S	203 238	< 5	1.64	0.2	10	490	0.5	< 2	0.38	< 0.5	12	57	19	2.22	< 10	1	0.20	30	0.50	337
L 10W 00+00S	203 238	< 5	1.44	< 0.2	< 5	400	0.5	< 2	0.25	< 0.5	9	52	18	2.62	< 10	1	0.24	30	0.32	176
L 10W 00+50S	203 238	< 5	1.38	< 0.2	5	360	0.5	2	0.12	< 0.5	7	78	13	1.78	< 10	< 1	0.21	30	0.73	200
L 10W 01+00S	203 238	< 5	1.48	< 0.2	< 5	450	0.5	< 2	0.18	< 0.5	10	49	20	1.88	< 10	< 1	0.15	20	0.34	186
L 10W 01+50S	203 238	< 5	1.89	< 0.2	15	310	< 0.5	< 2	0.18	< 0.5	12	51	12	2.84	< 10	< 1	0.12	10	0.42	174
L 10W 02+00S	203 238	< 5	2.21	< 0.2	10	380	0.5	< 2	0.15	< 0.5	13	51	13	3.04	< 10	< 1	0.11	20	0.42	220
L 10W 02+50S	203 238	< 5	1.22	< 0.2	< 5	330	0.5	< 2	0.10	< 0.5	< 1	41	5	1.52	< 10	< 1	0.22	30	0.20	91
L 10W 03+00S	203 238	< 5	1.61	< 0.4	< 5	450	< 0.5	2	0.08	< 0.5	8	46	17	2.13	< 10	< 1	0.20	20	0.30	125
L 10W 03+50S	203 238	< 5	2.27	< 0.2	< 5	380	0.5	< 2	0.12	< 0.5	11	52	10	2.41	< 10	< 1	0.11	20	0.38	190
L 10W 04+00S	203 238	< 5	2.23	0.2	10	330	0.5	< 2	0.12	< 0.5	12	61	11	2.33	< 10	1	0.11	10	0.60	190
L 10W 04+50S	203 238	< 5	1.49	< 0.2	< 5	230	0.5	< 2	0.11	< 0.5	9	49	11	1.81	< 10	< 1	0.08	10	0.48	142
L 10W 05+00S	203 238	< 5	1.69	< 0.2	< 5	270	0.5	< 2	0.19	0.5	10	61	10	2.11	< 10	3	0.14	20	0.55	197
L 10W 05+50S	203 238	10	1.68	0.2	< 5	370	0.5	2	0.21	< 0.5	9	52	11	1.83	< 10	< 1	0.22	30	0.63	179
L 10W 06+00S	203 238	55	1.30	0.2	< 5	340	0.5	< 2	0.16	< 0.5	9	40	11	1.63	< 10	< 1	0.14	30	0.42	210
L 10W 06+50S	203 238	10	1.35	0.2	5	370	< 0.5	< 2	0.16	< 0.5	8	45	23	1.76	< 10	< 1	0.20	30	0.42	194
L 10W 07+00S	203 238	< 5	1.35	0.4	5	470	< 0.5	< 2	0.23	0.5	9	44	24	1.76	< 10	< 1	0.17	30	0.44	259
L 10W 07+50S	203 238	< 5	1.90	0.2	5	560	0.5	< 2	0.32	1.0	9	49	20	2.05	< 10	< 1	0.19	20	0.52	262
L 10W 08+00S	203 238	< 5	1.26	0.4	< 5	380	0.5	< 2	0.21	0.5	9	46	15	1.59	< 10	< 1	0.19	30	0.36	201
L 10W 08+50S	203 238	< 5	1.57	0.4	5	530	0.5	< 2	0.56	0.5	10	41	22	1.75	< 10	< 1	0.21	30	0.47	409
L 10W 09+00S	203 238	170	1.49	< 0.2	10	440	0.5	< 2	0.28	< 0.5	11	55	18	1.88	< 10	< 1	0.17	20	0.44	377
L 10W 09+50S	203 238	< 5	1.43	< 1.0	10	520	< 0.5	2	0.41	< 0.5	9	39	28	1.52	< 10	< 1	0.18	20	0.30	125
L 10W 10+00S	203 238	< 5	1.09	< 0.2	< 5	220	< 0.5	< 2	0.14	< 0.5	7	47	18	1.46	< 10	< 1	0.18	30	0.32	147
L 10W 10+50S	203 238	< 5	1.33	0.4	25	260	0.5	< 2	0.13	< 0.5	9	44	15	1.81	< 10	< 1	0.16	30	0.40	164
L 10W 11+00S	203 238	100	1.39	0.2	5	230	0.5	< 2	0.12	< 0.5	9	53	12	1.90	< 10	< 1	0.12	20	0.32	176
L 10W 11+50S	203 238	< 5	1.56	< 0.2	< 5	310	< 0.5	4	0.30	0.5	6	46	15	2.06	< 10	< 1	0.19	20	0.46	203
L 10W 12+00S	203 238	10	1.23	0.2	< 5	430	< 0.5	< 2	0.31	0.5	6	44	12	1.68	< 10	< 1	0.27	20	0.36	342
L 10W 12+50S	203 238	< 5	0.96	0.4	< 5	360	< 0.5	< 2	0.30	0.5	2	46	1	0.88	< 10	< 1	0.17	30	0.19	160
L 10W 13+00S	203 238	< 5	1.35	0.6	5	430	< 0.5	2	0.50	0.5	5	42	11	1.48	< 10	< 1	0.19	20	0.37	314
L 10W 13+50S	203 238	< 5	1.80	< 0.2	< 5	280	< 0.5	2	0.15	< 0.5	8	57	13	2.42	< 10	3	0.22	20	0.64	276
L 10W 14+00S	203 238	< 5	1.87	0.2	< 5	310	< 0.5	2	0.40	1.0	8	58	13	2.28	< 10	< 1	0.21	20	0.67	238

CERTIFICATION :

*Hart Buchler*



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

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To: MARK MANAGEMENT LIMITED

1900 - 999 W. HASTINGS ST.  
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Project: DAWSON

Comments: CC: PERRY GRUNENBERG

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Date 9-JUL-87

Invoice #: I-8717052

P.O. #: ACR-DEZ

## CERTIFICATE OF ANALYSIS A8717052

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sr ppm	Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
L 10W 17+50S	203 238	< 1	0.02	19	650	10	< 5	10	37	0.08	< 10	< 10	54	< 5	72
L 10W 18+00S	203 238	< 1	0.02	19	450	14	< 5	< 10	34	0.09	< 10	< 10	64	< 5	68
L 10W 18+50S	203 238	< 1	0.02	11	510	2	< 5	< 10	31	0.07	< 10	< 10	39	< 5	45
L 10W 19+00S	203 238	< 1	0.02	12	510	6	< 5	< 10	37	0.09	< 10	< 10	43	< 5	49
L 10W 19+50S	203 238	< 1	0.03	25	600	18	< 5	< 10	44	0.09	< 10	< 10	56	< 5	65
L 10W 20+00S	203 238	< 1	0.03	14	520	10	< 5	< 10	36	0.09	< 10	< 10	48	< 5	48
L 10W 20+50S	203 238	< 1	0.03	17	510	2	< 5	< 10	41	0.10	< 10	< 10	55	< 5	54
L 10W 21+00S	203 238	< 1	0.03	14	420	10	< 5	< 10	37	0.08	< 10	< 10	45	< 5	49
L 10W 21+50S	203 238	< 1	0.02	17	420	6	< 5	< 10	41	0.10	< 10	< 10	51	< 5	49
L 10W 22+00S	203 238	< 1	0.02	14	330	14	< 5	< 10	42	0.08	< 10	< 10	47	< 5	46
L 10W 22+50S	203 238	< 1	0.02	15	350	10	< 5	< 10	34	0.08	< 10	< 10	44	< 5	46
L 10W 00+00S	203 238	< 1	0.01	7	420	100	< 5	< 10	31	0.05	< 10	< 10	42	< 5	89
L 10W 00+50S	203 238	< 1	0.01	7	260	38	< 5	< 10	21	0.05	< 10	< 10	24	< 5	69
L 10W 01+00S	203 238	< 1	0.01	11	310	104	< 5	< 10	19	0.06	< 10	< 10	40	< 5	84
L 10W 01+50S	203 238	< 1	0.01	13	230	34	< 5	< 10	20	0.09	< 10	< 10	70	< 5	54
L 10W 02+00S	203 238	< 1	0.01	12	240	30	< 5	< 10	18	0.09	< 10	< 10	65	< 5	58
L 10W 02+50S	203 238	< 1	< 0.01	3	160	38	< 5	< 10	17	0.03	< 10	< 10	23	< 5	29
L 10W 03+00S	203 238	< 1	0.01	6	200	94	< 5	< 10	15	0.05	< 10	< 10	35	< 5	50
L 10W 03+50S	203 238	< 1	0.01	12	150	36	< 5	< 10	14	0.07	< 10	< 10	53	< 5	71
L 10W 04+00S	203 238	< 1	0.01	14	120	30	< 5	< 10	16	0.06	< 10	< 10	47	< 5	62
L 10W 04+50S	203 238	< 1	0.01	12	90	16	< 5	< 10	14	0.06	< 10	< 10	36	< 5	45
L 10W 05+00S	203 238	< 1	0.01	10	160	38	< 5	< 10	22	0.08	< 10	< 10	40	< 5	77
L 10W 05+50S	203 238	< 1	0.01	10	170	54	< 5	< 10	26	0.07	< 10	< 10	28	< 5	93
L 10W 06+00S	203 238	< 1	< 0.01	8	210	38	< 5	< 10	19	0.05	< 10	< 10	27	< 5	63
L 10W 06+50S	203 238	< 1	0.01	7	250	32	< 5	< 10	18	0.05	< 10	< 10	25	< 5	80
L 10W 07+00S	203 238	< 1	0.01	8	340	48	< 5	< 10	25	0.05	< 10	< 10	23	< 5	107
L 10W 07+50S	203 238	< 1	0.01	12	370	30	< 5	< 10	31	0.07	< 10	< 10	39	< 5	102
L 10W 08+00S	203 238	< 1	0.01	8	330	22	< 5	< 10	20	0.06	< 10	< 10	27	< 5	61
L 10W 08+50S	203 238	< 1	0.01	10	520	14	< 5	< 10	46	0.06	< 10	< 10	29	< 5	66
L 10W 09+00S	203 238	< 1	0.01	11	320	20	< 5	< 10	27	0.08	< 10	< 10	37	< 5	53
L 10W 09+50S	203 238	< 1	0.02	14	580	30	< 5	< 10	43	0.04	< 10	< 10	30	< 5	72
L 10W 10+00S	203 238	< 1	0.01	10	200	30	< 5	< 10	14	0.05	< 10	< 10	24	< 5	57
L 10W 10+50S	203 238	< 1	0.01	9	130	26	< 5	< 10	15	0.06	< 10	< 10	31	< 5	58
L 10W 11+00S	203 238	< 1	0.01	11	150	26	< 5	< 10	15	0.06	< 10	< 10	37	< 5	50
L 10W 11+50S	203 238	< 1	0.01	9	340	34	< 5	< 10	26	0.10	< 10	< 10	38	< 5	55
L 10W 12+00S	203 238	< 1	0.01	11	610	36	< 5	< 10	25	0.07	< 10	< 10	31	< 5	44
L 10W 12+50S	203 238	< 1	0.01	8	160	54	< 5	< 10	29	0.08	< 10	< 10	21	< 5	42
L 10W 13+00S	203 238	< 1	< 0.01	8	400	72	< 5	< 10	39	0.15	< 10	< 10	28	< 5	56
L 10W 13+50S	203 238	< 1	0.01	12	130	32	< 5	< 10	16	0.11	< 10	< 10	40	< 5	61
L 10W 14+00S	203 238	< 1	0.01	12	130	28	< 5	< 10	31	0.11	< 10	< 10	33	< 5	65

CERTIFICATION:

*Hart Becker*



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers  
 212 BROOKSBANK AVE., NORTH VANCOUVER,  
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To: MARK MANAGEMENT LIMITED

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Project: IAWSON  
 Comments: CC: PERRY GRUNENBERG

Page No. 7-A  
 Tot. Pa. )  
 Date: 09-JUL-87  
 Invoice #: I-8717052  
 P.O. #: ACR-DEZ

## CERTIFICATE OF ANALYSIS A8717052

SAMPLE DESCRIPTION	PREP CODE		Au	Al	Ag	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
			ppb RUSH	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
L 18W 14+50S	203	238	70	1.79	< 0.2	< 5	440	< 0.5	< 2	0.36	< 0.5	8	49	12	2.22	< 10	< 1	0.18	20	0.49	249
L 18W 15+50S	203	238	5	1.70	< 0.2	5	360	< 0.5	< 2	0.29	< 0.5	11	43	18	2.46	< 10	< 1	0.10	20	0.47	362
L 18W 15+50S	203	238	280	1.29	< 0.2	25	420	< 0.5	< 2	0.34	0.5	10	32	11	2.10	< 10	< 1	0.27	20	0.48	539
L 18W 16+50S	203	238	15	1.62	< 0.2	30	340	< 0.5	< 2	0.28	< 0.5	11	43	18	2.85	< 10	1	0.26	30	1.00	398
L 18W 16+50S	203	238	5	1.97	< 0.2	< 5	440	< 0.5	< 2	0.44	0.5	12	46	17	2.80	< 10	< 1	0.20	20	0.83	381
L 18W 17+50S	203	238	< 5	1.79	< 0.2	< 5	700	< 0.5	< 2	0.26	0.5	11	37	20	2.04	< 10	< 1	0.26	30	0.47	1015
L 18W 17+50S	203	238	< 5	2.69	< 0.2	< 5	470	< 0.5	< 2	0.69	1.5	17	40	16	3.30	< 10	< 1	0.18	20	0.88	736
L 18W 18+50S	203	238	< 5	1.14	< 0.2	< 5	350	< 0.5	< 2	0.18	0.5	6	27	8	1.47	< 10	< 1	0.32	30	0.46	227
L 18W 18+50S	203	238	< 5	0.97	< 0.2	35	450	< 0.5	< 2	0.19	< 0.5	4	25	6	1.13	< 10	< 1	0.29	30	0.31	222
L 18W 19+50S	203	238	15	1.07	< 0.2	< 5	390	< 0.5	< 2	0.45	0.5	8	39	21	1.80	< 10	3	0.21	30	0.53	361
L 18W 19+50S	203	238	80	1.18	< 0.2	< 5	460	< 0.5	< 2	0.34	0.5	7	36	21	1.81	< 10	2	0.17	30	0.39	235
L 18W 20+50S	203	238	< 5	1.03	< 0.2	< 5	260	< 0.5	< 2	0.30	< 0.5	6	40	11	1.72	< 10	< 1	0.09	20	0.39	213
L 18W 20+50S	203	238	10	1.37	< 0.2	< 5	360	< 0.5	< 2	0.37	< 0.5	8	48	19	2.13	< 10	< 1	0.10	20	0.47	286
L 18W 21+50S	203	238	< 5	1.35	< 0.2	< 5	390	< 0.5	< 2	0.44	< 0.5	8	42	18	2.02	< 10	2	0.14	20	0.42	313
L 18W 21+50S	203	238	< 5	1.95	< 0.2	< 5	560	< 0.5	< 2	0.49	1.0	9	46	24	2.72	< 10	< 1	0.24	30	0.60	299
L 18W 22+50S	203	238	< 5	1.69	< 0.2	< 5	420	< 0.5	< 2	0.40	0.5	8	47	16	2.33	< 10	2	0.17	20	0.50	299
L 20W 00+50S	203	238	20	1.44	< 0.2	< 5	260	< 0.5	< 2	0.12	0.5	6	39	19	1.88	< 10	< 1	0.22	30	0.71	242
L 20W 00+50S	203	238	< 5	1.13	< 0.2	< 5	400	< 0.5	< 2	0.12	0.5	5	43	18	1.72	< 10	< 1	0.22	20	0.67	225
L 20W 01+50S	203	238	< 5	1.79	< 0.2	< 5	230	< 0.5	< 2	0.11	0.5	9	40	18	2.49	< 10	3	0.19	20	1.02	396
L 20W 02+50S	203	238	< 5	2.43	< 0.2	< 5	370	< 0.5	< 2	0.31	1.5	13	185	24	3.12	< 10	< 1	0.14	20	1.28	527
L 20W 02+50S	203	238	< 5	2.72	< 0.2	< 5	410	< 0.5	< 2	0.15	1.0	12	212	20	3.39	< 10	< 1	0.17	30	1.32	381
L 20W 03+50S	203	238	< 5	1.62	0.2	5	350	< 0.5	< 2	0.13	0.5	10	90	13	2.24	< 10	2	0.22	10	0.58	467
L 20W 03+50S	203	238	< 5	1.70	< 0.2	15	340	< 0.5	< 2	0.15	< 0.5	7	52	14	2.36	< 10	1	0.17	20	0.51	220
L 20W 04+50S	203	238	< 5	1.30	< 0.2	10	510	0.5	< 2	0.23	0.5	6	39	26	2.04	< 10	< 1	0.22	20	0.44	355
L 20W 04+50S	203	238	< 5	1.56	< 0.2	< 5	420	< 0.5	< 2	0.24	0.5	8	50	16	2.28	< 10	< 1	0.17	20	0.58	235
L 20W 05+50S	203	238	< 5	1.25	< 0.2	< 5	320	< 0.5	< 2	0.20	0.5	6	46	15	1.90	< 10	< 1	0.15	20	0.48	358
L 20W 05+50S	203	238	< 5	1.13	< 0.2	< 5	260	< 0.5	< 2	0.16	< 0.5	5	41	9	1.59	< 10	< 1	0.13	20	0.40	150
L 20W 06+50S	203	238	< 5	1.45	< 0.2	10	350	< 0.5	< 2	0.23	< 0.5	7	53	14	1.99	< 10	4	0.13	20	0.45	241
L 20W 06+50S	203	238	< 5	1.48	< 0.2	< 5	380	< 0.5	< 2	0.21	0.5	7	46	16	1.91	< 10	3	0.18	30	0.46	192
L 20W 07+50S	203	238	< 5	1.28	< 0.2	30	290	< 0.5	< 2	0.20	< 0.5	6	51	11	1.81	< 10	< 1	0.16	20	0.41	204
L 20W 07+50S	203	238	95	1.30	< 0.2	< 5	280	< 0.5	< 2	0.19	1.0	6	39	11	1.69	< 10	< 1	0.13	20	0.40	173
L 20W 08+50S	203	238	< 5	1.28	< 0.2	< 5	290	< 0.5	< 2	0.26	< 0.5	6	36	12	1.69	< 10	< 1	0.12	20	0.46	206
L 20W 08+50S	203	238	< 5	1.55	< 0.2	< 5	480	< 0.5	< 2	0.24	1.0	7	43	20	1.89	< 10	2	0.15	30	0.37	255
L 20W 09+50S	203	238	< 5	1.46	< 0.2	< 5	370	< 0.5	< 2	0.27	0.5	4	45	16	1.64	< 10	< 1	0.16	30	0.43	147
L 20W 09+50S	203	238	< 5	1.59	< 0.2	< 5	410	< 0.5	< 2	0.28	1.0	6	41	21	1.82	< 10	< 1	0.16	30	0.38	168
L 20W 10+50S	203	238	< 5	1.35	< 0.2	< 5	400	< 0.5	< 2	0.29	1.0	5	43	20	1.57	< 10	< 1	0.19	20	0.36	172
L 20W 10+50S	203	238	< 5	1.13	< 0.2	20	230	< 0.5	< 2	0.20	< 0.5	5	33	11	1.69	< 10	2	0.12	20	0.34	182
L 20W 11+50S	203	238	< 5	1.28	< 0.2	15	200	< 0.5	< 2	0.18	< 0.5	5	43	15	1.74	< 10	< 1	0.11	20	0.35	150
L 20W 11+50S	203	238	< 5	0.82	< 0.2	10	190	< 0.5	< 2	0.14	< 0.5	3	32	13	1.08	< 10	< 1	0.13	20	0.21	102
L 20W 12+50S	203	238	< 5	1.06	< 0.2	25	210	< 0.5	< 2	0.17	< 0.5	5	35	10	1.47	< 10	< 1	0.13	20	0.29	136

CERTIFICATION :

*Hart Buchler*



# 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

1900 - 999 W. HASTINGS ST.  
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V6C 2W2

Project: DAWSON

Comments: CC: PERRY GRUNENBERG

Page No. 7-B  
Tot. Pages 7  
Date 1989-JUL-87  
Invoice #: I-8717052  
P.O. #: AOR-DEZ

## CERTIFICATE OF ANALYSIS A8717052

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L 18W 14+50S	203 238	< 1	0.01	13	120	12	< 5	< 10	31	0.10	< 10	< 10	46	< 5	46
L 18W 15+00S	203 238	< 1	0.01	19	160	16	< 5	< 10	24	0.09	< 10	< 10	52	< 5	46
L 18W 15+50S	203 238	< 1	< 0.01	13	280	26	< 5	< 10	25	0.06	< 10	< 10	33	< 5	47
L 18W 16+00S	203 238	< 1	0.01	15	540	28	< 5	< 10	15	0.06	10	< 10	28	< 5	71
L 18W 16+50S	203 238	< 1	0.02	17	300	14	< 5	10	31	0.12	10	< 10	50	< 5	59
L 18W 17+00S	203 238	< 1	0.01	9	180	4	< 5	< 10	22	0.06	< 10	< 10	33	< 5	42
L 18W 17+50S	203 238	< 1	0.06	18	230	4	< 5	< 10	45	0.18	10	< 10	71	< 5	49
L 18W 18+00S	203 238	< 1	< 0.01	8	220	20	< 5	< 10	15	0.03	10	< 10	17	< 5	39
L 18W 18+50S	203 238	< 1	< 0.01	3	220	16	< 5	< 10	19	0.02	10	< 10	18	< 5	28
L 18W 19+00S	203 238	< 1	0.01	14	560	28	< 5	< 10	32	0.06	< 10	< 10	26	< 5	81
L 18W 19+50S	203 238	< 1	0.01	14	530	60	< 5	< 10	27	0.05	< 10	< 10	31	< 5	68
L 18W 20+00S	203 238	< 1	0.01	8	470	< 2	< 5	< 10	22	0.07	< 10	< 10	32	< 5	47
L 18W 20+50S	203 238	< 1	0.01	21	470	8	< 5	< 10	28	0.08	< 10	< 10	42	< 5	52
L 18W 21+00S	203 238	< 1	0.02	14	500	8	< 5	< 10	33	0.08	10	< 10	42	< 5	47
L 18W 21+50S	203 238	< 1	0.02	16	520	36	< 5	< 10	38	0.10	10	< 10	51	< 5	68
L 18W 22+00S	203 238	< 1	0.02	13	470	16	< 5	< 10	31	0.09	< 10	< 10	47	< 5	60
L 20W 00+00S	203 238	< 1	0.01	7	360	56	< 5	10	16	0.06	10	< 10	25	< 5	65
L 20W 00+50S	203 238	< 1	0.01	3	420	72	< 5	10	18	0.05	10	< 10	23	< 5	62
L 20W 01+00S	203 238	< 1	< 0.01	17	300	32	5	10	16	0.08	< 10	< 10	27	< 5	79
L 20W 02+00S	203 238	< 1	0.01	14	410	256	< 5	10	25	0.10	< 10	< 10	58	< 5	110
L 20W 03+50S	203 238	< 2	< 0.01	19	490	20	< 5	< 10	13	0.02	10	< 10	53	< 5	117
L 20W 03+00S	203 238	< 1	< 0.01	9	300	10	< 5	< 10	11	0.03	10	< 10	37	< 5	57
L 20W 03+50S	203 238	< 1	0.01	11	260	30	< 5	< 10	18	0.08	< 10	< 10	26	< 5	49
L 20W 04+00S	203 238	< 1	0.01	11	520	66	< 5	< 10	33	0.08	< 10	< 10	32	< 5	144
L 20W 04+50S	203 238	< 1	0.01	15	360	34	< 5	< 10	27	0.09	10	< 10	41	5	70
L 20W 05+00S	203 238	< 1	< 0.01	9	320	52	< 5	< 10	23	0.07	< 10	< 10	28	< 5	71
L 20W 05+50S	203 238	< 1	< 0.01	3	170	24	< 5	< 10	18	0.06	10	< 10	25	< 5	41
L 20W 06+00S	203 238	< 1	0.01	9	300	18	< 5	10	24	0.07	< 10	< 10	36	< 5	52
L 20W 06+50S	203 238	< 1	0.01	10	270	26	< 5	< 10	24	0.06	10	< 10	30	< 5	69
L 20W 07+00S	203 238	< 1	0.01	8	250	30	5	< 10	22	0.06	10	< 10	32	< 5	61
L 20W 07+50S	203 238	< 1	0.01	11	250	18	< 5	< 10	20	0.06	< 10	< 10	31	< 5	54
L 20W 08+00S	203 238	< 1	0.01	8	350	30	< 5	< 10	24	0.06	< 10	< 10	29	< 5	64
L 20W 08+50S	203 238	< 1	0.01	9	400	36	< 5	< 10	24	0.06	< 10	< 10	33	< 5	53
L 20W 09+00S	203 238	< 1	0.01	11	400	26	< 5	< 10	24	0.06	< 10	< 10	31	< 5	65
L 20W 09+50S	203 238	< 1	0.01	12	360	18	< 5	< 10	27	0.07	< 10	< 10	34	< 5	49
L 20W 10+00S	203 238	< 1	0.01	10	310	36	< 5	< 10	28	0.06	10	< 10	28	< 5	50
L 20W 10+50S	203 238	< 1	0.01	8	280	30	5	< 10	17	0.07	10	< 10	32	< 5	45
L 20W 11+00S	203 238	< 1	0.01	7	240	46	< 5	< 10	16	0.07	10	< 10	31	< 5	53
L 20W 11+50S	203 238	< 1	< 0.01	5	210	54	< 5	< 10	12	0.04	< 10	< 10	18	< 5	62
L 20W 12+00S	203 238	< 1	< 0.01	6	250	26	< 5	< 10	16	0.06	< 10	< 10	28	< 5	45

CERTIFICATION :

*Hart Bickler*



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Page No. 8-A

Tot. Pages

Date 09-JUL-87

Invoice #: 1-8717052

P.O. #: ACR-DEZ

## CERTIFICATE OF ANALYSIS A8717052

SAMPLE DESCRIPTION	PREP CODE	As ppb RUSH	Al %	Ag ppm	Au ppm	Ba ppm	Be ppm	Bi ppm	Cu %	Cd ppm	Co ppm	Cr ppm	Cs ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L 20W 12+50S	203 238	150	1.43	< 0.2	< 5	290	< 0.5	< 2	0.24	< 0.5	9	46	14	2.03	< 10	< 1	0.14	20	0.38	181
L 20W 13+50S	203 238	< 5	1.48	< 0.2	< 5	280	< 0.5	< 2	0.31	< 0.5	8	44	13	2.12	< 10	< 1	0.11	20	0.46	252
L 20W 13+50S	203 238	5	1.45	< 0.2	< 5	250	< 0.5	< 2	0.31	0.5	7	55	14	2.03	< 10	< 1	0.15	20	0.51	218
L 20W 14+50S	203 238	25	1.54	< 0.2	< 5	230	< 0.5	< 2	0.27	0.5	6	37	13	2.08	< 10	< 1	0.15	20	0.46	206
L 20W 14+50S	203 238	60	1.57	0.2	< 5	240	< 0.5	< 2	0.26	0.5	8	42	15	2.30	< 10	< 1	0.13	20	0.55	214
L 20W 15+50S	203 238	25	1.67	< 0.2	< 5	240	< 0.5	< 2	0.19	< 0.5	8	42	13	2.20	< 10	< 1	0.17	20	0.51	180
L 20W 15+50S	203 238	5	1.77	< 0.2	< 5	310	< 0.5	< 2	0.22	0.5	9	44	17	3.03	< 10	< 1	0.58	30	1.21	240
L 20W 16+50S	203 238	5	1.98	< 0.2	< 5	460	< 0.5	< 2	0.29	< 0.5	9	47	14	2.62	< 10	< 1	0.13	20	0.56	262
L 20W 16+50S	203 238	< 5	0.93	< 0.2	< 5	370	< 0.5	< 2	0.12	1.0	4	43	6	1.06	< 10	< 1	0.23	20	0.20	256
L 20W 17+50S	203 238	< 5	1.46	< 0.2	< 5	480	< 0.5	< 2	0.18	< 0.5	6	50	8	1.81	< 10	< 1	0.26	40	0.49	213
L 20W 17+50S	203 238	< 5	1.19	< 0.2	< 5	390	< 0.5	< 2	0.13	< 0.5	4	57	11	1.60	< 10	< 1	0.22	30	0.36	173
L 20W 18+50S	203 238	< 5	1.20	< 0.2	< 5	320	< 0.5	< 2	0.10	< 0.5	6	42	11	1.63	< 10	< 1	0.20	30	0.45	150
L 20W 18+50S	203 238	< 5	0.91	< 0.2	< 5	290	< 0.5	< 2	0.07	< 0.5	4	33	8	1.31	< 10	< 1	0.29	30	0.36	169
L 20W 19+50S	203 238	< 5	1.02	< 0.2	10	400	< 0.5	< 2	0.10	< 0.5	6	32	8	1.47	< 10	< 1	0.22	20	0.36	169
L 20W 19+50S	203 238	25	1.24	< 0.2	< 5	460	< 0.5	< 2	0.21	0.5	8	56	14	2.15	< 10	< 1	0.14	20	0.46	238
L 20W 20+50S	203 238	25	1.24	0.2	< 5	460	< 0.5	< 2	0.23	0.5	7	43	16	1.69	< 10	< 1	0.40	30	0.62	223
L 20W 20+50S	203 238	20	0.94	< 0.2	< 5	310	< 0.5	< 2	0.39	0.5	9	68	14	1.66	< 10	< 1	0.21	20	0.49	309
L 20W 21+50S	203 238	30	1.46	< 0.2	< 5	570	0.5	< 2	0.43	0.5	8	56	18	1.82	< 10	< 1	0.34	40	0.41	516
L 20W 21+50S	203 238	5	1.18	< 0.2	< 5	360	0.5	< 2	0.17	< 0.5	5	61	10	1.52	< 10	< 1	0.24	30	0.25	225
L 20W 22+50S	203 238	105	1.32	< 0.2	< 5	320	< 0.5	< 2	0.16	0.5	4	46	12	1.77	< 10	< 2	0.17	20	0.30	217
L 20W 22+50S	203 238	15	2.34	< 0.2	< 5	650	< 0.5	< 2	0.46	< 0.5	10	39	13	2.56	< 10	< 1	0.17	20	1.16	253
L 20W 23+50S	203 238	< 5	1.02	< 0.2	60	490	< 0.5	< 2	0.05	< 0.5	3	25	11	1.66	< 10	< 1	0.36	30	0.20	146
L 22W 00+50S	203 238	< 5	1.71	< 0.2	15	410	< 0.5	< 2	0.17	< 0.5	9	61	18	2.28	< 10	< 1	0.12	20	0.60	212
L 22W 00+50S	203 238	< 5	1.79	< 0.2	10	360	< 0.5	< 2	0.19	< 0.5	9	87	19	2.27	< 10	< 2	0.13	30	0.84	259
L 22W 01+50S	203 238	50	2.20	0.4	< 5	650	0.5	< 2	0.16	< 0.5	9	52	16	2.43	< 10	< 1	0.14	30	0.48	207
L 22W 01+50S	203 238	10	2.73	0.2	< 5	350	0.5	< 2	0.15	0.5	10	63	22	2.94	< 10	< 1	0.16	30	0.84	280
L 22W 02+50S	203 238	70	2.31	< 0.2	< 5	290	0.5	10	0.38	0.5	12	58	15	2.75	< 10	< 1	0.17	30	0.99	301
L 22W 02+50S	203 238	< 5	2.47	< 0.2	< 5	270	0.5	< 2	0.26	0.5	11	59	20	2.90	< 10	< 1	0.16	30	0.83	311
L 22W 03+50S	203 238	50	2.04	0.2	30	290	< 0.5	< 2	0.23	0.5	8	52	12	2.57	< 10	< 1	0.19	20	0.65	263
L 22W 03+50S	203 238	15	1.77	0.2	25	300	< 0.5	< 4	0.18	0.5	7	52	12	1.92	< 10	< 1	0.28	30	0.75	208
L 22W 04+50S	203 238	10	2.11	0.2	15	350	0.5	< 2	0.15	< 0.5	12	45	11	2.56	< 10	< 1	0.20	30	0.50	220
L 22W 04+50S	203 238	< 5	1.63	< 0.2	15	330	0.5	< 2	0.19	< 0.5	10	39	7	1.99	< 10	< 1	0.21	30	0.47	267
L 22W 05+50S	203 238	25	1.42	0.2	25	220	< 0.5	< 2	0.13	< 0.5	9	39	10	1.74	< 10	< 1	0.18	20	0.48	164
L 22W 05+50S	203 238	< 5	1.93	0.6	10	480	0.5	< 2	0.14	< 0.5	14	41	25	2.73	< 10	< 1	0.32	50	0.93	412
L 22W 06+50S	203 238	< 5	1.62	0.4	10	310	0.5	< 2	0.19	< 0.5	10	35	13	1.98	< 10	< 2	0.29	30	0.80	236
L 22W 06+50S	203 238	25	1.44	0.2	5	250	0.5	< 2	0.17	< 0.5	9	30	13	1.81	< 10	< 1	0.23	30	0.72	207
L 22W 07+50S	203 238	< 5	1.48	0.2	5	300	0.5	< 2	0.16	< 0.5	9	41	11	1.76	< 10	< 1	0.29	30	0.59	189
L 22W 07+50S	203 238	10	1.22	0.2	< 5	270	0.5	< 2	0.18	< 0.5	9	31	12	1.68	< 10	< 2	0.18	30	0.48	194
L 22W 08+50S	203 238	< 5	1.13	0.2	20	250	< 0.5	< 2	0.19	< 0.5	9	38	12	1.65	< 10	< 1	0.13	20	0.43	201
L 22W 08+50S	203 238	< 5	1.37	< 0.2	10	300	< 0.5	< 2	0.19	< 0.5	9	41	12	1.88	< 10	< 1	0.15	20	0.47	183

CERTIFICATION :

*Hentz Buchler*



# Chemex Labs Ltd.

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Comments: CC: PERRY GRUNENBERG

Page No. 1-B

Tot. Pag

Date: 09-JUL-87

Invoice #: I-8717052

P.O. #: ACR-DEZ

## CERTIFICATE OF ANALYSIS A8717052

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L 20W 12+50S	203 238	1	0.01	12	360	30	< 5	< 10	21	0.08	10	< 10	37	< 5	54
L 20W 13+00S	203 238	< 1	0.01	13	270	18	< 5	< 10	24	0.11	< 10	< 10	40	< 5	48
L 20W 13+50S	203 238	< 1	0.01	10	390	30	< 5	< 10	27	0.10	< 10	< 10	35	< 5	57
L 20W 14+00S	203 238	< 1	0.01	11	270	20	< 5	< 10	24	0.12	< 10	< 10	40	5	45
L 20W 14+50S	203 238	1	0.01	14	260	14	< 5	< 10	22	0.10	10	< 10	41	< 5	51
L 20W 15+00S	203 238	< 1	0.01	12	160	28	< 5	< 10	18	0.09	< 10	< 10	39	< 5	45
L 20W 15+50S	203 238	< 1	< 0.01	15	290	26	< 5	< 10	14	0.17	10	< 10	34	< 5	79
L 20W 16+00S	203 238	< 1	0.01	15	150	< 2	< 5	< 10	27	0.12	10	< 10	54	< 5	48
L 20W 16+50S	203 238	< 1	0.01	3	110	2	< 5	< 10	13	0.03	< 10	< 10	17	< 5	25
L 20W 17+00S	203 238	< 1	0.01	11	130	8	< 5	< 10	20	0.07	10	< 10	32	< 5	43
L 20W 17+50S	203 238	< 1	0.01	8	140	24	< 5	< 10	15	0.06	10	< 10	29	< 5	40
L 20W 18+00S	203 238	< 1	0.01	8	120	28	< 5	< 10	11	0.06	10	< 10	23	< 5	35
L 20W 18+50S	203 238	< 1	< 0.01	4	200	16	< 5	< 10	9	0.02	10	< 10	12	< 5	25
L 20W 19+00S	203 238	< 1	< 0.01	9	190	8	< 5	< 10	11	0.04	< 10	< 10	21	< 5	25
L 20W 19+50S	203 238	< 1	0.02	14	160	10	< 5	< 10	22	0.08	< 10	< 10	40	< 5	41
L 20W 20+00S	203 238	< 1	0.01	3	290	22	< 5	< 10	34	0.04	20	< 10	11	< 5	69
L 20W 20+50S	203 238	< 1	0.01	8	640	22	< 5	< 10	26	0.06	< 10	< 10	21	< 5	63
L 20W 21+00S	203 238	< 1	0.02	12	500	26	< 5	< 10	37	0.03	10	< 10	28	< 5	63
L 20W 21+50S	203 238	< 1	0.01	10	180	< 2	< 5	< 10	18	0.06	10	< 10	29	< 5	37
L 20W 22+00S	203 238	< 1	0.01	11	180	20	< 5	< 10	15	0.05	< 10	< 10	32	< 5	45
L 20W 22+50S	203 238	< 1	0.01	11	420	8	< 5	< 10	43	0.02	< 10	< 10	9	5	129
L 20W 23+00S	203 238	< 1	0.02	3	340	12	< 5	< 10	18	< 0.01	< 10	< 10	7	< 5	29
L 22W 00+00S	203 238	< 1	0.01	14	310	18	5	< 10	14	0.07	< 10	< 10	37	< 5	57
L 22W 00+50S	203 238	< 1	0.01	17	230	10	< 5	< 10	18	0.07	10	< 10	39	< 5	67
L 22W 01+00S	203 238	< 1	0.01	14	140	26	< 5	< 10	20	0.09	10	< 10	52	< 5	47
L 22W 01+50S	203 238	< 1	0.01	11	190	14	< 5	< 10	24	0.09	< 10	< 10	55	5	68
L 22W 02+00S	203 238	< 1	0.01	14	170	28	< 5	< 10	38	0.17	< 10	< 10	48	< 5	71
L 22W 02+50S	203 238	< 1	0.01	20	160	30	< 5	< 10	28	0.14	< 10	< 10	52	< 5	68
L 22W 03+00S	203 238	< 1	0.01	13	190	8	< 5	< 10	32	0.11	< 10	< 10	46	< 5	65
L 22W 03+50S	203 238	< 1	0.01	5	160	32	< 5	10	27	0.06	10	< 10	29	< 5	60
L 22W 04+00S	203 238	< 1	< 0.01	13	240	24	< 5	< 10	18	0.08	< 10	< 10	52	< 5	59
L 22W 04+50S	203 238	< 1	< 0.01	9	430	14	< 5	< 10	20	0.06	< 10	< 10	39	< 5	59
L 22W 05+00S	203 238	< 1	< 0.01	10	120	26	< 5	< 10	16	0.05	< 10	< 10	28	< 5	52
L 22W 05+50S	203 238	< 1	< 0.01	14	250	32	< 5	20	14	0.01	< 10	< 10	21	< 5	149
L 22W 06+00S	203 238	< 1	< 0.01	8	180	22	< 5	10	20	0.05	< 10	< 10	25	< 5	66
L 22W 06+50S	203 238	< 1	< 0.01	7	200	16	< 5	< 10	16	0.04	< 10	< 10	21	< 5	63
L 22W 07+00S	203 238	< 1	< 0.01	5	210	20	< 5	< 10	18	0.05	< 10	< 10	23	< 5	53
L 22W 07+50S	203 238	< 1	< 0.01	8	190	20	< 5	10	18	0.06	< 10	< 10	27	< 5	47
L 22W 08+00S	203 238	< 1	< 0.01	8	180	14	< 5	< 10	19	0.06	< 10	< 10	27	< 5	49
L 22W 08+50S	203 238	< 1	< 0.01	10	200	22	< 5	< 10	19	0.07	< 10	< 10	32	< 5	53

CERTIFICATION :

*Haut Buchler*



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V6C 2W2

Project: DAWSON

Comments: CC: PERRY GRIMENBERG

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Tot. Pa. 1

Date 09-JUL-87

Invoice # I-8717052

P.O. # ACR-DEZ

## CERTIFICATE OF ANALYSIS A8717052

SAMPLE DESCRIPTION	PREP CODE		Au	Al	Ag	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
			ppb RUSH	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%
L 22W 09+00S	203	238	< 5	0.99	< 0.2	< 5	310	< 0.5	< 2	0.11	< 0.5	8	30	18	1.75	< 10	< 1	0.33	30	0.43	177
L 22W 09+50S	203	238	40	1.14	< 0.2	< 5	360	< 0.5	< 2	0.24	< 0.5	9	18	15	1.70	< 10	< 1	0.12	30	0.44	177
L 22W 10+00S	203	238	< 5	1.01	0.4	10	260	< 0.5	< 2	0.12	< 0.5	< 1	10	10	1.40	< 10	< 1	0.17	30	0.31	133
L 22W 10+50S	203	238	< 5	1.29	< 0.2	< 5	160	< 0.5	< 2	0.06	< 0.5	3	8	11	1.59	< 10	1	0.14	40	0.40	187
L 22W 11+00S	203	238	< 5	1.72	< 0.2	< 5	320	0.5	< 2	0.20	< 0.5	11	24	11	2.25	< 10	1	0.09	20	0.41	184
L 22W 11+50S	203	238	< 5	1.29	0.4	< 5	260	< 0.5	< 2	0.17	< 0.5	3	15	14	1.48	< 10	< 1	0.11	20	0.30	120
L 22W 12+00S	203	238	< 5	1.17	0.4	< 5	250	< 0.5	< 2	0.17	< 0.5	8	13	12	1.55	< 10	< 1	0.14	30	0.33	213
L 22W 12+50S	203	238	< 5	1.24	< 0.2	< 5	230	< 0.5	< 2	0.21	< 0.5	8	19	10	1.78	< 10	< 1	0.10	20	0.37	179
L 22W 13+00S	203	238	< 5	1.24	< 0.2	< 5	240	< 0.5	< 2	0.20	< 0.5	9	17	9	1.68	< 10	< 1	0.09	20	0.35	163
L 22W 13+50S	203	238	25	1.23	0.2	< 5	230	< 0.5	< 2	0.20	< 0.5	8	17	10	1.63	< 10	2	0.11	20	0.30	137
L 22W 14+00S	203	238	75	1.43	< 0.2	15	370	< 0.5	< 2	0.37	< 0.5	11	25	15	2.09	< 10	< 1	0.08	20	0.46	216
L 22W 14+50S	203	238	< 5	1.52	0.2	10	380	< 0.5	< 2	0.37	< 0.5	11	25	16	2.19	< 10	< 1	0.10	20	0.48	292
L 22W 15+00S	203	238	< 5	1.60	0.4	10	340	< 0.5	< 2	0.39	< 0.5	10	26	14	2.18	< 10	< 1	0.12	20	0.51	213
L 22W 15+50S	203	238	40	1.35	0.2	< 5	380	< 0.5	< 2	0.39	< 0.5	10	23	16	1.94	< 10	< 1	0.09	20	0.48	219
L 22W 16+00S	203	238	10	1.37	< 0.2	< 5	330	< 0.5	< 2	0.42	< 0.5	13	22	14	2.13	< 10	< 1	0.11	20	0.47	388
L 22W 16+50S	203	238	25	1.41	< 0.2	< 5	350	0.5	< 2	0.38	< 0.5	10	23	16	2.10	< 10	< 1	0.10	20	0.47	218
L 22W 17+00S	203	238	15	1.59	< 0.2	< 5	410	0.5	< 2	0.38	< 0.5	13	25	20	2.44	< 10	< 1	0.12	20	0.54	290
L 22W 17+50S	203	238	10	1.65	0.2	< 5	470	0.5	< 2	0.47	< 0.5	12	26	24	2.45	< 10	< 1	0.13	30	0.55	262
L 22W 18+00S	203	238	< 5	1.49	< 0.2	< 5	440	< 0.5	< 2	0.41	< 0.5	10	24	13	2.23	< 10	< 1	0.14	20	0.49	283
L 22W 18+50S	203	238	5	1.56	< 0.2	< 5	550	0.5	< 2	0.42	< 0.5	10	21	17	2.06	< 10	< 1	0.15	30	0.46	260
L 22W 19+00S	203	238	130	1.32	< 0.2	5	390	0.5	< 2	0.35	< 0.5	10	19	15	1.91	< 10	< 1	0.13	30	0.47	282
L 22W 19+50S	203	238	< 5	1.48	< 0.2	10	420	0.5	< 2	0.30	< 0.5	11	23	11	2.17	< 10	< 1	0.13	20	0.49	407
L 22W 20+00S	203	238	< 5	1.18	0.4	< 5	750	0.5	< 2	0.28	< 0.5	9	12	7	1.58	< 10	< 1	0.18	20	0.25	452
L 22W 20+50S	203	238	5	1.01	0.6	5	590	< 0.5	< 2	0.13	< 0.5	< 1	6	6	1.33	< 10	< 1	0.14	30	0.28	101
L 22W 21+00S	203	238	< 5	0.73	0.2	10	2450	< 0.5	< 2	1.84	1.0	9	9	19	1.03	< 10	< 1	0.12	40	0.36	2280
L 22W 21+50S	203	238	5	0.84	< 0.2	5	330	< 0.5	< 2	0.62	0.5	9	15	14	1.57	< 10	< 1	0.11	20	0.42	324
L 22W 22+00S	203	238	75	0.72	< 0.2	5	280	< 0.5	< 2	0.14	< 0.5	3	7	10	1.39	< 10	< 1	0.17	20	0.20	140
L 22W 22+50S	203	238	< 5	1.83	< 0.2	80	310	0.5	< 2	0.14	< 0.5	13	19	12	2.60	< 10	< 1	0.24	20	0.33	130

CERTIFICATION :

*Hart Buchler*



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,  
BRITISH COLUMBIA, CANADA V7J-1C1

PHONE (604) 684-0221

To: MARK MANAGEMENT LIMITED

1900 - 999 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6C 2W2

Project: LAWSON

Comments: CC: FERRY GRUNENBERG

Page No. 8  
Tot. Page: 8  
Date: 1999-JUL-87  
Invoice #: I-8717052  
P.O. #: ACR-DEZ

## CERTIFICATE OF ANALYSIS A8717052

SAMPLE DESCRIPTION	PREP CODE	Mb ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sr ppm	Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
L 22W 09+00E	203 238	< 1	< 0.01	5	320	20	< 5	< 10	36	0.06	< 10	< 10	15	< 5	51
L 22W 09+50E	203 238	< 1	< 0.01	10	190	8	< 5	10	23	0.07	< 10	< 10	29	< 5	52
L 22W 10+00E	203 238	< 1	< 0.01	6	180	16	< 5	10	18	0.04	< 10	< 10	21	< 5	43
L 22W 10+50E	203 238	< 1	< 0.01	5	220	22	< 5	10	8	0.02	< 10	< 10	10	< 5	97
L 22W 11+00S	203 238	< 1	< 0.01	16	140	10	< 5	< 10	21	0.07	< 10	< 10	45	< 5	54
L 22W 11+50S	203 238	< 1	0.01	8	280	20	< 5	< 10	18	0.06	< 10	< 10	30	< 5	47
L 22W 12+00S	203 238	< 1	< 0.01	10	330	28	< 5	< 10	17	0.03	< 10	< 10	27	< 5	57
L 22W 12+50S	203 238	< 1	< 0.01	9	240	24	< 5	< 10	20	0.07	< 10	< 10	36	< 5	53
L 22W 13+00S	203 238	< 1	< 0.01	8	230	20	< 5	< 10	19	0.07	< 10	< 10	34	< 5	48
L 22W 13+50S	203 238	< 1	< 0.01	9	310	18	< 5	10	18	0.07	< 10	< 10	33	< 5	49
L 22W 14+00E	203 238	< 1	0.01	15	480	10	< 5	< 10	30	0.10	< 10	< 10	44	< 5	56
L 22W 14+50S	203 238	< 1	0.01	14	500	12	< 5	< 10	31	0.09	< 10	< 10	43	< 5	65
L 22W 15+00S	203 238	< 1	0.01	15	440	8	< 5	10	33	0.10	< 10	< 10	44	< 5	67
L 22W 15+50S	203 238	< 1	0.01	14	370	4	< 5	< 10	31	0.09	< 10	< 10	39	< 5	49
L 22W 16+00S	203 238	< 1	0.01	13	540	8	< 5	< 10	35	0.09	< 10	< 10	41	< 5	59
L 22W 16+50S	203 238	< 1	0.01	13	380	6	< 5	< 10	31	0.10	< 10	< 10	41	< 5	50
L 22W 17+00S	203 238	< 1	0.01	17	400	6	< 5	10	31	0.10	< 10	< 10	46	< 5	56
L 22W 17+50S	203 238	< 1	0.01	17	350	6	< 5	< 10	39	0.10	< 10	< 10	47	< 5	55
L 22W 18+00S	203 238	< 1	0.01	13	290	6	< 5	< 10	34	0.10	< 10	< 10	43	< 5	50
L 22W 18+50S	203 238	< 1	0.01	13	260	16	< 5	10	37	0.08	< 10	< 10	41	< 5	50
L 22W 19+00S	203 238	< 1	0.01	13	330	16	< 5	< 10	28	0.07	< 10	< 10	35	< 5	46
L 22W 19+50S	203 238	< 1	0.01	12	180	6	< 5	< 10	26	0.07	< 10	< 10	46	< 5	49
L 22W 20+00S	203 238	< 1	< 0.01	8	330	12	< 5	< 10	26	0.03	< 10	< 10	26	< 5	57
L 22W 20+50S	203 238	< 1	< 0.01	4	90	16	< 5	< 10	17	0.01	< 10	< 10	12	< 5	64
L 22W 21+00S	203 238	< 1	0.02	16	870	10	< 5	< 10	150	0.01	< 10	< 10	14	< 5	48
L 22W 21+50S	203 238	< 1	0.01	12	570	16	< 5	< 10	51	0.06	< 10	< 10	28	< 5	56
L 22W 22+00S	203 238	< 1	< 0.01	5	250	16	< 5	10	14	0.02	< 10	< 10	12	< 5	45
L 22W 22+50S	203 238	< 1	0.01	13	260	16	< 5	< 10	26	0.05	< 10	< 10	43	< 5	40

CERTIFICATION :

*Hautzschler*



# Chemex Labs Ltd.

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To: MARK MANAGEMENT LIMITED

1900 - 999 W. HASTINGS ST.  
 VANCOUVER, B.C.  
 V6C 2W2

Project: DAWSON

Comments: ATTN: ART TROUP CC: P. GRUNENBERG

Page No. 1-A  
 Tot. Pag. 1  
 Date: 05-AUG-87  
 Invoice #: 1-8718823  
 P.O. #: ACR DE1

## CERTIFICATE OF ANALYSIS A8718823

SAMPLE DESCRIPTION	PREP CODE	As	Al	Ag	Au	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
		ppb RUSH	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%
L12W 0+00N	201 238	< 5	1.04	0.4	< 5	210	< 0.5	< 2	0.11	0.5	< 1	14	13	1.15	< 10	< 1	0.13	40	0.24	91
L12W 1+00N	201 238	< 5	1.35	0.4	< 5	260	< 0.5	< 2	0.11	1.0	< 1	16	11	1.57	< 10	< 1	0.12	40	0.24	87
L12W 2+00N	201 238	10	1.12	0.4	< 5	250	< 0.5	< 2	0.12	< 0.5	< 1	15	11	1.18	< 10	< 1	0.12	40	0.20	66
L12W 4+00N	201 238	5	1.11	0.2	< 5	370	< 0.5	< 2	0.13	0.5	< 1	16	17	1.28	< 10	< 1	0.11	40	0.17	56
L12W 4+50N	201 238	10	1.20	1.6	< 5	350	0.5	< 2	0.18	0.5	< 1	24	16	1.95	< 10	< 1	0.12	30	0.39	208
L12W 5+00N	201 238	15	1.04	0.6	15	320	< 0.5	< 2	0.15	< 0.5	< 1	17	14	1.41	< 10	< 1	0.10	30	0.26	109
L12W 5+50N	201 238	10	0.88	0.2	< 5	260	< 0.5	< 2	0.16	0.5	< 1	14	10	1.19	< 10	< 1	0.08	20	0.29	89
L12W 9+00N	201 238	< 5	1.83	0.4	15	320	< 0.5	< 2	0.23	< 0.5	< 1	24	16	2.22	< 10	< 1	0.13	20	0.71	226
L12W 10+00N	201 238	< 5	2.19	0.2	< 5	230	< 0.5	< 2	0.40	0.5	15	35	25	3.25	< 10	< 1	0.07	20	1.43	283
L12W 10+50N	201 238	< 5	1.71	0.4	< 5	230	< 0.5	< 2	0.45	< 0.5	< 1	24	16	2.65	< 10	< 1	0.08	20	1.13	278
L12W 11+00N	201 238	< 5	1.58	0.4	< 5	230	< 0.5	< 2	0.31	< 0.5	< 1	19	11	2.28	< 10	< 1	0.11	20	0.89	221
L12W 11+50N	201 238	< 5	1.57	0.4	15	190	< 0.5	< 2	0.26	< 0.5	< 1	14	9	1.73	< 10	< 1	0.08	20	1.12	161
L12W 12+00N	201 238	< 5	1.40	0.4	5	170	< 0.5	< 2	0.31	< 0.5	< 1	21	11	1.81	< 10	< 1	0.07	20	0.81	174
L12W 12+50N	201 238	< 5	1.21	1.4	20	190	< 0.5	< 2	0.28	< 0.5	< 1	21	10	1.80	< 10	< 1	0.12	10	0.30	281
L12W 13+00N	201 238	< 5	1.68	0.2	25	260	< 0.5	< 2	0.32	< 0.5	< 1	33	14	2.67	< 10	< 1	0.16	20	0.70	452
L12W 13+50N	201 238	< 5	1.43	0.2	< 5	310	< 0.5	< 2	0.39	< 0.5	< 1	27	16	2.24	< 10	< 1	0.10	20	0.57	240
L12W 14+00N	201 238	< 5	1.63	0.4	50	230	< 0.5	< 2	0.42	< 0.5	< 1	30	18	2.78	< 10	< 1	0.12	26	0.65	250
L12W 14+50N	201 238	< 5	1.28	0.4	50	250	0.5	< 2	0.24	< 0.5	< 1	20	14	1.93	< 10	< 1	0.17	30	0.46	240
L12W 15+00N	201 238	5	1.03	0.2	20	260	0.5	< 2	0.14	< 0.5	< 1	14	10	1.33	< 10	< 1	0.20	40	0.32	127
L12W 15+50N	201 238	5	1.40	0.4	50	360	0.5	< 2	0.33	< 0.5	< 1	35	15	2.02	< 10	< 1	0.12	30	0.61	217
L12W 16+00N	201 238	< 5	1.27	0.4	50	340	0.5	< 2	0.21	< 0.5	< 1	27	13	1.93	< 10	< 1	0.17	20	0.50	143
L12W 16+50N	201 238	< 5	0.89	< 0.2	15	220	0.5	< 2	0.10	< 0.5	< 1	12	9	1.33	< 10	< 1	0.15	30	0.25	115
L12W 17+00N	201 238	< 5	1.03	0.2	25	360	0.5	< 2	0.15	< 0.5	< 1	14	10	1.35	< 10	< 1	0.15	40	0.31	104
L12W 17+50N	201 238	< 5	1.11	0.2	5	290	0.5	< 2	0.11	< 0.5	< 1	11	8	1.46	< 10	2	0.17	30	0.35	114
L12W 18+00N	201 238	< 5	1.06	0.2	10	390	0.5	< 2	0.11	< 0.5	< 1	11	9	1.32	< 10	< 1	0.15	30	0.25	101
L14W 0+50N	201 238	< 5	1.08	0.2	10	260	0.5	< 2	0.14	< 0.5	< 1	15	11	1.20	< 10	< 1	0.10	30	0.22	92
L14W 1+00N	201 238	< 5	1.63	0.2	15	440	0.5	< 2	0.15	< 0.5	< 1	29	19	1.53	< 10	< 1	0.15	50	0.31	95
L14W 1+50N	201 238	< 5	1.34	0.2	5	350	0.5	< 2	0.09	< 0.5	< 1	16	13	1.35	< 10	< 1	0.12	50	0.19	75
L14W 2+00N	201 238	< 5	0.84	< 0.2	15	170	0.5	< 2	0.08	< 0.5	< 1	12	6	0.98	< 10	< 1	0.11	50	0.17	85
L14W 2+50N	203 238	5	0.89	< 0.2	10	650	0.5	< 2	0.14	< 0.5	1	27	13	1.10	< 10	1	0.13	40	0.18	71
L14W 3+00N	203 238	30	0.76	0.8	20	870	< 0.5	< 2	0.15	< 1.0	1	63	38	1.12	< 10	< 1	0.13	30	0.14	74
L14W 3+50N	201 238	20	0.98	0.4	15	550	< 0.5	< 2	0.13	< 0.5	2	24	10	1.13	< 10	< 1	0.12	30	0.30	82
L14W 4+00N	201 238	20	1.42	0.4	< 5	400	< 0.5	< 2	0.16	0.5	3	53	14	1.67	< 10	2	0.09	30	0.35	105
L14W 4+50N	201 238	15	1.31	0.4	35	330	< 0.5	2	0.14	< 0.5	3	27	12	1.66	< 10	< 1	0.11	30	0.29	117
L14W 5+00N	201 238	30	1.09	0.4	25	320	< 0.5	8	0.17	< 0.5	3	20	12	1.41	< 10	< 1	0.09	30	0.32	91
L14W 5+50N	201 238	30	0.66	0.6	5	980	< 0.5	< 2	0.08	< 0.5	3	7	15	1.21	< 10	3	0.19	40	0.22	103
L14W 6+00N	201 238	15	0.97	0.8	25	190	< 0.5	6	0.12	< 0.5	3	9	20	1.45	< 10	< 1	0.17	40	0.42	170
L14W 6+50N	201 238	60	1.32	0.4	< 5	1160	< 0.5	< 2	0.18	< 0.5	3	20	13	1.57	< 10	< 1	0.16	30	0.48	127
L14W 7+00N	201 238	160	1.00	0.8	< 5	310	< 0.5	< 2	0.13	< 0.5	3	12	16	1.07	< 10	2	0.15	30	0.27	72
L14W 7+50N	201 238	5	1.00	< 0.2	< 5	360	< 0.5	< 2	0.10	0.5	3	13	12	1.21	< 10	2	0.15	40	0.24	67

CERTIFICATION: Hart Buchler



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To: MARK MANAGEMENT LIMITED

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Page No. 1-B  
Tot. Pgs. 1  
Date 05-AUG-87  
Invoice #: I-8718823  
P.O. #: ACR DEI

## CERTIFICATE OF ANALYSIS A8718823

SAMPLE DESCRIPTION	PREP CODE		Mb	Na	Ni	P	Pb	Sb	Se	Sr	Tl	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
L12W 0400N	201	238	< 1	0.01	5	230	30	< 5	< 10	13	0.03	< 10	< 10	23	< 5	40
L12W 1400N	201	238	< 1	< 0.01	5	170	62	< 5	< 10	13	0.04	< 10	< 10	30	< 5	52
L12W 2400N	201	238	< 1	0.01	4	230	40	< 5	< 10	13	0.04	< 10	< 10	23	< 5	34
L12W 4400N	201	238	< 1	0.01	5	360	34	< 5	< 10	16	0.04	< 10	< 10	20	< 5	31
L12W 4450N	201	238	< 1	0.01	10	320	66	< 5	< 10	21	0.06	< 10	< 10	29	< 5	97
L12W 5400N	201	238	< 1	< 0.01	7	290	30	< 5	< 10	19	0.04	< 10	< 10	22	< 5	48
L12W 5450N	201	238	< 1	< 0.01	5	280	24	< 5	< 10	17	0.04	< 10	< 10	21	< 5	53
L12W 9400N	201	238	< 1	0.01	11	450	28	< 5	< 10	19	0.08	< 10	< 10	36	< 5	68
L12W 10400N	201	238	< 1	0.01	13	690	< 2	< 5	< 10	26	0.12	< 10	< 10	53	< 5	92
L12W 10450N	201	238	< 1	0.01	10	890	< 2	< 5	< 10	29	0.11	< 10	< 10	33	< 5	83
L12W 11400N	201	238	< 1	0.01	8	510	< 2	< 5	< 10	21	0.11	< 10	< 10	35	< 5	68
L12W 11450N	201	238	< 1	0.01	4	320	12	< 5	10	31	0.04	< 10	< 10	19	< 5	73
L12W 12400N	201	238	< 1	< 0.01	9	390	18	< 5	10	25	0.07	< 10	< 10	26	< 5	63
L12W 12450N	201	238	< 1	< 0.01	6	460	< 2	< 5	10	18	0.07	< 10	< 10	30	< 5	53
L12W 13400N	201	238	< 1	< 0.01	13	630	5	< 5	< 10	24	0.09	< 10	< 10	46	< 5	69
L12W 13450N	201	238	< 1	< 0.01	14	450	8	< 5	< 10	27	0.13	< 10	< 10	34	< 5	62
L12W 14400N	201	238	< 12	< 0.01	15	660	53	< 5	< 10	28	0.09	< 10	< 10	34	< 5	83
L12W 14450N	201	238	< 1	0.01	10	460	26	< 5	20	21	0.06	< 10	< 10	28	< 5	72
L12W 15400N	201	238	< 1	0.01	5	170	24	< 5	< 10	13	0.04	< 10	< 10	21	< 5	43
L12W 15450N	201	238	< 1	0.01	9	500	24	< 5	10	25	0.09	< 10	< 10	34	< 5	63
L12W 16400N	201	238	< 1	0.01	6	350	22	< 5	< 10	16	0.07	< 10	< 10	30	< 5	58
L12W 16450N	201	238	< 1	< 0.01	5	170	10	< 5	< 10	11	0.04	< 10	< 10	20	< 5	40
L12W 17400N	201	238	< 1	0.01	4	190	10	< 5	< 10	14	0.04	< 10	< 10	21	< 5	44
L12W 17450N	201	238	< 1	0.01	6	140	16	< 5	< 10	13	0.04	< 10	< 10	24	< 5	40
L12W 18400N	201	238	< 1	0.01	5	100	22	< 5	< 10	13	0.04	< 10	< 10	23	< 5	29
L14W 0450N	201	238	< 1	0.01	7	180	32	< 5	< 10	14	0.05	< 10	< 10	26	< 5	37
L14W 1400N	201	238	< 1	0.01	7	310	44	< 5	< 10	17	0.04	< 10	< 10	30	< 5	46
L14W 1450N	201	238	< 1	0.01	2	160	72	< 5	< 10	10	0.04	< 10	< 10	27	< 5	37
L14W 2400N	201	238	< 1	< 0.01	2	160	40	< 5	< 10	8	0.03	< 10	< 10	19	< 5	34
L14W 2450N	203	238	< 1	0.01	6	540	38	< 5	< 10	18	0.01	< 10	< 10	14	< 5	40
L14W 3400N	203	238	< 1	0.02	14	970	66	< 5	30	19	< 0.01	< 10	< 10	9	< 5	37
L14W 3450N	201	238	< 1	0.01	9	360	14	< 5	20	16	0.02	< 10	< 10	15	< 5	47
L14W 4400N	201	238	< 1	0.01	13	390	24	< 5	10	17	0.03	< 10	< 10	25	< 5	53
L14W 4450N	201	238	< 1	0.01	8	340	20	< 5	< 10	20	0.03	< 10	< 10	24	< 5	47
L14W 5400N	201	238	< 1	0.01	9	370	10	< 5	< 10	22	0.03	< 10	< 10	19	< 5	51
L14W 5450N	201	238	< 1	0.01	4	260	108	< 5	< 10	44	0.01	< 10	< 10	9	< 5	53
L14W 6400N	201	238	< 1	0.01	3	380	60	< 5	< 10	18	0.02	< 10	< 10	12	< 5	173
L14W 6450N	201	238	< 1	0.01	6	360	46	< 5	< 10	21	0.04	< 10	< 10	23	< 5	100
L14W 7400N	201	238	< 1	0.01	5	210	62	< 5	< 10	15	0.03	< 10	< 10	16	< 5	60
L14W 7450N	201	238	1	0.01	2	210	68	< 5	< 10	13	0.02	< 10	< 10	19	< 5	60

*Paul Bidler*

CERTIFICATION: \_\_\_\_\_



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,  
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PHONE (604) 944-0221

To: MARK MANAGEMENT LIMITED

1900 - 999 W. HASTINGS ST.

VANCOUVER, B.C.

V6C 2W2

Project: DAWSON

Comments: ATTN: ART TROUP CC: P. GRUNENBERG

Page No. 2-A

Tot. Pa

Date 05-AUG-87

Invoice #: 1-8718823

P.O. # ACR DE1

## CERTIFICATE OF ANALYSIS A8718823

SAMPLE DESCRIPTION	PREP CODE	Au ppb RUSH	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
L14W 8+00N	201 238	< 5	1.05	< 0.2	10	310	< 0.5	< 2	0.16	< 0.5	3	13	11	1.34	< 10	< 1	0.12	20	0.38	113
L14W 8+50N	201 238	< 5	1.49	0.2	20	340	< 0.5	< 2	0.25	< 0.5	2	16	12	2.32	< 10	< 1	0.11	20	0.80	264
L14W 9+00N	201 238	< 5	1.50	0.4	20	420	< 0.5	2	0.31	< 0.5	2	20	11	2.03	< 10	< 1	0.11	20	0.65	222
L14W 9+50N	201 238	< 5	1.81	0.4	10	220	< 0.5	2	0.25	< 0.5	11	31	12	2.56	< 10	< 1	0.08	10	0.87	230
L14W 10+00N	201 238	< 5	1.56	0.4	30	290	< 0.5	< 2	0.43	< 0.5	12	17	18	2.41	< 10	< 1	0.19	20	1.07	217
L14W 10+50N	201 238	< 5	2.12	1.0	35	570	< 0.5	< 2	0.57	< 0.5	10	32	31	2.55	< 10	< 1	0.14	40	1.09	372
L14W 11+00N	201 238	< 5	2.26	0.4	30	400	< 0.5	< 2	0.32	< 0.5	13	35	20	2.86	< 10	< 1	0.18	20	1.34	319
L14W 11+50N	201 238	< 5	1.38	0.2	10	230	< 0.5	6	0.12	< 0.5	3	20	13	1.56	< 10	< 1	0.08	20	0.87	112
L14W 12+00N	201 238	< 5	2.00	< 0.2	30	350	< 0.5	< 2	0.17	< 0.5	12	32	20	2.86	< 10	< 1	0.12	20	0.65	322
L14W 12+50N	201 238	< 5	1.20	0.2	30	330	< 0.5	< 2	0.36	< 0.5	9	25	18	1.92	< 10	< 1	0.11	20	0.50	238
L14W 13+00N	201 238	< 5	1.56	< 0.2	35	360	< 0.5	< 2	0.27	< 0.5	5	28	19	2.20	< 10	< 1	0.14	20	0.51	263
L14W 13+50N	201 238	< 5	1.47	< 0.2	15	290	< 0.5	< 2	0.37	< 0.5	10	30	22	2.38	< 10	< 1	0.14	20	0.63	267
L14W 14+00N	201 238	< 5	2.24	0.4	15	350	< 0.5	< 2	0.21	< 0.5	13	40	18	2.95	< 10	< 1	0.10	20	0.53	241
L14W 14+50N	201 238	< 5	1.82	0.4	25	400	< 0.5	< 2	0.23	< 0.5	2	33	16	2.42	< 10	< 1	0.14	20	0.52	192
L14W 15+00N	201 238	< 5	0.96	1.6	10	370	< 0.5	< 2	0.18	< 0.5	3	17	10	1.30	< 10	< 1	0.18	30	0.29	124
L14W 15+50N	201 238	< 5	1.13	0.4	< 5	230	< 0.5	4	0.19	< 0.5	2	17	11	1.44	< 10	< 1	0.13	30	0.32	130
L14W 16+00N	201 238	< 5	1.03	0.2	10	240	< 0.5	< 2	0.14	< 0.5	3	14	8	1.36	< 10	< 1	0.14	30	0.26	136
L14W 16+50N	201 238	< 5	1.02	0.4	35	290	< 0.5	< 2	0.12	< 0.5	3	18	10	1.38	< 10	< 1	0.19	40	0.29	108
L14W 17+00N	201 238	< 5	1.01	0.4	20	210	< 0.5	4	0.14	< 0.5	3	13	8	1.27	< 10	< 1	0.13	30	0.35	113
L14W 17+50N	201 238	< 5	0.84	< 0.2	15	140	< 0.5	< 2	0.06	< 0.5	3	8	5	0.97	< 10	2	0.14	20	0.14	86
L14W 18+00N	201 238	< 5	0.78	0.4	< 5	210	< 0.5	< 2	0.08	< 0.5	3	8	5	0.82	< 10	< 1	0.22	50	0.16	132
L14W 0+50N	201 238	< 5	1.59	0.2	25	290	< 0.5	< 2	0.18	< 0.5	3	91	13	2.29	< 10	< 1	0.12	20	0.53	259
L14W 1+00N	201 238	15	1.58	0.2	5	350	< 0.5	< 2	0.22	< 0.5	14	41	27	2.55	< 10	< 1	0.14	40	0.47	451
L14W 1+50N	201 238	60	1.22	0.2	< 5	470	< 0.5	< 2	0.14	< 0.5	3	23	15	1.67	< 10	< 1	0.15	30	0.27	116
L14W 2+00N	201 238	5	1.41	0.2	5	460	< 0.5	< 2	0.18	< 0.5	3	48	10	1.69	< 10	5	0.12	30	0.44	127
L14W 2+50N	201 238	< 5	1.01	0.4	25	300	< 0.5	< 2	0.11	< 0.5	3	42	13	1.64	< 10	< 1	0.12	30	0.31	218
L14W 3+00N	201 238	< 5	0.57	0.8	10	450	< 0.5	< 2	0.06	< 0.5	3	17	10	1.22	< 10	< 1	0.10	30	0.12	57
L14W 4+00N	201 238	140	1.24	1.0	50	530	< 0.5	< 2	0.15	< 0.5	4	23	20	1.91	< 10	< 1	0.25	40	0.50	318
L14W 4+50N	201 238	40	0.96	0.2	10	210	< 0.5	< 2	0.10	< 0.5	3	16	9	1.24	< 10	< 1	0.17	30	0.37	101
L14W 5+00N	201 238	< 5	0.78	< 0.2	< 5	160	< 0.5	< 2	0.07	< 0.5	4	9	6	0.84	< 10	< 1	0.13	40	0.32	69
L14W 5+50N	201 238	< 5	1.02	0.2	< 5	230	< 0.5	4	0.14	< 0.5	4	17	9	1.18	< 10	< 1	0.12	30	0.43	85
L14W 6+00N	201 238	20	1.12	0.2	< 5	320	< 0.5	2	0.15	< 0.5	4	17	14	1.16	< 10	< 1	0.15	30	0.41	84
L14W 6+50N	201 238	15	1.09	0.2	< 5	260	< 0.5	< 2	0.16	< 0.5	5	16	12	1.31	< 10	< 1	0.14	30	0.41	101
L14W 7+00N	201 238	20	1.18	0.8	< 5	320	< 0.5	< 2	0.16	< 0.5	4	16	13	1.45	< 10	< 1	0.13	30	0.34	91
L14W 7+50N	201 238	< 5	1.00	< 0.2	5	230	< 0.5	< 2	0.12	< 0.5	3	13	12	1.12	< 10	< 1	0.15	30	0.29	85
L14W 8+00N	201 238	< 5	1.25	0.2	5	290	< 0.5	2	0.15	< 0.5	4	19	14	1.62	< 10	< 1	0.12	20	0.33	85
L14W 8+50N	201 238	< 5	1.00	< 0.2	< 5	220	< 0.5	2	0.17	< 0.5	3	15	10	1.39	< 10	< 1	0.11	20	0.34	96
L14W 9+00N	201 238	< 5	1.60	< 0.2	5	210	< 0.5	2	0.24	< 0.5	7	25	12	2.01	< 10	1	0.10	20	0.74	195
L14W 9+50N	201 238	< 5	1.58	< 0.2	< 5	200	< 0.5	2	0.24	< 0.5	6	26	11	2.00	< 10	1	0.10	20	0.70	157
L14W 10+00N	201 238	< 5	2.23	0.2	< 5	230	< 0.5	2	0.35	< 0.5	12	28	16	3.12	< 10	1	0.12	20	1.74	233

CERTIFICATION:

*Art Troup*



# Chemex Labs Ltd.

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212 BROOKSBANK AVE., NORTH VANCOUVER.  
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PHONE (604) 984-0221

To: MARK MANAGEMENT LIMITED

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Project: DAWSON

Comments: ATTN: ART TROUP CC: P. GRUNENBERG

Page No. 2-B  
Tot. Pa. 4  
Date: 05-AUG-87  
Invoice #: I-8718823  
P.O. #: ACR DEI

## CERTIFICATE OF ANALYSIS A8718823

SAMPLE DESCRIPTION	PREP CODE		Mb	Na	Ni	P	Pb	Sb	Se	Sr	Ti	Ti	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
L14W 8+00N	201	238	1	0.01	5	270	38	< 5	< 10	15	0.06	< 10	< 10	21	< 5	52
L14W 8+30N	201	238	< 1	0.01	6	450	8	< 5	< 10	21	0.08	< 10	< 10	27	< 5	76
L14W 9+00N	201	238	< < 1	0.01	12	260	14	< 5	< 10	22	0.10	< 10	< 10	32	< 5	66
L14W 9+30N	201	238	< < 1	0.01	14	170	< 2	< 5	< 10	21	0.12	< 10	< 10	36	< 5	63
L14W 10+00N	201	238	< < 1	0.01	11	830	< 2	< 5	< 10	33	0.19	< 10	< 10	35	< 5	79
L14W 10+30N	201	238	< < 1	0.02	16	480	12	10	< 10	45	0.08	< 10	< 10	45	< 5	77
L14W 11+00N	201	238	< < 1	0.01	18	500	2	< 5	< 10	23	0.10	< 10	< 10	51	< 5	90
L14W 11+30N	201	238	< < 1	0.01	12	180	4	< 5	< 10	40	0.04	< 10	< 10	37	< 5	58
L14W 12+00N	201	238	< < 1	0.01	16	130	< 2	< 5	< 10	18	0.10	< 10	< 10	44	< 5	55
L14W 12+30N	201	238	< < 1	0.01	15	290	< 2	< 5	< 10	27	0.13	< 10	< 10	32	< 5	48
L14W 13+00N	201	238	< < 1	0.01	16	320	4	< 5	< 10	23	0.12	< 10	< 10	42	< 5	51
L14W 13+30N	201	238	< < < 1	0.01	15	560	24	< 5	< 10	30	0.12	< 10	< 10	42	< 5	78
L14W 14+00N	201	238	< < < 1	0.01	20	220	12	< 5	< 10	23	0.12	< 10	< 10	58	< 5	55
L14W 14+30N	201	238	< < < 1	0.01	15	210	30	< 5	< 10	22	0.10	< 10	< 10	51	< 5	66
L14W 15+00N	201	238	< < < 1	0.01	7	220	20	< 5	< 10	17	0.06	< 10	< 10	25	< 5	51
L14W 15+30N	201	238	< < < 1	0.01	5	180	< 2	< 5	< 10	18	0.08	< 10	< 10	30	< 5	44
L14W 16+00N	201	238	< < < 1	0.01	4	160	< 2	< 5	< 10	15	0.05	< 10	< 10	27	< 5	39
L14W 16+30N	201	238	< < < 1	0.01	4	250	4	< 5	< 10	11	0.05	< 10	< 10	23	< 5	44
L14W 17+00N	201	238	< < < 1	0.01	4	120	8	< 5	< 10	20	0.06	< 10	< 10	23	< 5	58
L14W 17+30N	201	238	< < < 1	0.01	1	240	12	< 5	< 10	11	0.03	< 10	< 10	26	< 5	22
L14W 18+00N	201	238	< < < 1	0.01	1	160	12	< 5	< 20	12	0.02	< 10	< 10	14	< 5	26
L14W 0+30N	201	238	< < < 1	0.01	9	310	22	< 5	< 10	20	0.06	< 10	< 10	45	< 5	58
L14W 1+00N	201	238	< < < 1	0.01	12	460	62	< 5	< 40	34	0.07	< 10	< 10	39	< 5	98
L14W 1+30N	201	238	< < < 1	0.01	8	330	24	< 5	< 10	25	0.03	< 10	< 10	31	< 5	46
L14W 2+00N	201	238	< < < 1	0.01	8	310	12	< 5	< 10	24	0.06	< 10	< 10	33	< 5	51
L14W 2+30N	201	238	< < < 1	0.02	7	380	6	< 5	< 10	23	0.02	< 10	< 10	22	< 5	56
L14W 3+00N	201	238	< < < 1	0.02	4	320	20	< 5	< 10	27	0.01	< 10	< 10	13	< 5	23
L14W 4+00N	201	238	< < < 1	0.01	10	540	8	< 5	< 10	20	0.01	< 10	< 10	22	< 5	51
L14W 4+30N	201	238	< < < 1	0.01	2	170	12	< 5	< 10	15	0.07	< 10	< 10	21	< 5	35
L14W 5+00N	201	238	< < < 1	0.01	1	120	12	< 5	< 10	11	0.07	< 10	< 10	14	< 5	29
L14W 5+30N	201	238	< < < 1	0.01	4	320	12	< 5	< 10	15	0.03	< 10	< 10	16	< 5	43
L14W 6+00N	201	238	< < < 1	0.01	6	310	16	< 5	< 10	19	0.03	< 10	< 10	14	< 5	42
L14W 6+30N	201	238	< < < 1	0.01	6	260	26	< 5	< 10	20	0.04	< 10	< 10	18	< 5	47
L14W 7+00N	201	238	< < < 1	0.01	4	260	38	< 5	< 10	18	0.04	< 10	< 10	22	< 5	64
L14W 7+30N	201	238	< < < 1	< 0.01	2	270	50	< 5	< 10	14	0.03	< 10	< 10	18	< 5	81
L14W 8+00N	201	238	< < < 1	0.01	7	390	44	< 5	< 10	15	0.03	< 10	< 10	26	< 5	62
L14W 8+30N	201	238	< < < 1	0.01	4	330	44	< 5	< 10	15	0.05	< 10	< 10	22	< 5	50
L14W 9+00N	201	238	< < < 1	0.01	9	390	26	< 5	< 10	19	0.07	< 10	< 10	36	< 5	71
L14W 9+30N	201	238	< < < 1	0.01	8	190	22	< 5	< 10	20	0.12	< 10	< 10	41	< 5	58
L14W 10+00N	201	238	< < < 1	0.01	9	600	14	< 5	< 10	22	0.18	< 10	< 10	41	< 5	89

CERTIFICATION :

*Paul Richter*



# Chemex Labs Ltd.

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Project: DAWSON

Comments: ATTN: ART TROUP CC: P. GRUNENBERG

Page No: 3-A

Tot. P.: 4

Date: 05-AUG-87

Invoice #: I-8718823

P.O. #: ACR DE1

## CERTIFICATE OF ANALYSIS A8718823

SAMPLE DESCRIPTION	PREP CODE	As ppb RUSH	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
L19W 10+50N	201 238	< 5	2.03	0.6	10	260	< 0.5	< 2	0.24	< 0.5	11	30	17	3.07	< 10	< 1	0.11	20	1.25	321
L19W 11+50N	201 238	< 5	1.67	0.2	5	170	< 0.5	2	0.21	< 0.5	10	31	13	2.58	< 10	< 1	0.08	10	1.12	263
L19W 11+50N	201 238	< 5	1.29	< 0.2	< 5	120	< 0.5	2	0.03	< 0.5	4	3	6	1.25	< 10	< 1	0.05	40	0.86	103
L19W 12+50N	201 238	< 5	1.29	0.8	20	270	< 0.5	< 2	0.09	< 0.5	5	14	16	1.70	< 10	< 1	0.07	20	0.41	136
L19W 12+50N	201 238	< 5	1.58	0.2	< 5	150	< 0.5	< 2	0.14	< 0.5	< 1	23	18	1.91	< 10	< 1	0.05	20	0.70	146
L19W 13+50N	201 238	< 5	1.90	< 0.2	25	220	< 0.5	< 2	0.23	< 0.5	10	32	17	2.55	< 10	< 1	0.07	10	0.72	256
L19W 13+50N	201 238	< 5	1.90	0.2	15	180	< 0.5	< 2	0.16	< 0.5	7	34	11	3.29	< 10	< 1	0.07	10	0.50	199
L19W 14+50N	201 238	5	1.71	0.2	10	220	< 0.5	< 2	0.37	< 0.5	8	39	17	2.28	< 10	< 1	0.07	20	0.80	245
L19W 14+50N	201 238	5	1.27	0.2	5	210	< 0.5	< 2	0.24	0.5	6	26	16	1.68	< 10	< 1	0.10	30	0.49	174
L19W 15+50N	201 238	50	1.69	0.4	5	420	< 0.5	< 2	0.29	0.5	5	28	22	1.81	< 10	< 1	0.13	40	0.47	137
L19W 15+50N	201 238	< 5	1.41	0.2	< 5	350	< 0.5	< 2	0.28	< 0.5	6	28	21	1.74	< 10	< 1	0.09	30	0.49	155
L19W 16+50N	201 238	< 5	1.52	0.2	< 5	420	< 0.5	< 2	0.27	0.5	6	26	21	1.76	< 10	< 1	0.10	30	0.45	132
L19W 16+50N	201 238	< 5	1.36	0.2	< 5	280	< 0.5	< 2	0.26	0.5	5	20	15	1.63	< 10	< 1	0.09	20	0.40	127
L19W 17+50N	201 238	< 5	1.64	< 0.2	< 5	370	< 0.5	< 2	0.22	< 0.5	6	24	16	1.96	< 10	< 1	0.09	20	0.39	112
L19W 17+50N	201 238	< 5	1.72	0.2	< 5	410	< 0.5	< 2	0.20	0.5	5	25	19	1.95	< 10	< 1	0.14	20	0.39	143
L19W 18+50N	201 238	< 5	1.28	0.2	< 5	150	< 0.5	2	0.13	< 0.5	3	5	6	1.12	< 10	< 1	0.11	60	0.99	225
L19W 0+50N	201 238	10	1.25	0.4	< 5	460	< 0.5	2	0.13	< 0.5	5	24	13	3.27	< 10	< 1	0.18	30	0.26	162
L19W 1+50N	201 238	25	1.47	0.2	< 5	380	< 0.5	< 2	0.14	< 0.5	6	25	23	2.49	< 10	< 1	0.12	30	0.35	188
L19W 1+50N	201 238	15	1.71	< 0.2	< 5	240	< 0.5	< 2	0.21	< 0.5	7	28	22	2.42	< 10	< 1	0.08	20	0.49	200
L19W 2+50N	201 238	70	1.50	0.2	< 5	270	< 0.5	< 2	0.13	< 0.5	7	25	25	2.64	< 10	< 1	0.10	20	0.46	229
L19W 2+50N	201 238	5	1.44	0.6	< 5	460	< 0.5	2	0.07	< 0.5	6	54	31	3.13	< 10	< 1	0.17	30	0.78	266
L19W 3+50N	201 238	15	1.61	0.6	< 5	430	< 0.5	2	0.08	< 0.5	5	51	17	2.10	< 10	< 1	0.11	30	0.81	165
L19W 3+50N	201 238	5	1.23	0.2	< 5	160	< 0.5	< 2	0.26	< 0.5	7	27	12	1.68	< 10	< 1	0.12	20	0.78	221
L19W 4+50N	201 238	10	1.48	0.8	< 5	400	< 0.5	< 2	0.21	0.5	6	28	20	1.52	< 10	< 1	0.12	30	0.59	162
L19W 4+50N	201 238	< 5	0.93	< 0.2	< 5	180	< 0.5	< 2	0.15	< 0.5	3	16	8	1.38	< 10	< 1	0.10	30	0.38	100
L19W 5+50N	201 238	< 5	0.54	< 0.2	< 5	70	< 0.5	< 2	0.02	< 0.5	2	2	3	0.43	< 10	< 1	0.14	50	0.18	77
L19W 5+50N	201 238	< 5	0.80	< 0.2	< 5	200	< 0.5	< 2	0.12	< 0.5	2	11	9	0.81	< 10	< 1	0.12	30	0.23	68
L19W 6+50N	201 238	< 5	0.76	< 0.2	< 5	240	< 0.5	< 2	0.14	0.5	2	11	12	0.86	< 10	< 1	0.11	20	0.20	58
L19W 6+50N	201 238	70	0.90	< 0.2	< 5	230	< 0.5	2	0.16	< 0.5	4	14	9	1.14	< 10	< 1	0.12	20	0.28	84
L19W 7+50N	201 238	< 5	0.83	< 0.2	5	220	< 0.5	< 2	0.11	< 0.5	3	10	8	0.93	< 10	< 1	0.10	20	0.22	60
L19W 7+50N	201 238	< 5	0.91	< 0.2	< 5	300	< 0.5	< 2	0.14	< 0.5	3	12	9	1.05	< 10	< 1	0.11	30	0.30	79
L19W 8+50N	201 238	< 5	1.02	< 0.2	< 5	280	< 0.5	< 2	0.13	< 0.5	3	14	13	1.38	< 10	< 1	0.12	30	0.29	103
L19W 8+50N	201 238	< 5	0.96	< 0.2	10	250	< 0.5	< 2	0.13	< 0.5	3	13	11	1.25	< 10	< 1	0.12	30	0.27	80
L19W 9+50N	201 238	< 5	1.13	0.2	< 5	250	< 0.5	< 2	0.13	< 0.5	3	15	12	1.16	< 10	< 1	0.13	30	0.24	68
L19W 9+50N	201 238	< 5	1.12	< 0.2	< 5	240	< 0.5	< 2	0.15	< 0.5	3	17	13	1.26	< 10	< 1	0.11	30	0.28	82
L19W 10+50N	201 238	< 5	1.66	0.2	< 5	310	< 0.5	< 2	0.30	< 0.5	7	27	13	1.93	< 10	< 1	0.10	20	0.68	161
L19W 10+50N	201 238	< 5	2.14	0.6	< 5	270	< 0.5	< 2	0.33	< 0.5	10	30	15	2.34	< 10	< 1	0.10	20	0.93	228
L19W 11+50N	201 238	< 5	2.11	0.2	< 5	410	< 0.5	< 2	0.45	< 0.5	9	34	22	2.38	< 10	< 1	0.08	20	0.94	224
L19W 11+50N	201 238	< 5	2.84	1.0	< 5	520	< 0.5	< 2	0.53	< 0.5	13	42	30	3.16	< 10	< 1	0.13	30	1.16	309
L19W 12+50N	201 238	< 5	1.30	< 0.2	< 5	350	< 0.5	< 2	0.19	< 0.5	4	11	10	1.30	< 10	< 1	0.08	40	0.87	142

*Handwritten signature*

CERTIFICATION :



# Chemex Labs Ltd.

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112 BROOKSBANK AVE., NORTH VANCOUVER,  
BRITISH COLUMBIA, CANADA V7J-1C1

PHONE (604) 984-0221

To: MARK MANAGEMENT LIMITED

1900 - 999 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6C 2W2

Project: DAWSON

Comments: ATTN: ART TROUP CC: P. GRUNENBERG

Page No. 3-B  
Tot. Pa. 4  
Date: 05-AUG-87  
Invoice #: I-8718823  
P.O. #: ACR DE1

## CERTIFICATE OF ANALYSIS A8718823

SAMPLE DESCRIPTION	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Se	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
L107 10+50N	201	238	< 1	0.01	9	390	16	< 5	< 10	17	0.10	< 10	< 10	46	5	84
L107 11+50N	201	238	< 1	< 0.01	12	100	10	< 5	< 10	19	0.12	< 10	< 10	50	5	61
L107 11+50N	201	238	< 1	0.01	5	80	6	< 5	< 10	4	< 0.01	< 10	< 10	4	< 5	67
L107 12+50N	201	238	< 1	< 0.01	8	100	18	< 5	< 10	10	0.03	< 10	< 10	24	< 5	49
L107 12+50N	201	238	< 1	< 0.01	8	70	16	< 5	< 10	20	0.07	< 10	< 10	37	< 5	49
L107 13+50N	201	238	< 1	0.01	12	120	8	< 5	< 10	18	0.11	< 10	< 10	37	< 5	61
L107 13+50N	201	238	< 1	0.01	9	310	18	< 5	< 10	15	0.10	< 10	< 10	65	5	56
L107 14+50N	201	238	< 1	0.01	13	540	18	< 5	< 10	21	0.09	< 10	< 10	38	5	74
L107 14+50N	201	238	< 1	0.01	7	320	82	< 5	< 10	17	0.08	10	< 10	34	< 5	77
L107 14+50N	201	238	< 1	0.01	12	360	82	< 5	< 10	22	0.07	10	< 10	36	< 5	87
L107 15+50N	201	238	< 1	0.01	9	330	22	< 5	< 10	21	0.07	10	< 10	33	< 5	59
L107 16+50N	201	238	< 1	0.01	10	300	22	< 5	< 10	22	0.06	< 10	< 10	32	< 5	55
L107 16+50N	201	238	< 1	0.01	7	280	18	< 5	< 10	22	0.08	< 10	< 10	34	5	50
L107 17+50N	201	238	< 1	0.01	9	320	18	< 5	< 10	19	0.06	< 10	< 10	38	< 5	51
L107 17+50N	201	238	< 1	0.01	8	240	20	< 5	< 10	20	0.06	10	< 10	34	< 5	58
L107 18+50N	201	238	< 1	0.01	< 1	160	20	< 5	< 10	20	0.01	10	< 10	5	< 5	71
L107 19+50N	201	238	< 1	0.03	4	560	58	< 5	< 10	39	0.06	10	< 10	35	5	48
L107 19+50N	201	238	< 1	0.01	7	500	38	< 5	< 10	22	0.05	10	< 10	30	< 5	63
L107 19+50N	201	238	< 1	0.01	8	440	10	< 5	< 10	24	0.07	< 10	< 10	38	5	64
L107 20+50N	201	238	< 1	0.02	8	610	24	< 5	< 10	32	0.06	10	< 10	32	5	64
L107 21+50N	201	238	< 1	0.03	5	700	40	< 5	< 10	35	0.06	10	< 10	23	5	89
L107 21+50N	201	238	< 1	0.01	5	500	34	< 5	< 10	20	0.03	10	< 10	21	< 5	77
L107 21+50N	201	238	< 1	0.01	4	330	52	< 5	< 10	30	0.07	10	< 10	19	< 5	105
L107 44+50N	201	238	< 1	0.01	8	400	78	< 5	< 10	25	0.05	10	< 10	21	< 5	91
L107 44+50N	201	238	< 1	0.01	3	240	26	< 5	< 10	18	0.04	< 10	< 10	16	< 5	49
L107 51+50N	201	238	< 1	< 0.01	< 1	90	18	< 5	< 10	5	< 0.01	< 10	< 10	2	< 5	41
L107 51+50N	201	238	< 1	0.01	2	230	24	< 5	< 10	15	0.03	< 10	< 10	14	< 5	35
L107 61+50N	201	238	< 1	0.01	6	300	24	< 5	< 10	16	0.02	< 10	< 10	13	< 5	30
L107 61+50N	201	238	< 1	0.01	4	370	16	< 5	< 10	16	0.03	< 10	< 10	18	< 5	41
L107 71+50N	201	238	< 1	0.01	4	260	10	< 5	< 10	12	0.03	< 10	< 10	15	< 5	32
L107 71+50N	201	238	< 1	0.01	4	280	16	< 5	< 10	14	0.04	< 10	< 10	17	< 5	44
L107 81+50N	201	238	< 1	0.01	5	340	28	< 5	< 10	13	0.04	< 10	< 10	21	< 5	48
L107 81+50N	201	238	< 1	0.01	4	300	22	< 5	< 10	14	0.04	10	< 10	22	< 5	51
L107 91+50N	201	238	< 1	0.01	3	290	26	< 5	< 10	13	0.04	10	< 10	20	< 5	42
L107 91+50N	201	238	< 1	0.01	4	320	32	< 5	< 10	14	0.04	10	< 10	21	< 5	53
L107 101+50N	201	238	< 1	0.01	11	450	35	< 5	< 10	26	0.08	< 10	< 10	34	5	85
L107 101+50N	201	238	< 1	0.01	9	410	18	< 5	< 10	24	0.10	< 10	< 10	45	< 5	79
L107 111+50N	201	238	< 1	0.01	12	460	14	< 5	< 10	33	0.09	10	< 10	46	< 5	67
L107 111+50N	201	238	< 1	0.01	14	370	14	< 5	< 10	39	0.12	10	< 10	57	5	86
L107 121+50N	201	238	< 1	0.01	4	180	8	< 5	< 10	16	0.04	10	< 10	16	< 5	55

*Hart Bickler*

CERTIFICATION: \_\_\_\_\_



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212 BROOKSBANK AVE., NORTH VANCOUVER,  
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PHONE (604) 984-0221

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Project : DAWSON

Comments : ATTN: ART TROUP CC: P. GRUNENBERG

Page No. 4-A  
Tot. Pgs. 4  
Date : 05-AUG-87  
Invoice # : I-8718823  
P.O. # : ACR DE1

## CERTIFICATE OF ANALYSIS A8718823

SAMPLE DESCRIPTION	PREP CODE		As	Al	Ag	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
			ppb RUSH	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
L1W 12+50N	201	238	< 5	1.96	0.2	< 5	420	< 0.5	4	0.25	< 0.5	6	23	13	1.98	< 10	< 1	0.11	30	0.62	158
L1W 13+00N	201	238	< 5	1.61	0.2	< 5	360	< 0.5	< 2	0.32	< 0.5	6	23	14	1.75	< 10	< 1	0.09	30	0.58	135
L1W 13+50N	201	238	< 5	1.66	0.4	< 5	480	< 0.5	2	0.40	< 0.5	8	28	22	1.96	< 10	< 1	0.10	30	0.63	200
L1W 14+00N	201	238	< 5	1.54	0.2	< 5	410	< 0.5	< 2	0.35	< 0.5	7	24	15	1.83	< 10	< 1	0.08	20	0.56	199
L1W 14+50N	201	238	< 5	1.61	< 0.2	< 5	380	< 0.5	< 2	0.36	< 0.5	7	26	19	1.95	< 10	1	0.08	20	0.59	184
L1W 15+00N	201	238	60	1.64	< 0.2	< 5	400	< 0.5	< 2	0.36	< 0.5	7	27	20	2.01	< 10	< 1	0.08	20	0.56	176

CERTIFICATION :

*Went Beckler*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

212 BROOKSBANK AVE. . NORTH VANCOUVER.  
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V6C 2W2

Project : DAWSON

Comments: ATTN: ART TROUP CC: P. GRUNENBERG

Page No. 4-B

Tot. Pgs. 4

Date : 05-AUG-87

Invoice # : 1-8718823

P.O. # : ACR DE1

## CERTIFICATE OF ANALYSIS A8718823

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L18W 12+SON	201 238	< 1	0.01	10	270	14	< 5	< 10	24	0.08	10	< 10	39	5	53
L18W 13+SON	201 238	< 1	0.02	7	310	12	< 5	< 10	29	0.09	10	< 10	38	< 5	49
L18W 13+SON	201 238	< 1	0.02	13	430	14	< 5	< 10	34	0.09	10	< 10	40	5	58
L18W 14+SON	201 238	< 1	0.01	11	440	10	< 5	< 10	29	0.08	< 10	< 10	36	< 5	50
L18W 14+SON	201 238	< 1	0.01	10	460	6	< 5	< 10	28	0.09	< 10	< 10	38	< 5	53
L18W 15+SON	201 238	< 1	0.01	13	470	6	< 5	< 10	28	0.09	< 10	< 10	37	5	53

CERTIFICATION :

*John A. Beckler*



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212 BROOKSBANK AVE., NORTH VANCOUVER,  
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To: MARK MANAGEMENT LIMITED

1900 - 999 W. HASTINGS ST.  
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V6C 2W2

Project: DAWSON

Comments: ATTN: ART TROUP CC: PERRY GRUNENBERG

Page No. 1-A

Tot. Pa. 5

Date: 13-AUG-87

Invoice #: I-8719167

P.O. #: ACR-L.S.

## CERTIFICATE OF ANALYSIS A8719167

SAMPLE DESCRIPTION	PREP CODE	Au ppb RUSH	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Cs %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L 20W 0+50N	201 238	55	1.54	0.2	10	370	< 0.5	< 2	0.16	< 0.5	6	22	101	1.95	< 10	< 1	0.13	20	0.52	205
L 20W 1+00N	201 238	30	0.71	0.4	< 5	540	< 0.5	< 2	0.06	< 0.5	2	14	75	2.55	< 10	< 1	0.24	20	0.29	109
L 20W 1+50N	201 238	20	0.94	0.4	< 5	360	< 0.5	< 2	0.09	< 0.5	3	18	52	1.95	< 10	< 1	0.15	20	0.32	125
L 20W 2+50N	201 238	20	1.22	0.2	< 5	310	0.5	< 2	0.20	< 0.5	4	25	27	1.97	< 10	< 1	0.07	20	0.34	107
L 20W 3+00N	201 238	< 5	1.00	0.2	< 5	250	< 0.5	< 2	0.20	< 0.5	4	20	32	1.63	< 10	< 1	0.06	10	0.24	89
L 20W 3+50N	201 238	40	1.22	0.6	< 5	520	< 0.5	< 2	0.09	< 0.5	3	18	117	1.30	< 10	< 1	0.11	30	0.17	68
L 20W 4+00N	201 238	15	0.72	< 0.2	< 5	140	< 0.5	< 2	0.15	< 0.5	2	15	22	1.01	< 10	< 1	0.05	10	0.17	63
L 20W 5+00N	201 238	5	0.73	< 0.2	< 5	140	< 0.5	< 2	0.19	< 0.5	2	15	22	1.20	< 10	< 1	0.05	10	0.20	72
L 20W 7+00N	201 238	25	0.81	< 0.2	< 5	140	< 0.5	< 2	0.17	< 0.5	3	14	25	1.30	< 10	< 1	0.04	10	0.21	71
L 20W 7+50N	201 238	10	0.71	< 0.2	5	110	< 0.5	< 2	0.17	< 0.5	2	12	19	1.00	< 10	< 1	0.05	10	0.18	64
L 20W 8+50N	201 238	45	0.72	< 0.2	< 5	130	< 0.5	< 2	0.14	< 0.5	2	11	21	0.97	< 10	< 1	0.05	10	0.16	54
L 20W 9+00N	201 238	< 5	0.61	< 0.2	5	130	< 0.5	< 2	0.12	< 0.5	2	9	18	0.91	< 10	< 1	0.06	20	0.15	50
L 20W 9+50N	201 238	15	0.90	< 0.2	10	180	0.5	< 2	0.12	< 0.5	4	12	21	1.48	< 10	< 1	0.11	20	0.23	137
L 20W 10+00N	201 238	5	0.99	< 0.2	10	200	< 0.5	< 2	0.13	< 0.5	5	14	20	1.88	< 10	< 1	0.09	20	0.26	130
L 20W 10+50N	201 238	5	1.01	< 0.2	10	200	< 0.5	< 2	0.16	< 0.5	4	16	19	1.55	< 10	< 1	0.09	20	0.30	95
L 20W 11+00N	201 238	10	1.27	< 0.2	5	230	< 0.5	< 2	0.20	< 0.5	5	18	17	1.57	< 10	< 1	0.10	20	0.48	111
L 20W 11+50N	201 238	< 5	1.80	< 0.2	< 5	270	0.5	< 2	0.31	< 0.5	8	25	29	2.32	< 10	< 1	0.08	20	0.78	188
L 20W 12+00N	201 238	< 5	1.69	< 0.2	< 5	290	0.5	2	0.43	0.5	10	26	74	2.26	< 10	< 1	0.07	20	0.80	300
L 20W 12+50N	201 238	< 5	1.34	0.2	10	120	< 0.5	< 2	0.28	< 0.5	8	22	32	2.14	< 10	< 1	0.06	20	0.71	202
L 20W 13+00N	201 238	< 5	1.49	0.2	20	300	0.5	< 2	0.37	< 0.5	6	23	40	2.00	< 10	< 1	0.05	20	0.67	175
L 20W 13+50N	201 238	< 5	1.45	< 0.2	5	330	< 0.5	< 2	0.38	< 0.5	7	25	24	1.93	< 10	< 1	0.07	20	0.58	176
L 20W 14+00N	201 238	< 5	1.35	< 0.2	< 5	190	< 0.5	< 2	0.23	< 0.5	5	20	18	1.70	< 10	< 1	0.07	20	0.52	140
L 20W 14+50N	201 238	< 5	1.52	< 0.2	5	290	0.5	< 2	0.33	< 0.5	7	23	15	1.92	< 10	< 1	0.06	20	0.51	152
L 20W 15+00N	201 238	< 5	1.37	< 0.2	10	260	0.5	< 2	0.33	< 0.5	6	25	15	1.95	< 10	< 1	0.08	20	0.54	176
L 20W 15+50N	201 238	< 5	1.32	< 0.2	10	230	0.5	< 2	0.34	< 0.5	7	24	14	1.90	< 10	< 1	0.06	20	0.48	176
L 20W 16+00N	201 238	< 5	1.52	< 0.2	5	270	0.5	2	0.30	< 0.5	6	25	12	2.13	< 10	< 1	0.07	20	0.48	161
L 20W 16+50N	201 238	< 5	1.67	< 0.2	10	270	0.5	< 2	0.28	< 0.5	7	27	12	2.16	< 10	< 1	0.10	20	0.47	208
L 20W 17+00N	201 238	< 5	1.18	< 0.2	10	170	0.5	< 2	0.24	< 0.5	6	17	9	1.74	< 10	< 1	0.10	20	0.36	171
L 20W 17+50N	201 238	5	1.03	< 0.2	5	150	0.5	< 2	0.15	< 0.5	6	15	8	1.54	< 10	< 1	0.13	20	0.24	239
L 20W 18+00N	201 238	< 5	1.47	< 0.2	5	180	0.5	< 2	0.17	< 0.5	7	20	9	1.96	< 10	< 1	0.09	20	0.30	221
L 22W 0+50N	201 238	< 5	1.44	< 0.2	< 5	400	0.5	< 2	0.17	< 0.5	6	20	20	1.69	< 10	< 1	0.09	30	0.42	146
L 22W 1+00N	201 238	< 5	1.52	< 0.2	5	510	0.5	< 2	0.18	< 0.5	6	20	22	1.62	< 10	< 1	0.14	40	0.43	165
L 22W 1+50N	201 238	35	1.23	< 0.2	10	540	0.5	< 2	0.15	< 0.5	5	15	17	1.25	< 10	< 1	0.14	40	0.40	143
L 22W 2+50N	201 238	< 5	1.48	< 0.2	5	510	0.5	< 2	0.27	< 0.5	6	24	16	1.99	< 10	< 1	0.09	30	0.51	150
L 22W 3+00N	201 238	< 5	1.24	< 0.2	10	480	0.5	< 2	0.20	< 0.5	4	18	13	1.80	< 10	< 1	0.08	30	0.38	121
L 22W 5+50N	201 238	< 5	0.91	< 0.2	5	230	< 0.5	< 2	0.16	< 0.5	2	15	9	1.31	< 10	< 1	0.07	20	0.21	62
L 22W 6+00N	201 238	< 5	0.83	< 0.2	10	230	< 0.5	< 2	0.15	< 0.5	2	11	8	1.13	< 10	< 1	0.09	20	0.18	58
L 22W 6+50N	201 238	10	0.90	< 0.2	5	240	0.5	< 2	0.17	< 0.5	3	13	11	1.37	< 10	< 1	0.07	20	0.23	86
L 22W 7+00N	201 238	< 5	0.82	< 0.2	5	210	< 0.5	< 2	0.16	< 0.5	3	10	8	1.07	< 10	< 1	0.07	20	0.21	61
L 22W 8+00N	201 238	< 5	0.70	< 0.2	5	220	< 0.5	< 2	0.13	< 0.5	3	9	9	0.93	< 10	< 1	0.09	20	0.22	66

CERTIFICATION :



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

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

PHONE (604) 984-0211

To: MARK MANAGEMENT LIMITED

1900 - 999 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6C 2W2

Project : DAWSON

Comments: ATTN: ART TROUP CC: PERRY GRUNENBERG

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Date : 13-AUG-87  
Invoice # : I-8719167  
P.O. # : ACR-L.S.

## CERTIFICATE OF ANALYSIS A8719167

SAMPLE DESCRIPTION	PREP CODE	Mb ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L 20W 0450N	201 238	< 1	0.01	12	460	48	< 5	< 10	17	0.06	< 10	< 10	27	< 5	101
L 20W 1400N	201 238	1	0.05	3	560	70	< 5	< 10	26	0.02	< 10	< 10	11	< 5	63
L 20W 1450N	201 238	< 1	0.02	5	460	50	< 5	< 10	19	0.03	< 10	< 10	18	< 5	56
L 20W 2450N	201 238	< 1	0.01	7	540	20	< 5	< 10	21	0.06	< 10	< 10	32	< 5	45
L 20W 3400N	201 238	< 1	0.01	7	540	18	< 5	< 10	20	0.06	< 10	< 10	23	< 5	40
L 20W 3450N	201 238	< 1	0.01	8	390	14	< 5	< 10	25	0.01	< 10	< 10	13	< 5	101
L 20W 4400N	201 238	< 1	0.01	6	310	6	< 5	< 10	16	0.05	< 10	< 10	16	< 5	29
L 20W 5400N	201 238	< 1	0.01	6	360	4	< 5	< 10	16	0.06	< 10	< 10	19	< 5	28
L 20W 7400N	201 238	< 1	0.01	6	380	16	< 5	< 10	16	0.05	< 10	< 10	21	< 5	35
L 20W 7450N	201 238	< 1	0.01	5	270	10	< 5	< 10	15	0.05	< 10	< 10	18	< 5	27
L 20W 8450N	201 238	< 1	0.01	4	290	14	< 5	< 10	14	0.04	< 10	< 10	16	< 5	27
L 20W 9400N	201 238	< 1	0.01	1	240	12	< 5	< 10	12	0.04	< 10	< 10	15	< 5	26
L 20W 9450N	201 238	< 1	< 0.01	6	330	30	< 5	< 10	12	0.04	< 10	< 10	24	< 5	47
L 20W 10400N	201 238	< 1	< 0.01	9	340	34	< 5	< 10	12	0.04	< 10	< 10	32	< 5	49
L 20W 10450N	201 238	< 1	< 0.01	8	380	32	< 5	< 10	13	0.05	< 10	< 10	25	< 5	63
L 20W 11400N	201 238	< 1	< 0.01	8	480	36	< 5	< 10	19	0.05	< 10	< 10	21	< 5	65
L 20W 11450N	201 238	< 1	0.01	8	430	16	< 5	< 10	23	0.10	< 10	< 10	43	< 5	75
L 20W 12400N	201 238	< 1	0.01	12	570	6	< 5	< 10	33	0.08	< 10	< 10	41	< 5	87
L 20W 12450N	201 238	< 1	0.01	12	590	4	< 5	< 10	21	0.08	< 10	< 10	39	< 5	67
L 20W 13400N	201 238	< 1	0.01	12	510	10	< 5	< 10	28	0.09	< 10	< 10	35	< 5	65
L 20W 13450N	201 238	< 1	0.01	8	480	< 2	< 5	< 10	28	0.09	< 10	< 10	38	< 5	54
L 20W 14400N	201 238	< 1	0.01	9	420	12	< 5	< 10	19	0.07	< 10	< 10	34	< 5	52
L 20W 14450N	201 238	< 1	0.01	13	420	20	< 5	< 10	28	0.08	< 10	< 10	37	< 5	51
L 20W 15400N	201 238	< 1	0.01	12	500	12	< 5	< 10	25	0.10	< 10	< 10	37	< 5	54
L 20W 15450N	201 238	< 1	0.01	11	590	10	< 5	< 10	24	0.09	< 10	< 10	36	< 5	51
L 20W 16400N	201 238	< 1	0.01	11	480	14	< 5	< 10	25	0.10	< 10	< 10	47	< 5	53
L 20W 16450N	201 238	< 1	0.01	11	350	14	< 5	< 10	24	0.10	< 10	< 10	45	< 5	58
L 20W 17400N	201 238	< 1	0.01	7	420	12	< 5	< 10	20	0.08	< 10	< 10	36	< 5	48
L 20W 17450N	201 238	< 1	< 0.01	5	260	18	< 5	< 10	13	0.06	< 10	< 10	29	< 5	36
L 20W 18400N	201 238	< 1	0.01	8	320	18	< 5	< 10	15	0.08	< 10	< 10	42	< 5	41
L 22W 0450N	201 238	< 1	0.01	9	300	22	< 5	< 10	17	0.06	10	< 10	31	< 5	49
L 22W 1400N	201 238	< 1	0.01	10	320	24	< 5	< 10	20	0.06	10	< 10	28	< 5	59
L 22W 1450N	201 238	< 1	< 0.01	9	230	38	< 5	< 10	17	0.05	10	< 10	20	< 5	53
L 22W 2450N	201 238	< 1	0.01	16	470	22	< 5	< 10	26	0.08	< 10	< 10	39	< 5	64
L 22W 3400N	201 238	< 1	0.01	10	450	24	< 5	< 10	20	0.07	10	< 10	35	< 5	57
L 22W 5450N	201 238	< 1	0.01	6	370	20	< 5	< 10	17	0.05	< 10	< 10	17	< 5	25
L 22W 6400N	201 238	< 1	0.01	4	350	12	< 5	< 10	16	0.04	< 10	< 10	14	< 5	26
L 22W 6450N	201 238	< 1	0.01	7	370	12	< 5	< 10	17	0.05	< 10	< 10	23	< 5	29
L 22W 7400N	201 238	< 1	0.01	5	320	6	< 5	< 10	16	0.04	< 10	< 10	15	< 5	26
L 22W 8400N	201 238	< 1	0.01	5	300	12	< 5	< 10	15	0.03	< 10	< 10	14	< 5	29

CERTIFICATION :



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212 BROOKSBANK AVE., NORTH VANCOUVER,  
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PHONE (604) 984-0221

To: MARK MANAGEMENT LIMITED

1900 - 999 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6C 2W2

Project : DAWSON

Comments: ATTN: ART TROUP CC: PERRY GRUNENBERG

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Tot. Pa. 5

Date : 13-AUG-87

Invoice #: I-8719167

P.O. #: ACR-L.S.

## CERTIFICATE OF ANALYSIS A8719167

SAMPLE DESCRIPTION	PREP CODE	As ppb RUSH	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Cu %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L 22W 10450N	201 238	25	0.67	< 0.2	< 5	260	< 0.5	< 2	0.09	< 0.5	1	7	10	0.83	< 10	< 1	0.11	30	0.16	43
L 22W 11400N	201 238	< 5	0.69	< 0.2	10	200	< 0.5	< 2	0.09	< 0.5	2	8	10	0.85	< 10	< 1	0.13	30	0.18	52
L 22W 11450N	201 238	15	0.59	< 0.2	5	150	< 0.5	< 2	0.06	< 0.5	2	9	8	0.92	< 10	1	0.12	20	0.18	81
L 22W 12450N	201 238	< 5	1.86	< 0.2	< 5	160	< 0.5	< 2	0.23	< 0.5	6	11	9	1.63	< 10	< 1	0.04	40	1.51	132
L 22W 13400N	201 238	5	1.94	< 0.2	10	200	0.5	< 2	0.23	< 0.5	7	20	12	2.23	< 10	< 1	0.07	20	1.21	157
L 22W 13450N	201 238	< 5	2.01	< 0.2	5	250	0.5	< 2	0.44	< 0.5	10	23	16	2.58	< 10	< 1	0.07	20	1.09	228
L 22W 14400N	201 238	5	1.61	< 0.2	< 5	180	0.5	< 2	0.20	< 0.5	7	23	12	1.91	< 10	< 1	0.06	20	0.87	144
L 22W 14450N	201 238	< 5	1.71	< 0.2	10	220	0.5	< 2	0.44	< 0.5	9	49	26	2.69	< 10	< 1	0.05	20	0.99	218
L 22W 15400N	201 238	< 5	1.41	< 0.2	< 5	180	0.5	< 2	0.21	< 0.5	5	31	14	2.01	< 10	< 1	0.09	10	0.56	147
L 22W 15450N	201 238	< 5	1.38	< 0.2	5	260	0.5	< 2	0.24	< 0.5	6	31	15	1.89	< 10	< 1	0.09	20	0.56	158
L 22W 16450N	201 238	< 5	0.53	< 0.2	5	100	< 0.5	< 2	0.08	0.5	2	6	6	0.76	< 10	< 1	0.10	20	0.15	63
L 22W 17400N	201 238	< 5	0.85	< 0.2	10	190	0.5	< 2	0.13	< 0.5	3	11	10	1.10	< 10	< 1	0.14	40	0.21	92
L 24W 0450N	201 238	< 5	1.62	< 0.2	< 5	440	0.5	< 2	0.21	< 0.5	6	24	18	1.97	< 10	< 1	0.07	20	0.41	156
L 24W 1400N	201 238	< 5	1.78	< 0.2	5	550	0.5	< 2	0.20	< 0.5	6	23	23	1.85	< 10	1	0.09	30	0.38	143
L 24W 1450N	201 238	< 5	1.88	< 0.2	< 5	710	0.5	< 2	0.26	0.5	7	26	27	2.32	< 10	< 1	0.10	30	0.41	169
L 24W 2400N	201 238	< 5	1.66	< 0.2	< 5	510	0.5	< 2	0.21	0.5	5	23	22	2.07	< 10	< 1	0.09	20	0.36	102
L 24W 2450N	201 238	< 5	1.24	< 0.2	10	360	0.5	< 2	0.21	< 0.5	5	16	21	1.83	< 10	< 1	0.08	30	0.41	140
L 24W 3400N	201 238	< 5	1.06	< 0.2	15	310	0.5	< 2	0.16	< 0.5	3	13	20	1.44	< 10	1	0.07	30	0.28	93
L 24W 3450N	201 238	< 5	1.23	< 0.2	5	590	0.5	< 2	0.18	< 0.5	5	17	15	1.63	< 10	< 1	0.07	30	0.43	152
L 24W 4400N	201 238	< 5	0.84	< 0.2	< 5	360	< 0.5	2	0.15	< 0.5	3	12	12	1.16	< 10	< 1	0.06	20	0.26	87
L 24W 4450N	201 238	< 5	1.06	< 0.2	5	230	0.5	< 2	0.16	< 0.5	3	17	17	1.36	< 10	< 1	0.08	20	0.24	74
L 24W 5400N	201 238	< 5	0.95	< 0.2	< 5	200	< 0.5	< 2	0.15	< 0.5	3	13	13	1.16	< 10	< 1	0.07	20	0.25	66
L 24W 5450N	201 238	< 5	0.94	< 0.2	< 5	170	< 0.5	< 2	0.14	< 0.5	3	10	20	1.03	< 10	< 1	0.07	30	0.27	66
L 24W 6400N	201 238	< 5	1.28	< 0.2	< 5	210	0.5	< 2	0.17	< 0.5	5	18	12	1.76	< 10	< 1	0.11	30	0.43	107
L 24W 6450N	201 238	60	1.00	< 0.2	< 5	150	< 0.5	< 2	0.13	< 0.5	3	13	10	1.47	< 10	< 1	0.07	20	0.31	81
L 24W 7400N	201 238	10	0.81	< 0.2	5	180	< 0.5	< 2	0.14	< 0.5	3	12	12	1.23	< 10	< 1	0.07	20	0.25	86
L 24W 7450N	201 238	< 5	1.09	< 0.2	< 5	220	< 0.5	< 2	0.15	< 0.5	3	16	12	1.48	< 10	< 1	0.08	20	0.31	77
L 24W 8400N	201 238	< 5	1.29	< 0.2	< 5	190	< 0.5	< 2	0.15	< 0.5	4	16	14	1.65	< 10	< 1	0.08	20	0.35	102
L 24W 8450N	201 238	< 5	0.83	< 0.2	5	130	< 0.5	< 2	0.13	< 0.5	3	9	8	1.24	< 10	< 1	0.09	20	0.29	100
L 24W 9400N	201 238	< 5	1.07	< 0.2	15	270	< 0.5	< 2	0.14	< 0.5	4	15	17	1.39	< 10	< 1	0.11	20	0.30	88
L 24W 9450N	201 238	25	0.95	< 0.2	< 5	220	< 0.5	< 2	0.11	< 0.5	3	12	13	1.37	< 10	< 1	0.10	30	0.29	86
L 24W 10400N	201 238	< 5	0.83	< 0.2	< 5	280	< 0.5	< 2	0.11	< 0.5	3	10	10	1.11	< 10	< 1	0.11	30	0.26	68
L 24W 10450N	201 238	< 5	1.09	< 0.2	< 5	250	< 0.5	< 2	0.11	< 0.5	3	12	10	1.37	< 10	< 1	0.10	30	0.29	85
L 24W 11400N	201 238	< 5	1.23	< 0.2	5	280	< 0.5	< 2	0.14	< 0.5	5	19	18	1.73	< 10	< 1	0.12	30	0.37	148
L 24W 11450N	201 238	< 5	1.10	< 0.2	15	210	0.5	< 2	0.28	< 0.5	7	26	20	2.10	< 10	1	0.11	20	0.53	262
L 24W 12400N	201 238	< 5	1.28	< 0.2	5	210	< 0.5	< 2	0.20	< 0.5	6	20	12	1.75	< 10	< 1	0.07	20	0.67	176
L 24W 12450N	201 238	< 5	1.79	< 0.2	< 5	230	< 0.5	< 2	0.43	< 0.5	10	23	21	2.57	< 10	< 1	0.07	10	0.90	281
L 24W 13400N	201 238	< 5	1.36	< 0.2	5	190	< 0.5	< 2	0.16	< 0.5	6	23	13	1.88	< 10	< 1	0.06	20	0.62	171
L 24W 13450N	201 238	< 5	1.91	< 0.2	< 5	230	< 0.5	< 2	0.25	< 0.5	10	29	17	2.71	< 10	< 1	0.08	20	1.08	247
L 24W 14400N	201 238	< 5	1.77	< 0.2	< 5	220	0.5	< 2	0.36	< 0.5	10	30	21	2.66	< 10	< 1	0.06	20	1.24	248

CERTIFICATION :



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

PHONE (604) 984-0221

To: MARK MANAGEMENT LIMITED

1900 - 999 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6C 2W2

Project: DAWSON

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## CERTIFICATE OF ANALYSIS A8719167

SAMPLE DESCRIPTION	PREP CODE	Mb ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L 22W 10+50N	201 238	< 1	< 0.01	3	260	30	< 5	< 10	12	0.02	< 10	< 10	9	< 5	27
L 22W 11+00N	201 238	< 1	< 0.01	2	200	22	< 5	< 10	10	0.02	< 10	< 10	12	< 5	35
L 22W 11+50N	201 238	< 1	< 0.01	3	200	12	< 5	< 10	7	0.02	< 10	< 10	11	< 5	32
L 22W 12+50N	201 238	< 1	< 0.01	5	310	12	< 5	< 10	29	0.06	< 10	< 10	10	< 5	80
L 22W 13+00N	201 238	< 1	< 0.01	11	400	14	< 5	< 10	25	0.08	< 10	< 10	31	< 5	72
L 22W 13+50N	201 238	< 1	< 0.01	13	660	14	< 5	< 10	32	0.17	< 10	< 10	39	< 5	79
L 22W 14+00N	201 238	< 1	< 0.01	8	230	10	< 5	< 10	18	0.08	< 10	< 10	28	< 5	58
L 22W 14+50N	201 238	< 1	< 0.01	18	550	6	< 5	< 10	41	0.15	< 10	< 10	35	< 5	74
L 22W 15+00N	201 238	< 1	< 0.01	11	390	12	< 5	< 10	15	0.07	< 10	< 10	34	< 5	50
L 22W 15+50N	201 238	< 1	0.01	14	290	14	< 5	< 10	19	0.08	< 10	< 10	31	< 5	51
L 22W 16+50N	201 238	< 1	< 0.01	1	130	12	< 5	< 10	8	0.02	< 10	< 10	9	< 5	25
L 22W 17+00N	201 238	< 1	< 0.01	5	220	22	< 5	< 10	12	0.02	< 10	< 10	14	< 5	36
L 24W 0+50N	201 238	< 1	0.01	13	180	16	< 5	< 10	21	0.08	< 10	< 10	38	< 5	42
L 24W 1+00N	201 238	< 1	0.01	11	300	24	< 5	< 10	22	0.08	< 10	< 10	33	< 5	45
L 24W 1+50N	201 238	< 1	0.01	16	530	28	< 5	< 10	28	0.08	< 10	< 10	39	< 5	54
L 24W 2+00N	201 238	< 1	0.01	11	450	24	< 5	< 10	22	0.07	< 10	< 10	36	< 5	47
L 24W 2+50N	201 238	< 1	0.01	9	420	58	< 5	< 10	24	0.06	< 10	< 10	29	< 5	65
L 24W 3+00N	201 238	< 1	0.01	8	380	54	< 5	< 10	19	0.05	< 10	< 10	25	< 5	49
L 24W 3+50N	201 238	< 1	0.01	8	380	38	< 5	< 10	21	0.06	< 10	< 10	24	< 5	64
L 24W 4+00N	201 238	< 1	0.01	7	360	12	< 5	< 10	15	0.04	< 10	< 10	20	< 5	37
L 24W 4+50N	201 238	< 1	0.01	8	370	28	< 5	< 10	17	0.05	< 10	< 10	24	< 5	34
L 24W 5+00N	201 238	< 1	0.01	7	380	16	< 5	< 10	17	0.04	< 10	< 10	18	< 5	33
L 24W 5+50N	201 238	< 1	0.01	4	300	18	< 5	< 10	14	0.04	< 10	< 10	16	< 5	32
L 24W 6+00N	201 238	< 1	0.01	10	370	24	< 5	< 10	17	0.06	< 10	< 10	31	< 5	49
L 24W 6+50N	201 238	< 1	< 0.01	6	310	18	< 5	< 10	13	0.04	< 10	< 10	21	< 5	36
L 24W 7+00N	201 238	< 1	< 0.01	9	380	14	< 5	< 10	15	0.03	< 10	< 10	16	< 5	31
L 24W 7+50N	201 238	< 1	< 0.01	7	340	18	< 5	< 10	18	0.04	< 10	< 10	20	< 5	34
L 24W 8+00N	201 238	< 1	0.01	7	250	34	< 5	< 10	17	0.06	< 10	< 10	26	< 5	41
L 24W 8+50N	201 238	< 1	< 0.01	4	250	22	< 5	< 10	14	0.04	< 10	< 10	25	< 5	49
L 24W 9+00N	201 238	< 1	0.01	7	390	34	< 5	< 10	17	0.04	< 10	< 10	19	< 5	45
L 24W 9+50N	201 238	< 1	< 0.01	6	290	36	< 5	< 10	13	0.04	< 10	< 10	23	< 5	43
L 24W 10+00N	201 238	< 1	< 0.01	7	230	24	< 5	< 10	13	0.03	< 10	< 10	19	< 5	38
L 24W 10+50N	201 238	< 1	< 0.01	6	190	14	< 5	< 10	12	0.04	< 10	< 10	24	< 5	42
L 24W 11+00N	201 238	< 1	< 0.01	7	330	30	< 5	< 10	14	0.05	< 10	< 10	28	< 5	52
L 24W 11+50N	201 238	< 1	< 0.01	8	680	22	< 5	< 10	19	0.09	< 10	< 10	24	< 5	70
L 24W 12+00N	201 238	< 1	< 0.01	8	310	26	< 5	< 10	17	0.07	< 10	< 10	26	< 5	59
L 24W 12+50N	201 238	< 1	< 0.01	11	860	6	< 5	< 10	28	0.14	< 10	< 10	36	< 5	80
L 24W 13+00N	201 238	< 1	< 0.01	12	200	18	< 5	< 10	15	0.07	< 10	< 10	31	< 5	56
L 24W 13+50N	201 238	< 1	< 0.01	13	380	20	< 5	< 10	20	0.10	< 10	< 10	41	< 5	75
L 24W 14+00N	201 238	< 1	< 0.01	15	640	10	< 5	< 10	23	0.14	< 10	< 10	39	< 5	76

CERTIFICATION :



# 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

1900 - 999 W. HASTINGS ST.  
 VANCOUVER, B.C.  
 V6C 2W2

Project: DAWSON

Comments: ATTN: ART TROUP CC: PERRY GRUNENBERG

Page No. 1-A

Tot. Pgs. 1

Date: 13-AUG-87

Invoice #: I-8719167

P.O. #: ACR-L.S.

## CERTIFICATE OF ANALYSIS A8719167

SAMPLE DESCRIPTION	PREF CODE	As ppb RUSH	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
L 20W 14+50N	201 238	< 5	1.79	< 0.2	< 5	170	< 0.5	< 2	0.34	< 0.5	10	28	18	2.57	< 10	< 1	0.07	20	1.15	239
L 20W 15+50N	201 238	< 5	1.56	< 0.2	< 5	220	< 0.5	< 2	0.43	< 0.5	9	44	21	2.37	< 10	< 1	0.05	20	0.97	229
L 20W 04+50N	201 238	< 5	1.25	< 0.2	5	140	< 0.5	< 2	0.20	< 0.5	4	16	11	1.46	< 10	< 1	0.04	20	0.44	125
L 20W 1+50N	201 238	< 5	1.31	< 0.2	10	240	< 0.5	< 2	0.15	< 0.5	5	18	15	1.62	< 10	< 1	0.04	30	0.40	119
L 20W 14+50N	201 238	< 5	1.44	< 0.2	< 5	360	< 0.5	< 2	0.16	< 0.5	5	18	16	1.54	< 10	< 1	0.08	30	0.32	89
L 20W 24+50N	201 238	< 5	1.85	< 0.2	< 5	450	< 0.5	< 2	0.19	< 0.5	5	22	19	1.91	< 10	< 1	0.10	30	0.37	112
L 20W 24+50N	201 238	< 5	1.75	< 0.2	< 5	490	< 0.5	< 2	0.23	< 0.5	6	25	16	1.83	< 10	< 1	0.09	30	0.41	134
L 20W 34+50N	201 238	< 5	1.50	< 0.2	10	390	< 0.5	< 2	0.21	< 0.5	5	22	14	1.58	< 10	< 1	0.07	30	0.35	108
L 20W 34+50N	201 238	< 5	1.22	< 0.2	5	260	< 0.5	< 2	0.18	< 0.5	4	17	11	1.42	< 10	< 1	0.06	20	0.26	77
L 20W 4+50N	201 238	< 5	0.91	< 0.2	< 5	200	< 0.5	< 2	0.18	< 0.5	2	14	10	0.98	< 10	< 1	0.05	20	0.20	67
L 20W 44+50N	201 238	< 5	1.16	< 0.2	10	240	< 0.5	< 2	0.18	< 0.5	4	18	11	1.45	< 10	< 1	0.07	20	0.26	74
L 20W 54+50N	201 238	< 5	1.19	< 0.2	< 5	220	< 0.5	< 2	0.18	< 0.5	4	15	10	1.65	< 10	< 1	0.08	20	0.31	81
L 20W 54+50N	201 238	< 5	1.10	< 0.2	10	190	< 0.5	< 2	0.18	< 0.5	3	15	9	1.23	< 10	< 1	0.07	30	0.30	77
L 20W 64+50N	201 238	< 5	1.37	< 0.2	10	240	< 0.5	2	0.16	< 0.5	6	19	14	1.95	< 10	< 1	0.08	30	0.30	117
L 20W 64+50N	201 238	80	1.20	< 0.2	5	170	< 0.5	2	0.15	< 0.5	5	15	10	1.78	< 10	< 1	0.08	20	0.33	160
L 20W 74+50N	201 238	25	1.15	< 0.2	< 5	220	< 0.5	< 2	0.16	< 0.5	4	15	12	1.67	< 10	< 1	0.07	20	0.32	102
L 20W 74+50N	201 238	< 5	1.02	< 0.2	< 5	190	< 0.5	< 2	0.16	< 0.5	4	15	10	1.43	< 10	< 1	0.08	30	0.31	96
L 20W 84+50N	201 238	< 5	1.40	< 0.2	< 5	310	< 0.5	< 2	0.18	< 0.5	5	19	23	2.07	< 10	< 1	0.08	20	0.35	100
L 20W 84+50N	201 238	< 5	1.22	< 0.2	10	290	< 0.5	< 2	0.17	< 0.5	4	16	15	1.62	< 10	< 1	0.09	20	0.33	83
L 20W 94+50N	201 238	< 5	1.18	< 0.2	5	240	< 0.5	< 2	0.16	< 0.5	4	15	15	1.65	< 10	< 1	0.11	20	0.34	103
L 20W 94+50N	201 238	< 5	1.16	< 0.2	< 5	220	< 0.5	< 2	0.17	< 0.5	3	15	15	1.72	< 10	< 1	0.12	30	0.38	157
L 20W 104+50N	201 238	< 5	1.04	< 0.2	< 5	290	< 0.5	< 2	0.13	< 0.5	3	14	13	1.54	< 10	< 1	0.12	30	0.26	122
L 20W 104+50N	201 238	< 5	0.75	< 0.2	< 5	100	< 0.5	< 2	0.08	< 0.5	2	9	8	2.09	< 10	< 1	0.09	20	0.14	126
L 20W 114+50N	201 238	< 5	1.10	< 0.2	< 5	220	< 0.5	< 2	0.09	< 0.5	2	12	11	1.48	< 10	< 1	0.11	30	0.24	91
L 20W 114+50N	201 238	< 5	1.79	< 0.2	< 5	290	< 0.5	< 2	0.18	< 0.5	6	37	15	2.90	< 10	< 1	0.06	10	0.53	201
L 20W 124+50N	201 238	< 5	1.70	< 0.2	< 5	260	< 0.5	< 2	0.27	< 0.5	6	30	16	2.30	< 10	< 1	0.08	20	0.57	192
L 20W 124+50N	201 238	< 5	1.53	< 0.2	< 5	250	< 0.5	< 2	0.27	< 0.5	5	24	12	2.18	< 10	< 1	0.11	20	0.60	140
L 20W 134+50N	201 238	< 5	1.55	< 0.2	< 5	260	< 0.5	< 2	0.46	< 0.5	7	25	22	2.08	< 10	< 1	0.08	20	0.76	200
L 20W 134+50N	201 238	< 5	1.95	< 0.2	5	300	< 0.5	< 2	0.38	< 0.5	8	29	24	2.51	< 10	< 1	0.08	20	0.74	210
L 20W 144+50N	201 238	< 5	1.53	< 0.2	5	240	< 0.5	< 2	0.32	< 0.5	7	23	18	1.96	< 10	< 1	0.06	20	0.63	168
L 20W 144+50N	201 238	< 5	1.44	< 0.2	< 5	200	< 0.5	< 2	0.27	< 0.5	4	22	14	1.82	< 10	< 1	0.06	20	0.72	179
L 20W 154+50N	201 238	< 5	1.74	< 0.2	5	260	< 0.5	< 2	0.32	< 0.5	7	22	18	2.36	< 10	< 1	0.08	20	0.82	209
L 28W 04+50N	201 238	50	1.44	< 0.2	65	230	< 0.5	< 2	0.39	< 0.5	9	21	12	2.18	< 10	< 1	0.11	20	0.61	222
L 28W 1+50N	201 238	< 5	1.99	< 0.2	10	250	< 0.5	< 2	0.24	< 0.5	7	32	19	2.69	< 10	< 1	0.08	20	0.57	232
L 28W 14+50N	201 238	< 5	1.23	< 0.2	< 5	180	< 0.5	< 2	0.29	< 0.5	3	21	11	1.56	< 10	< 1	0.06	20	0.61	186
L 28W 24+50N	201 238	< 5	1.73	< 0.2	< 5	210	< 0.5	< 2	0.16	< 0.5	2	20	13	2.06	< 10	< 1	0.07	10	0.37	195
L 28W 24+50N	201 238	< 5	1.71	< 0.2	< 5	210	< 0.5	< 2	0.26	< 0.5	3	24	15	1.99	< 10	< 1	0.07	20	0.56	160
L 28W 34+50N	201 238	< 5	1.27	< 0.2	< 5	180	< 0.5	< 2	0.26	< 0.5	4	23	12	1.24	< 10	< 1	0.04	20	0.67	124
L 28W 34+50N	201 238	< 5	1.88	< 0.2	< 5	370	< 0.5	< 2	0.27	< 0.5	7	30	16	2.07	< 10	< 1	0.06	30	0.56	159
L 28W 44+50N	201 238	< 5	1.85	< 0.2	10	330	< 0.5	< 2	0.24	< 0.5	6	28	13	2.13	< 10	< 1	0.06	20	0.51	154

CERTIFICATION:



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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

PHONE (604) 984-0221

To: MARK MANAGEMENT LIMITED

1900 - 999 W. HASTINGS ST.

VANCOUVER, B.C.

V6C 2W2

Project: DAWSON

Comments: ATTN: ART TROUP CC: PERRY GRUNENBERG

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Tot. Pag

Date: 13-AUG-87

Invoice #: I-8719167

P.O. #: ACR-L.S.

## CERTIFICATE OF ANALYSIS A8719167

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L 20W 14+50N	201 238	< 1	0.01	13	590	4	< 5	< 10	21	0.13	< 10	< 10	40	< 5	73
L 20W 15+00N	201 238	< 1	< 0.01	16	690	< 2	< 5	< 10	28	0.11	< 10	< 10	37	< 5	67
L 20W 04+50N	201 238	< 1	0.01	10	100	8	< 5	< 10	22	0.07	< 10	< 10	27	< 5	37
L 20W 14+00N	201 238	< 1	< 0.01	9	130	18	< 5	< 10	16	0.06	< 10	< 10	32	< 5	35
L 20W 14+50N	201 238	< 1	0.01	9	220	26	< 5	< 10	17	0.06	10	< 10	27	< 5	33
L 20W 24+00N	201 238	< 1	0.01	12	290	24	< 5	< 10	21	0.08	< 10	< 10	33	< 5	44
L 20W 24+50N	201 238	< 1	0.01	12	360	12	< 5	< 10	24	0.08	10	< 10	31	< 5	44
L 20W 34+00N	201 238	< 1	0.01	9	350	22	< 5	< 10	22	0.08	10	< 10	31	< 5	39
L 20W 34+50N	201 238	< 1	0.01	8	380	14	< 5	< 10	18	0.06	< 10	< 10	25	< 5	34
L 20W 44+00N	201 238	< 1	0.01	7	270	12	< 5	< 10	18	0.06	< 10	< 10	19	< 5	27
L 20W 44+50N	201 238	< 1	0.01	9	410	10	< 5	< 10	18	0.06	< 10	< 10	26	< 5	34
L 20W 54+00N	201 238	< 1	0.01	8	430	16	< 5	< 10	18	0.06	< 10	< 10	29	< 5	42
L 20W 54+50N	201 238	< 1	0.01	7	320	10	< 5	< 10	17	0.06	< 10	< 10	23	< 5	46
L 20W 64+00N	201 238	< 1	0.01	10	380	16	< 5	< 10	16	0.05	< 10	< 10	32	< 5	73
L 20W 64+50N	201 238	< 1	< 0.01	10	280	16	< 5	< 10	15	0.05	< 10	< 10	34	< 5	64
L 20W 74+00N	201 238	< 1	< 0.01	6	320	14	< 5	< 10	15	0.05	< 10	< 10	28	< 5	53
L 20W 74+50N	201 238	< 1	< 0.01	8	320	18	< 5	< 10	16	0.05	10	< 10	27	< 5	45
L 20W 84+00N	201 238	< 1	0.01	9	420	60	< 5	< 10	18	0.05	< 10	< 10	32	< 5	51
L 20W 84+50N	201 238	< 1	0.01	7	330	28	< 5	< 10	17	0.05	< 10	< 10	25	< 5	48
L 20W 94+00N	201 238	< 1	< 0.01	7	320	28	< 5	< 10	16	0.05	< 10	< 10	29	< 5	52
L 20W 94+50N	201 238	< 1	< 0.01	8	260	22	< 5	< 10	17	0.06	< 10	< 10	29	< 5	57
L 20W 10+00N	201 238	< 1	< 0.01	7	290	18	< 5	< 10	16	0.04	< 10	< 10	32	< 5	39
L 20W 10+50N	201 238	< 1	< 0.01	4	260	16	< 5	< 10	8	0.05	< 10	< 10	44	< 5	28
L 20W 11+00N	201 238	< 1	< 0.01	5	140	26	< 5	< 10	10	0.04	< 10	< 10	25	< 5	36
L 20W 11+50N	201 238	< 1	< 0.01	15	210	12	< 5	< 10	16	0.10	< 10	< 10	54	< 5	71
L 20W 12+00N	201 238	< 1	< 0.01	12	140	8	< 5	< 10	23	0.12	< 10	< 10	41	< 5	58
L 20W 12+50N	201 238	< 1	< 0.01	11	230	8	< 5	< 10	20	0.17	< 10	< 10	48	< 5	45
L 20W 13+00N	201 238	< 1	0.01	14	480	6	< 5	< 10	33	0.15	< 10	< 10	37	< 5	60
L 20W 13+50N	201 238	< 1	0.01	17	380	10	< 5	< 10	28	0.14	< 10	< 10	46	< 5	68
L 20W 14+00N	201 238	< 1	0.01	13	370	4	< 5	< 10	24	0.10	< 10	< 10	36	< 5	54
L 20W 14+50N	201 238	< 1	< 0.01	14	360	12	< 5	< 10	22	0.09	< 10	< 10	31	< 5	61
L 20W 15+00N	201 238	< 1	0.01	12	430	14	< 5	< 10	25	0.11	< 10	< 10	39	< 5	72
L 20W 04+50N	201 238	< 1	0.01	11	340	6	< 5	< 10	36	0.17	< 10	< 10	35	< 5	46
L 20W 14+00N	201 238	< 1	0.01	14	170	6	< 5	< 10	24	0.09	< 10	< 10	51	< 5	52
L 20W 14+50N	201 238	< 1	< 0.01	9	230	10	< 5	< 10	27	0.08	< 10	< 10	29	< 5	39
L 20W 24+00N	201 238	< 1	0.01	9	230	12	< 5	< 10	19	0.09	< 10	< 10	43	< 5	35
L 20W 24+50N	201 238	< 1	0.01	11	240	12	< 5	< 10	25	0.09	< 10	< 10	39	< 5	45
L 20W 34+00N	201 238	< 1	< 0.01	12	200	12	< 5	< 10	28	0.07	< 10	< 10	22	< 5	40
L 20W 34+50N	201 238	< 1	0.01	16	410	10	< 5	< 10	25	0.09	< 10	< 10	37	< 5	50
L 20W 44+00N	201 238	< 1	0.01	14	470	16	< 5	< 10	25	0.09	< 10	< 10	38	< 5	47

CERTIFICATION :

*BC*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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

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1900 - 999 W. HASTINGS ST.  
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Page No. 1-A

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Date : 13-AUG-87

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P.O. #: ACR-L.S.

## CERTIFICATE OF ANALYSIS A8719167

SAMPLE DESCRIPTION	PREP CODE	Au ppb RUSH	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
L 28W 5400N	201 238	< 5	1.18	< 0.2	< 5	150	< 0.5	< 2	0.20	< 0.5	3	19	9	1.54	< 10	< 1	0.07	20	0.37	98
L 28W 5150N	201 238	< 5	1.33	< 0.2	< 5	220	< 0.5	< 2	0.21	< 0.5	3	20	12	1.89	< 10	< 1	0.10	20	0.38	132
L 28W 6150N	201 238	< 5	1.10	< 0.2	< 5	250	< 0.5	< 2	0.16	< 0.5	3	12	10	1.22	< 10	< 1	0.10	20	0.28	87
L 28W 7400N	201 238	350	1.00	< 0.2	< 5	230	< 0.5	< 2	0.09	< 0.5	2	9	9	1.38	< 10	< 1	0.10	40	0.33	76
L 28W 7450N	201 238	< 5	1.34	< 0.2	5	190	< 0.5	< 2	0.13	< 0.5	3	15	8	2.01	< 10	< 1	0.06	20	0.31	126
L 28W 8400N	201 238	25	1.15	< 0.2	5	200	< 0.5	< 2	0.19	< 0.5	3	15	11	1.72	< 10	< 1	0.08	30	0.33	122
L 28W 8450N	201 238	< 5	1.43	< 0.2	< 5	270	< 0.5	< 2	0.17	< 0.5	3	18	15	1.93	< 10	< 1	0.10	30	0.34	129
L 28W 9400N	201 238	< 5	1.00	< 0.2	< 5	170	< 0.5	< 2	0.11	< 0.5	3	12	11	1.53	< 10	< 1	0.12	30	0.32	127
L 28W 9450N	201 238	< 5	1.23	< 0.2	< 5	390	< 0.5	< 2	0.16	< 0.5	4	15	14	1.56	< 10	< 1	0.10	30	0.33	119
L 28W 10400N	201 238	< 5	1.12	< 0.2	< 5	310	< 0.5	< 2	0.16	< 0.5	4	14	10	1.45	< 10	< 1	0.08	30	0.32	104
L 28W 10450N	201 238	< 5	1.36	< 0.2	< 5	260	< 0.5	< 2	0.12	< 0.5	2	12	13	1.36	< 10	< 1	0.11	20	0.23	87
L 28W 11400N	201 238	< 5	1.02	< 0.2	< 5	270	< 0.5	< 2	0.16	< 0.5	3	14	13	1.40	< 10	< 1	0.09	30	0.26	95
L 28W 11450N	201 238	< 5	1.09	< 0.2	5	330	< 0.5	< 2	0.21	< 0.5	4	18	12	1.45	< 10	< 1	0.09	30	0.33	115
L 28W 12400N	201 238	< 5	1.38	< 0.2	< 5	360	< 0.5	< 2	0.23	< 0.5	3	21	16	1.72	< 10	< 1	0.12	30	0.36	141
L 28W 12450N	201 238	< 5	1.28	< 0.2	< 5	310	< 0.5	< 2	0.33	< 0.5	6	26	19	1.82	< 10	< 1	0.08	30	0.47	160
L 28W 13400N	201 238	< 5	1.66	< 0.2	5	240	< 0.5	< 2	0.28	< 0.5	7	25	15	2.09	< 10	< 1	0.08	20	0.51	183
L 28W 13450N	201 238	< 5	1.62	< 0.2	5	280	< 0.5	< 2	0.40	< 0.5	8	27	20	2.21	< 10	< 1	0.07	20	0.65	196
L 28W 14400N	201 238	< 5	2.18	< 0.2	5	290	< 0.5	< 2	0.32	< 0.5	8	30	21	2.56	< 10	< 1	0.10	10	0.69	197
L 28W 14450N	201 238	< 5	1.61	< 0.2	5	230	< 0.5	< 2	0.45	< 0.5	8	26	23	2.25	< 10	< 1	0.07	20	0.78	227
L 28W 15400N	201 238	< 5	1.62	< 0.2	5	290	< 0.5	< 2	0.42	< 0.5	7	23	14	2.12	< 10	< 1	0.06	10	0.63	208
L 30W 0450N	201 238	55	1.53	< 0.2	15	310	< 0.5	< 2	0.22	< 0.5	10	37	12	2.06	< 10	< 1	0.24	50	1.01	348
L 30W 1400N	201 238	< 5	1.22	< 0.2	5	230	< 0.5	< 2	0.18	< 0.5	4	22	12	1.66	< 10	< 1	0.16	30	0.47	133
L 30W 1450N	201 238	< 5	1.37	< 0.2	5	220	< 0.5	< 2	0.37	< 0.5	8	27	16	2.27	< 10	< 1	0.20	20	0.72	250
L 30W 2400N	201 238	< 5	1.47	< 0.2	25	220	< 0.5	< 2	0.34	< 0.5	7	26	15	2.34	< 10	< 1	0.15	20	0.68	251
L 30W 2450N	201 238	< 5	1.67	< 0.2	10	210	< 0.5	< 2	0.31	< 0.5	7	40	16	2.22	< 10	< 1	0.10	20	0.84	262
L 30W 3400N	201 238	20	1.64	< 0.2	5	260	< 0.5	< 2	0.22	< 0.5	3	23	12	1.67	< 10	< 1	0.10	40	0.67	158
L 30W 3450N	201 238	10	1.61	< 0.2	5	390	< 0.5	< 2	0.33	< 0.5	8	24	26	1.93	< 10	< 1	0.07	30	0.52	271
L 30W 4400N	201 238	< 5	1.73	< 0.2	5	290	< 0.5	< 2	0.25	< 0.5	3	23	12	1.85	< 10	< 1	0.07	20	0.42	111
L 30W 4450N	201 238	< 5	1.57	< 0.2	5	270	< 0.5	< 2	0.24	< 0.5	3	22	13	1.88	< 10	< 1	0.07	20	0.44	131
L 30W 5400N	201 238	< 5	1.21	< 0.2	5	190	< 0.5	< 2	0.20	< 0.5	3	16	9	1.35	< 10	< 1	0.06	20	0.31	91
L 30W 5450N	201 238	< 5	1.50	< 0.2	5	240	< 0.5	< 2	0.23	< 0.5	3	21	10	1.81	< 10	< 1	0.08	20	0.37	115
L 30W 6400N	201 238	25	1.07	< 0.2	5	140	< 0.5	< 2	0.20	< 0.5	3	16	7	1.45	< 10	< 1	0.07	20	0.33	88
L 30W 6450N	201 238	< 5	1.29	< 0.2	5	160	< 0.5	< 2	0.24	< 0.5	3	20	8	1.74	< 10	< 1	0.07	20	0.38	116
L 30W 7400N	201 238	< 5	0.99	< 0.2	5	130	< 0.5	< 2	0.19	< 0.5	3	15	7	1.41	< 10	< 1	0.09	30	0.34	144
L 30W 7450N	201 238	< 5	1.31	< 0.2	5	220	< 0.5	< 2	0.26	< 0.5	3	19	8	1.63	< 10	< 1	0.09	20	0.41	121
L 30W 8400N	201 238	< 5	1.43	< 0.2	5	260	< 0.5	< 2	0.25	< 0.5	3	21	12	1.88	< 10	< 1	0.11	20	0.45	129
L 30W 8450N	201 238	< 5	1.11	< 0.2	5	220	< 0.5	< 2	0.18	< 0.5	4	13	9	1.46	< 10	< 1	0.10	20	0.35	140
L 30W 9400N	201 238	< 5	0.81	< 0.2	5	160	< 0.5	< 2	0.15	< 0.5	3	10	7	1.00	< 10	< 1	0.11	40	0.24	129
L 30W 9450N	203 238	< 5	1.28	< 0.2	5	730	< 0.5	< 2	0.17	< 0.5	4	49	16	1.69	< 10	< 1	0.15	30	0.24	121
L 30W 10400N	201 238	< 5	1.17	< 0.2	5	370	< 0.5	< 2	0.11	< 0.5	3	16	8	1.31	< 10	< 1	0.11	40	0.23	86

CERTIFICATION :

*BCJ*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,  
BRITISH COLUMBIA, CANADA V7J-1C1

PHONE (604) 984-0221

To: MARK MANAGEMENT LIMITED

1900 - 999 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6C 2W2

Project: DAWSON

Comments: ATTN: ART TROUP CC: PERRY GRUNENBERG

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Tot. Pag

Date: 13-AUG-87

Invoice #: I-8719167

P.O. #: ACR-L.S.

## CERTIFICATE OF ANALYSIS A8719167

SAMPLE DESCRIPTION	PREP CODE	Mb ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L 28W 5400N	201 238	< 1	0.01	7	360	6	< 5	< 10	22	0.08	< 10	< 10	32	< 5	36
L 28W 5450N	201 238	< 1	0.01	10	430	14	< 5	< 10	24	0.08	< 10	< 10	34	< 5	44
L 28W 6450N	201 238	< 1	0.01	6	400	6	< 5	< 10	22	0.05	< 10	< 10	15	< 5	32
L 28W 7400N	201 238	< 1	< 0.01	4	150	20	< 5	< 10	12	0.02	< 10	< 10	18	< 5	71
L 28W 7450N	201 238	< 1	< 0.01	9	180	18	< 5	< 10	16	0.06	< 10	< 10	37	< 5	46
L 28W 8400N	201 238	< 1	0.01	9	320	22	< 5	< 10	20	0.07	< 10	< 10	31	< 5	57
L 28W 8450N	201 238	< 1	0.01	10	270	32	< 5	< 10	19	0.07	< 10	< 10	37	< 5	60
L 28W 9400N	201 238	< 1	< 0.01	6	220	16	< 5	< 10	12	0.05	< 10	< 10	23	< 5	61
L 28W 9450N	201 238	< 1	< 0.01	8	320	18	< 5	< 10	17	0.05	< 10	< 10	25	< 5	56
L 28W 10400N	201 238	< 1	< 0.01	7	270	14	< 5	< 10	17	0.06	< 10	< 10	26	< 5	46
L 28W 10450N	201 238	< 1	0.01	7	220	14	< 5	< 10	14	0.05	< 10	< 10	25	< 5	36
L 28W 11400N	201 238	< 1	< 0.01	8	200	12	< 5	< 10	16	0.06	< 10	< 10	27	< 5	36
L 28W 11450N	201 238	< 1	0.01	8	240	12	< 5	< 10	20	0.06	< 10	< 10	28	< 5	40
L 28W 12400N	201 238	< 1	0.01	10	350	14	< 5	< 10	22	0.08	< 10	< 10	33	< 5	52
L 28W 12450N	201 238	< 1	0.01	14	410	6	< 5	< 10	26	0.10	< 10	< 10	36	< 5	49
L 28W 13400N	201 238	< 1	0.01	13	300	10	< 5	< 10	23	0.12	< 10	< 10	44	< 5	52
L 28W 13450N	201 238	< 1	0.01	15	380	4	< 5	< 10	29	0.13	< 10	< 10	43	< 5	58
L 28W 14400N	201 238	< 1	0.01	15	400	14	< 5	< 10	25	0.12	< 10	< 10	48	< 5	77
L 28W 14450N	201 238	< 1	0.01	15	550	8	< 5	< 10	36	0.14	< 10	< 10	42	< 5	71
L 28W 15400N	201 238	< 1	0.01	12	440	2	< 5	< 10	33	0.13	< 10	< 10	41	< 5	59
L 30W 0450N	201 238	< 1	< 0.01	13	160	20	< 5	< 10	26	0.05	< 10	< 10	31	< 5	47
L 30W 1400N	201 238	< 1	< 0.01	11	190	8	< 5	< 10	21	0.05	< 10	< 10	30	< 5	34
L 30W 1450N	201 238	< 1	0.01	14	440	8	< 5	< 10	37	0.12	< 10	< 10	41	< 5	51
L 30W 2400N	201 238	< 1	0.01	13	290	4	< 5	< 10	34	0.10	< 10	< 10	40	< 5	48
L 30W 2450N	201 238	< 1	0.01	17	290	18	< 5	< 10	34	0.08	< 10	< 10	41	< 5	59
L 30W 3400N	201 238	< 1	0.01	11	210	18	< 5	< 10	24	0.06	< 10	< 10	28	< 5	50
L 30W 3450N	201 238	< 1	0.01	17	460	16	< 5	< 10	34	0.08	< 10	< 10	32	< 5	47
L 30W 4400N	201 238	< 1	0.01	11	340	14	< 5	< 10	26	0.09	< 10	< 10	32	< 5	41
L 30W 4450N	201 238	< 1	0.01	11	410	10	< 5	< 10	25	0.08	< 10	< 10	35	< 5	43
L 30W 5400N	201 238	< 1	0.01	8	340	2	< 5	< 10	22	0.07	< 10	< 10	23	< 5	31
L 30W 5450N	201 238	< 1	0.01	9	410	10	< 5	< 10	25	0.08	< 10	< 10	39	< 5	37
L 30W 6400N	201 238	< 1	0.01	8	360	2	< 5	< 10	21	0.06	< 10	< 10	26	< 5	33
L 30W 6450N	201 238	< 1	0.01	9	470	14	< 5	< 10	23	0.08	< 10	< 10	35	< 5	43
L 30W 7400N	201 238	< 1	0.01	7	350	14	< 5	< 10	21	0.06	< 10	< 10	31	< 5	39
L 30W 7450N	201 238	< 1	0.01	8	370	14	< 5	< 10	27	0.07	< 10	< 10	33	< 5	42
L 30W 8400N	201 238	< 1	0.01	10	350	24	< 5	< 10	28	0.07	< 10	< 10	38	< 5	49
L 30W 8450N	201 238	< 1	0.01	7	320	20	< 5	< 10	20	0.05	< 10	< 10	27	< 5	49
L 30W 9400N	201 238	< 1	< 0.01	4	330	20	< 5	< 10	16	0.04	< 10	< 10	20	< 5	38
L 30W 9450N	203 238	< 1	0.01	10	510	30	< 5	< 10	22	0.05	< 10	< 10	28	< 5	42
L 30W 10400N	201 238	< 1	0.01	4	150	20	< 5	< 10	14	0.05	< 10	< 10	27	< 5	48

CERTIFICATION :



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,  
BRITISH COLUMBIA, CANADA V7J-1C1

PHONE (604) 984-0211

To: MARK MANAGEMENT LIMITED

1900 - 999 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6C 2W2

Project: DAWSON

Comments: ATTN: ART TROUP CC: PERRY GRUNENBERG

Page No 5-A  
Tot. Pa 6  
Date : 13-AUG-87  
Invoice # : I-8719167  
P.O. # : ACR-L.S.

## CERTIFICATE OF ANALYSIS A8719167

SAMPLE DESCRIPTION	PREP CODE	Au ppb	Al	Ag	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
		RUSH	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%	ppm
L 30W 10+50N	201 238	< 5	1.05	< 0.2	< 5	280	< 0.5	< 2	0.13	< 0.5	3	12	10	1.21	< 10	< 1	0.11	30	0.20	79
L 30W 11+00N	201 238	< 5	1.01	< 0.2	< 5	280	< 0.5	< 2	0.14	< 0.5	3	12	9	1.32	< 10	< 1	0.10	40	0.20	119
L 30W 11+50N	201 238	< 5	1.56	< 0.2	< 5	390	< 0.5	< 2	0.22	< 0.5	6	27	13	2.12	< 10	< 1	0.10	30	0.42	196
L 30W 12+00N	201 238	< 5	1.01	< 0.2	< 5	220	< 0.5	< 2	0.21	< 0.5	4	15	9	1.35	< 10	< 1	0.08	20	0.27	107
L 30W 12+50N	201 238	< 5	1.25	< 0.2	< 5	220	< 0.5	< 2	0.26	< 0.5	3	20	13	1.74	< 10	< 1	0.08	20	0.35	145
L 30W 13+00N	201 238	< 5	1.64	< 0.2	< 5	280	< 0.5	< 2	0.22	< 0.5	7	23	12	2.34	< 10	< 1	0.08	20	0.43	237
L 30W 13+50N	201 238	< 5	1.29	< 0.2	< 5	240	< 0.5	< 2	0.34	< 0.5	3	23	13	1.77	< 10	< 1	0.07	20	0.47	148
L 30W 14+00N	201 238	< 5	1.38	< 0.2	< 5	250	< 0.5	< 2	0.37	< 0.5	6	24	15	1.86	< 10	< 1	0.07	20	0.50	149
L 30W 14+50N	201 238	< 5	1.55	< 0.2	< 5	320	< 0.5	< 2	0.36	< 0.5	7	25	17	2.14	< 10	< 1	0.06	20	0.52	169
L 30W 15+00N	201 238	< 5	1.51	< 0.2	< 5	260	< 0.5	< 2	0.39	< 0.5	7	27	21	2.06	< 10	< 1	0.07	20	0.62	179
L 32W 0+50N	201 238	< 5	1.45	< 0.2	5	190	< 0.5	< 2	0.19	< 0.5	3	17	14	1.90	< 10	< 1	0.11	30	0.52	169
L 32W 1+00N	201 238	< 5	1.42	< 0.2	5	270	< 0.5	< 2	0.26	< 0.5	3	20	14	1.88	< 10	< 1	0.07	30	0.41	177
L 32W 1+50N	201 238	< 5	1.38	< 0.2	< 5	270	< 0.5	< 2	0.29	< 0.5	3	20	17	1.77	< 10	< 1	0.09	30	0.37	184
L 32W 2+00N	201 238	< 5	1.38	< 0.2	5	210	< 0.5	< 2	0.24	< 0.5	3	20	12	1.79	< 10	< 1	0.07	20	0.36	133
L 32W 2+50N	201 238	< 5	1.60	< 0.2	< 5	360	< 0.5	< 2	0.39	< 0.5	7	27	21	1.95	< 10	< 1	0.12	30	0.50	219
L 32W 3+00N	201 238	10	1.82	< 0.2	< 5	400	< 0.5	< 2	0.48	< 0.5	9	30	17	2.13	< 10	< 1	0.11	30	0.62	274
L 32W 3+50N	201 238	< 5	1.63	< 0.2	< 5	270	< 0.5	< 2	0.42	< 0.5	7	27	16	1.81	< 10	< 1	0.09	20	0.59	189
L 32W 4+00N	201 238	< 5	1.94	< 0.2	5	300	< 0.5	< 2	0.43	< 0.5	8	32	21	2.11	< 10	< 1	0.11	20	0.65	201
L 32W 4+50N	201 238	< 5	1.73	< 0.2	10	270	< 0.5	< 2	0.38	< 0.5	8	28	19	2.06	< 10	< 1	0.10	20	0.57	198
L 32W 5+00N	201 238	< 5	1.64	0.2	5	250	< 0.5	< 2	0.37	< 0.5	7	27	13	1.96	< 10	< 1	0.10	20	0.53	157
L 32W 5+50N	201 238	< 5	1.55	< 0.2	< 5	240	< 0.5	< 2	0.35	< 0.5	5	23	11	1.80	< 10	< 1	0.09	20	0.43	124
L 32W 6+00N	201 238	< 5	1.65	< 0.2	< 5	220	< 0.5	< 2	0.33	< 0.5	6	25	11	1.94	< 10	< 1	0.09	20	0.44	125
L 32W 6+50N	201 238	< 5	1.55	< 0.2	< 5	210	< 0.5	< 2	0.29	< 0.5	6	24	9	1.92	< 10	< 1	0.09	20	0.42	131
L 32W 7+00N	201 238	5	1.49	< 0.2	15	180	< 0.5	< 2	0.26	< 0.5	5	22	10	1.70	< 10	< 1	0.09	20	0.38	117
L 32W 7+50N	201 238	< 5	1.33	< 0.2	15	170	< 0.5	< 2	0.26	< 0.5	4	20	10	1.62	< 10	< 1	0.08	20	0.35	102
L 32W 8+00N	201 238	10	1.01	< 0.2	< 5	110	< 0.5	2	0.26	< 0.5	3	15	6	1.11	< 10	1	0.07	30	0.29	95
L 32W 8+50N	201 238	< 5	1.38	0.2	< 5	160	< 0.5	4	0.29	< 0.5	4	19	9	1.51	< 10	< 1	0.09	20	0.36	114
L 32W 9+00N	201 238	< 5	0.95	< 0.2	< 5	110	< 0.5	< 2	0.20	< 0.5	3	12	7	0.99	< 10	< 1	0.08	20	0.21	76
L 32W 9+50N	201 238	5	1.18	< 0.2	< 5	180	< 0.5	< 2	0.19	< 0.5	4	13	9	1.38	< 10	< 1	0.10	20	0.23	80
L 32W 10+00N	201 238	15	0.71	< 0.2	< 5	120	< 0.5	< 2	0.13	< 0.5	2	9	6	0.84	< 10	< 1	0.08	20	0.15	53
L 32W 10+50N	201 238	< 5	0.80	< 0.2	< 5	170	< 0.5	< 2	0.15	< 0.5	2	8	10	1.11	< 10	< 1	0.08	20	0.15	62
L 32W 11+00N	201 238	< 5	0.76	< 0.2	5	150	< 0.5	< 2	0.14	< 0.5	2	9	8	0.95	< 10	< 1	0.09	20	0.19	65
L 32W 11+50N	201 238	50	2.18	0.2	20	400	0.5	< 2	0.37	< 0.5	8	30	21	2.63	< 10	< 1	0.18	30	0.64	212
L 32W 12+00N	201 238	5	1.19	0.2	< 5	220	0.5	< 2	0.12	< 0.5	4	16	11	1.48	< 10	< 1	0.14	30	0.26	96
L 32W 12+50N	201 238	< 5	0.84	0.2	5	260	< 0.5	< 2	0.09	< 0.5	3	8	8	1.16	< 10	< 1	0.17	50	0.24	152
L 32W 13+00N	201 238	< 5	1.52	< 0.2	5	410	< 0.5	< 2	0.25	< 0.5	5	24	15	1.95	< 10	< 1	0.16	40	0.48	146
L 32W 13+50N	201 238	< 5	0.74	< 0.2	5	150	< 0.5	< 2	0.22	< 0.5	3	9	7	0.94	< 10	< 1	0.08	30	0.27	96
L 32W 14+00N	201 238	< 5	2.59	0.8	5	520	< 0.5	< 2	0.39	0.5	12	34	27	3.03	< 10	< 1	0.15	40	0.85	318
L 32W 14+50N	201 238	< 5	1.67	< 0.2	< 5	250	< 0.5	< 2	0.44	< 0.5	10	32	17	2.56	< 10	< 1	0.08	20	0.68	238
L 32W 15+00N	201 238	< 5	1.46	< 0.2	15	340	< 0.5	< 2	0.43	< 0.5	14	26	18	2.41	< 10	< 1	0.08	20	0.49	465

CERTIFICATION :



# 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

1900 - 999 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6C 2W2

Project : DAWSON

Comments: ATTN: ART TROUP CC: PERRY GRUNENBERG

Page No 4-B  
Tot. Pgs 5  
Date : 13-AUG-87  
Invoice # : I-8719167  
P.O. # : ACR-L.S.

## CERTIFICATE OF ANALYSIS A8719167

SAMPLE DESCRIPTION	PREP CODE	Mb ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L 30W 10+50N	201 238	< 1	< 0.01	5	170	22	< 5	< 10	14	0.05	< 10	< 10	28	< 5	33
L 30W 11+00N	201 238	< 1	< 0.01	6	250	28	< 5	< 10	15	0.05	< 10	< 10	27	< 5	33
L 30W 11+50N	201 238	< 1	0.01	11	370	16	< 5	< 10	21	0.09	< 10	< 10	40	< 5	51
L 30W 12+00N	201 238	< 1	0.01	7	310	16	< 5	< 10	19	0.07	< 10	< 10	28	< 5	37
L 30W 12+50N	201 238	< 1	0.01	10	370	12	< 5	< 10	22	0.08	< 10	< 10	36	< 5	47
L 30W 13+00N	201 238	< 1	0.01	10	440	14	< 5	< 10	21	0.09	< 10	< 10	48	< 5	48
L 30W 13+50N	201 238	< 1	0.01	11	470	10	< 5	< 10	27	0.10	< 10	< 10	37	< 5	46
L 30W 14+00N	201 238	< 1	0.01	13	450	10	< 5	< 10	29	0.11	< 10	< 10	39	< 5	50
L 30W 14+50N	201 238	< 1	0.01	13	450	10	< 5	< 10	29	0.10	< 10	< 10	44	< 5	53
L 30W 15+00N	201 238	< 1	0.01	13	450	14	< 5	< 10	31	0.12	< 10	< 10	40	< 5	58
L 32W 0+50N	201 238	< 1	0.01	12	170	24	< 5	< 10	17	0.06	< 10	< 10	33	< 5	51
L 32W 1+00N	201 238	< 1	0.01	12	130	28	< 5	< 10	23	0.08	< 10	< 10	39	< 5	54
L 32W 1+50N	201 238	< 1	0.01	12	240	22	< 5	< 10	26	0.09	< 10	< 10	39	< 5	46
L 32W 2+00N	201 238	< 1	0.01	11	220	8	< 5	< 10	23	0.08	< 10	< 10	40	< 5	35
L 32W 2+50N	201 238	< 1	0.01	15	310	10	< 5	< 10	38	0.10	< 10	< 10	41	< 5	47
L 32W 3+00N	201 238	< 1	0.01	15	370	16	< 5	< 10	44	0.10	< 10	< 10	44	< 5	50
L 32W 3+50N	201 238	< 1	0.01	12	420	8	< 5	< 10	37	0.09	< 10	< 10	39	< 5	51
L 32W 4+00N	201 238	< 1	0.01	14	440	18	< 5	< 10	38	0.10	< 10	< 10	39	< 5	61
L 32W 4+50N	201 238	< 1	0.01	11	480	12	< 5	< 10	34	0.09	< 10	< 10	36	< 5	57
L 32W 5+00N	201 238	< 1	0.01	11	440	8	< 5	< 10	33	0.09	< 10	< 10	37	< 5	52
L 32W 5+50N	201 238	< 1	0.01	11	490	10	< 5	< 10	32	0.09	< 10	< 10	35	< 5	46
L 32W 6+00N	201 238	< 1	0.01	10	470	20	< 5	< 10	31	0.08	< 10	< 10	36	< 5	47
L 32W 6+50N	201 238	< 1	0.01	12	430	14	< 5	< 10	26	0.08	< 10	< 10	39	< 5	47
L 32W 7+00N	201 238	< 1	0.01	9	420	10	< 5	< 10	25	0.07	< 10	< 10	31	< 5	43
L 32W 7+50N	201 238	< 1	0.01	10	480	12	< 5	< 10	25	0.07	< 10	< 10	27	< 5	40
L 32W 8+00N	201 238	< 1	0.01	6	320	2	< 5	< 10	23	0.08	< 10	< 10	22	< 5	32
L 32W 8+50N	201 238	< 1	0.01	10	420	14	< 5	< 10	25	0.08	< 10	< 10	28	< 5	43
L 32W 9+00N	201 238	< 1	0.01	5	260	8	< 5	< 10	17	0.07	< 10	< 10	19	< 5	25
L 32W 9+50N	201 238	< 1	0.01	8	320	26	< 5	< 10	18	0.06	< 10	< 10	24	< 5	32
L 32W 10+00N	201 238	< 1	< 0.01	4	220	12	< 5	< 10	13	0.04	< 10	< 10	14	< 5	19
L 32W 10+50N	201 238	< 1	< 0.01	4	270	6	< 5	< 10	16	0.04	< 10	< 10	18	< 5	24
L 32W 11+00N	201 238	< 1	< 0.01	7	280	6	< 5	< 10	14	0.04	< 10	< 10	16	< 5	20
L 32W 11+50N	201 238	< 1	< 0.01	13	730	26	< 5	< 10	31	0.10	10	< 10	40	< 5	72
L 32W 12+00N	201 238	< 1	< 0.01	10	140	28	< 5	< 10	13	0.05	10	< 10	31	< 5	30
L 32W 12+50N	201 238	< 1	< 0.01	4	200	16	< 5	< 10	12	0.01	10	< 10	12	< 5	38
L 32W 13+00N	201 238	< 1	0.01	11	310	18	< 5	< 10	24	0.06	< 10	< 10	33	< 5	54
L 32W 13+50N	201 238	< 1	< 0.01	5	380	8	< 5	< 10	19	0.05	< 10	< 10	16	< 5	34
L 32W 14+00N	201 238	< 1	0.01	17	660	22	< 5	< 10	36	0.08	10	< 10	59	< 5	93
L 32W 14+50N	201 238	< 1	0.01	16	690	10	< 5	< 10	31	0.12	10	< 10	53	< 5	63
L 32W 15+00N	201 238	< 1	0.02	16	620	4	< 5	< 10	33	0.10	10	< 10	55	< 5	55

CERTIFICATION :



# 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

1900 - 999 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6C 2W2

Project : DAWSON

Comments : ATTN: ART TROUP CC: PERRY GRUNENBERG

Page No. 6-A

Tot. Paj

Date : 13-AUG-87

Invoice #: I-8719167

P.O. #: ACR-L.S.

## CERTIFICATE OF ANALYSIS A8719167

SAMPLE DESCRIPTION	PREP CODE	Au ppb RUSH	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
L 46W 04-50N	201 238	< 5	1.85	0.2	10	380	< 0.5	< 2	0.51	< 0.5	13	35	21	2.97	< 10	< 1	0.24	30	1.10	372
L 46W 14-50N	201 238	< 5	1.34	0.4	10	250	< 0.5	2	0.28	< 0.5	7	21	11	1.93	< 10	< 1	0.15	20	0.50	195
L 46W 14-50N	201 238	< 5	1.50	0.4	5	570	< 0.5	2	0.33	< 0.5	6	19	17	1.96	< 10	< 1	0.21	40	0.48	258
L 46W 24-50N	201 238	< 5	1.70	0.4	10	570	< 0.5	< 2	0.30	< 0.5	8	19	17	2.11	< 10	< 1	0.18	50	0.35	342
L 46W 24-50N	201 238	< 5	1.57	0.4	< 5	1020	< 0.5	< 2	0.42	0.5	13	20	9	2.02	< 10	< 1	0.18	20	0.37	1205
L 46W 34-50N	201 238	< 5	1.38	0.2	< 5	290	< 0.5	2	0.22	< 0.5	6	21	9	1.89	< 10	< 1	0.10	20	0.34	170
L 46W 34-50N	201 238	< 5	1.40	0.2	5	480	< 0.5	< 2	0.34	< 0.5	7	21	16	1.94	< 10	< 1	0.13	30	0.37	186
L 46W 44-50N	201 238	< 5	2.12	0.4	< 5	900	< 0.5	2	0.37	0.5	9	31	22	2.79	< 10	< 1	0.19	30	0.52	156
L 46W 44-50N	201 238	< 5	1.37	0.2	10	450	< 0.5	2	0.92	< 0.5	11	26	27	2.45	< 10	< 1	0.10	20	0.53	290
L 46W 54-50N	201 238	< 5	1.33	0.2	10	390	< 0.5	< 2	0.28	< 0.5	6	18	9	1.80	< 10	< 1	0.12	20	0.31	159
L 46W 54-50N	201 238	< 5	1.20	0.2	15	280	< 0.5	2	0.30	< 0.5	6	18	9	1.63	< 10	< 1	0.09	20	0.33	138
L 46W 64-50N	201 238	200	1.36	0.2	< 5	340	< 0.5	< 2	0.23	< 0.5	4	19	10	1.63	< 10	< 1	0.13	20	0.29	129
L 46W 64-50N	201 238	< 5	1.40	0.2	5	430	< 0.5	2	0.26	< 0.5	5	17	14	1.62	< 10	< 1	0.13	30	0.30	129
L 46W 74-50N	201 238	< 5	1.24	< 0.2	5	480	< 0.5	2	0.91	0.5	10	24	26	2.12	< 10	< 1	0.07	20	0.46	628
L 46W 74-50N	201 238	< 5	1.26	< 0.2	10	370	< 0.5	2	0.65	< 0.5	10	25	22	2.32	< 10	< 1	0.07	20	0.49	247
L 46W 84-50N	201 238	< 5	1.57	< 0.2	10	480	< 0.5	< 2	0.56	< 0.5	10	27	22	2.55	< 10	< 1	0.09	20	0.47	337
L 46W 84-50N	201 238	< 5	1.40	< 0.2	20	330	< 0.5	2	0.62	< 0.5	9	27	21	2.44	< 10	< 1	0.09	20	0.47	288
L 46W 94-50N	201 238	< 5	1.18	< 0.2	15	350	< 0.5	< 2	0.61	< 0.5	9	24	21	2.17	< 10	< 1	0.08	20	0.43	376
L 46W 94-50N	201 238	< 5	1.22	< 0.2	20	260	< 0.5	2	0.56	< 0.5	10	25	25	2.46	< 10	< 1	0.10	20	0.53	253
L 46W 104-50N	201 238	< 5	1.32	< 0.2	< 5	350	< 0.5	< 2	0.56	< 0.5	9	25	19	2.44	< 10	1	0.07	20	0.46	284
L 46W 104-50N	201 238	< 5	1.27	< 0.2	< 5	370	< 0.5	< 2	0.57	< 0.5	11	25	25	2.39	< 10	< 1	0.07	20	0.46	378
L 46W 114-50N	201 238	35	1.24	< 0.2	5	320	< 0.5	< 2	0.61	< 0.5	8	23	15	2.01	< 10	< 1	0.07	20	0.44	368
L 46W 114-50N	201 238	< 5	1.26	< 0.2	10	440	< 0.5	< 2	0.54	< 0.5	12	24	21	2.34	< 10	< 1	0.07	20	0.43	687
L 46W 124-50N	201 238	< 5	1.43	< 0.2	15	350	< 0.5	< 2	0.53	< 0.5	8	26	20	2.18	< 10	< 1	0.09	20	0.46	176
L 46W 124-50N	201 238	< 5	1.42	< 0.2	< 5	310	< 0.5	< 2	0.51	< 0.5	9	27	18	2.52	< 10	< 1	0.09	20	0.48	220
L 46W 134-50N	201 238	< 5	1.13	< 0.2	5	420	< 0.5	2	0.58	< 0.5	9	23	22	2.16	< 10	< 1	0.09	20	0.44	335
L 46W 134-50N	201 238	< 5	1.23	< 0.2	15	320	< 0.5	< 2	0.55	< 0.5	7	21	12	1.92	< 10	< 1	0.08	20	0.42	224
L 46W 144-50N	201 238	< 5	0.85	< 0.2	15	200	< 0.5	< 2	0.31	< 0.5	7	13	13	1.39	< 10	< 1	0.10	20	0.35	237

CERTIFICATION :



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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Project: DAWSON

Comments: ATTN: ART TROUP CC: PERRY GRUNENBERG

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To: Page 1  
Date: 13-AUG-87  
Invoice #: I-8719167  
P.O. #: AOR-L.S.

## CERTIFICATE OF ANALYSIS A8719167

SAMPLE DESCRIPTION	PREP CODE	Mb ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L 46W 04-50N	201 238	< 1	0.01	14	740	16	< 5	< 10	34	0.13	< 10	< 10	44	< 5	79
L 46W 14-00N	201 238	< 1	0.01	9	280	16	< 5	< 10	20	0.08	< 10	< 10	40	< 5	48
L 46W 14-50N	201 238	< 1	0.01	7	300	32	< 5	< 10	28	0.06	10	< 10	35	< 5	55
L 46W 24-00N	201 238	< 1	0.01	11	300	30	< 5	< 10	27	0.07	20	< 10	42	< 5	51
L 46W 24-50N	201 238	< 1	0.01	10	950	< 2	< 5	< 10	37	0.07	< 10	< 10	40	< 5	68
L 46W 34-00N	201 238	< 1	0.01	9	210	10	< 5	< 10	20	0.08	< 10	< 10	40	< 5	37
L 46W 34-50N	201 238	< 1	0.01	11	360	14	< 5	< 10	30	0.08	10	< 10	39	< 5	46
L 46W 44-00N	201 238	< 1	0.01	18	490	10	< 5	< 10	35	0.07	10	< 10	45	< 5	53
L 46W 44-50N	201 238	< 1	0.03	23	700	12	< 5	< 10	51	0.10	10	< 10	56	< 5	62
L 46W 54-00N	201 238	< 1	0.01	7	260	8	< 5	< 10	26	0.08	10	< 10	41	< 5	38
L 46W 54-50N	201 238	< 1	0.01	10	210	8	< 5	< 10	26	0.09	< 10	< 10	36	< 5	36
L 46W 64-00N	201 238	< 1	0.01	9	200	10	< 5	< 10	22	0.08	10	< 10	37	< 5	37
L 46W 64-50N	201 238	< 1	0.01	7	210	26	< 5	< 10	25	0.07	10	< 10	34	< 5	39
L 46W 74-00N	201 238	< 1	0.02	22	630	12	< 5	< 10	48	0.08	< 10	< 10	45	< 5	64
L 46W 74-50N	201 238	< 1	0.02	22	650	12	< 5	< 10	36	0.09	< 10	< 10	49	< 5	55
L 46W 84-00N	201 238	< 1	0.02	19	530	< 2	< 5	< 10	38	0.10	< 10	< 10	56	< 5	58
L 46W 84-50N	201 238	< 1	0.02	21	560	12	< 5	< 10	27	0.10	< 10	< 10	54	< 5	51
L 46W 94-00N	201 238	< 1	0.02	22	660	8	< 5	< 10	36	0.08	< 10	< 10	46	< 5	55
L 46W 94-50N	201 238	< 1	0.02	22	770	8	< 5	< 10	34	0.09	< 10	< 10	51	< 5	60
L 46W 104-00N	201 238	< 1	0.02	19	620	8	< 5	< 10	34	0.09	< 10	< 10	52	< 5	55
L 46W 104-50N	201 238	< 1	0.02	21	700	8	< 5	< 10	34	0.08	< 10	< 10	50	< 5	53
L 46W 114-00N	201 238	< 1	0.02	16	720	12	< 5	< 10	36	0.09	< 10	< 10	48	< 5	52
L 46W 114-50N	201 238	< 1	0.02	17	690	2	< 5	< 10	34	0.09	< 10	< 10	50	< 5	52
L 46W 124-00N	201 238	< 1	0.02	16	650	8	< 5	< 10	36	0.11	< 10	< 10	53	< 5	59
L 46W 124-50N	201 238	< 1	0.02	15	690	10	< 5	< 10	35	0.10	10	< 10	55	< 5	60
L 46W 134-00N	201 238	< 1	0.02	20	700	8	< 5	< 10	39	0.09	< 10	< 10	47	< 5	56
L 46W 134-50N	201 238	< 1	0.01	13	580	8	< 5	< 10	36	0.10	< 10	< 10	47	< 5	52
L 46W 144-00N	201 238	< 1	0.01	9	410	18	< 5	< 10	22	0.06	10	< 10	25	< 5	54

CERTIFICATION :



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

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Project: DAWSON

Comments: CC: P. GRUNENBERG

Page No. 1-A  
Tot. Pa. 1  
Date: 30-AUG-87  
Invoice #: I-8720529  
P.O. #: ACR-DEL

## CERTIFICATE OF ANALYSIS A8720529

SAMPLE DESCRIPTION	PREP CODE	Au ppb RUSH	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
L34W 0+50N	201 238	< 5	1.32	< 0.2	< 5	280	< 0.5	< 2	0.16	< 0.5	6	19	12	1.85	< 10	< 1	0.07	20	0.33	148
L34W 1+50N	201 238	< 5	0.98	< 0.2	15	170	< 0.5	< 2	0.10	< 0.5	6	10	11	1.33	< 10	< 1	0.11	30	0.30	150
L34W 1+50N	201 238	< 5	1.08	< 0.2	5	270	< 0.5	< 2	0.13	< 0.5	4	11	13	1.71	< 10	< 1	0.16	20	0.34	149
L34W 2+50N	201 238	< 5	2.01	< 0.2	25	250	< 0.5	< 2	0.20	< 0.5	9	28	10	2.92	< 10	< 1	0.08	20	0.49	240
L34W 2+50N	201 238	< 5	1.51	< 0.2	5	180	< 0.5	< 2	0.11	< 0.5	7	15	6	2.54	< 10	< 1	0.08	10	0.20	339
L34W 3+50N	201 238	< 5	1.19	< 0.2	< 5	220	< 0.5	< 2	0.17	< 0.5	6	15	11	1.51	< 10	< 1	0.09	30	0.31	174
L34W 4+50N	201 238	< 5	1.50	< 0.2	10	280	< 0.5	< 2	0.15	< 0.5	6	19	10	1.86	< 10	< 1	0.07	20	0.34	141
L34W 4+50N	201 238	< 5	1.30	< 0.2	5	220	< 0.5	< 2	0.15	< 0.5	5	16	9	1.60	< 10	< 1	0.07	30	0.31	113
L34W 5+50N	201 238	< 5	1.31	< 0.2	< 5	450	< 0.5	< 2	0.30	< 0.5	7	18	19	1.77	< 10	< 1	0.08	30	0.37	195
L34W 5+50N	201 238	< 5	1.49	0.2	25	320	< 0.5	< 2	0.18	< 0.5	6	15	11	1.61	< 10	< 1	0.11	30	0.31	102
L34W 6+50N	201 238	< 5	1.16	< 0.2	< 5	300	< 0.5	< 2	0.17	< 0.5	4	16	10	1.45	< 10	< 1	0.08	20	0.28	107
L34W 6+50N	201 238	< 5	1.40	< 0.2	< 5	310	< 0.5	< 2	0.25	< 0.5	7	18	17	1.80	< 10	< 1	0.09	20	0.36	147
L34W 7+50N	201 238	< 5	1.23	< 0.2	< 5	200	< 0.5	< 2	0.17	< 0.5	5	16	11	1.63	< 10	< 1	0.09	20	0.32	142
L34W 7+50N	201 238	< 5	1.26	< 0.2	25	260	< 0.5	< 2	0.18	< 0.5	6	15	13	1.64	< 10	< 1	0.09	20	0.33	152
L34W 8+50N	201 238	< 5	1.24	< 0.2	10	250	< 0.5	< 2	0.20	< 0.5	6	14	10	1.63	< 10	< 1	0.08	20	0.37	123
L34W 8+50N	201 238	< 5	1.36	< 0.2	10	250	< 0.5	< 2	0.24	< 0.5	7	15	10	1.75	< 10	< 1	0.08	20	0.46	135
L34W 9+50N	201 238	< 5	1.22	< 0.2	< 5	230	< 0.5	< 2	0.23	< 0.5	7	16	9	1.73	< 10	< 1	0.11	20	0.41	184
L34W 9+50N	201 238	< 5	1.14	< 0.2	15	250	< 0.5	4	0.16	< 0.5	4	14	9	1.32	< 10	< 1	0.12	20	0.31	89
L34W 10+50N	201 238	< 5	1.07	< 0.2	< 5	190	< 0.5	< 2	0.16	< 0.5	6	14	7	1.57	< 10	< 1	0.16	20	0.40	145
L34W 10+50N	201 238	< 5	1.24	0.2	10	240	< 0.5	< 2	0.19	< 0.5	7	19	9	1.79	< 10	< 1	0.14	30	0.49	167
L34W 11+50N	201 238	10	1.68	0.2	20	200	< 0.5	< 2	0.23	< 0.5	9	24	13	2.40	< 10	< 1	0.12	30	0.90	221
L34W 11+50N	201 238	< 5	1.23	0.2	10	120	< 0.5	< 2	0.07	< 0.5	5	14	6	1.43	< 10	< 1	0.12	50	0.67	120
L34W 12+50N	201 238	< 5	1.10	< 0.2	15	230	< 0.5	< 2	0.28	< 0.5	7	17	13	2.02	< 10	< 1	0.17	30	0.52	160
L34W 12+50N	201 238	80	1.85	0.2	45	470	< 0.5	< 2	0.35	< 0.5	11	24	24	2.85	< 10	< 1	0.22	30	0.62	386
L34W 13+50N	201 238	60	1.74	0.2	45	350	< 0.5	< 2	0.28	< 0.5	10	32	17	2.32	< 10	< 1	0.18	40	0.78	330
L34W 13+50N	201 238	< 5	1.02	< 0.2	10	200	< 0.5	< 2	0.20	< 0.5	6	14	7	1.65	< 10	< 1	0.14	30	0.44	147
L34W 14+50N	201 238	< 5	1.14	< 0.2	15	190	< 0.5	4	0.19	< 0.5	6	14	6	1.69	< 10	< 1	0.11	30	0.45	128
L34W 14+50N	201 238	< 5	1.36	< 0.2	< 5	220	< 0.5	< 2	0.19	< 0.5	8	21	7	2.19	< 10	< 1	0.13	30	0.52	307
L34W 15+50N	201 238	< 5	1.31	< 0.2	10	340	< 0.5	< 2	0.32	< 0.5	7	44	17	2.26	< 10	< 1	0.10	30	0.73	226
L36W 0+50N	201 238	< 5	1.34	0.2	< 5	360	< 0.5	< 2	0.14	< 0.5	4	13	17	1.52	< 10	< 1	0.14	40	0.22	74
L36W 1+50N	201 238	< 5	1.38	< 0.2	15	320	< 0.5	< 2	0.15	< 0.5	4	18	13	1.72	< 10	< 1	0.10	20	0.29	128
L36W 1+50N	201 238	< 5	1.15	< 0.2	5	240	< 0.5	< 2	0.20	< 0.5	4	17	8	1.49	< 10	< 1	0.09	20	0.31	122
L36W 2+50N	201 238	< 5	1.10	< 0.2	< 5	220	< 0.5	< 2	0.18	< 0.5	3	16	6	1.51	< 10	< 1	0.09	20	0.28	124
L36W 2+50N	201 238	< 5	1.18	< 0.2	15	240	< 0.5	< 2	0.20	< 0.5	4	18	8	1.61	< 10	< 1	0.08	20	0.33	140
L36W 3+50N	201 238	< 5	1.22	< 0.2	< 5	380	< 0.5	< 2	0.23	< 0.5	5	13	13	1.46	< 10	< 1	0.13	30	0.22	324
L36W 3+50N	201 238	< 5	0.60	0.2	< 5	< 5	< 0.5	< 2	0.06	< 0.5	< 1	13	4	0.66	< 10	< 1	0.13	30	0.14	40
L36W 4+50N	201 238	< 5	2.09	< 0.2	10	400	< 0.5	< 2	0.14	< 0.5	7	31	10	2.66	< 10	< 1	0.06	20	0.37	202
L36W 4+50N	201 238	< 5	1.34	< 0.2	15	270	< 0.5	< 2	0.1	< 0.5	4	15	5	1.82	< 10	2	0.09	20	0.21	96
L36W 5+50N	201 238	< 5	1.50	< 0.2	20	220	< 0.5	< 2	0.11	< 0.5	6	17	9	2.01	< 10	< 1	0.05	20	0.31	137
L36W 5+50N	201 238	< 5	0.90	< 0.2	5	180	< 0.5	< 2	0.08	< 0.5	5	9	7	1.09	< 10	< 1	0.09	30	0.22	79

CERTIFICATION



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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Project : DAWSON  
Comments: CC: P GRUNENBERG

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Date : 30-AUG-87  
Invoice #: I-8720529  
P.O. #: ACR-DEL

## CERTIFICATE OF ANALYSIS A8720529

SAMPLE DESCRIPTION	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Se	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
L34W 0+50N	201	238	< 1	< 0.01	11	130	10	< 5	< 10	15	0.06	< 10	< 10	35	< 5	37
L34W 1+00N	201	238	< 1	< 0.01	6	120	18	< 5	< 10	12	0.03	20	< 10	21	< 5	39
L34W 1+50N	201	238	< 1	< 0.01	5	160	22	< 5	< 10	21	0.04	< 10	< 10	25	< 5	34
L34W 2+00N	201	238	< 1	< 0.01	19	120	6	< 5	< 10	20	0.07	< 10	< 10	56	< 5	52
L34W 2+50N	201	238	< 1	< 0.01	8	650	20	< 5	< 10	13	0.07	< 10	< 10	58	< 5	43
L34W 3+50N	201	238	< 1	< 0.01	9	210	14	< 5	< 10	16	0.06	10	< 10	33	< 5	37
L34W 4+00N	201	238	< 1	< 0.01	8	130	2	< 5	< 10	15	0.06	10	< 10	39	< 5	37
L34W 4+50N	201	238	< 1	< 0.01	6	160	6	< 5	< 10	14	0.06	< 10	< 10	33	< 5	35
L34W 5+00N	201	238	< 1	< 0.01	13	370	20	< 5	< 10	26	0.08	< 10	< 10	36	< 5	48
L34W 5+50N	201	238	< 1	< 0.01	6	250	14	< 5	< 10	17	0.07	10	< 10	31	< 5	42
L34W 6+00N	201	238	< 1	< 0.01	8	320	< 2	< 5	< 10	14	0.06	10	< 10	30	< 5	38
L34W 6+50N	201	238	< 1	< 0.01	13	390	10	< 5	< 10	22	0.07	10	< 10	35	< 5	46
L34W 7+00N	201	238	< 1	< 0.01	9	280	4	< 5	< 10	14	0.07	< 10	< 10	32	< 5	42
L34W 7+50N	201	238	< 1	< 0.01	8	340	6	< 5	< 10	17	0.06	< 10	< 10	29	< 5	46
L34W 8+00N	201	238	< 1	< 0.01	10	350	2	< 5	< 10	17	0.07	< 10	< 10	30	< 5	45
L34W 8+50N	201	238	< 1	< 0.01	10	390	8	< 5	< 10	19	0.08	< 10	< 10	33	< 5	48
L34W 9+00N	201	238	< 1	< 0.01	9	400	2	< 5	< 10	18	0.08	< 10	< 10	32	< 5	48
L34W 9+50N	201	238	< 1	< 0.01	7	280	14	< 5	< 10	16	0.05	10	< 10	24	< 5	39
L34W 10+00N	201	238	< 1	< 0.01	9	330	< 2	< 5	< 10	16	0.06	< 10	< 10	28	< 5	43
L34W 10+50N	201	238	< 1	< 0.01	9	290	4	< 5	< 10	18	0.07	10	< 10	31	< 5	46
L34W 11+00N	201	238	< 1	< 0.01	13	430	12	< 5	< 10	20	0.06	< 10	< 10	28	< 5	72
L34W 11+50N	201	238	< 1	< 0.01	10	130	12	< 5	< 10	10	0.02	20	< 10	16	< 5	57
L34W 12+00N	201	238	< 1	< 0.01	12	410	2	< 5	< 10	25	0.10	10	< 10	33	< 5	51
L34W 12+50N	201	238	< 1	< 0.01	14	540	14	< 5	< 10	36	0.06	10	< 10	37	< 5	66
L34W 13+00N	201	238	< 1	< 0.01	15	460	24	< 5	< 10	26	0.05	10	< 10	30	< 5	58
L34W 13+50N	201	238	< 1	< 0.01	8	340	< 2	< 5	< 10	19	0.05	< 10	< 10	25	< 5	44
L34W 14+00N	201	238	< 1	< 0.01	8	240	10	< 5	< 10	16	0.07	< 10	< 10	30	< 5	39
L34W 14+50N	201	238	< 1	< 0.01	9	270	16	< 5	< 10	17	0.07	10	< 10	42	< 5	47
L34W 15+00N	201	238	< 1	< 0.01	14	560	10	< 5	< 10	21	0.06	10	< 10	33	< 5	69
L36W 0+50N	201	238	< 1	< 0.01	10	310	40	< 5	< 10	16	0.03	20	< 10	23	< 5	38
L36W 1+00N	201	238	< 1	< 0.01	8	270	22	< 5	< 10	15	0.05	10	< 10	36	< 5	40
L36W 1+50N	201	238	< 1	< 0.01	8	190	16	< 5	< 10	17	0.06	< 10	< 10	31	< 5	34
L36W 2+00N	201	238	< 1	< 0.01	7	140	12	< 5	< 10	16	0.06	10	< 10	34	< 5	30
L36W 2+50N	201	238	< 1	< 0.01	9	130	24	< 5	< 10	18	0.07	< 10	< 10	36	< 5	33
L36W 3+00N	201	238	< 1	< 0.01	7	360	24	< 5	< 10	24	0.06	10	< 10	33	< 5	35
L36W 3+50N	201	238	< 1	< 0.01	6	60	36	< 5	< 10	10	0.01	20	< 10	9	< 5	17
L36W 4+00N	201	238	< 1	< 0.01	14	120	20	< 5	< 10	17	0.09	< 10	< 10	64	10	41
L36W 4+50N	201	238	< 1	< 0.01	6	130	16	< 5	< 10	12	0.05	< 10	< 10	40	< 5	24
L36W 5+00N	201	238	< 1	< 0.01	10	70	12	< 5	< 10	12	0.05	< 10	< 10	39	< 5	32
L36W 5+50N	201	238	< 1	< 0.01	8	100	14	< 5	< 10	9	0.04	< 10	< 10	21	< 5	26

CERTIFICATION :



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,  
BRITISH COLUMBIA, CANADA V7J-1C1

PHONE (604) 984-0221

To: MARK MANAGEMENT LIMITED

1900 - 999 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6C 2W2

Project: DAWSON

Comments: CC: P GRUNENBERG

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Tot. Pt: 5

Date: 30-AUG-87

Invoice #: I-8720529

P.O. #: ACR-DEL

## CERTIFICATE OF ANALYSIS A8720529

SAMPLE DESCRIPTION	PREP CODE	Au ppb RUSH	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
L36W 6+00N	201 238	< 5	1.25	< 0.2	< 5	200	0.5	< 2	0.11	< 0.5	5	13	7	1.54	< 10	< 1	0.08	20	0.31	110
L36W 6+50N	201 238	< 5	1.13	< 0.2	< 5	240	< 0.5	2	0.09	< 0.5	5	12	9	1.36	< 10	< 1	0.08	20	0.21	74
L36W 7+00N	201 238	< 5	1.10	< 0.2	< 5	240	0.5	2	0.07	< 0.5	5	10	15	1.67	< 10	1	0.13	20	0.30	112
L36W 7+50N	201 238	< 5	1.33	< 0.2	20	260	0.5	< 2	0.12	< 0.5	6	14	12	1.91	< 10	2	0.12	30	0.32	120
L36W 8+00N	201 238	< 5	1.27	< 0.2	10	260	0.5	< 2	0.13	< 0.5	7	11	13	1.68	< 10	2	0.13	30	0.39	145
L36W 8+50N	201 238	< 5	1.16	< 0.2	25	250	0.5	4	0.18	< 0.5	8	13	16	1.58	< 10	< 1	0.12	30	0.48	181
L36W 9+00N	201 238	< 5	1.15	< 0.2	< 5	190	0.5	4	0.21	< 0.5	8	14	13	1.64	< 10	< 1	0.11	20	0.56	218
L36W 9+50N	201 238	< 5	1.34	< 0.2	< 5	220	0.5	< 2	0.16	< 0.5	7	15	19	1.82	< 10	< 1	0.11	20	0.48	228
L36W 10+00N	201 238	< 5	1.29	< 0.2	< 5	180	0.5	2	0.17	< 0.5	8	13	11	1.75	< 10	1	0.09	20	0.56	217
L36W 10+50N	201 238	< 5	1.70	< 0.2	30	200	0.5	< 2	0.24	< 0.5	11	17	9	2.21	< 10	1	0.11	20	0.69	257
L36W 11+00N	201 238	10	1.49	< 0.2	20	200	0.5	2	0.25	< 0.5	12	17	7	2.02	< 10	< 1	0.14	20	0.59	442
L36W 11+50N	201 238	15	1.49	< 0.2	15	230	1.0	< 2	0.18	< 0.5	8	17	12	1.84	< 10	< 1	0.11	20	0.49	163
L36W 12+00N	201 238	< 5	1.05	< 0.2	25	190	0.5	< 2	0.22	< 0.5	7	12	6	1.47	< 10	2	0.13	30	0.45	150
L36W 12+50N	201 238	10	1.35	< 0.2	35	270	0.5	4	0.22	< 0.5	9	20	13	1.76	< 10	< 1	0.13	30	0.52	182
L36W 13+00N	201 238	40	1.34	< 0.2	30	190	0.5	< 2	0.20	< 0.5	8	17	7	1.72	< 10	3	0.11	20	0.46	160
L36W 13+50N	201 238	5	1.28	< 0.2	20	230	< 0.5	< 2	0.19	< 0.5	6	17	10	1.66	< 10	< 1	0.09	20	0.41	160
L36W 14+00N	201 238	25	1.44	< 0.2	5	190	< 0.5	< 2	0.17	< 0.5	6	19	9	1.69	< 10	< 1	0.10	20	0.50	121
L36W 14+50N	201 238	5	1.36	< 0.2	5	220	< 0.5	< 2	0.19	< 0.5	6	18	10	1.62	< 10	< 1	0.10	20	0.46	119
L36W 15+00N	201 238	5	1.23	< 0.2	< 5	200	< 0.5	< 2	0.17	< 0.5	5	15	7	1.14	< 10	1	0.08	20	0.40	91
L36W 0+50N	201 238	10	1.03	< 0.2	5	280	0.5	< 2	0.15	< 0.5	6	13	7	1.39	< 10	< 1	0.06	30	0.31	114
L38W 1+00N	201 238	< 5	1.16	< 0.2	< 5	240	< 0.5	< 2	0.14	< 0.5	5	12	8	1.45	< 10	1	0.09	20	0.24	90
L38W 1+50N	201 238	< 5	1.61	< 0.2	< 5	340	0.5	< 2	0.16	< 0.5	11	19	12	2.41	< 10	1	0.09	20	0.33	353
L38W 2+00N	201 238	< 5	1.24	< 0.2	5	230	0.5	< 2	0.12	< 0.5	7	16	6	1.70	< 10	1	0.05	20	0.28	159
L38W 2+50N	201 238	< 5	1.25	< 0.2	< 5	290	0.5	< 2	0.14	< 0.5	6	15	8	1.50	< 10	< 1	0.08	30	0.29	139
L38W 3+00N	201 238	50	1.30	< 0.2	5	360	0.5	< 2	0.11	< 0.5	6	12	7	1.45	< 10	< 1	0.10	20	0.25	129
L38W 3+50N	201 238	< 5	1.22	< 0.2	< 5	270	0.5	< 2	0.13	< 0.5	6	16	8	1.69	< 10	< 1	0.08	20	0.31	141
L38W 4+00N	201 238	30	0.74	< 0.2	< 5	210	< 0.5	< 2	0.08	< 0.5	4	4	5	0.85	< 10	< 1	0.14	30	0.15	74
L38W 4+50N	201 238	10	0.84	< 0.2	< 5	210	< 0.5	< 2	0.08	< 0.5	4	6	4	0.89	< 10	< 1	0.12	40	0.15	64
L38W 5+00N	201 238	< 5	1.81	< 0.2	< 5	470	0.5	< 2	0.07	< 0.5	7	20	8	2.11	< 10	< 1	0.07	20	0.29	142
L38W 5+50N	201 238	< 5	1.13	< 0.2	< 5	240	< 0.5	< 2	0.05	< 0.5	6	15	11	1.60	< 10	< 1	0.08	20	0.24	113
L38W 6+00N	201 238	25	1.08	2.0	< 5	380	< 0.5	< 2	0.06	< 0.5	6	12	15	1.43	< 10	< 1	0.06	20	0.24	102
L38W 6+50N	201 238	< 5	1.16	0.6	< 5	380	0.5	< 2	0.15	< 0.5	7	17	16	1.76	< 10	1	0.06	20	0.34	134
L38W 7+00N	201 238	< 5	1.14	1.0	< 5	360	< 0.5	< 2	0.09	< 0.5	5	12	20	1.53	< 10	< 1	0.11	20	0.26	83
L38W 7+50N	201 238	< 5	1.10	< 0.2	< 5	380	< 0.5	< 2	0.20	< 0.5	7	16	21	1.83	< 10	< 1	0.09	20	0.41	165
L38W 8+00N	201 238	< 5	1.17	< 0.2	< 5	370	0.5	< 2	0.14	< 0.5	7	13	13	1.67	< 10	1	0.12	30	0.51	200
L38W 8+50N	201 238	< 5	1.29	< 0.2	< 5	270	< 0.5	< 2	0.14	< 0.5	7	13	10	1.61	< 10	< 1	0.12	30	0.45	148
L38W 9+00N	201 238	< 5	1.47	< 0.2	< 5	290	0.5	< 2	0.12	< 0.5	7	12	18	2.21	< 10	< 1	0.16	30	0.83	295
L38W 9+50N	201 238	15	1.35	< 0.2	5	180	< 0.5	< 2	0.14	< 0.5	7	13	15	2.05	< 10	< 1	0.15	30	0.78	281
L38W 10+00N	201 238	30	1.35	< 0.2	20	270	0.5	< 2	0.19	< 0.5	8	16	18	1.98	< 10	< 1	0.13	30	0.68	282
L38W 10+50N	201 238	40	1.68	0.4	10	350	0.5	< 2	0.19	0.5	8	15	21	1.93	< 10	< 1	0.15	30	0.63	248

CERTIFICATION :



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Analyzers  
 212 BROOKSBANK AVE. NORTH VANCOUVER,  
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 PHONE (604) 984-0221

To: MARK MANAGEMENT LIMITED

1900 - 999 W. HASTINGS ST.  
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 V6C 2W2

Project: DAWSON  
 Comments: CC: P GRUNENBERG

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## CERTIFICATE OF ANALYSIS A8720529

SAMPLE DESCRIPTION	PREP CODE	Mg ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L36W 6+00N	201 238	< 1	< 0.01	6	110	18	< 5	< 10	11	0.05	< 10	< 10	29	< 5	36
L36W 6+50N	201 238	< 1	< 0.01	6	180	10	< 5	< 10	12	0.03	< 10	< 10	28	< 5	26
L36W 7+00N	201 238	< 1	< 0.01	6	200	10	< 5	< 10	15	0.04	< 10	< 10	24	< 5	37
L36W 7+50N	201 238	< 1	< 0.01	8	230	12	< 5	< 10	16	0.05	< 10	< 10	33	< 5	39
L36W 8+00N	201 238	< 1	< 0.01	8	220	18	< 5	< 10	14	0.05	< 10	< 10	26	< 5	45
L36W 8+50N	201 238	< 1	< 0.01	8	290	20	< 5	< 10	17	0.06	< 10	< 10	24	< 5	56
L36W 9+00N	201 238	< 1	< 0.01	10	400	10	< 5	< 10	18	0.07	< 10	< 10	22	< 5	63
L36W 9+50N	201 238	< 1	< 0.01	8	410	14	< 5	< 10	16	0.04	< 10	< 10	27	< 5	65
L36W 10+00N	201 238	< 1	< 0.01	8	370	8	< 5	< 10	15	0.06	< 10	< 10	24	< 5	70
L36W 10+50N	201 238	< 1	0.01	13	320	10	< 5	< 10	17	0.10	< 10	< 10	42	< 5	66
L36W 11+00N	201 238	< 1	< 0.01	11	380	16	< 5	< 10	22	0.10	< 10	< 10	35	< 5	66
L36W 11+50N	201 238	< 1	< 0.01	9	340	22	< 5	< 10	16	0.05	< 10	< 10	29	< 5	62
L36W 12+00N	201 238	< 1	< 0.01	6	340	16	< 5	< 10	21	0.07	< 10	< 10	23	< 5	46
L36W 12+50N	201 238	< 1	< 0.01	9	350	20	< 5	< 10	20	0.06	< 10	< 10	30	< 5	58
L36W 13+00N	201 238	< 1	< 0.01	11	350	20	< 5	< 10	19	0.06	< 10	< 10	31	< 5	54
L36W 13+50N	201 238	< 1	< 0.01	13	500	20	< 5	< 10	19	0.04	< 10	< 10	25	< 5	49
L36W 14+00N	201 238	< 1	< 0.01	8	390	22	< 5	< 10	17	0.05	< 10	< 10	27	< 5	51
L36W 14+50N	201 238	< 1	< 0.01	8	450	22	< 5	< 10	21	0.05	< 10	< 10	24	< 5	49
L36W 15+00N	201 238	< 1	< 0.01	7	310	18	< 5	< 10	18	0.05	< 10	< 10	22	< 5	42
L38W 0+50N	201 238	< 1	< 0.01	6	180	14	< 5	< 10	16	0.05	< 10	< 10	26	< 5	37
L38W 1+00N	201 238	< 1	< 0.01	5	250	18	< 5	< 10	15	0.04	< 10	< 10	28	< 5	35
L38W 1+50N	201 238	< 1	< 0.01	9	380	24	< 5	< 10	17	0.07	< 10	< 10	48	< 5	43
L38W 2+00N	201 238	< 1	< 0.01	6	130	12	< 5	< 10	13	0.05	< 10	< 10	32	< 5	32
L38W 2+50N	201 238	< 1	< 0.01	6	80	18	< 5	< 10	16	0.05	< 10	< 10	30	< 5	31
L38W 3+00N	201 238	< 1	< 0.01	7	100	14	< 5	< 10	14	0.05	< 10	< 10	30	< 5	31
L38W 3+50N	201 238	< 1	< 0.01	9	90	16	< 5	< 10	15	0.06	< 10	< 10	36	< 5	33
L38W 4+00N	201 238	< 1	< 0.01	3	200	24	< 5	< 10	8	0.01	< 10	< 10	12	< 5	27
L38W 4+50N	201 238	< 1	< 0.01	1	50	20	< 5	< 10	11	0.02	< 10	< 10	12	< 5	22
L38W 5+00N	201 238	< 1	< 0.01	10	150	14	< 5	< 10	11	0.04	< 10	< 10	42	< 5	32
L38W 5+50N	201 238	< 1	< 0.01	9	90	22	< 5	< 10	8	0.04	< 10	< 10	28	< 5	28
L38W 6+00N	201 238	< 1	< 0.01	6	70	50	< 5	< 10	9	0.03	< 10	< 10	25	< 5	29
L38W 6+50N	201 238	< 1	< 0.01	9	190	24	< 5	< 10	17	0.05	< 10	< 10	33	< 5	35
L38W 7+00N	201 238	< 1	< 0.01	6	200	22	< 5	< 10	15	0.04	< 10	< 10	25	< 5	29
L38W 7+50N	201 238	< 1	< 0.01	12	340	16	< 5	< 10	25	0.06	< 10	< 10	30	< 5	49
L38W 8+00N	201 238	< 1	< 0.01	8	250	14	< 5	< 10	15	0.04	< 10	< 10	24	< 5	51
L38W 8+50N	201 238	< 1	< 0.01	6	180	18	< 5	< 10	15	0.05	< 10	< 10	26	< 5	45
L38W 9+00N	201 238	< 1	< 0.01	6	330	34	< 5	< 10	15	0.06	< 10	< 10	22	< 5	96
L38W 9+50N	201 238	< 1	< 0.01	7	360	20	< 5	< 10	16	0.07	< 10	< 10	20	< 5	82
L38W 10+00N	201 238	< 1	< 0.01	9	360	14	< 5	< 10	19	0.07	< 10	< 10	25	< 5	71
L38W 10+50N	201 238	< 1	< 0.01	10	410	46	< 5	< 10	19	0.06	< 10	< 10	24	< 5	86

CERTIFICATION :

*PC 8*



# 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

1900 - 999 W. HASTINGS ST.

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Tot. Pk. 5

Date: 30-AUG-87

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## CERTIFICATE OF ANALYSIS A8720529

SAMPLE DESCRIPTION	PREP CODE	As ppb RUSH	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
L38W 11400N	201 238	35	1.82	0.4	15	330	< 0.5	< 2	0.09	< 0.5	8	16	17	2.17	< 10	< 1	0.14	20	0.56	238
L38W 12400N	201 238	20	1.25	< 0.2	5	160	< 0.5	< 2	0.16	< 0.5	6	14	8	1.64	< 10	< 1	0.10	20	0.37	114
L38W 12450N	201 238	15	1.15	< 0.2	10	160	< 0.5	< 2	0.16	< 0.5	6	14	8	1.79	< 10	2	0.08	10	0.31	137
L38W 13450N	201 238	15	1.00	< 0.2	5	140	< 0.5	< 2	0.14	< 0.5	5	13	6	1.29	< 10	1	0.08	20	0.27	75
L38W 14000N	201 238	30	1.28	< 0.2	5	200	< 0.5	< 2	0.17	< 0.5	7	16	13	1.58	< 10	< 1	0.10	20	0.41	128
L38W 14450N	201 238	25	1.17	< 0.2	15	180	< 0.5	< 2	0.19	< 0.5	8	15	8	2.03	< 10	< 1	0.09	20	0.38	201
L38W 15400N	201 238	20	1.05	< 0.2	< 5	160	< 0.5	< 2	0.15	< 0.5	5	14	7	1.27	< 10	1	0.08	10	0.32	76
L40W 0450N	201 238	5	1.00	< 0.2	5	220	< 0.5	< 2	0.13	< 0.5	6	12	6	1.43	< 10	< 1	0.07	20	0.27	116
L40W 1400N	201 238	10	1.06	< 0.2	< 5	280	< 0.5	< 2	0.14	< 0.5	5	13	5	1.37	< 10	< 1	0.06	20	0.27	88
L40W 1450N	201 238	< 5	0.74	< 0.2	< 5	210	< 0.5	< 2	0.09	< 0.5	4	8	4	1.10	< 10	< 1	0.08	20	0.20	85
L40W 2400N	201 238	< 5	0.69	< 0.2	< 5	280	< 0.5	< 2	0.09	< 0.5	4	6	5	0.93	< 10	< 1	0.08	30	0.18	75
L40W 2450N	201 238	< 5	0.93	< 0.2	< 5	270	< 0.5	< 2	0.12	< 0.5	5	11	5	1.19	< 10	1	0.07	20	0.22	112
L40W 3400N	201 238	< 5	0.83	< 0.2	< 5	220	< 0.5	< 2	0.12	< 0.5	4	8	3	1.01	< 10	< 1	0.09	20	0.19	68
L40W 3450N	201 238	< 5	0.59	0.2	< 5	260	< 0.5	< 2	0.05	< 0.5	4	3	4	0.71	< 10	1	0.11	30	0.13	46
L40W 4400N	201 238	< 5	0.89	< 0.2	< 5	200	< 0.5	< 2	0.06	< 0.5	4	8	5	1.26	< 10	< 1	0.10	10	0.17	75
L40W 4450N	201 238	< 5	2.09	< 0.4	< 5	530	0.5	< 2	0.13	< 0.5	10	34	24	2.69	< 10	< 1	0.06	20	0.45	245
L40W 5400N	201 238	< 5	1.70	< 0.2	< 5	300	0.5	< 2	0.11	< 0.5	7	24	14	2.17	< 10	< 1	0.07	20	0.37	166
L40W 5450N	201 238	< 5	1.23	< 0.2	< 5	190	0.5	< 2	0.06	< 0.5	5	14	9	2.38	< 10	< 1	0.09	20	0.23	104
L40W 6400N	201 238	< 5	1.80	< 0.2	< 5	240	0.5	< 2	0.09	< 0.5	7	22	10	2.67	< 10	< 1	0.06	10	0.34	167
L40W 6450N	201 238	< 5	1.02	< 0.2	< 5	260	< 0.5	< 2	0.06	< 0.5	5	10	6	1.17	< 10	< 1	0.12	40	0.15	64
L40W 7400N	201 238	< 5	1.42	< 0.2	< 5	240	0.5	< 2	0.11	< 0.5	7	16	9	1.78	< 10	< 1	0.09	20	0.30	139
L40W 7450N	201 238	< 5	1.15	0.2	< 5	320	0.5	< 2	0.19	< 0.5	8	16	15	1.61	< 10	< 1	0.08	20	0.34	157
L40W 8400N	201 238	< 5	1.22	< 0.2	5	230	0.5	< 2	0.13	< 0.5	7	13	15	1.87	< 10	< 1	0.18	20	0.42	165
L40W 8450N	201 238	< 5	1.27	< 0.2	10	250	0.5	< 2	0.12	< 0.5	7	14	18	1.71	< 10	2	0.14	20	0.39	175
L40W 9400N	201 238	10	1.77	0.4	< 5	660	1.0	< 2	0.14	0.5	7	18	24	2.02	< 10	< 1	0.14	30	0.36	135
L40W 9450N	201 238	5	1.15	0.2	< 5	370	0.5	< 2	0.15	< 0.5	6	9	12	1.26	< 10	< 1	0.11	30	0.45	125
L40W 10400N	201 238	5	1.43	0.4	< 5	410	0.5	< 2	0.16	< 0.5	7	15	22	1.62	< 10	< 1	0.11	30	0.42	159
L40W 10450N	201 238	< 5	1.36	0.2	< 5	330	0.5	< 2	0.20	< 0.5	7	14	14	1.66	< 10	< 1	0.11	30	0.40	131
L40W 11400N	201 238	< 5	1.42	0.2	< 5	250	0.5	< 2	0.19	< 0.5	7	14	12	1.86	< 10	< 1	0.11	20	0.39	121
L40W 11450N	201 238	< 5	1.28	0.6	5	220	0.5	< 2	0.17	< 0.5	6	14	10	1.65	< 10	< 1	0.11	20	0.33	116
L40W 12400N	201 238	< 5	1.21	0.4	< 5	200	0.5	< 2	0.19	< 0.5	6	11	10	1.36	< 10	< 1	0.11	30	0.47	153
L40W 12450N	201 238	< 5	1.17	0.2	< 5	170	0.5	< 2	0.18	< 0.5	8	12	8	1.49	< 10	1	0.10	20	0.38	109
L40W 13400N	201 238	< 5	1.31	< 0.2	< 5	160	0.5	< 2	0.16	< 0.5	6	16	10	1.77	< 10	< 1	0.07	10	0.35	96
L40W 13450N	201 238	< 5	1.20	< 0.2	< 5	140	0.5	< 2	0.17	< 0.5	7	14	8	1.79	< 10	< 1	0.07	20	0.36	166
L40W 14400N	201 238	< 5	1.27	< 0.2	< 5	190	0.5	< 2	0.18	< 0.5	6	16	11	1.61	< 10	< 1	0.08	20	0.35	99
L40W 14450N	201 238	25	1.04	< 0.2	< 5	130	< 0.5	< 2	0.15	< 0.5	6	14	5	1.38	< 10	< 1	0.07	10	0.31	145
L40W 15400N	201 238	10	1.00	< 0.2	< 5	140	0.5	< 2	0.16	< 0.5	6	13	6	1.41	< 10	< 1	0.06	10	0.31	90
L42W 0450N	201 238	15	1.25	0.2	5	370	0.5	< 2	0.16	< 0.5	6	14	9	1.63	< 10	< 1	0.07	20	0.28	91
L42W 1400N	201 238	< 5	0.98	< 0.2	< 5	310	0.5	< 2	0.15	< 0.5	5	12	5	1.35	< 10	1	0.07	20	0.29	95
L42W 1450N	201 238	5	1.02	0.2	5	550	0.5	< 2	0.15	< 0.5	6	12	8	1.45	< 10	< 1	0.10	30	0.29	137

CERTIFICATION



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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PHONE (604) 964-0221

To: MARK MANAGEMENT LIMITED

1900 - 999 W. HASTINGS ST.

VANCOUVER, B.C.

V6C 2W2

Project: DAWSON

Comments: CC: P. GRUNENBERG

Page No 1-B

Tot. Pa. 1

Date 30-AUG-87

Invoice #: I-8720529

P.O. #: ACR-DEL

## CERTIFICATE OF ANALYSIS A8720529

SAMPLE DESCRIPTION	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Se	Sr	Ti	Ti	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
L38W 11-00N	201	238	< 1	< 0.01	8	410	36	< 5	< 10	20	0.06	< 10	< 10	30	< 5	81
L38W 12-00N	201	238	< 1	< 0.01	7	310	18	< 5	< 10	16	0.06	< 10	< 10	32	< 5	53
L38W 12-50N	201	238	< 1	< 0.01	6	380	22	< 5	< 10	16	0.05	< 10	< 10	32	< 5	44
L38W 13-50N	201	238	< 1	< 0.01	5	330	10	< 5	< 10	14	0.04	< 10	< 10	22	< 5	35
L38W 14-00N	201	238	< 1	< 0.01	9	380	20	< 5	< 10	17	0.05	< 10	< 10	32	< 5	53
L38W 14-50N	201	238	< 1	< 0.01	7	470	14	< 5	< 10	19	0.05	< 10	< 10	34	< 5	48
L38W 15-00N	201	238	< 1	< 0.01	6	300	12	< 5	< 10	15	0.05	< 10	< 10	21	< 5	38
L40W 04-50N	201	238	< 1	< 0.01	6	170	10	< 5	< 10	13	0.05	< 10	< 10	26	< 5	36
L40W 1-00N	201	238	< 1	< 0.01	5	160	12	< 5	< 10	14	0.05	< 10	< 10	27	< 5	32
L40W 1-50N	201	238	< 1	< 0.01	4	120	18	< 5	< 10	10	0.04	< 10	< 10	20	< 5	29
L40W 2-00N	201	238	< 1	< 0.01	1	130	22	< 5	< 10	10	0.03	< 10	< 10	14	< 5	29
L40W 2-50N	201	238	< 1	< 0.01	5	80	14	< 5	< 10	13	0.05	< 10	< 10	25	< 5	24
L40W 3-00N	201	238	< 1	< 0.01	3	80	12	< 5	< 10	13	0.04	< 10	< 10	22	< 5	21
L40W 3-50N	201	238	< 1	< 0.01	< 1	70	20	< 5	< 10	7	0.01	< 10	< 10	11	< 5	26
L40W 4-00N	201	238	< 1	< 0.01	4	70	16	< 5	< 10	8	0.03	< 10	< 10	21	< 5	27
L40W 4-50N	201	238	< 1	< 0.01	16	100	16	< 5	< 10	17	0.07	< 10	< 10	51	< 5	47
L40W 5-00N	201	238	< 1	< 0.01	12	90	16	< 5	< 10	14	0.06	< 10	< 10	41	< 5	40
L40W 5-50N	201	238	< 1	< 0.01	5	180	20	< 5	< 10	8	0.05	< 10	< 10	46	< 5	31
L40W 6-00N	201	238	< 1	< 0.01	11	130	16	< 5	< 10	13	0.06	< 10	< 10	47	< 5	42
L40W 6-50N	201	238	< 1	< 0.01	3	80	26	< 5	< 10	9	0.02	< 10	< 10	17	< 5	22
L40W 7-00N	201	238	< 1	< 0.01	9	120	22	< 5	< 10	12	0.06	< 10	< 10	35	< 5	35
L40W 7-50N	201	238	< 1	< 0.01	8	210	12	< 5	< 10	21	0.06	< 10	< 10	30	< 5	36
L40W 8-00N	201	238	< 1	< 0.01	7	260	38	< 5	< 10	30	0.06	< 10	< 10	26	< 5	56
L40W 8-50N	201	238	< 1	< 0.01	7	230	32	< 5	< 10	17	0.05	< 10	< 10	25	< 5	67
L40W 9-00N	201	238	< 1	< 0.01	9	540	46	< 5	< 10	20	0.04	< 10	< 10	26	< 5	52
L40W 9-50N	201	238	< 1	< 0.01	5	330	26	< 5	< 10	15	0.03	< 10	< 10	14	< 5	60
L40W 10-00N	201	238	< 1	< 0.01	7	410	28	< 5	< 10	17	0.04	< 10	< 10	21	< 5	64
L40W 10-50N	201	238	< 1	< 0.01	8	390	18	< 5	< 10	20	0.05	< 10	< 10	26	< 5	60
L40W 11-00N	201	238	< 1	< 0.01	8	430	18	< 5	< 10	18	0.05	< 10	< 10	27	< 5	61
L40W 11-50N	201	238	< 1	< 0.01	6	370	24	< 5	< 10	16	0.05	< 10	< 10	31	< 5	51
L40W 12-00N	201	238	< 1	< 0.01	4	310	26	< 5	< 10	18	0.06	< 10	< 10	22	< 5	60
L40W 12-50N	201	238	< 1	< 0.01	6	360	40	< 5	< 10	16	0.05	< 10	< 10	29	< 5	60
L40W 13-00N	201	238	< 1	< 0.01	6	300	28	< 5	< 10	14	0.05	< 10	< 10	29	< 5	56
L40W 13-50N	201	238	< 1	< 0.02	6	400	26	< 5	< 10	15	0.05	< 10	< 10	31	< 5	58
L40W 14-00N	201	238	< 1	< 0.01	6	410	18	< 5	< 10	17	0.05	< 10	< 10	27	< 5	56
L40W 14-50N	201	238	< 1	< 0.01	6	370	18	< 5	< 10	15	0.04	< 10	< 10	26	< 5	46
L40W 15-00N	201	238	< 1	< 0.01	6	370	14	< 5	< 10	15	0.04	< 10	< 10	27	< 5	47
L42W 04-50N	201	238	< 1	< 0.01	7	400	16	< 5	< 10	17	0.03	< 10	< 10	27	< 5	38
L42W 1-00N	201	238	< 1	< 0.01	5	180	22	< 5	< 10	14	0.04	< 10	< 10	26	< 5	32
L42W 1-50N	201	238	< 1	< 0.01	6	150	20	< 5	< 10	16	0.04	< 10	< 10	25	< 5	31

CERTIFICATION :



# Chemex Labs Ltd.

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

To: MARK MANAGEMENT LIMITED

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Project: DAWSON  
 Comments: CC: P GRUNENBERG

Page No: 4-A  
 Tot. Pgs: 1  
 Date: 30-AUG-87  
 Invoice #: I-8720529  
 P.O. #: ACR-DEL

## CERTIFICATE OF ANALYSIS A8720529

SAMPLE DESCRIPTION	PREP CODE	Au ppb RUSSH	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
L42W 2+00N	201 238	< 5	0.72	< 0.2	< 5	470	0.5	< 2	0.15	< 0.5	5	8	7	1.13	< 10	< 1	0.11	20	0.23	91
L42W 2+50N	201 238	< 5	1.25	< 0.2	< 5	280	0.5	< 2	0.09	< 0.5	6	14	9	1.71	< 10	< 1	0.08	20	0.29	113
L42W 3+00N	201 238	< 5	1.17	0.2	< 5	700	1.0	< 2	0.16	< 0.5	6	13	11	1.48	< 10	1	0.10	30	0.28	122
L42W 3+50N	201 238	< 5	0.62	< 0.2	< 5	280	< 0.5	< 2	0.06	< 0.5	4	3	3	0.69	< 10	< 1	0.11	20	0.14	18
L42W 4+00N	201 238	< 5	1.27	0.4	5	700	1.0	< 2	0.18	< 0.5	8	14	11	1.70	< 10	< 1	0.09	30	0.30	317
L42W 4+50N	201 238	< 5	1.35	< 0.2	< 5	550	0.5	< 2	0.17	< 0.5	7	17	10	1.91	< 10	1	0.09	20	0.32	214
L42W 5+00N	201 238	15	1.45	< 0.2	5	360	0.5	< 2	0.12	< 0.5	7	16	10	1.94	< 10	< 1	0.08	20	0.31	150
L42W 5+50N	201 238	< 5	1.81	< 0.2	< 5	390	0.5	< 2	0.12	< 0.5	7	20	11	2.15	< 10	< 1	0.08	20	0.33	167
L42W 6+00N	201 238	10	1.75	< 0.2	< 5	270	0.5	< 2	0.12	< 0.5	7	20	9	2.23	< 10	< 1	0.07	20	0.34	151
L42W 6+50N	201 238	< 5	1.90	< 0.2	5	290	1.0	< 2	0.14	< 0.5	7	22	11	2.30	< 10	< 1	0.08	20	0.34	158
L42W 7+00N	201 238	< 5	1.17	< 0.2	< 5	350	0.5	< 2	0.17	< 0.5	7	17	9	1.63	< 10	1	0.08	20	0.34	145
L42W 7+50N	201 238	< 5	1.19	0.6	5	220	0.5	< 2	0.07	< 0.5	6	12	6	1.53	< 10	< 1	0.09	20	0.23	99
L42W 8+00N	201 238	5	1.23	< 0.2	< 5	340	< 0.5	< 2	0.14	< 0.5	6	13	14	1.72	< 10	< 1	0.09	20	0.28	131
L42W 8+50N	201 238	< 5	1.30	< 0.2	< 5	300	< 0.5	< 2	0.16	< 0.5	5	16	17	1.96	< 10	< 1	0.09	20	0.35	136
L42W 9+00N	201 238	< 5	1.28	< 0.2	5	300	< 0.5	< 2	0.15	< 0.5	6	15	18	1.91	< 10	< 1	0.09	20	0.37	174
L42W 9+50N	201 238	< 5	1.18	< 0.2	< 5	310	< 0.5	< 2	0.14	< 0.5	6	12	13	1.49	< 10	< 1	0.11	20	0.33	177
L42W 10+00N	201 238	< 5	1.00	< 0.2	5	220	< 0.5	< 2	0.12	< 0.5	7	11	7	1.22	< 10	< 1	0.08	20	0.24	229
L42W 10+50N	201 238	< 5	1.08	< 0.2	< 5	260	< 0.5	< 2	0.19	< 0.5	6	13	11	1.59	< 10	< 1	0.07	20	0.33	124
L42W 11+00N	201 238	< 5	1.03	< 0.2	< 5	230	< 0.5	< 2	0.17	< 0.5	5	12	8	1.46	< 10	< 1	0.07	20	0.29	97
L42W 11+50N	201 238	< 5	1.23	< 0.2	< 5	300	< 0.5	< 2	0.17	< 0.5	6	15	10	1.85	< 10	1	0.08	20	0.33	123
L42W 12+00N	201 238	< 5	0.96	< 0.2	5	170	< 0.5	< 2	0.14	< 0.5	6	12	7	1.41	< 10	< 1	0.05	20	0.27	97
L42W 12+50N	201 238	10	1.10	< 0.2	5	180	< 0.5	< 2	0.16	< 0.5	6	13	10	1.60	< 10	< 1	0.06	20	0.30	214
L42W 13+00N	201 238	10	1.06	< 0.2	5	180	< 0.5	< 2	0.14	< 0.5	6	14	8	1.54	< 10	< 1	0.06	10	0.30	105
L42W 13+50N	201 238	5	1.15	< 0.2	5	200	< 0.5	< 2	0.17	0.5	6	15	10	1.74	< 10	< 1	0.06	10	0.32	106
L42W 14+00N	201 238	10	1.11	< 0.2	5	180	< 0.5	< 2	0.16	< 0.5	6	14	10	1.59	< 10	< 1	0.06	10	0.29	99
L42W 14+50N	201 238	< 5	1.06	< 0.2	< 5	150	< 0.5	< 2	0.20	< 0.5	9	14	8	1.93	< 10	< 1	0.08	20	0.36	271
L42W 15+00N	201 238	10	0.93	< 0.2	5	170	< 0.5	< 2	0.18	< 0.5	6	14	8	1.59	< 10	< 1	0.05	10	0.28	113
L44W 0+50N	201 238	5	0.95	< 0.2	5	420	< 0.5	< 2	0.15	< 0.5	6	11	7	1.32	< 10	< 1	0.13	30	0.28	297
L44W 1+00N	201 238	10	0.82	< 0.2	5	330	< 0.5	< 2	0.15	< 0.5	5	12	6	1.21	< 10	< 1	0.06	30	0.28	87
L44W 1+50N	201 238	< 5	0.83	< 0.2	< 5	340	< 0.5	< 2	0.15	< 0.5	6	11	5	1.28	< 10	< 1	0.06	10	0.26	99
L44W 2+00N	201 238	< 5	1.05	< 0.2	< 5	260	< 0.5	< 2	0.09	< 0.5	6	13	9	1.55	< 10	< 1	0.07	20	0.30	106
L44W 2+50N	201 238	< 5	0.79	< 0.2	5	280	< 0.5	< 2	0.09	< 0.5	6	9	5	1.30	< 10	< 1	0.06	20	0.22	102
L44W 3+00N	201 238	5	1.01	< 0.2	10	380	< 0.5	< 2	0.16	< 0.5	6	14	7	1.67	< 10	< 1	0.07	20	0.31	147
L44W 3+50N	201 238	5	0.69	< 0.2	< 5	280	< 0.5	< 2	0.12	< 0.5	4	6	5	0.92	< 10	< 1	0.11	20	0.19	78
L44W 4+00N	201 238	< 5	0.90	< 0.2	< 5	290	< 0.5	< 2	0.14	< 0.5	5	10	5	1.18	< 10	< 1	0.08	20	0.25	81
L44W 4+50N	201 238	5	1.06	< 0.2	< 5	300	< 0.5	< 2	0.15	< 0.5	6	14	6	1.52	< 10	< 1	0.09	20	0.28	109
L44W 5+00N	201 238	20	0.84	< 0.2	< 5	270	< 0.5	< 2	0.13	< 0.5	5	9	4	1.22	< 10	< 1	0.09	20	0.23	104
L44W 5+50N	201 238	5	1.26	< 0.2	< 5	350	< 0.5	< 2	0.16	< 0.5	6	17	8	1.85	< 10	< 1	0.09	20	0.35	170
L44W 6+00N	201 238	5	1.33	0.2	< 5	640	< 0.5	< 2	0.21	0.5	9	15	14	1.77	< 10	2	0.12	30	0.30	403
L44W 6+50N	201 238	10	1.22	< 0.2	< 5	360	< 0.5	< 2	0.16	< 0.5	11	15	9	1.82	< 10	< 1	0.09	10	0.29	609

CERTIFICATION :

*[Handwritten signature]*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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

PHONE (604) 984-0121

To: MARK MANAGEMENT LIMITED

1900 - 999 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6C 2W2

Project: DAWSON

Comments: CC: P GRUNJENBERG

Page No. 4-B  
Tot. Pag  
Date : 30-AUG-87  
Invoice #: I-8720529  
P.O. #: ACR-DEL

## CERTIFICATE OF ANALYSIS A8720529

SAMPLE DESCRIPTION	PREP CODE	Mb ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L42W 2+00N	201 238	< 1	< 0.01	3	130	24	< 5	< 10	17	0.03	< 10	< 10	21	< 5	24
L42W 2+50N	201 238	< 1	< 0.01	6	120	16	< 5	< 10	11	0.04	< 10	< 10	28	< 5	29
L42W 3+00N	201 238	< 1	< 0.01	7	120	24	< 5	< 10	19	0.04	< 10	< 10	27	< 5	30
L42W 3+50N	201 238	< 1	< 0.01	2	120	16	< 5	< 10	9	0.01	< 10	< 10	10	< 5	16
L42W 4+00N	201 238	< 1	< 0.01	6	130	18	< 5	< 10	19	0.06	< 10	< 10	36	< 5	37
L42W 4+50N	201 238	< 1	< 0.01	9	130	18	< 5	< 10	18	0.05	< 10	< 10	36	< 5	38
L42W 5+00N	201 238	< 1	< 0.01	9	140	18	< 5	< 10	14	0.05	< 10	< 10	33	< 5	37
L42W 5+50N	201 238	< 1	< 0.01	9	120	20	< 5	< 10	15	0.06	< 10	< 10	39	< 5	38
L42W 6+00N	201 238	< 1	< 0.01	10	120	18	< 5	< 10	14	0.07	< 10	< 10	43	< 5	38
L42W 6+50N	201 238	< 1	< 0.01	10	150	18	< 5	< 10	17	0.07	< 10	< 10	44	< 5	40
L42W 7+00N	201 238	< 1	< 0.01	8	120	14	< 5	< 10	17	0.06	< 10	< 10	32	< 5	37
L42W 7+50N	201 238	< 1	< 0.01	4	130	18	< 5	< 10	9	0.05	< 10	< 10	28	< 5	33
L42W 8+00N	201 238	< 1	< 0.01	8	270	26	< 5	< 10	19	0.05	< 10	< 10	29	< 5	36
L42W 8+50N	201 238	< 1	< 0.01	10	330	10	< 5	< 10	24	0.06	< 10	< 10	30	< 5	41
L42W 9+00N	201 238	< 1	< 0.01	9	310	14	< 5	< 10	21	0.06	< 10	< 10	29	< 5	48
L42W 9+50N	201 238	< 1	< 0.01	6	410	16	< 5	< 10	19	0.05	< 10	< 10	23	< 5	54
L42W 10+00N	201 238	< 1	< 0.01	5	270	16	< 5	< 10	15	0.05	< 10	< 10	17	< 5	36
L42W 10+50N	201 238	< 1	< 0.01	6	430	14	< 5	< 10	17	0.06	< 10	< 10	27	< 5	48
L42W 11+00N	201 238	< 1	< 0.01	6	400	12	< 5	< 10	16	0.05	< 10	< 10	25	< 5	40
L42W 11+50N	201 238	< 1	< 0.01	8	440	10	< 5	< 10	17	0.06	< 10	< 10	32	< 5	52
L42W 12+00N	201 238	< 1	< 0.01	5	340	10	< 5	< 10	13	0.05	< 10	< 10	33	< 5	42
L42W 12+50N	201 238	< 1	< 0.01	5	430	20	< 5	< 10	15	0.05	< 10	< 10	30	< 5	52
L42W 13+00N	201 238	< 1	< 0.01	7	420	18	< 5	< 10	14	0.04	< 10	< 10	25	< 5	49
L42W 13+50N	201 238	< 1	< 0.01	8	470	14	< 5	< 10	15	0.05	< 10	< 10	31	< 5	53
L42W 14+00N	201 238	< 1	< 0.01	8	410	14	< 5	< 10	15	0.05	< 10	< 10	30	< 5	50
L42W 14+50N	201 238	< 1	< 0.01	8	550	12	< 5	< 10	18	0.05	< 10	< 10	35	< 5	55
L42W 15+00N	201 238	< 1	< 0.01	8	450	10	< 5	< 10	17	0.05	< 10	< 10	32	< 5	43
L44W 0+50N	201 238	< 1	< 0.01	6	200	16	< 5	< 10	15	0.04	< 10	< 10	23	< 5	33
L44W 1+00N	201 238	< 1	< 0.01	5	140	10	< 5	< 10	15	0.05	< 10	< 10	22	< 5	27
L44W 1+50N	201 238	< 1	< 0.01	5	160	14	< 5	< 10	14	0.04	< 10	< 10	24	< 5	26
L44W 2+00N	201 238	< 1	< 0.01	6	80	14	< 5	< 10	10	0.04	< 10	< 10	25	< 5	34
L44W 2+50N	201 238	< 1	< 0.01	3	80	16	< 5	< 10	10	0.03	< 10	< 10	22	< 5	25
L44W 3+00N	201 238	< 1	< 0.01	6	130	16	< 5	< 10	16	0.04	< 10	< 10	28	< 5	31
L44W 3+50N	201 238	< 1	< 0.01	2	90	14	< 5	< 10	13	0.03	< 10	< 10	16	< 5	24
L44W 4+00N	201 238	< 1	< 0.01	4	90	14	< 5	< 10	16	0.06	< 10	< 10	23	< 5	27
L44W 4+50N	201 238	< 1	< 0.01	6	80	16	< 5	< 10	16	0.06	< 10	< 10	30	< 5	32
L44W 5+00N	201 238	< 1	< 0.01	4	100	16	< 5	< 10	13	0.05	< 10	< 10	24	< 5	29
L44W 5+50N	201 238	< 1	< 0.01	8	130	16	< 5	< 10	17	0.06	< 10	< 10	33	< 5	41
L44W 6+00N	201 238	< 1	< 0.01	9	330	22	< 5	< 10	23	0.05	< 10	< 10	33	< 5	42
L44W 6+50N	201 238	< 1	< 0.01	7	300	18	< 5	< 10	16	0.06	< 10	< 10	36	< 5	46

CERTIFICATION :



# 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

1900 - 999 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6C 2W2

Project: DAWSON

Comments: CC: P GRUNENBERG

Page No: 5-A  
Tot. Pals: 5  
Date: 30-AUG-87  
Invoice #: I-8720529  
P.O. #: ACR-DEL

## CERTIFICATE OF ANALYSIS A8720529

SAMPLE DESCRIPTION	PREP CODE	Au ppb RUSH	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
L44V 7+00N	201 238	35	1.07	< 0.2	< 5	310	< 0.5	< 2	0.16	< 0.5	6	14	6	1.57	< 10	< 1	0.06	20	0.32	123
L44V 7-50N	201 238	< 5	1.29	< 0.2	< 5	340	< 0.5	< 2	0.17	< 0.5	5	21	8	1.93	< 10	< 1	0.05	20	0.37	144
L44V 8+00N	201 238	5	1.04	< 0.2	5	280	< 0.5	< 2	0.11	< 0.5	6	14	8	1.49	< 10	< 1	0.07	20	0.26	105
L44V 8-50N	201 238	5	1.13	0.2	10	340	< 0.5	< 2	0.13	< 0.5	5	13	9	1.46	< 10	< 1	0.09	20	0.27	107
L44V 9+00N	201 238	40	1.33	0.2	< 5	380	< 0.5	< 2	0.21	< 0.5	6	16	15	1.85	< 10	< 1	0.08	20	0.33	194
L44V 9-50N	201 238	20	1.13	0.2	5	310	< 0.5	< 2	0.43	< 0.5	8	21	23	2.16	< 10	< 1	0.06	20	0.45	264
L44V 10+00N	201 238	15	1.31	0.2	< 5	350	< 0.5	< 2	0.41	< 0.5	10	20	18	2.20	< 10	< 1	0.05	20	0.39	277
L44V 10-50N	201 238	5	1.25	< 0.2	5	330	< 0.5	< 2	0.57	< 0.5	11	23	23	2.45	< 10	< 1	0.09	20	0.56	406
L44V 11+00N	201 238	< 5	1.17	< 0.2	10	320	< 0.5	< 2	0.51	< 0.5	12	22	27	2.37	< 10	< 1	0.09	20	0.54	465
L44V 11-50N	201 238	< 5	1.29	0.2	5	320	< 0.5	< 2	0.50	< 0.5	11	23	27	2.44	< 10	< 1	0.08	20	0.53	232
L44V 12+00N	201 238	< 5	1.16	0.2	< 5	280	< 0.5	< 2	0.51	< 0.5	8	21	20	2.24	< 10	< 1	0.07	20	0.47	215
L44V 12-50N	201 238	< 5	1.16	0.2	< 5	390	< 0.5	< 2	0.88	0.5	11	21	18	1.98	< 10	< 1	0.06	10	0.44	494
L44V 13+00N	201 238	5	1.17	< 0.2	< 5	330	< 0.5	< 2	0.44	0.5	11	20	15	2.41	< 10	< 1	0.06	20	0.45	230
L44V 13-50N	201 238	20	0.99	< 0.2	< 5	300	< 0.5	< 2	0.37	< 0.5	6	17	11	1.90	< 10	< 1	0.06	10	0.40	263
L44V 14+00N	201 238	20	0.94	< 0.2	< 5	260	< 0.5	< 2	0.40	< 0.5	11	17	9	1.93	< 10	< 1	0.06	10	0.39	436
L44V 14-50N	201 238	10	1.13	< 0.2	< 5	280	< 0.5	< 2	0.37	0.5	5	19	10	1.98	< 10	< 1	0.06	10	0.43	201
L44V 15+00N	201 238	40	0.93	< 0.2	< 5	170	< 0.5	< 2	0.26	0.5	12	15	5	1.73	< 10	< 1	0.06	10	0.34	498

CERTIFICATION :



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

212 BROOKSBANK AVE. NORTH VANCOUVER,  
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Project: DAWSON

Comments: CC: P GRUNENBERG

Page No: 5-B  
Tot. P: 5  
Date: 30-AUG-87  
Invoice #: I-8720529  
P.O. #: ACR-DEL

## CERTIFICATE OF ANALYSIS A8720529

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L44W 7+00N	201 238	< 1	< 0.01	6	130	12	< 5	< 10	17	0.05	< 10	< 10	30	< 5	35
L44W 7+50N	201 238	< 1	< 0.01	8	90	12	< 5	< 10	18	0.07	< 10	< 10	38	< 5	39
L44W 8+00N	201 238	< 1	< 0.01	7	130	16	< 5	< 10	13	0.06	< 10	< 10	30	< 5	32
L44W 8+50N	201 238	< 1	< 0.01	7	210	20	< 5	< 10	15	0.05	< 10	< 10	28	< 5	38
L44W 9+00N	201 238	< 1	< 0.01	9	360	18	< 5	< 10	21	0.06	< 10	< 10	34	< 5	46
L44W 9+50N	201 238	< 1	0.01	19	680	10	< 5	< 10	29	0.07	< 10	< 10	42	< 5	50
L44W 10+00N	201 238	< 1	< 0.01	16	580	8	< 5	< 10	31	0.07	< 10	< 10	44	< 5	49
L44W 10+50N	201 238	< 1	0.02	23	730	10	< 5	< 10	40	0.08	< 10	< 10	50	< 5	63
L44W 11+00N	201 238	< 1	0.02	23	740	8	< 5	< 10	34	0.08	< 10	< 10	45	< 5	63
L44W 11+50N	201 238	< 1	0.01	19	720	10	< 5	< 10	33	0.08	< 10	< 10	49	< 5	62
L44W 12+00N	201 238	< 1	0.01	12	690	8	< 5	< 10	33	0.07	< 10	< 10	44	< 5	54
L44W 12+50N	201 238	< 1	0.01	12	710	10	< 5	< 10	46	0.07	< 10	< 10	40	< 5	57
L44W 13+00N	201 238	< 1	0.01	14	640	12	< 5	< 10	30	0.06	< 10	< 10	42	< 5	63
L44W 13+50N	201 238	< 1	< 0.01	13	630	6	< 5	< 10	27	0.05	< 10	< 10	38	< 5	59
L44W 14+00N	201 238	< 1	< 0.01	12	580	12	< 5	< 10	27	0.05	< 10	< 10	38	< 5	55
L44W 14+50N	201 238	< 1	< 0.01	11	520	12	< 5	< 10	25	0.06	< 10	< 10	39	< 5	57
L44W 15+00N	201 238	< 1	< 0.01	8	500	14	< 5	< 10	19	0.05	< 10	< 10	35	< 5	52

CERTIFICATION :



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

212 BPOOKSBANK AVE. NORTH VANCOUVER,  
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V6C 2W2

Project: DAWSON

Comments: ATTN: ART TROUP CC: PERRY GRUNENBERG

Page No. 1-A

Tot. Pag

Date: 8-SEP-87

Invoice #: I-8721067

P.O. #: ACR-DEL

## CERTIFICATE OF ANALYSIS A8721067

SAMPLE DESCRIPTION	PREP CODE	Au ppb RUSH	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
L 10W 0400S	201 238	< 5	0.96	< 0.2	< 5	220	< 0.5	< 2	0.16	< 0.5	2	12	7	0.98	< 10	1	0.07	30	0.24	78
L 10W 0450S	201 238	< 5	0.88	< 0.2	5	180	< 0.5	< 2	0.17	< 0.5	2	10	8	1.03	< 10	< 1	0.06	20	0.26	94
L 10W 1400S	201 238	< 5	0.92	< 0.2	5	170	< 0.5	< 2	0.15	< 0.5	2	12	12	1.21	< 10	< 1	0.07	20	0.23	79
L 10W 1450S	201 238	< 5	0.94	< 0.2	10	230	< 0.5	< 2	0.18	< 0.5	3	11	12	1.37	< 10	1	0.06	10	0.18	79
L 10W 2400S	201 238	< 5	1.14	< 0.2	10	200	< 0.5	< 2	0.19	< 0.5	3	14	11	1.39	< 10	1	0.07	20	0.29	103
L 10W 2450S	201 238	< 5	1.10	< 0.2	10	190	< 0.5	< 2	0.18	< 0.5	3	15	11	1.38	< 10	< 1	0.07	20	0.26	96
L 10W 3400S	201 238	< 5	1.20	0.2	15	220	< 0.5	< 2	0.20	< 0.5	4	15	15	1.65	< 10	< 1	0.07	20	0.28	97
L 10W 3450S	201 238	10	1.80	0.2	20	230	< 0.5	< 2	0.20	< 0.5	6	22	30	2.56	< 10	1	0.11	30	0.57	238
L 10W 4400S	201 238	5	1.90	1.2	5	360	< 0.5	< 2	0.23	0.5	8	21	36	2.27	< 10	< 1	0.15	50	0.51	321
L 10W 4450S	201 238	10	1.33	0.4	35	180	< 0.5	< 2	0.19	< 0.5	6	18	17	2.10	< 10	< 1	0.11	50	0.46	230
L 10W 5400S	201 238	5	1.53	< 0.2	35	170	< 0.5	< 2	0.18	< 0.5	7	20	19	2.41	< 10	1	0.09	20	0.52	257
L 10W 5450S	201 238	55	2.05	0.4	170	190	< 0.5	< 2	0.11	< 0.5	10	25	32	3.07	< 10	< 1	0.08	20	0.50	293
L 10W 6400S	201 238	< 5	1.50	0.2	20	180	< 0.5	< 2	0.10	0.5	5	21	30	2.40	< 10	< 1	0.09	20	0.46	190
L 10W 16400N	201 238	< 5	0.98	0.2	< 5	260	< 0.5	< 2	0.43	< 0.5	6	18	6	1.81	< 10	< 1	0.06	20	0.35	296
L 10W 16450N	201 238	< 5	1.13	< 0.2	5	320	< 0.5	< 2	0.54	< 0.5	8	22	13	2.04	< 10	< 1	0.09	20	0.46	348
L 10W 17400N	201 238	< 5	1.13	0.2	5	310	< 0.5	< 2	0.60	< 0.5	8	22	12	2.02	< 10	< 1	0.07	10	0.46	359
L 10W 17450N	201 238	5	1.10	0.4	< 5	290	< 0.5	< 2	0.62	< 0.5	9	22	15	2.11	< 10	< 1	0.07	20	0.47	284
L 10W 18400N	201 238	< 5	1.34	0.2	5	440	< 0.5	< 2	0.49	< 0.5	10	23	16	2.30	< 10	< 1	0.07	20	0.45	339
L 12W 0450N	201 238	5	1.53	0.8	10	630	< 0.5	< 2	0.17	< 0.5	4	14	12	1.40	< 10	< 1	0.12	60	0.23	74
L 12W 1450N	201 238	50	0.88	0.2	< 5	350	< 0.5	< 2	0.09	< 0.5	1	8	6	0.77	< 10	1	0.09	30	0.12	44
L 12W 2400N	201 238	5	0.87	0.4	< 5	280	< 0.5	< 2	0.08	< 0.5	1	9	7	0.83	< 10	1	0.09	30	0.12	14
L 12W 3400N	201 238	< 5	0.82	0.2	5	220	< 0.5	< 2	0.11	< 0.5	2	11	4	0.90	< 10	< 1	0.08	30	0.17	53
L 12W 3450N	201 238	< 5	0.98	0.2	5	380	< 0.5	< 2	0.11	< 0.5	2	13	7	0.76	< 10	1	0.09	40	0.12	41
L 12W 6400N	201 238	20	1.13	0.4	< 5	510	< 0.5	< 2	0.15	0.5	3	19	12	1.74	< 10	1	0.08	20	0.24	94
L 12W 6450N	201 238	30	0.76	0.2	5	340	< 0.5	< 2	0.13	< 0.5	2	13	7	0.86	< 10	1	0.07	20	0.13	44
L 12W 7400N	201 238	25	0.77	0.2	< 5	280	< 0.5	< 2	0.14	< 0.5	2	12	5	0.88	< 10	1	0.08	30	0.22	53
L 12W 7450N	201 238	15	0.86	< 0.2	< 5	320	< 0.5	< 2	0.14	0.5	3	11	5	1.00	< 10	1	0.09	20	0.22	68
L 12W 8400N	201 238	15	0.70	< 0.2	< 5	200	< 0.5	< 2	0.12	< 0.5	1	9	3	0.75	< 10	< 1	0.08	20	0.20	53
L 12W 8450N	201 238	5	1.41	0.6	< 5	440	< 0.5	< 2	0.42	0.5	5	15	10	1.66	< 10	< 1	0.12	30	0.49	175
L 12W 9400N	201 238	10	2.06	1.0	< 5	460	< 0.5	< 2	0.28	0.5	6	21	16	2.25	< 10	2	0.13	30	0.72	146
L 17W 16475S	201 238	10	1.23	0.4	< 5	430	< 0.5	< 2	0.15	< 0.5	4	11	10	1.47	< 10	< 1	0.25	50	0.50	167
L 17W 17400S	201 238	20	1.24	0.4	10	390	< 0.5	< 2	0.65	0.5	9	20	21	2.23	< 10	< 1	0.20	20	0.67	417
L 17W 17450S	201 238	25	1.14	0.6	5	500	< 0.5	< 2	0.69	0.5	7	14	39	1.80	< 10	< 1	0.20	30	0.64	405
L 17W 18400S	201 238	15	0.98	0.2	10	330	< 0.5	< 2	0.48	0.5	8	15	20	1.89	< 10	1	0.16	20	0.52	369
L 17W 18425S	201 238	35	0.88	0.2	5	260	< 0.5	< 2	0.27	< 0.5	5	12	12	1.66	< 10	1	0.14	20	0.41	181
L 17W 18450S	201 238	5	0.94	< 0.2	< 5	270	< 0.5	< 2	0.38	< 0.5	7	15	7	1.80	< 10	< 1	0.07	20	0.40	341
L 17W 18475S	201 238	5	1.27	0.2	< 5	420	< 0.5	< 2	0.54	< 0.5	10	21	10	2.10	< 10	< 1	0.08	20	0.48	548
L 17W 19425S	201 238	< 5	1.37	0.2	< 5	470	< 0.5	< 2	0.53	0.5	10	23	20	2.43	< 10	< 1	0.09	20	0.50	526
L 17W 19475S	201 238	< 5	1.30	0.2	< 5	390	< 0.5	< 2	0.48	< 0.5	7	20	14	2.04	< 10	< 1	0.09	20	0.47	270
L 17W 24400S	201 238	< 5	1.15	< 0.2	5	370	< 0.5	< 2	0.40	< 0.5	16	18	12	2.02	< 10	2	0.08	20	0.42	665

CERTIFICATION :

*BC 8*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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Page No: 1-B

Tot. P: 2

Date : 8-SEP-87

Invoice #: 1-8721067

P.O. #: AOR-DEL

## CERTIFICATE OF ANALYSIS A8721067

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L 10W 0+00S	201 238	< 1	< 0.01	4	280	46	< 5	< 10	17	0.03	< 10	< 10	14	< 5	41
L 10W 0+50S	201 238	< 1	< 0.01	5	340	36	< 5	< 10	16	0.03	< 10	< 10	12	< 5	42
L 10W 1+00S	201 238	< 1	< 0.01	5	340	32	< 5	< 10	16	0.03	< 10	< 10	13	< 5	37
L 10W 1+50S	201 238	< 1	< 0.01	7	530	28	< 5	< 10	20	0.03	< 10	< 10	15	< 5	37
L 10W 2+00S	201 238	< 1	< 0.01	9	390	20	< 5	< 10	19	0.05	< 10	< 10	18	< 5	45
L 10W 2+50S	201 238	< 1	< 0.01	8	360	22	< 5	< 10	18	0.05	< 10	< 10	21	< 5	41
L 10W 3+00S	201 238	< 1	< 0.01	11	490	18	< 5	< 10	21	0.05	< 10	< 10	24	< 5	47
L 10W 3+50S	201 238	< 1	< 0.01	14	500	40	< 5	< 10	21	0.07	< 10	< 10	36	< 5	87
L 10W 4+00S	201 238	< 1	< 0.01	12	680	54	< 5	< 10	28	0.05	< 10	< 10	31	< 5	101
L 10W 4+50S	201 238	< 1	< 0.01	11	410	50	< 5	< 10	19	0.06	< 10	< 10	30	< 5	82
L 10W 5+00S	201 238	< 1	< 0.01	12	370	30	< 5	< 10	17	0.07	< 10	< 10	35	< 5	89
L 10W 5+50S	201 238	< 1	< 0.01	17	310	48	< 5	< 10	13	0.05	< 10	< 10	38	< 5	99
L 10W 6+00S	201 238	< 1	< 0.01	7	400	12	< 5	< 10	9	< 0.01	< 10	< 10	17	< 5	121
L 10W 16+00N	201 238	< 1	0.01	12	660	8	< 5	< 10	30	0.07	< 10	< 10	41	< 5	41
L 10W 16+50N	201 238	< 1	0.01	15	700	2	< 5	< 10	37	0.08	< 10	< 10	46	< 5	60
L 10W 17+00N	201 238	< 1	0.01	17	630	8	< 5	< 10	37	0.08	< 10	< 10	44	< 5	54
L 10W 17+50N	201 238	< 1	0.01	17	750	< 2	< 5	< 10	38	0.08	< 10	< 10	47	< 5	51
L 10W 18+00N	201 238	< 1	0.01	19	600	2	< 5	< 10	36	0.08	< 10	< 10	49	< 5	52
L 12W 0+50N	201 238	< 1	< 0.01	9	490	76	< 5	< 10	22	0.02	< 10	< 10	20	< 5	43
L 12W 1+50N	201 238	< 1	< 0.01	4	270	42	< 5	< 10	12	0.02	< 10	< 10	11	< 5	31
L 12W 2+00N	201 238	< 1	< 0.01	4	300	32	< 5	< 10	10	0.02	< 10	< 10	11	< 5	26
L 12W 3+00N	201 238	< 1	< 0.01	4	240	20	< 5	< 10	11	0.03	< 10	< 10	18	< 5	26
L 12W 3+50N	201 238	< 1	< 0.01	5	400	28	< 5	< 10	15	0.02	< 10	< 10	12	< 5	26
L 12W 6+00N	201 238	< 1	< 0.01	8	530	62	< 5	< 10	19	0.02	< 10	< 10	17	< 5	47
L 12W 6+50N	201 238	< 1	< 0.01	5	290	30	< 5	< 10	16	0.03	< 10	< 10	10	< 5	23
L 12W 7+00N	201 238	< 1	< 0.01	5	260	40	< 5	< 10	17	0.03	< 10	< 10	11	< 5	45
L 12W 7+50N	201 238	< 1	< 0.01	5	330	44	< 5	< 10	18	0.03	< 10	< 10	12	< 5	43
L 12W 8+00N	201 238	< 1	< 0.01	3	260	16	< 5	< 10	13	0.03	< 10	< 10	10	< 5	32
L 12W 8+50N	201 238	< 1	< 0.01	7	370	48	< 5	< 10	25	0.03	< 10	< 10	22	< 5	75
L 12W 9+00N	201 238	< 1	< 0.01	13	390	32	< 5	< 10	21	0.07	< 10	< 10	29	< 5	76
L 17W 16+75S	201 238	< 1	< 0.01	5	150	8	< 5	< 10	15	0.04	< 10	< 10	21	< 5	57
L 17W 17+00S	201 238	< 1	< 0.01	16	760	12	< 5	< 10	41	0.08	< 10	< 10	36	< 5	77
L 17W 17+50S	201 238	< 1	< 0.01	12	520	20	< 5	< 10	49	0.04	< 10	< 10	23	< 5	88
L 17W 18+00S	201 238	< 1	< 0.01	13	620	16	< 5	< 10	33	0.05	< 10	< 10	27	< 5	72
L 17W 18+25S	201 238	< 1	< 0.01	8	480	10	< 5	< 10	21	0.05	< 10	< 10	21	< 5	48
L 17W 18+50S	201 238	< 1	< 0.01	10	670	< 2	< 5	< 10	28	0.05	< 10	< 10	33	< 5	46
L 17W 18+75S	201 238	< 1	< 0.01	14	600	10	< 5	< 10	40	0.06	< 10	< 10	43	< 5	56
L 17W 19+25S	201 238	< 1	0.01	19	670	8	< 5	< 10	41	0.08	< 10	< 10	47	< 5	61
L 17W 19+75S	201 238	< 1	0.01	14	480	12	< 5	< 10	39	0.08	< 10	< 10	42	< 5	51
L 17W 20+00S	201 238	< 1	0.01	13	610	10	< 5	< 10	32	0.06	< 10	< 10	38	< 5	48

CERTIFICATION :

*pcg*