

MAP NO.: ASSESSMENT REPORT X
PROSPECTUS
115 O /14,15 CONFIDENTIAL X
116 B /2 OPEN FILE

DOCUMENT NO: 092971
MINING DISTRICT: Dawson
TYPE OF WORK: Geological Mapping, Trenching
Geochemical Sampling

REPORT FILED UNDER: Arbor Resources Inc. / Faith Mines Ltd. / Klondike Reef Mines Ltd. /
Rise Resources Inc. / Wealth Resources Ltd.

DATE PERFORMED: June - November 1990 DATE FILED: July 2, 1991

LOCATION: LAT.: 63°59'N AREA: Bonanza Creek
LONG.: 139°14'W VALUE \$: 40,755.44

CLAIM NAME & NO.: Cab 20, YB 31979, Pod 4, YB 20098, Rado 9, YB 17020, Joe 6, 7, 8, 10,
YB 99614, YB 99615, YB 99616, YB 99618

WORK DONE BY: Scott Tomlinson, B.Sc.

WORK DONE FOR: Arbor Resources Inc. / Faith Mines Ltd. / Klondike Reef Mines Ltd. / Rise
Resources Inc. / Wealth Resources Ltd.

DATE TO GOOD STANDING:

REMARKS:# 115 O and 116 B -
Exploration in 1990 consisted of heavy mineral sampling, trenching
and soil sampling. Heavy mineral sampling revealed highly anomalous
values of gold in two samples. Soil sampling revealed no significant
results. Ten trenches were excavated to search for quartz veining.
Results were mixed as snow conditions prevented sampling of more
promising trenches. No anomalous gold values were returned from
trenches that were sampled.

YUKON ASSESSMENT REPORT

PROPERTY: DAWSON

NTS MAP SHEETS: 1150/14,15, 116B/2

LATITUDE: 63°59' N

LONGITUDE: 139°14' W

CLAIMS AND GRANT NUMBERS WORKED:

CAB 20	YB31979
POD 4	YB30098
RADO 9	YB17020
JOE 6,7,8,10	Y99614,15,16,18

OWNERS OF PROPERTY: Arbor Resources Inc.
Faith Mines Ltd.
Klondike Reef Mines Ltd.
Rise Resources Inc.
Wealth Resources Ltd.

ADDRESS: #1000 - 675 West Hastings Street
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OPERATORS: Hastings Management Corp.

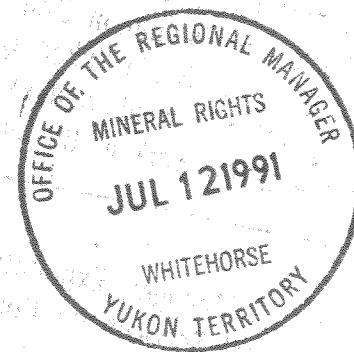
TYPE OF WORK: Geological mapping, geochemical sampling, trenching.

DATES WORK WAS DONE: June 14 - November 24, 1990.

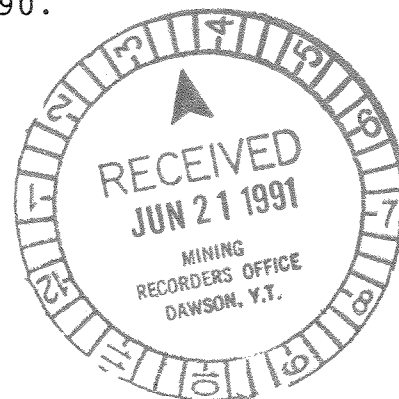
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0929711



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 \$ 40,755.77

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



GEOLOGICAL, GEOCHEMICAL, AND TRENCHING
REPORT ON THE
DAWSON PROPERTY

DAWSON MINING DISTRICT, YUKON

SUMMARY

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

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

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

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

The 1990 program explored areas near the Box Car showing, the Virgin showing, the Violet showing, and along Upper Eldorado Creek. The program was designed to prospect for high grade quartz veins and other targets in the vicinity of several old showings. To these ends the following work was performed: geological mapping, 7 heavy mineral concentrate samples, 18 soil samples, and 10 trenches.

The Box Car, Virgin, and Violet workings are all quartz vein showings, and although the mineralogy is varied, all the veins appear to be mesothermal in genesis. The Upper Eldorado work also tested a mesothermal quartz vein, and in addition exposed a quartz porphyry dyke.

Further work should complete the testing started in 1990. Specifically, detailed prospecting around the Ophir Creek geochemical anomalies, and sampling the trenches near the Box Car showing, the Violet showing, and on Upper Eldorado Creek should be done.

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GEOLOGICAL, GEOCHEMICAL, AND TRENCHING
REPORT ON THE
DAWSON PROPERTY

DAWSON MINING DISTRICT, YUKON

1. INTRODUCTION

This report covers the field program completed between June 14 and November 24, 1990 under the supervision of Project Geologist Scott Tomlinson of Hastings Management Corp.

1.1 LOCATION AND ACCESS

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

The mineral claims are located four km south-southeast of Dawson City in the Klondike Mining District as shown in Figure 1. The claims overlie the valleys of Bonanza, Eldorado, and Hunker Creeks and the Klondike River, and are plotted on Figure 2.

Relief is on the order of 730 m (2400 ft) with elevations ranging from 300 m (1000 ft) to 1040 m (3400 ft). Terrestrial coordinates for the center of the claim block are: 63° 59' North Latitude, 139° 14' West Longitude.

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

ARBOR RESOURCES INC.

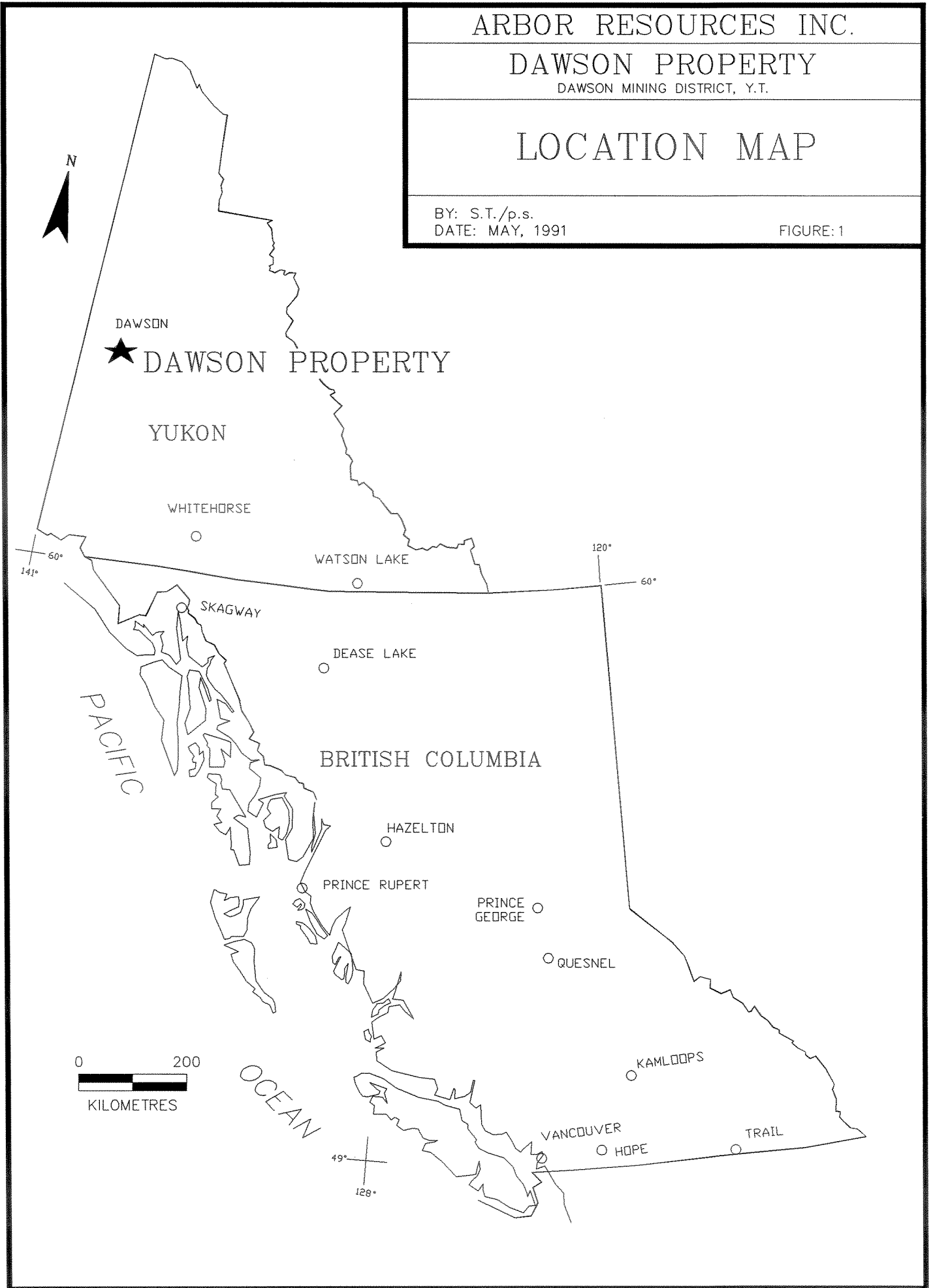
DAWSON PROPERTY

DAWSON MINING DISTRICT, Y.T.

LOCATION MAP

BY: S.T./p.s.
DATE: MAY, 1991

FIGURE: 1



1.2 PHYSIOGRAPHY AND CLIMATE

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

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

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

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

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

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

1.3 CLAIM INFORMATION

The property is located in the Dawson Mining District of northwestern Yukon Territory and is comprised of 257 located quartz claims covering an area of approximately 64 km², as shown on Figure 2. Disposition of the claims is as follows in Table I:

TABLE I
CLAIM STATUS

CLAIMS	GRANTS	ANNIVERSARY	OPERATOR
CAB 1-4	YB31960-YB31963	31 Dec	50%FHM, 50%RIS
CAB 5	YB31964	28 Aug	50%FHM, 50%RIS
CAB 6	YB31965	31 Dec	50%FHM, 50%RIS
CAB 7-20	YB31966-YB31979	28 Aug	50%FHM, 50%RIS
CAB 21-33	YB31980-YB31992	31 Dec	50%FHM, 50%RIS
CAB 34-40	YB31993-YB31999	28 Aug	50%FHM, 50%RIS
CAB 41-55	YB38400-YB38414	31 Dec	50%FHM, 50%RIS
CAB 56	YB38415	28 Aug	50%FHM, 50%RIS
CAB 57	YB38416	31 Dec	50%FHM, 50%RIS
CAB 58	YB38417	28 Aug	50%FHM, 50%RIS
CAB 59	YB38418	31 Dec	50%FHM, 50%RIS
CAB 60	YB38419	28 Aug	50%FHM, 50%RIS
CAB 61	YB38420	31 Dec	50%FHM, 50%RIS
CAB 62	YB38421	28 Aug	50%FHM, 50%RIS
CAB 63	YB38422	31 Dec	50%FHM, 50%RIS
CAB 64-81	YB38423-YB38440	28 Aug	50%FHM, 50%RIS
CAB 82-114	YB38441-YB38473	31 Dec	50%FHM, 50%RIS
CAB 115	YB38670	28 Dec	50%FHM, 50%RIS
CAB 116-120	YB38671-YB38675	31 Dec	50%FHM, 50%RIS

CAB 121	YB38474	28 Aug	50%FHM, 50%RIS
CAB 122-124	YB38676-YB38678	31 Dec	50%FHM, 50%RIS
CAB 125-126	YB38475-YB38476	28 Aug	50%FHM, 50%RIS
CAB 127-137	YB38679-YB38689	31 Dec	50%FHM, 50%RIS
JOE 1-4	Y65536-Y65539	28 May	100%KLR
JOE 5-10	Y99613-Y99618	26 May	100%KLR
POD 1-20	YB30095-YB30114	17 Apr	100%KLR
RADO 1-16	YB17012-YB1727	17 Jun	60%AOR, 20%RIS, 20%WLH
RADO 53-70	YB17064-YB17081	17 Jun	60%AOR, 20%RIS, 20%WLH
RADO 107-116	YB17114-YB17123	17 Jun	60%AOR, 20%RIS, 20%WLH
RADO 121-138	YB17128-YB17145	17 Jun	60%AOR, 20%RIS, 20%WLH
RADO 168-189	YB17175-YB17195	17 Jun	60%AOR, 20%RIS, 20%WLH
RADO 190-195	YB17456-YB17461	29 Jun	60%AOR, 20%RIS, 20%WLH

N.B.: FHM = Faith Mines Ltd.
 RIS = Rise Resources Inc.
 KLR = Klondike Reef Mines Ltd.
 AOR = Arbor Resources Inc.
 WLH = Wealth Resources Ltd.

1.4 HISTORY AND PREVIOUS PRODUCTION

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

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

Exploration for lode gold in the Klondike has concentrated on testing quartz deposits at the head of auriferous placers. All of the claims worked are situated near rich placer deposits, and all are also near old workings.

The CAB claims include the Box Car showing. In 1901 an 18 m shaft was sunk and 7.5 tons of Cu-Pb-Ag-Au ore was shipped to a smelter. A second 18 m shaft was sunk in 1920, but no records exist of what mineralization was encountered. The last significant work program was in 1967, when extensive bulldozer trenching was done.

The POD claims are near the Virgin showing. Between 1902 and 1907, minor underground and surface work was done. This includes a 12 m adit, a 3 m adit, a 6 m shaft, a 12 m open cut, and several small trenches. In 1913 a 11 m shaft was sunk and one of the adits was lengthened to 88 m by Klondike Gold Quartz Mines Ltd. A two stamp mill was built on the ground, and reportedly \$5,000 in gold was recovered. No significant work has been done in the vicinity since.

The RADO claims are near the Violet showing. Between 1901 and 1907 the Violet Mining Company performed extensive work on the ground. In addition to many small pits and trenches, three shafts 47, 11, and 7 m deep, and 133 m of drifting was done. A cyanide mill on Ophir Creek, reached by a 1065 m tramway, processed 6.5 tons of ore, but the results of this mining are not recorded. No significant work has been done in the area since.

The JOE claims are near the Lone Star showing, located near the headwaters of Eldorado Creek. From 1909 to 1914, the Lone Star Company Ltd. sank 30 m of shafts, drifted 225 m, and excavated an 105 m long open cut. Between 1912 and 1914, 7,650 tonnes (8,435 tons) grading 0.148 oz/ton Au was mined using underground and open cut methods. This ore was processed on Victoria Gulch, by way of an 1100 m tramway, using a four stamp mill. Additional surface and underground work was performed but no ore was processed by a succession of companies. In 1941 Pioneer Mining Company mined an additional 27.2 tonnes which was shipped to a custom mill. In 1946 and 1947, Yukon Consolidated Gold Corp. drove a 60 m cross-cut, but did not mill any material. Work since then has been restricted to surface exploration.

1.5 RECENT EXPLORATION

No significant exploration has occurred on the CAB, POD, or RADO claims in recent years. The JOE claims were trenched in two areas along the left limit of Upper Eldorado Creek in 1989. One trench put in near 90JUNUELD01 encountered an alteration zone. The second trench was excavated south of 90JUNUELD03, and exposed a quartz feldspar porphyry dyke.

1.6 WORK COMPLETED IN 1990

Field work completed by Hastings Management Corp. for Arbor Resources Inc., Faith Mines Ltd., Klondike Reef Mines Ltd., Rise Resources Inc., and Wealth Resources Ltd. was carried out from June to December, 1990. This work included:

- (1) 7 Heavy Mineral Concentrate samples on Ophir Creek.
- (2) 18 soil samples on Ophir Creek.
- (3) 10 bulldozer trenches; 2 near the Box Car showing; 2 near the Virgin showing; and 6 on Upper Eldorado Creek.

2. GEOLOGY

2.1 REGIONAL GEOLOGY

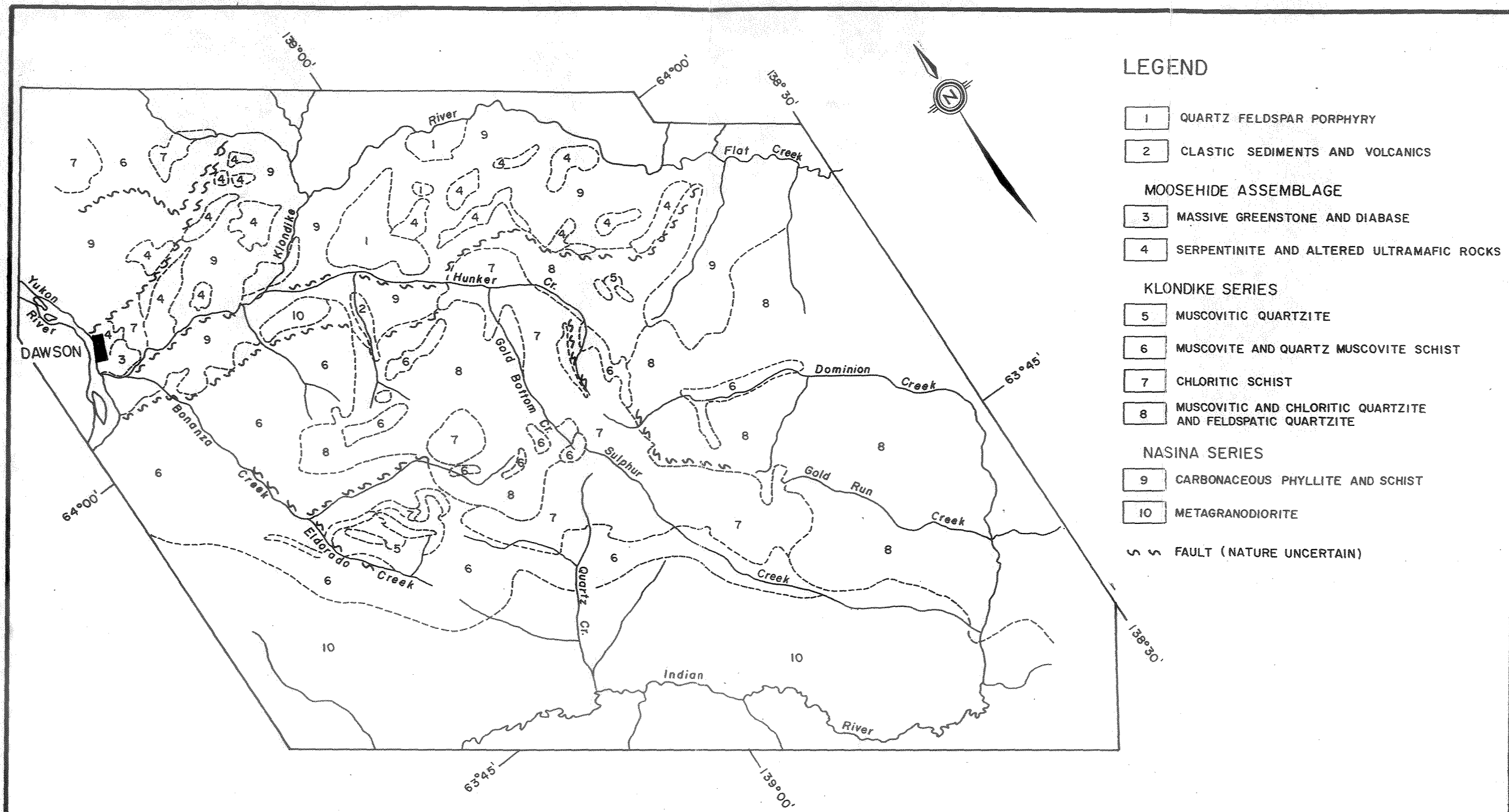
Bedrock exposures amount to less than one percent of the area and are generally confined to gulches, recent landslide areas, and road cuts. The Klondike district was first mapped by Bostock (1942), followed by Green and Roddick (1961), Metcalfe (1981), and Debicki (1984 and 1985), and most recently by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

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

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

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

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



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 MUSCOVICITIC QUARTZITE
- 6 MUSCOVITE AND QUARTZ MUSCOVITE SCHIST
- 7 CHLORITIC SCHIST
- 8 MUSCOVICITIC AND CHLORITIC QUARTZITE AND FELDSPATIC QUARTZITE
- NASINA SERIES
- 9 CARBONACEOUS PHYLLITE AND SCHIST
- 10 METAGRANODIORITE
- FAULT (NATURE UNCERTAIN)



NOTE: MODIFIED FROM MORTENSEN, 1985

ARBOR RESOURCES INC.
 DAWSON PROPERTY
 DAWSON MINING DISTRICT, Y.T.

REGIONAL GEOLOGY
 OF THE KLONDIKE

BY: S.T./p.s.
 DATE: MAY, 1991

FIGURE: 3

092971 257

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

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

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

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

2.2 PROPERTY GEOLOGY

The geology of the property was chiefly determined from the examination of trenches and road cuts, and the interpretation of geophysical information, as there are few outcrops. The property is 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.

The dominant rock type are well-foliated, rust-yellow weathering, light grayish-green, undifferentiated chloritic schists, muscovite schists, and quartz-sericite schists. The primary bedding of these schists is believed to correspond with schistosity, which has a general strike of 140° ; this foliation parallels the regional stratigraphic trends.

On the RADO claims, another common lithology is a variation of the Klondike Schist which is rich in blue quartz eyes and less micaceous (i.e. grading towards a quartzite).

On the JOE claims a Tertiary quartz-feldspar porphyry dyke intrudes the Klondike Schist. The dyke averages 5 m wide, and strikes northerly with a sub-vertical dip.

2.3 ECONOMIC GEOLOGY

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

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

The Box Car showing is a narrow quartz vein, ranging from 0.1 to 0.6 m wide, and occupies a shear zone which has an attitude of $160^{\circ}/80SW$. The quartz is milky white, with malachite staining near surface, and contains chalcopyrite, galena, and pyrite. As well as being anomalous in copper and lead, economic silver values have been reported from this vein.

The Virgin showing is a series of milky white quartz veins and veinlets up to 0.9 m wide. Pyrite, galena, and free gold occur with the veins, and anomalous gold and silver assays have been reported. Minor veining was observed on the Pod claims where the trenching was done, which may be related to the veins at the Virgin showing.

The Violet showing has a unique veining mineralogy of mostly quartz veins with or without barite and/or carbonate. The veining observed has a southeasterly strike, although the main veins mined reportedly struck easterly. Minor pyrite, galena, and chalcopyrite occur within the veins. Anomalous gold values have been returned from these veins. Although no veins were observed on the RADO claims, the strike of the veins trend onto the property.

The JOE claims are adjacent to areas known to host auriferous quartz veins. Furthermore, the nature of the placer gold suggests a local source. So although no gold bearing veins have been discovered on the property, the potential exists.

3. GEOCHEMISTRY

3.1 HEAVY MINERAL CONCENTRATE SAMPLING

Heavy mineral concentrate samples were taken along a tributary of Ophir Creek at seven sites, in the area shown on Figure 2. These consist of samples OPC 000N 030W, 000N 040W, 000N 055W, 000N 160W, 045N 030W, 300S, and 050N 160 W.

At each site, an average of 20 kg was taken from an area in the stream which appeared to be a good heavy sediment trap (i.e. the high energy portions of the active channel). The samples were wet sieved to minus 10 mesh and then panned down to approximately 500 gm.

The samples were then sent to Chemex Labs Ltd. in North Vancouver where they were further concentrated by heavy liquid separation and magnetic mineral separation. The non-magnetic fraction was pulverized to minus 200 mesh and analysed for Au by the Fire Assay-Atomic Absorption (FA-AA) method and for 32 additional elements by the Inductively Coupled Plasma-Atomic Emission Spectrometry (ICP-AES) technique.

Analytical results are shown in Appendix I. Two samples were highly anomalous in gold; samples 000N 030W and 000N 055W ran 0.560 oz/t and 3400 ppb respectively.

3.2 SOIL SAMPLING

In 1990, a total of 18 soil samples were taken near Ophir Creek, as shown in Figure 2, and the sample spacing was usually 10 m. These consist of samples OPC 0N 000W, 0N 010W, 0N 020W, 0N 030W, 0N 040W, 0N 050W, 0N 055W, 0N 060W, 0N 070W, 0N 080W, 0N 090W, 0N 100W, 0N 110W, 0N 130W, 0N 150W, 0N 170W, 0N 190W, and 0N 210W.

The samples were sent to Chemex Labs Ltd in North Vancouver. There they were oven dried and sieved to -80 mesh; the coarse fraction was then discarded and the fine fraction pulverised for analysis. Gold was analyzed using the FA-AA method, and 32 additional elements were analyzed using the ICP-AES technique.

Analytical results are listed in Appendix II. No significant results were returned.

4. TRENCHING

A total of 10 trenches were excavated on the property for hard rock purposes, as shown in Figure 2. They were made using a Caterpillar D8 or D9 bulldozer.

Two trenches were excavated on the CAB claims near the Box Car showing. These trenches were orientated to intersect the extension of quartz veins mined in the showing. A number of small quartz veins were exposed, one with some malachite staining, but due to snow conditions they were not systematically sampled.

Two trenches were also excavated on the POD claims north of the Virgin showing. Again, these trenches were designed to test for an extension to the quartz veining mined at the showing. No significant veining or mineralization was encountered, and no samples were taken.

Six trenches were excavated on the JOE claims. Trenches 90JUNUELD01 and 02 tested for an alteration zone reported by the placer miner who worked Upper Eldorado Creek. No alteration was observed, but eight samples were taken from 90JUNUELD02. These are sample numbers 108301-108306, 108336, and 108338. A third trench, 90JUNUELD03, was designed to intersect a quartz-feldspar porphyry dyke. Although the dyke was exposed, no samples were taken. Old workings were the targets of 90UELDTR01, 02 and 90UELDQBVN. No significant veining or mineralization was exposed, so sampling was not warranted.

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

TABLE II
TRENCHING DATA

BOXCAR 1	5m wide x 4m deep x 30m long
BOXCAR 2	5m wide x 3m deep x 20m long
VIRGIN 1	5m wide x 3m deep x 20m long
VIRGIN 2	5m wide x 2m deep x 20m long
90JUNUELD01	4m wide x 2m deep x 10m long
90JUNUELD02	4m wide x 2m deep x 20m long
90JUNUELD03	4m wide x 2m deep x 20m long
90UELDTR01	4m wide x 2m deep x 10m long
90UELDTR02	4m wide x 2m deep x 10m long
90UELDTR03	4m wide x 2m deep x 30m long

The samples from 90JUNUELD02 were sent to Chemex Labs Ltd. in North Vancouver, where they were crushed to -200 mesh. Gold was then assayed using the FA-AA method, and 32 additional elements were analyzed using the ICP-AES technique. Analytical results are given in Appendix III. No anomalous values were returned from 90JUNUELD02.

5. CONCLUSIONS

The mineral claims owned by Arbor Resources Inc., Faith Mines Ltd., Klondike Reef Mines Ltd., Rise Resources Inc., and Wealth Resources Ltd. are situated along the most productive placer creeks in the world. The source of this gold is almost certainly covered by these claims.

The trenching on the CAB claims succeeded in exposing veining which is probably the extension of quartz veins mined in the Box Car showing. These trenches should be detailed chip sampled and, if results warrant, step out trenching should be the next stage.

The trenches on the POD claims did not encounter any significant mineralization or veining. Reconnaissance soil sampling should be done to outline any gold anomalies, which would then be trenched.

The HMC and soil sampling along Ophir Creek on the RADO claims detected high gold anomalies. Further sampling upstream should be done to determine the source of the placer gold, followed by a detailed soil sampling grid over the anomalous area.

The trenching on the JOE claims did not result in any significant discoveries. A soil sampling program parallel to Upper Eldorado Creek would be useful to determine the upstream extent of the placer gold found in Upper Eldorado Creek. Trenching would then be warranted on any anomalies outlined.

Respectfully submitted;


Scott Tomlinson

6. REFERENCES

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7. STATEMENT OF PROFESSIONAL QUALIFICATIONS

SCOTT TOMLINSON, B.Sc.

ACADEMIC

1983
UNIVERSITY OF BRITISH COLUMBIA
B.Sc. IN GEOLOGY

PROFESSIONAL

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

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

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

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

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

8. COST STATEMENT

LIST OF YUKON RESIDENT EMPLOYEES

JERRY BRYDE
P.O. BOX 469
DAWSON, Y.T.

COST STATEMENT
Dawson Area
REGIONAL CLAIMS
14 June - 7 December 1990

GENERAL COST

FOOD & ACCOMMODATION 699 mdays @ \$67.37	\$ 47,790.88
SUPPLIES	5,795.27
FUEL	430.30
SHIPMENTS	1,881.47
MAINTENANCE	755.60
RENTALS:	
Arbor Field Equipment 699 days @ \$10	\$6,990.00
Norcan 4wd Crewcab 14 days	836.72
Norcan 4wd Bronco 2.5 mos @ \$1,450	3,625.00
Arbor 4wd Blazer 129 days @ \$55	7,095.00
Faith 4wd Suburban 129 days @ \$60	7,740.00
Faith 4wd PU 129 days @ \$55	7,095.00
Arbor 4wd Bronco 27 days @ \$55	<u>1,485.00</u>
FIXED WING (CAI, Air North, Alkan Air)	34,866.72
CONSULTANT FEES:	9,731.29
Adder Exploration & Development Ltd.	1,936.03
Archean Engineering Ltd.	20,475.00
REPORT PREPARATION	<u>11,714.94</u>
TOTAL GENERAL COST	<u>\$135,377.50</u>

KLONDIKE REEF MINES LTD.
BEAR CREEK (POD Claims) PROPERTY
2 - 5 November 1990

TRENCHING COST

SALARIES & WAGES:	
S.Tomlinson 2 days @ \$160.42	\$ 320.84
R.Gonzalez 2 days @ \$275	<u>550.00</u>
BENEFITS @ 7%	\$ 870.84
Henry Gulch Placers D9 24 hrs @ \$200	64.17
Klondike Transport	4,800.00
GENERAL COST APPORTIONED (4/699 X \$135,377.50)	450.00
TOTAL TRENCHING COST	<u>774.69</u>
	<u>\$ 6,959.70</u>

FAITH MINES LTD. & RISE RESOURCES INC.
 Boxcar (CAB, TOP Claims) Property
 2 - 24 November 1990

TRENCHING COST

SALARIES & WAGES:			
S.Tomlinson 1 day	\$	160.42	
C.Mariott 1 day		186.67	
J.Bryde 1 day		100.00	
A.Whalley 3 days @ \$140		<u>420.00</u>	\$ 867.09
BENEFITS @ 20%			173.42
Henry Gulch Placers D9 20 hrs @ \$200			4,000.00
ASSAYS & ANALYSES:			
Chemex Labs 19 rocks for AU & 32-El ICP @ \$19.75			375.25
GENERAL COST APPORTIONED (6/699 X \$135,377.50)			<u>1,162.04</u>
TOTAL TRENCHING COST			\$ <u>6,577.80</u>

ARBOR RESOURCES INC., RISE RESOURCES INC.
& WEALTH RESOURCES LTD.
 Ophir Creek (RADO Claims) Property
 16 - 22 September 1990

GEOLOGY COST

SALARIES & WAGES:			
S.Tomlinson 2 days @ \$160.42	\$	320.84	
C.Mariott 2 days @ \$186.67		373.34	
L.Johnson 2 days @ \$140		<u>354.66</u>	\$ 1,048.84
BENEFITS @ 20%			209.77
GENERAL COST APPORTIONED (6/699 X \$135,377.50)			<u>1,162.04</u>
TOTAL GEOLOGY			\$ <u>2,420.65</u>

GEOCHEMICAL SURVEY COST

SALARIES & WAGES:			
C.Mariott 1 day	\$	186.67	
L.Johnson 1 day		<u>177.33</u>	\$ 364.00
BENEFITS @ 20%			72.80
ASSAYS & ANALYSES:			
Chemex Labs 18 Soils for Au & 32-El ICP @ \$17			306.00
5 Rocks for Au & 32-El ICP @ 19.75			98.75
GENERAL COST APPORTIONED (2/699 X \$135,377.50)			<u>387.35</u>
TOTAL GEOCHEMICAL SURVEY COST			\$ <u>1,228.90</u>

KLONDIKE REEF MINES LTD.
UPPER ELDORADO (JOE Claims) Property
14 June - 29 September 1990

TRENCHING COST

SALARIES & WAGES:

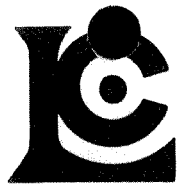
S.Tomlinson 5 days @ \$160.42	\$ 802.10
BENEFITS @ 20%	160.42
Hawk Mining D8K 129 hrs @ \$160	20,640.00
Klondike Transport	405.00
ASSAYS & ANALYSES:	
Chemex Labs 39 Rocks for Au & 32-El ICP @ \$19.75	592.50
GENERAL COST APPORTIONED (5/699 X \$135,377.50)	<u>968.37</u>
TOTAL TRENCHING COST	\$ <u>23,568.39</u>

COST SUMMARY

POD Claims: Trenching	\$ 6,959.70
CAB, TOP Claims Trenching	6,577.80
RADO Claims:	
Geology	\$ 2,420.65
Geochemical	<u>1,228.90</u>
JOE Claims Trenching	<u>23,568.39</u>
TOTAL	\$ <u>40,755.44</u>

APPENDIX I

HMC SAMPLES CERTIFICATES OF ANALYSES



Chemex Labs Ltd.

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

o: ARBOR RESOURCES INC.
ATTN: LARRY MCLEAN
1000 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

INVOICE NUMBER **I 9 0 2 6 0 0 4**

BILLING INFORMATION

Date: 22-NOV-90
Project: AOR-DAW
P.O. No.: NONE
Account: NA

Comments:

Billing: For analysis performed on
Certificate I9026004

Terms: Payment due on receipt of invoice
1.5% per month (18% per annum)
charged on overdue accounts

Please Remit Payments to:

CHEMEX LABS LTD.
212 Brooksbank Ave.,
North Vancouver, B.C.
Canada V7J-2C1

CHEMEX CODE	ANALYSIS DESCRIPTION	SAMPLES ANALYSED	UNIT PRICE	AMOUNT
100 - 866	Au ppb FA+AA fusion wt. gm	7	7.50	52.50
Sample preparation and other charges.				
213 -	Heavy min sep SG 2.96	7	20.00	140.00
Total Cost \$				192.50
TOTAL PAYABLE (CDN) \$				192.50



Chemex Labs Ltd.

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

ARBOR RESOURCES INC.
ATTN: LARRY MCLEAN
1000 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9026004

Comments: CC: ART TROUP

CERTIFICATE

A9026004

ARBOR RESOURCES INC.

Project: AOR-DAW
P.O.#: NONE

Samples submitted to our lab in Vancouver, BC.
This report was printed on 22-NOV-90.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
213	7	Heavy mineral separation SG 2.96

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	7	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
866	7	Fusion weight in grams	BALANCE	0.01	30.00



Chemex Labs Ltd.

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

ARBOR RESOURCES INC.
ATTN: LARRY MCLEAN
1000 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Page No.: 1
Total Pages: 1
Invoice Date: 22-NOV-90
Invoice No.: I-9026004
P.O. Number: NONE

Project: AOR-DAW
Comments: CC: ART TROUP

CERTIFICATE OF ANALYSIS

A9026004

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	fusion wt. gm								
OPC 0+00N 0+30W	213 --	>10000	2.75								
OPC ON - 40W	213 --	155	2.87								
OPC 0+00N 0+55W	213 --	3400	1.99								
OPC 0+00N 160W	213 --	< 30	1.69								
OPC 0+45N 0+30W	213 --	70	2.14								
OPC 0+300S	213 --	35	2.84								
OPC 0+160W 50N	213 --	65	2.28								

* SAMPLE OPC 0+00N 0+30W WAS CALCULATED TO HAVE A GOLD VALUE OF 0.560 oz/T *

CERTIFICATION:

APPENDIX II

SOIL SAMPLES CERTIFICATES OF ANALYSES



Chemex Labs Ltd.

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

to: ARBOR RESOURCES INC.
 ATTN: LARRY MCLEAN
 1000 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N2

Page Number: 3-A
 Total Pages: 6
 Invoice Date: 14-OCT-90
 Invoice No.: I-9024267
 P.O. Number:

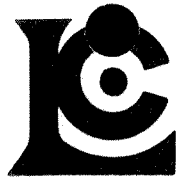
Project: AOR-DAWSON
 Comments: CC: A. TROUP

CERTIFICATE OF ANALYSIS A9024267

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
KSD30+00E 18+75E	203 205	10	0.4	3.33	15	140	< 0.5	< 2	0.78	< 0.5	21	278	54	3.46	10	< 1	0.09	10	3.00	520
KSD30+00E 19+00E	203 205	15	0.4	2.60	20	170	< 0.5	< 2	0.49	0.5	17	142	30	3.43	10	< 1	0.09	10	1.79	740
KSD30+00E 19+25E	203 205	10	0.6	3.12	10	330	< 0.5	< 2	0.55	1.0	16	152	35	3.81	10	< 1	0.16	20	1.92	665
KSD30+00E 19+50E	203 205	15	0.4	1.91	10	200	< 0.5	< 2	0.48	0.5	11	83	20	3.18	10	< 1	0.06	10	1.09	460
KSD30+00E 19+75E	203 205	< 5	< 0.2	1.88	40	250	< 0.5	< 2	0.60	0.5	12	82	21	3.63	10	< 1	0.10	10	0.99	690
KSD30+00E 20+00E	203 205	15	< 0.2	1.92	5	230	< 0.5	< 2	0.43	0.5	10	82	19	2.61	10	< 1	0.06	10	1.06	350
KSD30+00E 20+25E	203 205	< 5	0.4	2.25	5	390	< 0.5	< 2	0.91	0.5	14	122	68	3.48	10	< 1	0.10	10	1.19	615
KSD30+00E 20+50E	203 205	< 5	0.2	2.18	10	330	< 0.5	< 2	0.73	< 0.5	14	95	55	3.61	10	< 1	0.07	10	1.28	610
KSD30+00E 20+75E	203 205	10	0.4	2.38	10	460	< 0.5	< 2	0.83	< 0.5	17	110	46	3.48	10	< 1	0.10	20	1.22	1390
KSD30+00E 21+00E	203 205	5	0.4	2.17	10	360	< 0.5	< 2	0.95	0.5	15	101	55	3.30	10	< 1	0.08	10	1.21	890
KSD30+00E 21+25E	203 205	10	0.4	2.42	15	380	< 0.5	< 2	1.09	< 0.5	15	115	70	3.43	10	< 1	0.11	10	1.35	780
KSD30+00E 21+50E	203 205	10	0.4	2.74	40	320	< 0.5	< 2	0.85	0.5	17	183	85	4.09	10	< 1	0.12	20	1.91	740
KSD30+00E 21+75E	203 205	< 5	0.6	2.40	< 5	220	< 0.5	< 2	0.53	0.5	13	144	74	3.69	10	< 1	0.12	10	1.27	440
KSD30+00E 22+00E	203 205	< 5	0.4	2.21	15	230	< 0.5	< 2	0.46	< 0.5	12	101	48	3.48	10	< 1	0.06	10	1.21	405
KSD30+00E 22+25E	203 205	< 5	0.4	2.49	10	270	< 0.5	< 2	0.68	< 0.5	14	131	53	3.73	10	< 1	0.10	20	1.39	530
KSD30+00E 22+50E	203 205	15	0.6	2.64	20	360	< 0.5	< 2	0.86	< 0.5	16	134	77	3.75	10	< 1	0.12	20	1.50	685
KSD30+00E 22+75E	203 205	< 5	0.4	2.51	15	280	< 0.5	< 2	0.71	< 0.5	15	139	58	3.65	10	< 1	0.10	10	1.51	530
KSD30+00E 23+00E	203 205	< 5	0.2	2.26	< 5	320	< 0.5	< 2	0.91	0.5	13	111	69	3.25	10	< 1	0.08	10	1.27	515
KSD30+00E 23+25E	203 205	< 5	0.2	2.41	< 5	380	< 0.5	< 2	1.23	0.5	17	111	68	3.56	10	< 1	0.09	10	1.35	865
KSD30+00E 23+50E	203 205	< 5	0.2	2.40	70	320	< 0.5	< 2	0.90	< 0.5	17	116	43	3.87	10	4	0.08	20	1.28	750
KSD30+00E 23+75E	203 205	15	0.2	2.03	5	360	< 0.5	< 2	1.36	< 0.5	15	76	36	3.21	10	< 1	0.08	10	0.88	765
KSD30+00E 24+00E	203 205	10	0.2	2.22	15	360	< 0.5	< 2	1.26	< 0.5	17	114	51	3.66	10	< 1	0.09	20	1.17	1170
KSD30+00E 24+25E	203 205	10	0.8	2.64	25	220	< 0.5	< 2	0.78	< 0.5	21	243	83	3.73	10	< 1	0.10	20	2.10	500
KSD30+00E 24+50E	203 205	< 5	0.4	2.63	10	170	< 0.5	< 2	0.48	< 0.5	19	159	120	4.61	10	< 1	0.18	10	1.82	555
OPC 0+00N 0+00W	203 205	15	0.2	1.51	< 5	310	< 0.5	< 2	0.60	0.5	8	71	13	2.47	10	< 1	0.12	20	0.63	365
OPC 0+00N 0+10W	203 205	10	0.2	1.46	< 5	290	< 0.5	< 2	0.47	< 0.5	5	70	7	2.48	10	< 1	0.16	20	0.57	195
OPC 0+00N 0+20W	203 205	< 5	0.2	1.27	5	350	< 0.5	< 2	0.40	< 0.5	9	102	7	2.50	10	< 1	0.18	20	0.60	495
OPC 0+00N 0+30W	203 205	10	0.8	1.59	< 5	780	< 0.5	< 2	0.57	1.5	11	60	17	2.65	10	< 1	0.28	50	0.59	735
OPC 0+00N 0+40W	203 205	15	< 0.2	0.11	5	40	< 0.5	< 2	0.02	< 0.5	< 1	1	< 1	0.17	< 10	< 1	0.01	< 10	0.04	25
OPC 0+00N 0+50W	203 205	< 5	0.6	1.70	< 5	670	< 0.5	< 2	0.56	0.5	5	63	13	2.08	10	< 1	0.22	40	0.47	175
OPC 0+00N 0+55W	203 205	< 5	1.2	1.27	< 5	650	< 0.5	< 2	0.37	5.0	152	77	12	8.83	20	< 1	0.33	50	0.34	>10000
OPC 0+00N 0+60W	203 205	< 5	0.4	1.30	5	380	< 0.5	< 2	0.59	0.5	9	63	20	2.55	10	< 1	0.15	20	0.54	605
OPC 0+00N 0+70W	203 205	10	0.2	1.61	5	310	< 0.5	< 2	0.55	< 0.5	9	68	16	2.59	10	< 1	0.10	20	0.53	375
OPC 0+00N 0+80W	203 205	< 5	0.4	1.55	5	230	< 0.5	< 2	0.53	< 0.5	9	61	19	2.57	10	< 1	0.10	20	0.57	330
OPC 0+00N 0+90W	203 205	10	0.6	1.81	10	240	< 0.5	< 2	0.45	< 0.5	10	57	26	2.85	10	< 1	0.09	20	0.59	300
OPC 0+00N 1+00W	203 205	< 5	0.6	2.17	5	350	< 0.5	< 2	0.47	< 0.5	9	65	13	2.95	10	< 1	0.13	20	0.52	345
OPC 0+00N 1+10W	203 205	< 5	0.6	2.01	5	380	< 0.5	< 2	0.56	< 0.5	10	90	23	2.97	10	< 1	0.16	20	0.59	405
OPC 0+00N 1+30W	203 205	< 5	0.6	2.00	10	400	< 0.5	< 2	0.52	< 0.5	9	65	16	2.89	10	< 1	0.14	20	0.58	315
OPC 0+00N 1+50W	203 205	< 5	0.8	1.80	< 5	510	< 0.5	2	0.84	0.5	7	64	24	3.07	20	< 1	0.17	40	0.56	335
OPC 0+00N 1+70W	203 205	< 5	0.8	1.59	< 5	550	< 0.5	2	0.34	< 0.5	8	64	14	2.06	10	< 1	0.23	30	0.46	260

CERTIFICATION: _____

B. Coughlin



Chemex Labs Ltd.

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

Client: ARBOR RESOURCES INC.
 ATTN: LARRY MCLEAN
 1000 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N2

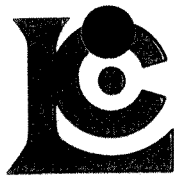
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 Invoice No.: I-9024267
 P.O. Number:

Project: AOR-DAWSON
 Comments: CC: A. TROUP

CERTIFICATE OF ANALYSIS A9024267

SAMPLE DESCRIPTION	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
KSD30+00E 18+75E	203	205	< 1	0.02	96	330	6	< 5	9	36	0.15	< 10	< 10	71	< 10	78
KSD30+00E 19+00E	203	205	1	0.01	48	510	22	< 5	7	24	0.11	< 10	< 10	65	< 10	100
KSD30+00E 19+25E	203	205	1	0.02	48	610	30	< 5	9	32	0.11	< 10	< 10	74	< 10	114
KSD30+00E 19+50E	203	205	1	0.01	16	640	20	< 5	5	25	0.07	< 10	< 10	51	< 10	96
KSD30+00E 19+75E	203	205	< 1	0.01	16	560	42	< 5	5	32	0.06	< 10	< 10	56	< 10	112
KSD30+00E 20+00E	203	205	< 1	0.01	21	530	24	< 5	5	26	0.07	< 10	< 10	53	< 10	98
KSD30+00E 20+25E	203	205	< 1	0.02	30	930	4	< 5	7	53	0.12	< 10	< 10	83	< 10	90
KSD30+00E 20+50E	203	205	< 1	0.01	34	710	4	< 5	7	39	0.10	< 10	< 10	92	< 10	90
KSD30+00E 20+75E	203	205	< 1	0.02	37	620	2	< 5	7	48	0.11	< 10	< 10	85	< 10	102
KSD30+00E 21+00E	203	205	< 1	0.01	41	710	6	< 5	7	49	0.09	< 10	< 10	81	< 10	94
KSD30+00E 21+25E	203	205	< 1	0.01	46	720	4	< 5	8	60	0.10	< 10	< 10	90	< 10	92
KSD30+00E 21+50E	203	205	< 1	0.01	77	610	6	5	9	48	0.14	< 10	< 10	102	< 10	114
KSD30+00E 21+75E	203	205	< 1	0.02	34	540	< 2	< 5	6	34	0.16	< 10	< 10	97	< 10	80
KSD30+00E 22+00E	203	205	< 1	0.01	35	510	< 2	< 5	6	27	0.12	< 10	< 10	83	< 10	82
KSD30+00E 22+25E	203	205	< 1	0.02	42	610	< 2	< 5	8	40	0.16	< 10	< 10	96	< 10	80
KSD30+00E 22+50E	203	205	< 1	0.02	57	800	< 2	< 5	8	51	0.13	< 10	< 10	93	< 10	84
KSD30+00E 22+75E	203	205	< 1	0.01	52	730	2	< 5	7	40	0.13	< 10	< 10	90	< 10	84
KSD30+00E 23+00E	203	205	< 1	0.01	44	630	2	< 5	7	50	0.13	< 10	< 10	81	< 10	76
KSD30+00E 23+25E	203	205	< 1	0.01	52	710	4	< 5	7	63	0.09	< 10	< 10	82	< 10	90
KSD30+00E 23+50E	203	205	< 1	0.01	52	630	2	25	6	49	0.13	< 10	< 10	95	< 10	86
KSD30+00E 23+75E	203	205	1	0.01	30	760	4	< 5	5	72	0.09	< 10	< 10	74	< 10	84
KSD30+00E 24+00E	203	205	1	0.02	55	740	6	5	6	63	0.14	< 10	< 10	85	< 10	86
KSD30+00E 24+25E	203	205	< 1	0.01	152	750	< 2	< 5	6	30	0.22	< 10	< 10	70	< 10	82
KSD30+00E 24+50E	203	205	< 1	0.02	79	760	< 2	< 5	5	23	0.21	< 10	< 10	104	< 10	94
OPC 0+00N 0+00W	203	205	1	0.02	16	730	2	< 5	3	36	0.09	< 10	< 10	50	< 10	82
OPC 0+00N 0+10W	203	205	1	0.02	13	620	10	< 5	3	31	0.07	< 10	< 10	40	< 10	78
OPC 0+00N 0+20W	203	205	1	0.02	11	570	8	< 5	2	31	0.06	< 10	< 10	34	< 10	72
OPC 0+00N 0+30W	203	205	2	0.02	15	520	24	< 5	3	73	0.07	< 10	< 10	31	< 10	130
OPC 0+00N 0+40W	203	205	< 1	< 0.01	1	20	< 2	5	< 1	4	< 0.01	< 10	< 10	2	< 10	10
OPC 0+00N 0+50W	203	205	< 1	0.02	13	560	18	< 5	3	59	0.09	< 10	< 10	36	< 10	118
OPC 0+00N 0+55W	203	205	6	0.01	68	390	18	< 5	2	45	0.03	< 10	< 10	7	< 10	1085
OPC 0+00N 0+60W	203	205	< 1	0.02	19	630	12	< 5	3	44	0.08	< 10	< 10	41	< 10	112
OPC 0+00N 0+70W	203	205	< 1	0.02	19	480	6	< 5	4	36	0.09	< 10	< 10	52	< 10	64
OPC 0+00N 0+80W	203	205	< 1	0.03	21	450	6	< 5	4	34	0.09	< 10	< 10	50	< 10	58
OPC 0+00N 0+90W	203	205	< 1	0.02	26	330	8	< 5	6	31	0.10	< 10	< 10	58	< 10	58
OPC 0+00N 1+00W	203	205	< 1	0.02	22	210	8	< 5	5	32	0.12	< 10	< 10	65	< 10	56
OPC 0+00N 1+10W	203	205	< 1	0.04	25	240	4	< 5	6	42	0.12	< 10	< 10	63	< 10	64
OPC 0+00N 1+30W	203	205	< 1	0.03	22	380	6	< 5	5	37	0.10	< 10	< 10	58	< 10	64
OPC 0+00N 1+50W	203	205	1	0.02	19	410	8	< 5	4	45	0.08	< 10	< 10	51	< 10	88
OPC 0+00N 1+70W	203	205	< 1	0.01	13	420	22	< 5	3	26	0.07	< 10	< 10	34	< 10	68

CERTIFICATION: B. Coughlin



Chemex Labs Ltd.

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Page Number: 4-A
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 Invoice No.: I-9024267
 P.O. Number:

Project: AOR-DAWSON
 Comments: CC: A. TROUP

CERTIFICATE OF ANALYSIS A9024267

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
OPC 0+00N 1+90W	203 205	< 5	0.6	1.16	< 5	420	< 0.5	< 2	0.38	< 0.5	4	50	9	1.62	10	< 1	0.11	20	0.29	275
OPC 0+00N 2+10W	203 205	10	0.8	1.94	< 5	790	< 0.5	< 2	0.86	< 0.5	8	180	18	2.44	20	< 1	0.18	50	0.41	555
VG 0+00N 0+00W	203 205	35	1.4	1.40	30	430	< 0.5	< 2	0.22	1.0	9	101	21	2.30	10	< 1	0.16	30	0.60	495
VG 0+00N 0+10W	203 205	10	1.4	1.81	100	290	< 0.5	< 2	0.26	1.0	29	128	27	3.18	20	< 1	0.10	40	0.97	1255
VG 0+00N 0+20W	203 205	20	1.4	1.26	25	400	< 0.5	< 2	0.21	0.5	14	68	16	2.09	10	< 1	0.15	40	0.68	595
VG 0+00N 0+30W	203 205	30	1.2	0.99	30	400	< 0.5	2	0.17	0.5	7	79	11	1.43	10	< 1	0.19	70	0.32	175
VG 0+00N 0+40W	203 205	25	0.6	0.95	10	600	< 0.5	< 2	0.16	0.5	7	57	11	1.53	10	< 1	0.14	40	0.31	450
VG 0+00N 0+50W	203 205	25	0.6	1.01	15	1350	< 0.5	< 2	0.07	< 0.5	6	560	11	1.68	< 10	< 1	0.25	30	0.39	285
VG 0+00N 0+60W	203 205	25	0.6	0.60	10	630	< 0.5	< 2	0.05	< 0.5	3	63	6	0.78	10	< 1	0.19	40	0.13	140
VG 0+00N 0+70W	203 205	30	0.6	0.65	5	670	< 0.5	< 2	0.07	< 0.5	3	83	7	0.93	< 10	< 1	0.20	40	0.21	120
VG 0+00N 0+80W	203 205	30	0.8	0.77	5	550	< 0.5	2	0.07	0.5	4	120	9	1.20	10	< 1	0.19	40	0.25	135
VG 0+00N 0+90W	203 205	25	0.8	0.98	5	660	< 0.5	2	0.09	0.5	5	176	11	1.33	10	< 1	0.25	40	0.31	210
VG 0+00N 1+00W	203 205	40	0.8	0.94	10	1730	< 0.5	< 2	0.08	0.5	5	117	10	1.18	10	< 1	0.30	50	0.27	195
VG 0+00N 1+10W	203 205	50	0.8	0.91	10	1800	< 0.5	2	0.05	< 0.5	4	60	9	0.84	10	< 1	0.37	60	0.18	160
VG 0+00N 1+20W	203 205	185	0.8	1.11	5	1010	< 0.5	2	0.09	< 0.5	3	144	13	1.65	10	< 1	0.19	30	0.45	110
VG 0+00N 1+30W	203 205	230	1.2	0.94	10	2160	< 0.5	4	0.07	0.5	6	113	11	1.20	10	< 1	0.29	80	0.24	175
VG 0+00N 1+40W	203 205	135	1.0	1.07	5	1250	< 0.5	< 2	0.08	< 0.5	3	134	7	1.11	10	< 1	0.30	60	0.29	110
VG 0+00N 1+50W	203 205	15	0.8	0.80	5	2610	< 0.5	2	0.08	< 0.5	4	95	6	0.97	10	< 1	0.27	60	0.24	95
VG 0+00N 1+60W	203 205	25	1.0	0.83	5	3660	< 0.5	4	0.06	< 0.5	3	122	7	1.00	10	< 1	0.29	50	0.23	70
VG 0+00N 1+70W	203 205	95	0.8	1.33	5	470	< 0.5	2	0.10	< 0.5	3	295	11	1.55	10	< 1	0.32	40	0.53	105
VG 0+00N 1+80W	203 205	70	1.2	1.25	10	670	< 0.5	2	0.05	< 0.5	5	113	13	1.51	10	< 1	0.50	70	0.23	110
VG 0+00N 1+90W	203 205	25	1.0	1.08	10	450	< 0.5	2	0.08	< 0.5	4	125	6	1.60	10	< 1	0.43	70	0.39	110
VG 0+00N 2+00W	203 205	3880	0.6	1.06	10	590	< 0.5	2	0.14	< 0.5	7	96	15	2.30	10	< 1	0.20	30	0.58	145
VG 0+00N 2+10W	203 205	70	0.4	0.95	15	330	< 0.5	< 2	0.14	< 0.5	4	155	8	1.60	< 10	< 1	0.20	30	0.46	100
VG 0+00N 2+20W	203 205	30	0.8	0.95	10	500	< 0.5	2	0.16	< 0.5	5	114	11	1.60	10	< 1	0.24	40	0.44	130
VG 0+00N 2+30W	203 205	15	0.8	0.88	< 5	280	< 0.5	< 2	0.14	< 0.5	6	65	11	1.31	10	< 1	0.34	60	0.30	175
VG 0+00N 2+40W	203 205	45	0.8	1.24	15	510	< 0.5	4	0.31	1.5	13	132	25	1.87	10	< 1	0.26	30	0.60	340
VG 0+00N 2+50W	203 205	335	0.6	1.15	5	560	< 0.5	4	0.12	< 0.5	5	171	19	1.87	< 10	< 1	0.21	30	0.66	160
VG 0+00N 2+60W	203 205	320	0.6	1.25	5	420	< 0.5	2	0.29	0.5	7	154	23	2.14	10	< 1	0.21	30	0.64	325
VG 0+00N 2+70W	203 205	100	0.6	1.17	10	350	< 0.5	2	0.15	0.5	6	193	19	1.91	10	< 1	0.22	30	0.62	150
VG 0+00N 2+80W	203 205	215	1.4	1.24	10	350	< 0.5	2	0.28	< 0.5	6	170	17	1.91	10	< 1	0.20	30	0.62	195
VG 0+00N 2+90W	203 205	185	0.6	0.95	5	370	< 0.5	2	0.10	< 0.5	3	176	12	1.59	10	< 1	0.24	40	0.49	90
VG 0+00N 3+00W	203 205	45	0.6	1.36	< 5	420	< 0.5	2	0.22	1.0	10	112	25	1.81	10	< 1	0.22	30	0.55	280
VG 0+00N 3+10W	203 205	60	0.6	1.09	5	350	< 0.5	2	0.16	< 0.5	5	222	13	1.85	10	< 1	0.21	30	0.55	130
VG 0+00N 3+20W	203 205	75	0.4	1.15	5	300	< 0.5	4	0.15	< 0.5	5	181	14	1.83	< 10	< 1	0.17	20	0.62	115
VG 0+00N 3+30W	203 205	170	0.4	1.38	5	410	< 0.5	< 2	0.26	0.5	11	152	20	2.39	10	< 1	0.22	30	0.92	275
VG 0+00N 3+40W	203 205	30	0.8	1.21	10	550	< 0.5	< 2	0.27	0.5	11	95	18	2.33	10	< 1	0.23	30	0.67	395
VG 0+00N 3+50W	203 205	90	1.0	1.20	10	850	< 0.5	2	0.19	0.5	12	107	26	2.92	10	< 1	0.28	40	0.54	335
VG 0+00N 3+60W	203 205	185	1.0	1.28	10	370	0.5	2	0.11	1.0	32	148	24	2.67	10	< 1	0.25	30	0.74	1490
VG 0+00N 3+70W	203 205	55	0.4	1.23	5	320	< 0.5	2	0.10	0.5	7	195	15	2.45	< 10	< 1	0.23	30	0.50	180

CERTIFICATION:

B. Coughlin



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CERTIFICATE OF ANALYSIS A9024267

SAMPLE DESCRIPTION	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
OPC 0+00N 1+90W	203	205	< 1	0.01	7	370	12	< 5	2	24	0.06	< 10	< 10	28	< 10	42
OPC 0+00N 2+10W	203	205	< 1	0.02	13	620	14	< 5	5	53	0.07	< 10	< 10	43	< 10	64
VG 0+00N 0+00W	203	205	1	0.01	14	540	60	< 5	3	24	0.04	< 10	< 10	30	< 10	174
VG 0+00N 0+10W	203	205	2	0.01	29	880	28	< 5	6	28	< 0.01	< 10	< 10	27	< 10	374
VG 0+00N 0+20W	203	205	< 1	< 0.01	15	720	24	< 5	3	18	0.01	< 10	< 10	18	< 10	172
VG 0+00N 0+30W	203	205	< 1	< 0.01	8	570	20	< 5	2	14	< 0.01	< 10	< 10	7	< 10	164
VG 0+00N 0+40W	203	205	< 1	0.01	10	380	30	< 5	2	17	0.03	< 10	< 10	21	< 10	96
VG 0+00N 0+50W	203	205	2	0.03	10	280	44	< 5	1	26	0.01	< 10	< 10	15	< 10	94
VG 0+00N 0+60W	203	205	< 1	< 0.01	3	230	30	< 5	1	12	0.01	< 10	< 10	7	< 10	66
VG 0+00N 0+70W	203	205	< 1	0.01	5	270	26	< 5	1	13	0.01	< 10	< 10	7	< 10	72
VG 0+00N 0+80W	203	205	1	0.01	6	300	40	< 5	1	14	0.01	< 10	< 10	12	< 10	82
VG 0+00N 0+90W	203	205	1	0.01	8	310	44	< 5	1	17	0.01	< 10	< 10	13	< 10	104
VG 0+00N 1+00W	203	205	1	0.01	6	260	48	< 5	2	26	0.01	< 10	< 10	9	< 10	128
VG 0+00N 1+10W	203	205	< 1	< 0.01	4	220	34	< 5	2	21	< 0.01	< 10	< 10	4	< 10	106
VG 0+00N 1+20W	203	205	1	0.01	10	390	60	< 5	1	18	0.02	< 10	< 10	18	< 10	106
VG 0+00N 1+30W	203	205	1	0.01	8	280	50	< 5	2	27	< 0.01	< 10	< 10	8	< 10	118
VG 0+00N 1+40W	203	205	< 1	0.01	6	260	42	< 5	2	20	0.01	< 10	< 10	11	< 10	88
VG 0+00N 1+50W	203	205	< 1	0.01	6	240	34	< 5	1	30	0.01	< 10	< 10	8	< 10	88
VG 0+00N 1+60W	203	205	< 1	0.01	5	240	32	< 5	1	29	0.01	< 10	< 10	8	< 10	78
VG 0+00N 1+70W	203	205	1	0.02	10	350	46	< 5	2	15	0.02	< 10	< 10	19	< 10	96
VG 0+00N 1+80W	203	205	2	0.01	12	270	44	< 5	3	11	< 0.01	< 10	< 10	4	< 10	166
VG 0+00N 1+90W	203	205	2	0.01	6	350	40	< 5	2	14	0.01	< 10	< 10	20	< 10	100
VG 0+00N 2+00W	203	205	< 1	0.01	11	500	44	< 5	2	23	0.02	< 10	< 10	19	< 10	150
VG 0+00N 2+10W	203	205	1	0.01	10	450	30	< 5	1	17	0.03	< 10	< 10	23	< 10	92
VG 0+00N 2+20W	203	205	< 1	0.02	10	510	38	< 5	1	20	0.02	< 10	< 10	17	< 10	114
VG 0+00N 2+30W	203	205	< 1	< 0.01	8	430	24	< 5	1	19	< 0.01	< 10	< 10	6	< 10	180
VG 0+00N 2+40W	203	205	< 1	0.02	22	460	50	< 5	2	33	0.04	< 10	< 10	23	< 10	308
VG 0+00N 2+50W	203	205	1	0.01	13	360	66	< 5	2	20	0.02	< 10	< 10	18	< 10	150
VG 0+00N 2+60W	203	205	< 1	0.02	16	480	52	< 5	3	28	0.04	< 10	< 10	29	< 10	126
VG 0+00N 2+70W	203	205	1	0.01	14	400	58	< 5	2	20	0.02	< 10	< 10	20	< 10	136
VG 0+00N 2+80W	203	205	1	0.02	14	460	48	< 5	2	27	0.04	< 10	< 10	26	< 10	110
VG 0+00N 2+90W	203	205	1	0.01	9	370	50	< 5	1	21	0.02	< 10	< 10	16	< 10	112
VG 0+00N 3+00W	203	205	< 1	0.02	21	390	60	< 5	3	32	0.04	< 10	< 10	27	< 10	396
VG 0+00N 3+10W	203	205	1	0.02	12	440	36	< 5	2	21	0.03	< 10	< 10	22	< 10	110
VG 0+00N 3+20W	203	205	1	0.01	13	440	40	< 5	2	17	0.03	< 10	< 10	22	< 10	108
VG 0+00N 3+30W	203	205	1	0.01	19	560	40	< 5	3	29	0.04	< 10	< 10	28	< 10	172
VG 0+00N 3+40W	203	205	1	0.01	17	610	32	< 5	4	28	0.03	< 10	< 10	26	< 10	180
VG 0+00N 3+50W	203	205	4	0.01	15	640	48	< 5	3	24	0.02	< 10	< 10	21	< 10	254
VG 0+00N 3+60W	203	205	6	0.01	18	460	72	< 5	3	17	0.01	< 10	< 10	18	< 10	232
VG 0+00N 3+70W	203	205	2	0.01	11	430	46	< 5	2	15	0.01	< 10	< 10	20	< 10	158

CERTIFICATION: B. Coughlin

APPENDIX III

TRENCH SAMPLES CERTIFICATES OF ANALYSES



Chemex Labs Ltd.

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

Project: DAWSON
 Comments:

ARBOR RESOURCES INC.
 2321 BELLEVUE AVE.
 WEST VANCOUVER, BC
 V7V 1C9

Page Number: 2-A
 Total Pages: 4
 Invoice Date: 22-AUG-90
 Invoice No.: I-9020957
 P.O. Number: NONE

CERTIFICATE OF ANALYSIS

A9020957

SAMPLE DESCRIPTION	PREP CODE	Au oz/T	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
108288	208 294	< 0.002	< 0.2	0.07	< 5	160	< 0.5	< 2	0.01	< 0.5	1	271	6	0.36	< 10	< 1	< 0.01	< 10	0.01	435
108289	208 294	0.002	2.2	0.02	< 5	170	< 0.5	< 2	0.02	< 0.5	< 1	495	8	0.44	< 10	1	< 0.01	< 10	0.02	50
108290	208 294	0.008	9.0	0.01	< 5	4030	< 0.5	2	0.01	< 0.5	< 1	285	82	0.40	< 10	< 1	< 0.01	< 10	0.02	45
108291	208 294	< 0.002	< 0.2	0.14	< 5	60	< 0.5	< 2	0.74	0.5	1	384	6	0.55	< 10	< 1	0.01	10	0.48	945
108292	208 294	< 0.002	< 0.2	0.08	< 5	920	< 0.5	< 2	0.02	< 0.5	1	369	7	0.45	< 10	< 1	< 0.01	< 10	0.03	50
108294	208 294	< 0.002	1.2	4.33	95	980	< 0.5	< 2	1.93	1.5	30	61	25	9.16	< 10	< 1	0.06	50	3.31	1470
108295	208 294	< 0.002	< 0.2	0.06	< 5	50	< 0.5	< 2	< 0.01	< 0.5	< 1	267	5	0.44	< 10	< 1	0.02	10	< 0.01	40
108296	208 294	< 0.002	< 0.2	0.07	< 5	30	< 0.5	< 2	0.01	< 0.5	< 1	276	4	0.33	< 10	< 1	< 0.01	< 10	0.02	25
108297	208 294	< 0.002	< 0.2	0.07	< 5	30	< 0.5	< 2	0.01	< 0.5	< 1	281	4	0.36	< 10	< 1	< 0.01	< 10	0.02	65
108301	208 294	< 0.002	< 0.2	3.02	120	1520	0.5	< 2	1.33	< 0.5	18	91	21	4.16	< 10	< 1	0.60	30	0.60	540
108302	208 294	< 0.002	1.6	1.67	5	530	< 0.5	< 2	0.89	1.0	10	77	28	2.69	< 10	< 1	0.18	30	0.69	470
108303	208 294	< 0.002	< 0.2	0.05	< 5	30	< 0.5	< 2	0.03	< 0.5	< 1	269	2	0.25	< 10	< 1	< 0.01	< 10	< 0.01	30
108304	208 294	< 0.002	< 0.2	0.03	< 5	130	< 0.5	< 2	0.05	< 0.5	< 1	284	3	0.31	< 10	< 1	< 0.01	< 10	0.01	50
108305	208 294	< 0.002	< 0.2	0.15	15	5380	< 0.5	< 2	3.42	0.5	2	221	6	1.13	< 10	< 1	< 0.05	< 10	0.69	1140
108306	208 294	< 0.002	< 0.2	0.62	10	1950	< 0.5	< 2	0.32	< 0.5	1	139	5	0.60	< 10	< 1	0.50	40	0.17	85
108308	208 294	< 0.002	< 0.2	4.11	10	1680	< 0.5	< 2	3.72	< 0.5	30	37	21	7.96	< 10	< 1	0.19	10	2.55	1055
108309	208 294	< 0.002	0.6	1.10	20	920	< 0.5	< 2	0.08	< 0.5	3	140	7	2.16	< 10	< 1	0.21	50	0.31	560
108310	208 294	< 0.002	0.6	0.31	< 5	250	< 0.5	< 2	< 0.01	< 0.5	< 1	75	3	0.30	< 10	< 1	0.37	40	0.05	55
108311	208 294	< 0.002	1.0	0.22	20	580	< 0.5	< 2	0.03	< 0.5	< 1	157	4	1.46	< 10	1	0.03	10	0.13	140
108312	208 294	< 0.002	0.4	0.50	< 5	90	< 0.5	< 2	0.04	< 0.5	1	121	8	0.94	< 10	1	0.13	20	0.16	195
108313	208 294	< 0.002	< 0.2	0.04	< 5	20	< 0.5	< 2	< 0.01	< 0.5	1	294	2	0.29	< 10	1	< 0.01	< 10	< 0.01	85
108314	208 294	< 0.002	0.4	0.40	< 5	270	< 0.5	< 2	0.01	< 0.5	< 1	102	11	0.40	< 10	< 1	0.31	30	0.11	90
108315	208 294	< 0.002	4.6	0.16	5	50	< 0.5	< 2	< 0.01	< 0.5	< 1	123	17	0.73	< 10	< 1	0.03	30	0.01	30
108316	208 294	< 0.002	< 0.2	1.48	145	290	< 0.5	< 2	0.08	< 0.5	4	37	12	3.21	10	< 1	0.25	10	0.40	680
108317	208 294	< 0.002	< 0.2	0.08	30	20	< 0.5	< 2	< 0.01	< 0.5	2	184	3	0.63	< 10	< 1	< 0.01	< 10	0.02	115
108318	208 294	0.004	< 0.2	0.03	< 5	30	< 0.5	< 2	< 0.01	< 0.5	< 1	221	2	0.32	< 10	< 1	< 0.01	< 10	0.01	35
108319	208 294	4.215	27.0	1.07	235	1370	< 0.5	< 2	0.28	1.0	88	182	114	>15.00	10	< 1	0.46	30	0.28	410
108320	208 294	< 0.002	< 0.2	0.15	5	110	< 0.5	< 2	0.01	< 0.5	1	378	3	0.48	< 10	< 1	0.05	< 10	0.03	40
108321	208 294	0.002	0.6	1.24	35	800	< 0.5	< 2	0.15	0.5	5	165	11	2.21	< 10	< 1	0.60	40	0.31	140
108322	208 294	0.132	3.4	0.11	< 5	80	< 0.5	2	< 0.01	< 0.5	1	437	5	0.53	< 10	1	0.03	< 10	0.03	35
108323	208 294	0.007	0.4	1.06	160	290	0.5	< 2	0.04	< 0.5	2	94	12	1.69	< 10	< 1	0.57	20	0.06	135
108324	208 294	0.429	6.4	0.06	< 5	30	< 0.5	2	< 0.01	< 0.5	< 1	298	2	0.47	< 10	< 1	0.01	< 10	0.02	70
108325	208 294	< 0.002	< 0.2	0.94	20	340	< 0.5	< 2	0.07	< 0.5	3	196	7	1.56	< 10	< 1	0.42	30	0.36	95
108327	208 294	0.002	1.6	0.13	25	150	< 0.5	2	0.03	< 0.5	9	255	24	1.34	< 10	< 1	0.04	< 10	0.04	105
108333	208 294	< 0.002	16.0	4.25	1475	3430	< 0.5	< 2	0.94	5.0	24	39	76	8.31	< 10	< 1	0.18	30	2.55	1645
108336	208 294	< 0.002	0.2	2.80	< 5	280	< 0.5	< 2	2.89	< 0.5	44	133	27	5.01	< 10	< 1	0.11	20	1.91	1585
108338	208 294	< 0.002	2.4	1.35	70	2490	0.5	< 2	0.86	0.5	4	86	5	1.65	< 10	< 1	0.49	30	0.46	285
108360	208 294	0.002	>200	0.53	90	120	< 0.5	6	0.11	71.0	3	415	11	1.85	< 10	< 1	0.17	< 10	0.28	140
108366	208 294	0.002	0.4	2.40	45	160	< 0.5	< 2	2.52	< 0.5	29	82	70	5.81	< 10	< 1	0.45	< 10	2.17	1175
108368	208 294	< 0.002	1.0	0.66	5	110	< 0.5	2	0.08	< 0.5	1	133	23	1.41	< 10	< 1	0.25	10	0.06	95

CERTIFICATION:

B. Coughlin



Chemex Labs Ltd.

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

Client: ARBOR RESOURCES INC.

2321 BELLEVUE AVE.
 WEST VANCOUVER, BC
 V7V 1C9

Page Number: 2-B
 Total Pages: 4
 Invoice Date: 22-AUG-90
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Project: DAWSON
 Comments:

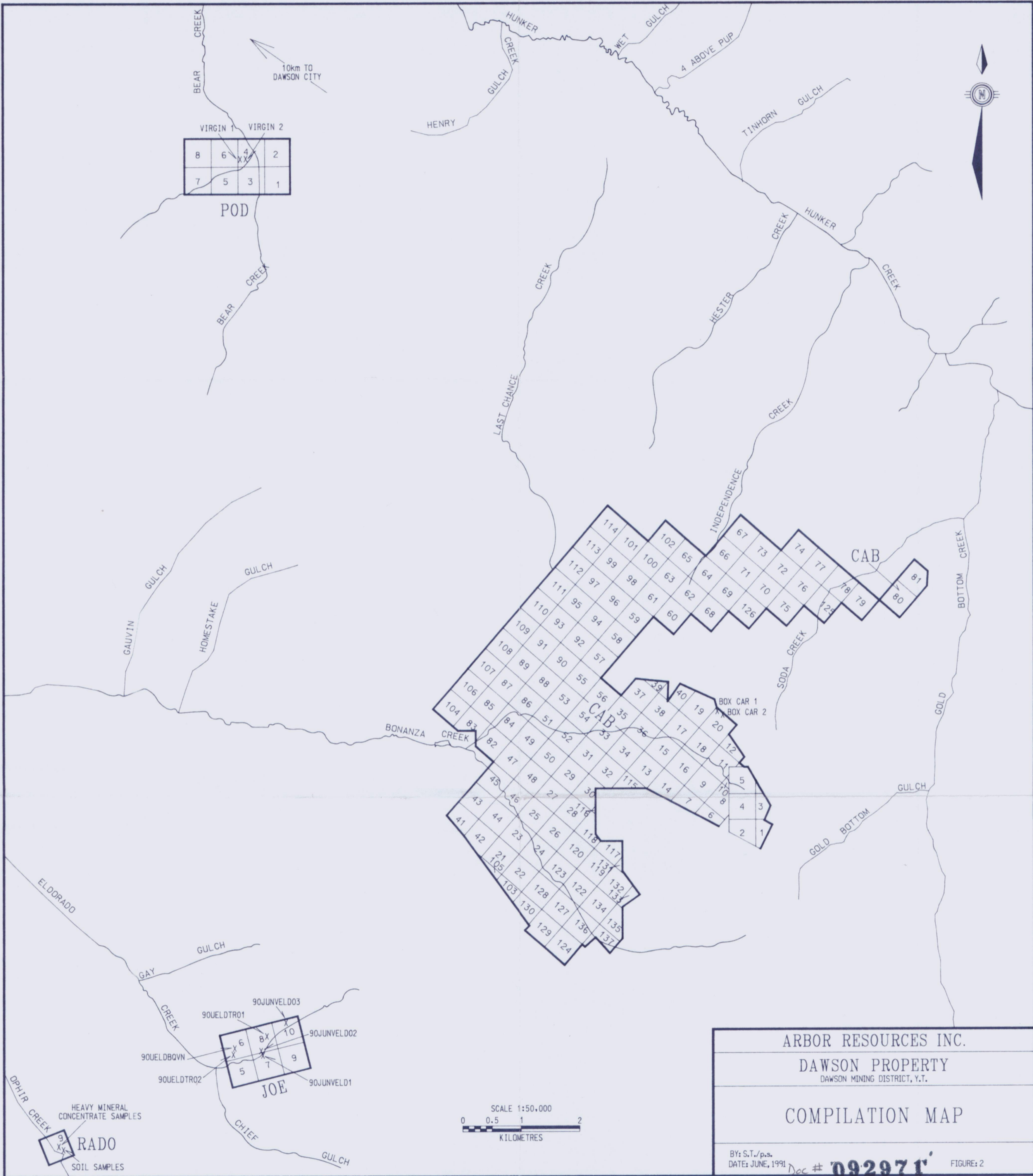
CERTIFICATE OF ANALYSIS

A9020957

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
108288	208 294	< 1	0.01	6	20	22	< 5	< 1	2	< 0.01	< 10	< 10	1	< 10	20
108289	208 294	< 1	0.01	7	40	74	< 5	< 1	3	< 0.01	< 10	< 10	1	< 10	6
108290	208 294	< 1	0.01	5	10	852	20	< 1	92	< 0.01	< 10	< 10	< 1	< 10	12
108291	208 294	1	0.02	6	420	280	< 5	< 1	47	< 0.01	< 10	< 10	3	< 10	54
108292	208 294	< 1	0.01	11	30	14	< 5	< 1	7	< 0.01	< 10	< 10	3	< 10	8
108294	208 294	1	0.12	343	2870	8	< 5	18	154	0.10	< 10	< 10	188	< 10	150
108295	208 294	1	0.01	4	20	16	< 5	< 1	1	< 0.01	< 10	< 10	1	< 10	2
108296	208 294	< 1	0.02	4	20	< 2	< 5	< 1	1	< 0.01	< 10	< 10	1	< 10	4
108297	208 294	< 1	0.02	5	20	< 2	< 5	< 1	1	< 0.01	< 10	< 10	1	< 10	4
108301	208 294	1	0.04	34	1080	18	5	11	120	0.02	< 10	< 10	61	< 10	90
108302	208 294	1	0.06	27	870	712	5	4	52	0.09	< 10	< 10	61	< 10	404
108303	208 294	< 1	0.05	4	60	4	< 5	< 1	3	< 0.01	< 10	< 10	1	< 10	4
108304	208 294	< 1	0.01	3	30	20	< 5	< 1	10	< 0.01	< 10	< 10	1	< 10	8
108305	208 294	< 1	0.01	4	10	6	5	1	490	< 0.01	< 10	< 10	1	< 10	24
108306	208 294	< 1	0.02	2	110	24	< 5	1	56	< 0.01	< 10	< 10	2	< 10	26
108308	208 294	< 1	0.14	32	1780	14	5	20	311	0.01	< 10	< 10	148	10	120
108309	208 294	1	0.05	5	440	30	< 5	2	39	< 0.01	< 10	< 10	34	< 10	70
108310	208 294	< 1	0.02	1	40	20	< 5	< 1	3	< 0.01	< 10	< 10	< 1	< 10	20
108311	208 294	1	0.04	6	20	352	< 5	2	11	< 0.01	< 10	< 10	1	< 10	18
108312	208 294	1	0.02	5	140	22	< 5	< 1	6	< 0.01	< 10	< 10	5	< 10	40
108313	208 294	< 1	0.01	5	< 10	4	< 5	< 1	1	< 0.01	< 10	< 10	1	< 10	2
108314	208 294	< 1	0.05	2	70	6	< 5	1	3	< 0.01	< 10	< 10	1	< 10	22
108315	208 294	1	0.11	1	150	< 2	15	< 1	19	< 0.01	< 10	< 10	1	< 10	4
108316	208 294	2	0.06	5	590	64	< 5	2	25	< 0.01	< 10	< 10	48	< 10	62
108317	208 294	1	0.01	7	30	6	< 5	< 1	1	< 0.01	< 10	< 10	3	< 10	10
108318	208 294	< 1	0.01	3	< 10	10	< 5	< 1	1	< 0.01	< 10	< 10	1	< 10	2
108319	208 294	9	0.06	35	630	3060	< 5	3	269	0.04	< 10	< 10	36	1550	98
108320	208 294	1	0.01	7	30	8	< 5	< 1	2	< 0.01	< 10	< 10	2	< 10	8
108321	208 294	2	0.02	10	780	62	5	2	15	< 0.01	< 10	< 10	9	< 10	78
108322	208 294	1	0.01	6	< 10	188	< 5	< 1	2	< 0.01	< 10	< 10	2	< 10	8
108323	208 294	2	0.01	4	250	36	< 5	1	11	< 0.01	< 10	< 10	3	< 10	62
108324	208 294	1	0.01	4	< 10	98	< 5	< 1	1	< 0.01	< 10	< 10	1	< 10	16
108325	208 294	< 1	0.04	7	380	20	< 5	1	10	0.01	< 10	< 10	12	< 10	46
108327	208 294	4	0.01	11	110	102	< 5	< 1	7	< 0.01	< 10	< 10	3	< 10	12
108333	208 294	6	0.04	20	3140	274	15	12	91	0.22	< 10	< 10	162	10	278
108336	208 294	< 1	0.46	72	2090	4	< 5	13	273	0.25	< 10	< 10	104	< 10	116
108338	208 294	< 1	0.03	10	260	714	5	4	80	< 0.01	< 10	< 10	9	< 10	322
108360	208 294	3	0.02	8	150	>10000	165	1	27	0.03	< 10	< 10	17	< 10	4660
108366	208 294	< 1	0.02	16	530	104	5	9	105	0.12	< 10	< 10	91	< 10	58
108368	208 294	3	0.12	4	130	96	< 5	1	12	0.01	< 10	< 10	10	< 10	34

CERTIFICATION:

B. Coughlin



MAP# 1150/14, 15-116B/2

147

October 9, 1991

Ms. Diane Wierda
Mining Records Clerk
Mining Recorder
Northern Affairs Program
Box 249
Dawson City, Yukon
Y0B 1G0

Fax 993-5701

Dear Ms. Wierda:

Hi, I'm the new guy who has taken over for Bill LaBerge. Could you please send me claim maps # 115 Q and 116 B (quartz). I would also like a copy of the ownership cards for the following claims:

CAS 20 YB 31979	-	50% Faith Minos Ltd./50% Rise Resources Inc.
POD 4 YB 20098	-	Arbor Resources Inc.
RADO 9 YB 17020	-	Arbor Resources Inc.
JOE 6 YB 99614	-	Greg Hakonson
JOE 7 YB 99615	-	Greg Hakonson
JOE 8 YB 99616	-	Greg Hakonson
JOE 10 YB 99618	-	Greg Hakonson

I believe these claims are all owned by Arbor Resources or associated companies. I am trying to update Min-Files and I need the NTS co-ordinates and any information regarding previous owners you might have for these claims.

Thanks for your help.

Sincerely,



Robert Deklerk

Staff Geologist
Geological Services
Dept. Indian and Northern Affairs
200 Range Road
Whitehorse, Yukon
Y1A 3V1

(403) 667-3134
Fax 668-2176

NAME
NOM GREG HAKONSON

Box 395, Dawson City, Yukon

FILE NO.
DOSSIER NO. W0025

DATE

SUBJECT-OBJET

31 Dec 95 Y65536-39 Joe #1-4 115-0-14

31 Dec 95 Y99613-18 Joe #5-10 115-0-14

4036682176 # 4

4039935701 →

10-10-91 10:47AM

SENT BY: DAWSON

NAME ARBOR RESOURCES INC.
 NOM

NAME ARBOR RESOURCES INC.
 NOM

FILE NO.
 1000-675 West Hastings St. DOSSIER NO. V0197

FILE NO.
 1000-675 West Hastings St. DOSSIER NO. V0197

Vancouver, B.C.

Vancouver, B.C.

DATE	SUBJECT-OBJET
11 Dec 2000	YA65627-650 A.C. 12-35 Upper Victoria Gulch Area 1150-14
11 Dec 2000	YA64216-247 R.J. 1-32 Bonanza & Eldorado Creeks 1150-14
1 Dec 2000	YA65595-616 R.J. 39-60 Bonanza & Eldorado Creeks 1150-14
1 Dec 2000	YA65618 R.J. 62 Bonanza & Eldorado Creeks 1150-14
1 Dec 96	YA65619 R.J. 63 Bonanza & Eldorado Creeks 1150-14
1 Dec 2000	YA65621-626 R.J. 65-70 Bonanza & Eldorado Creeks 1150-14
1 Dec 2000	YA64519-522 Cim 1-4 O'Neil Gulch Area 1150-14
1 Dec 99	YA84183-233 Rex 1-51 Chief Gulch Area 1150-14
1 Dec 97	YA32828 c/d Qyro Victoria Gulch Area 1150-14
Dec 94	YA88021-32 Hawk Lovett Hill 155-166 116B-03
Dec 94	YA88155-166 Hawk Lovett Hill 13-14 116B-03
May 91	YA30485-507 Hawk Australia Hill Area 116B-03
May 91	YA30508-540 Hawk Australia Hill Area 116B-03

DATE	SUBJECT-OBJET
31 Dec 2002	YA32783-784 DN 1-2 Eldorado Creek Area 1150-14
31 Dec 2000	YA47890-896 DN 3-9 Eldorado Creek Area 1150-14
31 Dec 2000	YA47082 DN 10 Eldorado Creek Area 1150-14
31 Dec 2000	YA32946-961 DN 11-26 Eldorado Creek Area 1150-14
31 Dec 2000	YA47083-087 DN 27-31 Eldorado Creek Area 1150-14
31 Dec 2000	YA47604-605 DN 32-33 Eldorado Creek Area 1150-14
31 Dec 2000	YA47088 DNF Eldorado Creek Area 1150-14
31 Dec 2000	YA47089 NDF Eldorado Creek Area 1150-14
31 Dec 2000	YA47090-091 DN 1F-2F Eldorado Creek Area 1150-14
31 Dec 2000	YA10300-339 Ron 1-40 Bonanza & Eldorado Creeks 1150-14
31 Dec 2000	YA49724-745 ND 1-22 Eldorado Creek Area 1150-14
31 Dec 2000	YA55250-263 DE 1-14 Victoria Gulch Area 1150-14
31 Dec 2000	YA55285-299 Vi 1-15 Eldorado Creek Area 1150-14
31 Dec 2000	YA65523 Vi 16 Eldorado Creek Area 1150-14
31 Dec 2000	YA65525 Vi 18 Eldorado Creek Area 1150-14
31 Dec 2000	YA65550-551 Vi 43-44 Eldorado Creek Area 1150-14
31 Dec 2000	YA64270-279 A.C. 1-10 Upper Victoria Gulch Area 1150-14
31 Dec 2000	YA64281 A.C. 11 Upper Victoria Gulch Area 1150-14

4036682176 # 5
 4039935701
 10-10-91 10:48AM
 SENT BY: DAWSON

NAME ARBOR RESOURCES INC.
 NOM

1000-675 West Hastings St. FILE NO.
 Vancouver, B.C. DOSSIER NO. V0197

DATE	SUBJECT-OBJET
17 Jun 93	Eldorado/Ophir Creek Area YB17012-016 Rado 1-5 1150-14
17 Jun 93	Eldorado/Ophir Creek Area YB17017 Rado 6 1150-14
17 Jun 93	Eldorado /Ophir Creek Area YB17018-021 Rado 7-10 1150-14
17 Jun 93	Eldorado/Ophir Creek Area YB17022-027 Rado 11-16 1150-14
17 Jun 93	Eldorado/Ophir Creek Area YB17064-073 Rado 53-62 1150-14
17 Jun 93	Eldorado/Ophir Creek Area YB17074-081 Rado 63-70 1150-14
17 Jun 93	Eldorado/Ophir Creek Area YB17114-123 Rado 107-116 1150-14
17 Jun 93	Eldorado/Ophir Creek Area YB17128-139 Rado 121-132 1150-14
7 Jun 93	Eldorado/Ophir Creek Area YB17140-145 Rado 133-138 1150-14
7 Jun 93	Eldorado/Ophir Creek Area YB17175-190 Rado 168-183 1150-14
7 Jun 93	Eldorado/Ophir Creek Area YB17191-195 Rado 185-189 1150-14
7 Jun 93	Eldorado/Ophir Creek Area YB17456-461 Rado 190-195 1150-14
9 Jul 94	Last Chance Creek Area YB17462-465 Mike 1-4 1150-14
7 Apr 92	Bear Creek Area YB30095-114 Pod 1-20 1150-14

4036682176 # 6

4039935701 →

10-10-91 10:49AM

SENT BY: DAWSON

YUKON MINFILE
STANDARD REPORT
CANADA YUKON ECONOMIC DEVELOPMENT PLAN - MINERAL RESOURCES SUBAGREEMENT

1150 072 LONE STAR

Other Names: ()
Deposit Types: VEIN

NtsMaps: STEWART RIVER

Status: PROSPECT
Commodities:

Location: 63 53'34"W, 139 13'21"W

CAPSULE WORK HISTORY

Staked as Lone Star, etc cl (9) in Nov/1897 by Messrs. Chute, Corthay and Stewart, who completed a 15 m adit and 16 m shaft by 1903. In 1909, control was acquired by Dr. Wm. Catto & Edgar Searle, who formed Lone Star, L and developed the property with an opencut 105 m long and up to 10 m deep, 225 m of drifting and 30 m of shafts, an 1100 m tramway and a 4 stamp mill (which treated 20 to 30 TPD) between 1909 and 1912 at a cost of \$42,000. From 1912 to 1914, the mill treated 7,650 tonnes of ore with a recoverable value of \$25,000. The adjoining Robin, etc claims to the southwest were explored with a 15 m shaft and an open cut in 1912 by Eldorado Dome Quartz Mg CL. The company reorganized as Cons Lone Star, L in 1925 and drove a 195 m adit and 30 m raise below the old workings in 1929-31. The property then lay idle until 1941, when Pioneer Mg CL optioned the property and sent 27.2 tonnes to a mill for testing. After Yukon Cons Gold Corp L trenched, drilled 6 Keystone holes (205 m) and drifted 60 m in 1946, property was acquired by F.G. Caley for taxes. Klondike Lode Gold ML added 185 Moon, etc cl (78700) to the NE and SW in 1960 and explored with extensive bulldozer trenching and sampling in 1960 and 1961 and 180 m of core drilling and 84 m of churn drilling in 1961. L. Miller tied on the Bon cl (Y99819) in June/75. In 1979, Caley sold the nine Crown Grants comprising the Lone Star property to a new company, Dawson Eldorado Gold Exploration Ltd, which optioned the adjoining DN etc claims (YA32783) of Klondike Ken Ventures Inc., enlarged the property and explored with geochemical sampling, a resistivity survey and trenching in 1980-81, geological mapping in 1983 and 1984 and geochemical sampling and rock sampling of nearby old workings in 1984. In 1985, Dawson Eldorado drilled 6 percussion holes (183 m). In June, 1986, Arbor Resources optioned the property, performed linecutting, mag, VLF and EM surveys and drilled 12 diamond holes (1094 m) and 2 rotary holes (320 m). In 1987, Arbor performed an airborne mag and EM survey, grid geochemistry, ground EM and IP surveys, bulldozer trenching and drilled 1 rotary hole (121.92 m). In 1990 Arbor performed further trenching and sampling and drilled 17 holes (882.4 m). All of this work was carried out in the immediate Boulder Lode area, and forms a small part of Arbor's work on its entire Klondike property, which in August, 1990 consisted of more than 3000 claims covering approximately 1200 square kilometres. Work on the entire property between 1986 and 1990 included trenching, airborne and ground geophysical surveys, geochemical surveys and 69 diamond drillholes (4518.7 m) and 110 reverse circulation holes (9919.7 m).

CAPSULE GEOLOGY

The claims are underlain by Klondike augen schist of middle Permian age. The schist is pervasively mylonitized and shows a wavy foliation. Shearing is believed to be Permo-Triassic in age, and there has been subsequent thrust faulting and normal faulting. Altered feldspar porphyry dykes have intruded NNE-trending extensional fractures which formed at a high angle to the Tintina Fault.

The Lone Star Thrust passes beneath the main Lone Star workings. The thrust fault strikes 110 degrees and dips at a low angle to the southwest and has placed Klondike augen schist over quartzite and porphyry. Along the thrust surface is a narrow lens of talc-carbonate altered serpentinite. The thrust fault is cut by a vertical north-striking cross fault. Rocks in the area are strongly deformed into northwest-trending, tight to isoclinal second phase folds which are overturned to the northeast. Gold occurs in discordant quartz and pyrite-quartz veins and stringers above the thrust fault. There are two sets of veins, a dominant set which dips northeast at a shallow angle, and a set

YUKON MINFILE
STANDARD REPORT
CANADA YUKON ECONOMIC DEVELOPMENT PLAN - MINERAL RESOURCES SUBAGREEMENT

1150 072 LONE STAR

Other Names: ()
Deposit Types: VEIN

NtsMaps: STEWART RIVER

Status: PROSPECT
Commodities:

Location: 63 53'34"N, 139 13'21"W

CAPSULE GEOLOGY

of vertical veins which strike approximately north. Quartz also occurs as concordant foliaform lenses, which are unmineralized. The mineralized zone is believed to lie in the sheared hinge of a second phase antiform with a south-dipping axial plane. In the Boulder Lode open cut, the main vein strikes 120 degrees and dips 40N. Visible gold occurs along the vein margins and in narrow pyrite veinlets. Muscovite schist alongside the vein is silicified. A second parallel vein lies 4.6 m west of the main Boulder Lode vein chip sampled in 1990, assayed 51.4 g/t Au across 0.3 m.

The Lone Star adit intersected the Boulder Lode at about 30 m, and drifted along it for about 100 m. The workings penetrated below the leached zone and showed clearly that the younger gold-quartz veins contain most of the gold. A large pocket of sulphide ore was found in the open cut, but this could not be treated with the amalgam method used in the mill. Production records show that 7 650 tonnes were milled with a recoverable grade of 5.1 g/t Au and an average gold to silver ratio of about 4:1. Farrell concluded that recovery by the amalgamation method was probably only 75% and that the quartz ore probably averaged about 6.9 g/t Au. The true grade of the showing would have been raised to more than 6.9 g/t Au with inclusion of the sulphide mineralization that was present.

A hand-picked sample of sulphides weighing 844 kg was shipped in 1913 to the Selby Smelting Works, San Francisco, and returned \$2009 in gold, a grade of about 368.6 g/t. Ten sacks of waste from the dump shipped to the Trail smelter in 1930 as a test averaged 2.12 g/t Au, with a recovery of 97%. Two selected sulphide specimens collected in 1925 from a shaft below the floor of the open cut returned assays of 11 725.4 g/t and 11 108.3 g/t Au and 2648.4 g/t and 3017.1 g/t Ag.

Old records from the Lone Star property indicate that gold is erratically distributed and that the true grade is very difficult to determine. The various geologists who chip sampled this property over the years all obtained assays that averaged less than mill grade, and each concluded that such sampling did not adequately account for the presence of occasional high-grade veinlets or sulphide patches. For example, chip samples of the 1929 adit average less than 0.34 g/t Au but muck sampling of 24 drift rounds (about 32 m of drift) in 1930 gave average assays of 6.5 g/t. The following year, 38 rounds averaged 5.8 g/t Au while 14 raise rounds below the floor of the open cut averaged 4.5 g/t Au.

Arbor's drilling and trenching between 1986 and 1990 outlined a concordant, rusty zone 200 m long and up to 31 m thick beneath the Lone Star workings which has potential as a bulk tonnage oxide gold deposit. 1988 trench samples returned up to 150 g/t Au over 1.8 m. In drillholes, grades range from 2.1 g/t to 24.7 g/t Au over widths of 1 to 25 m. Based on the 1986 and 1990 drilling, geological reserves are estimated at 907 200 tonnes grading 2.4 g/t Au.

This zone is overlain by a 2 km long gold geochemical anomaly and a 500 x 100 m geophysical anomaly, and appears to be located at the intersection of the Lone Star Thrust and a north-striking vertical fault. A parallel geochemical anomaly occurs on Gay Gulch, 2 km to the southeast.

J. Mortensen obtained a Permian lead isotopic age from a composite gold-pyrite-chalcopyrite-sphalerite grain from the Lone Star property and has suggested that the mineralization is syngenetic.

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1150 072 LONE STAR

Other Names: ()
Deposit Types: VEIN

Status: PROSPECT
Commodities:

NtsMaps: STEWART RIVER

Location: 63 53'34"N, 139 13'21"W

BIBLIOGRAPHY

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STANDARD REPORT
CANADA YUKON ECONOMIC DEVELOPMENT PLAN - MINERAL RESOURCES SUBAGREEMENT

1168 007 VIRGIN

Other Names: (OPHIR, GORDON)
Deposit Types: VEIN

Status: SHOWING
Commodities: GOLD

NtsMaps: DAWSON

Location: 64 00'05"N, 139 14'02"W

CAPSULE WORK HISTORY

Staked as Ophir, etc cl(597) in June/01, Gordon cl(6981) in May/04, Virgin cl(10862) in May/08 and Jean cl(11141) in Aug/09 by J. Whitelaw, who completed two adits (12 m and 3 m), a 6 m shaft, a 12 m long open-cut and a number of trenches in 1902-07. A two stamp mill was installed during 1913 by Klondike Gold Quartz ML, which sank a second shaft to 10.7 m, extended one of the adits to 88.4 m and is rumoured to have recovered about \$5,000 in gold. The property was purchased in 1914 by Bear Creek Mg CL, which added a few claims and surveyed and leased several in 1915. The property later reverted again to Klondike Gold Quartz which reorganized in 1934 and attempted to install a larger mill. Restaked as Hun cl(Y65318) in May/72 by R.G. Hilker for Sullivan and Rogers, who conducted mapping and geochemical sampling later in the year and trenching in 1973; and as Gos cl (YA5138) in July/76 by F. Burkhard. F. Merryth tied on Long cl (YA4691) in May/80 and Dawson Eldorado added Easy & Klot cl (YA65445) in Feb/83 and performed mapping and geochemical surveys later in the year. Gallant Gold ML tied on Moon cl (YA79671) to the north in Jan/84 and Penibe cl (YA84296) to the east in July/84 and explored with mapping, sampling and an airborne EM survey later in the year and trenching in 1989. Arbor Resources staked two fractional claims (Bulldozer, YB39722) at the head of Bear Creek in December, 1990.

CAPSULE GEOLOGY

The area is underlain by blocky quartz-muscovite-(chlorite) schist with small quartz augen and abundant narrow foliaform barren quartz and quartz-feldspar sweets. The old workings on the property are either completely caved or have been covered by placer tailings. The workings were visited briefly by MacLean (1914) and Bostock (1935), and the results of these examinations are summarized below. During MacLean's visit in 1912, the workings consisted of a shaft 7 m deep near the Discovery post on Bear Creek, a trench immediately SE of the shaft, and a short (3.2 m) adit. MacLean stated that in the shaft "the first 8 ft contained but little quartz; with increasing depth, stringers and bunches were encountered, and, for the last 10 ft the excavation is largely in quartz...A sample taken clear across the bottom (4 ft wide), panned good colours of gold". Two samples of quartz vein from the trench yielded gold colours by panning. In the adit, veins and stringers of quartz were observed and these comprised up to 25% of the rock at the face. Four samples were taken from the adit by MacLean and all showed good colours in the pan. Gold content of samples collected from the property varied considerably, but two samples from the adit were reported by MacLean to have assayed 27.4 g/t and 30.9 g/t Au. Bostock (1935) examined the property during the period that Klondike Gold Quartz Mines was developing it. As a result of his examination, Bostock stated: "In the sides of shaft No. 1 the northern of the two shafts, three quartz veins are visible. They are 4 to 14 inches wide, strike between 118 and 130 degrees, and dip northeast at angles of 50 to 70 degrees. Shaft No. 2 is about 70 ft south and 30 ft east of shaft No. 1. On the south side of Shaft No. 2 there are two quartz veins 8" and 14" wide and 16" apart. They strike 130" and dip northeast at angles of respectively 550 and 700. Approximately 25 ft southward along the strike two veins are exposed. These resemble and probably are continuation of the two veins seen in No. 2 shaft. The quartz of the veins is dense and white. A very few crystals of pyrite are present in the quartz in places and some iron stain occurs along fractures. It is reported that specks of free gold can be found in fractures in the veins. A large, trench-like excavation about 90 ft lower than and southeast of the shafts, and made where the veins in the

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REVISED: 91/07/10

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STANDARD REPORT
CANADA YUKON ECONOMIC DEVELOPMENT PLAN - MINERAL RESOURCES SUBAGREEMENT

116B 007 VIRGIN

Other Names: (OPHIR, GORDON)
Deposit Types: VEIN

NtsMaps: DAWSON

Status: SHOWING
Commodities: GOLD

Location: 64 00'05"N, 139 14'02"W

CAPSULE GEOLOGY

shafts might be expected to occur, reveals a mass of quartz float and, in two places, quartz that may be in place. This quartz holds a little pyrite. No. 1 adit is approximately 110 ft lower than, and 325 ft south from, No. 2 shaft. The adit is 30 ft long and runs northwest directly into the hill. At its inner end a group of small veins, of quartz like that of the other veins described, occur. The veins are 1 to 4 inches wide, occur across a width of 45", strike 125 degrees, and dip northeast at an angle of 5 degrees. The entry of No. 2 adit is approximately 600 ft southeast of No. 2 shaft and at an elevation of about 1,720 ft. From the portal the adit runs directly into the hill. It follows a course of 328 degrees for approximately 200 ft and at the end of this distance bends to the northeast and continues along this course for nearly 90 ft. This adit, like the other workings, is in green schists. It cuts across a number of small, corrugated veins and lenses of quartz that tend to follow the planes of schistosity in the schists. In a few places large cubes of pyrite occur in the veins and in the schists. No veins in No. 2 adit were noted to cut across the schists in the direction followed by the veins in the shafts." Klondike Gold Quartz Mines, which did further development on the property after Bostock, presented the following Au assay data in a company prospectus prepared in late 1934 or early 1935:

- Shaft No. 1 - grab(?) samples taken at 0.6 m intervals from surface to a depth of 12 m; total of 24 samples, range 3.8 to 260.2 g/t, avg. 30.5 g/t
- Shaft No. 2 - grab(?) samples taken at 0.6 m intervals from surface to depth of 8.5 m; total of 10 samples, range 7.2 to 75.8 g/t, avg. 26.4 g/t
- No. 1 adit - grab(?) samples taken at roughly 3 m intervals from 8 m from portal to 18.3 m; total of 5 samples, range 20.9 to 44.9, avg. 32.6 g/t
- No. 2 adit - channel samples taken at 3 m intervals over 43 m interval from 21 m from portal to 64 m from portal; total of 15 samples, range 20.9 to 100.1, avg. 36.7 g/t
- channel samples at 1.5 m intervals over 21.3 m interval along crosscut beginning at 64 m from portal; total of 15 samples, range 20.9 to 185.8 g/t, avg. 40.8 g/t.

As stated above, the workings on the property are presently inaccessible and it is therefore impossible to verify these rather impressive assay results. In view of Bostock's description of the workings, however, the validity of these assays is somewhat questionable. In summary, gold-bearing, discordant, slightly pyritic quartz veins occur at several locations on the property. Galena is locally present in trace amounts. The veins strike northwesterly, dip moderately to steeply to the northeast, and range from 2 to 40 cm in thickness. Blocks of vein quartz, which are apparently locally derived and contain trace amounts of pyrite as cubes and grain aggregates to 2 cm in diameter, are present near Shaft No. 2 (see Figure). Some of these blocks are from discordant veins as much as 1 m in thickness suggesting the presence of relatively large veins in the immediate vicinity. The significance, if any, of the assay results quoted by Klondike Gold Quartz Mines remains uncertain. Gold is definitely present in at least micro-amounts in some of the vein material at the mouth of Discovery Pup (as noted by MacLean), and visible gold (associated with pyrite) has been found in discordant vein material in the chute into the ore bin at the old mill. Bostock's description of the wallrock in the No. 2 adit, however, suggests that all of the quartz present there is foliaform, and thus is unlikely to contain gold. The

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116B 007 VIRGIN
Other Names: (OPHIR, GORDON)
Deposit Types: VEIN

Status: SHOWING
Commodities: GOLD

NtsMaps: DAWSON

Location: 64 00'05"N, 139 14'02"W

CAPSULE GEOLOGY

waste dump of the No. 2 adit has been removed during placer mining and therefore cannot be sampled.

BIBLIOGRAPHY

"Lode Mining in Yukon" by T.A. MacLean, Mines Branch, Pub. 222, 1914, pp 41-49
M178, pp 5-7
"The Yukon Territory - Its History and Resources", Dept. of Interior, 1916, pp 140-1
YEG 1983, p.277; 1984, pp.233-234

Property Name:VIRGINNTS: 116B/3Description (cont'd):

No. 1 adit is approximately 110 ft lower than, and 325 ft south from, No. 2 shaft. The adit is 30 ft long and runs northwest directly into the hill. At its inner end a group of small veins, of quartz like that of the other veins described, occur. The veins are 1 to 4 inches wide, occur across a width of 45", strike 125°, and dip northeast at an angle of 55°.

The entry of No. 2 adit is approximately 600 ft southeast of No. 2 shaft and at an elevation of about 1,720 ft. From the portal the adit runs directly into the hill. It follows a course of 328° for approximately 200 ft and at the end of this distance bends to the northeast and continues along this course for nearly 90 ft. This adit, like the other workings, is in green schists. It cuts across a number of small, corrugated veins and lenses of quartz that tend to follow the planes of schistosity in the schists. In a few places large cubes of pyrite occur in the veins and in the schists. No veins in No. 2 adit were noted to cut across the schists in the direction followed by the veins in the shaft.

Klondike Gold Quartz Mines, which did further development on the property after Bostock, presented the following Au assay data in a company prospectus prepared in late 1934 or early 1935:

- Shaft No. 1 - grab(?) samples taken at 2 ft intervals from surface to a depth of 40 ft; total of 24 samples, range 0.11 to 7.59 oz/ton, avg. 0.89 oz/ton
- Shaft No. 2 - grab(?) samples taken at 2 ft intervals from surface to depth of 28 ft; total of 10 samples, range 0.21 to 2.21, avg. 0.77
- No. 1 adit - grab(?) samples taken at roughly 10 ft intervals from 25 ft from portal to 60 ft; total of 5 samples, range 0.61 to 1.31, avg. 0.95
- No. 2 adit - channel samples taken at 10 ft intervals over 140 ft interval from 70 ft from portal to 210 ft from portal; total of 15 samples, range 0.61 to 2.92, avg. 1.07 oz/ton
- channel samples at 5 ft intervals over 70 ft interval along crosscut beginning at 210 ft from portal; total of 15 samples, range 0.61 to 5.42, avg. 1.19 oz/ton.

As stated above, the workings on the property are presently inaccessible and it is therefore impossible to verify these rather impressive assay results. In view of Bostock's description of the workings, however, the validity of these assays is somewhat questionable.

In summary, gold-bearing, discordant, slightly pyritic quartz veins occur at several locations on the property. Galena is locally present in trace amounts. The veins strike northwesterly, dip moderately to steeply to the northeast, and range from 2 to 40 cm in thickness.

Property Name:VIRGINNTS:

116B/3

Description (cont'd):

Blocks of vein quartz, which are apparently locally derived and contain trace amounts of pyrite as cubes and grain aggregates to 2 cm in diameter, are present near Shaft No. 2 (see Figure). Some of these blocks are from discordant veins as much as 1 m in thickness suggesting the presence of relatively large veins in the immediate vicinity. The significance, if any, of the assay results quoted by Klondike Gold Quartz Mines remains uncertain. Gold is definitely present in at least micro-amounts in some of the vein material at the mouth of Discovery Pup (as noted by MacLean), and visible gold (associated with pyrite) has been found in discordant vein material in the chute into the ore bin at the old mill. Bostock's description of the wallrock in the No. 2 adit, however, suggests that all of the quartz present there is foliaform, and thus is unlikely to contain gold. The waste dump of the No. 2 adit has been removed during placer mining and therefore cannot be sampled.

References:

"Lode Mining in Yukon" by T.A. MacLean, Mines Branch, Pub. 222, 1914, pp 41-49
M178, pp 5-7

"The Yukon Territory - Its History and Resources", Dept. of Interior, 1916, pp 140-

YEG 1983, p.277; 1984, pp.233-234

DEX TRANSMISSIONPage 1 of 6TO: GEOLOGY Attn: Robert Deklerk, Staff GeologistNORTHERN AFFAIRS PROGRAM200 RANGE ROAD , WHITEHORSE , YUKON TERR.TELEPHONE: 668-4070 Fax: 668-2176

FROM:	MARION E. DEJEAN	MINING RECORDER
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	DAWSON CITY	YUKON TERRITORY Y0B 1G0

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Attached is the information you requested. Please note that
POD 4 is YB30098, not YB20098.

Maps are available from Drafting which is also located at
200 Range Rd.

Property Name: Common BOX CAR Other

Location: Lat. 63°55' Long. 139°03' NTS 115 0/14

Metals: Major Silver, Lead, Copper Minor Gold

Type of Mineral Deposit: Vein

History and Previous Work:

* Staked as Maid of Erin, etc cl (1964) in June/01 by T. Keenan, who sank
* a 60 ft shaft and shipped 7.5 tons to a smelter in 1902. Restaked as the 14
claim Box Car group (11063) in July/09 by Mrs. Jane Orrell. Development prior
to 1912 was restricted to the Jackpot and Keynote claims and consisted of
several trenches and open cuts and a 65 ft shaft. A second shaft about 60 ft
* deep was sunk on the Jackpot cl in 1920 by R.W. Brazil under an option.

Restaked as Box Car cl (15456) in June/29 by E.W. Jackson; as Chicago &
Tenderfoot cl (57703) in Sept/51 by R.H. William & J.A. Gould; as Kathleen cl
(57266) in Oct/55 by G.W. Scott; as Eldorado cl (78178) in Oct/56 by W.E. Wyatt,
as Carol cl (87522) in July-66/Mar/68 by V. Scheck; as Box Car cl (Y56918) in
July/70 by Thornburg Mg C (Orekon Synd); and as Tom cl (Y65102) in July/71 by
M. Maule. The only recent work was extensive bulldozer trenching in 1967 and
1968 by V. Scheck. The Tom cls were surrounded by the Pup cl (Y65465) in May/72
by R.G. Hilker for Sullivan and Rogers, who conducted mapping and soil sampling
later in the year.

Restaked as Klox cl (YA65695) in June/83 by Dawson Eldorado Gold EL, which
performed mapping and geochem sampling later in the year.

Description:

** The area is underlain by pale green to tan weathering quartz-chlorite-
muscovite schist. Cu-Pb-Ag-Au mineralization was discovered on the Box Car
occurrence in 1901 and was explored by hand pits, shallow shafts and short
declines. MacLean (1914) examined and sampled the workings in 1912. Known
mineralization is confined to two showings referred to by MacLean as the Jackpot
and Keynote showings. Two shafts (to depths of 15.2 and 9.8 m) are present on
the Jackpot and the immediate area around the shafts has been stripped by
bulldozer. Mineralization exposed there consists of malachite, azurite, minor
chalcopyrite, and rare clots of galena disseminated in quartz-chlorite-muscovite
schist within and adjacent to a 1.5 m wide shear zone oriented at 155/85 SW.
Both shafts were sunk on this shear zone. There is no well defined vein exposed
at surface; the mineralization is more disseminated in nature. Small amounts
of quartz have been introduced along the shear zone, and fine-grained, clear,
drusy quartz crystals line some of the fractures and cavities within brecciated
rock in the shear zone. Epidote is also relatively abundant in and near the
shear zone, occurring both as fracture fillings and disseminations. Old newspaper
accounts of the Jackpot workings describe a quartz-galena vein ranging from 0.5
to 1.2 m in width that was intersected at depth in the two shafts. The presence
of this vein cannot be verified as the shafts are both presently inaccessible.
Descriptions of the Box Car showings commonly refer to single vein structures
up to 2000 ft (610 m) long. Although exposures of quartz on the ridge crest
that had been included in this strike length are quite abundant, most such
exposures are of the foliaform variety of quartz rather than the younger, cross
cutting vein type. There is therefore no evidence for significant strike
length to individual veins or shear structures on the property.

Property Name:BOX CAR

NTS 115 0/14

Description (cont'd):

MacLean (1914) took 4 samples from the Jackpot showing. All were from the head of the 15.2 m shaft and from an adjoining trench. A sample from the head of the shaft (within the shear zone) assayed 0.02 oz/ton Au and 26.9 oz/ton Ag. Three channel samples across the trench floor (also within the shear zone) ranged from 0.03 to 0.04 oz/ton Au and 0.1 to 5.5 oz/ton Ag. Several grab samples have also been assayed. R.W. Brazil reported assays of 10% Cu, 35% Pb, 0.24 oz/ton Au and 58.3 oz/ton Ag from the vein encountered by the 15.2 m shaft. E. Kindle (pers. comm. reported in Gleeson, 1970) reports an assay of 3.25% Cu in one sample. A sample of galena-bearing schist collected by Debicki (1984) contained more than 0.4% Cu, 8.77% Pb, 7.1 oz/ton Ag and anomalous amounts of Zn, Ba, Sb and Bi.

A separate vein structure is exposed on the old Keynote claim, about 700 m north of the Jackpot shafts. This vein has been explored over about 40 m by several hand trenches and small open cuts. It is oriented at 070/21 SE and ranges in thickness from 3 cm to 1 m. The vein consists mainly of white, coarse-grained quartz, with very rare galena and pyrite. MacLean (1914) took 3 samples of the vein material, none of which contained any values in Au and Ag.

References:

- * Klondike Nugget, 3 July, 10 Aug/01
- * Yukon Sun, 13 Sept, 20 Oct/01
- * Dawson Daily News, Golden Cleanup Edition, Spring/02; 24 June/13; 27 Nov/20
- T.A. MacLean, 1914, "Lode Mining in Yukon", Mines Branch Pub. 222, pp.87-91
- Bull 183, p.14
- ** Debicki, R.L., 1984, "Bedrock Geology and Mineralization of the Klondike Area", Indian and Northern Affairs Canada, Open File 1984
- YEG 1983, p.263; 1984, pp.203-206

Property Name: Common VIOLET Other

Location: Lat. 63°51' Long. 139°16' NTS 115 0/14

Metals: Major Gold Minor Silver, Lead, Copper, Barite

Type of Mineral Deposit: Vein

History and Previous Work:

Staked as Violet (208A), Ruth (1804), etc in Jan-June/01 by A.E. Bendin, who formed a company, Violet Mg CL. By 1907, it had completed \$60,000 of development on the Violet group, including 3 shafts (47, 7 and 11 m deep), 133 m of drifting and an open cut (15 by 4 by 5 m), a 1065 m tramway to a cyanide mill on Ophir Creek which treated 5 tons in 1905 and 1.5 tons in 1906, and taken 11 claims to lease.

Restaked as Ophir cl (56180) in Mar/47 by Ophir Mg Synd, and as Vi cl (YA55285) in May/81 by Ebony Res L, which performed a photogrammetric survey in 1981 and geochem sampling in 1982. The claims were transferred to Silvercrest Res Corp, which performed mapping and sampling in 1983 and geochem sampling and hand pitting in 1984. The claims were transferred to Dawson Eldorado ML in 1985. Arbor Res L tied on Rado cl (YB17102) to the south and west in June and July/88.

**

Description:

Several massive white quartz-barite veins cut flaggy, quartz and feldspar augen-bearing, quartz-muscovite schist. The largest vein is 1.2 to 2 m wide, strikes east and dips 80° south and has been traced for over 80 m into a lineament that extends 1 km farther. Minor amounts of pyrite, galena and chalcopyrite occur in small pockets along the vein.

Assay values of up to 3.8 oz/ton Au were reported from surface by early workers on the Violet group but no assays are available from the underground workings. MacLean took 25 samples on surface, of which 20 contained no gold or silver. Two of six grab samples from 150 tons of quartz on the dump of the main shaft assayed 0.04 and 0.1 oz/ton Au and 0.3 and 0.1 oz/ton Ag. A 0.6 m channel sample containing sulphides from a trench assayed 0.09 oz/ton Au and 0.6 oz/ton Ag. A grab sample containing sulphides from a shaft dump assayed 0.04 oz/ton Au and 0.6 oz/ton Ag, while a 3.2 m channel sample from the face of an adit assayed 0.02 oz/ton Au and 0.03 oz/ton Ag.

A selected sample of quartz-barite vein material collected 600 m north of the main shaft by Gleeson assayed 0.02 oz/ton Au, 0.04 oz/ton Ag, 1.4% Pb and 1.3% Ba. A selected sample collected from the dump of the main shaft by Debicki assayed 0.09 oz/ton Au and 0.11 oz/ton Ag.

References:

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