SUMMARY REPORT

ON THE

PAULSON PROJECT

BRITISH COLUMBIA, CANADA

NUGGET GROUP

Nugget, Nugget 1, Nugget 2, Nugget 3, Nugget 4,
Nugget 5, Nugget 6 FR, Nugget 7, Nugget 8,
Nugget 9, Nugget 10, Nugget 11,
Nugget 12, Nugget 13 FR, Nugget 14.

Annual Work Approval Number KAM 92-0400366-1696
Reclamation Permit MX-14-15

Map Sheet 082E 01E
UTM Zone 11

TRAIL CREEK

MINING DIVISION

Prepared for

CROWN RESOURCES CORP.
Suite 100-200 Granville Street
Vancouver, B.C.
V6C 1S4

Prepared by

R.E. Miller
P.O. Box 2941
Grand Forks, B.C.
V0H 1H0

May 1993

LETTER

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1.0 INTRODUCTION

This report describes the 1992 Nugget Claim Group mineral exploration program conducted by Crownex Resoources Ltd., a wholly owned subsidiary of Crown Resources Corp., Seventeenth Street Plaza, 1225 17th street, Suite 1500 Denver, Colorado 80202. Field data was gathered from April 1991 to December 1992, over the Nugget claim block which is located 40 km east of Grand Forks, B.C.. Exploration work consisted of airborne geophysics, ground magnetometry, gridding, soil sampling, rock chip sampling, and reverse circulation drilling.

1.1 SUMMARY

Literature search and reconnaissance geology, geochemistry, and ground geophysics in April and May 1991, prior to land acquisition, indicated geology possibly favorable to the development of bulk tonnage gold drill targets existed in the area around the old Canadian Pacific rail station at Paulson, some 40 km east of Grand Forks.

Minor high grade gold production west south west of Paulson, has been associated with sulfide and magnetite bearing, siliceous skarnification of select limestone beds. East of Paulson, gold silver ore has been obtained from quartz monzonite hosted quartz veins.

The Dighems airborne geophysical survey was chosen as the

most efficient initial exploration tool as steep-rugged terrain, abundant overburden, heavy vegetation, and difficult local access hampered the ground based gold exploration data collection.

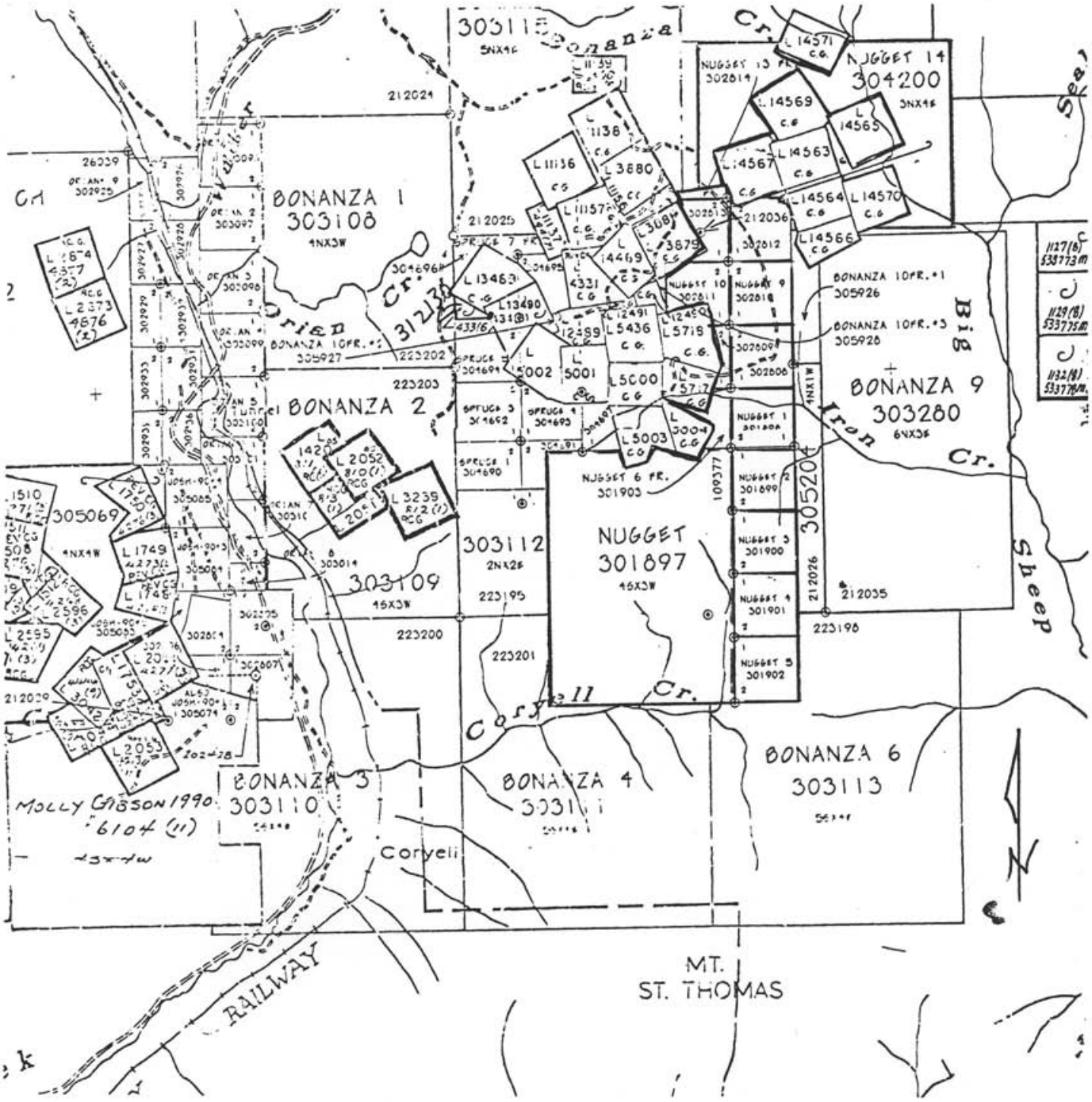
A number of well mineralized gold and base metal occurrances fall within the Paulson survey block, producing a comparative data base aiding in the interpretation and extrapolations of the Airborne geophysical information.

The Nugget claims group lies within the boundaries of Crown Resources larger Paulson Airborne geophysical survey block, details of which are found in Crown's Bonanza and Orion Group B.C. Assessment Reports 1992.

1.2 PROPERTY AND OWNERSHIP

The Nugget properties are comprised of 13 two post claims and 2 M.G.S. claims totalling 42 units and are optioned from John Kemp of Grand Forks, B.C. by Crownex Resources Ltd., a wholly owned subsidiary of Crown Resources Crop., 17th Street Plaza, 1225 Seventeenth Street, Suite 1500 Denver, Colorado 80202. The properties are located in the Trail Creek Mining Divisions. (Figure #1)

The following table summarizes the pertinent claim data.



NUGGET GROUP
FIG. # 1

1:50,000

NUGGET GROUP

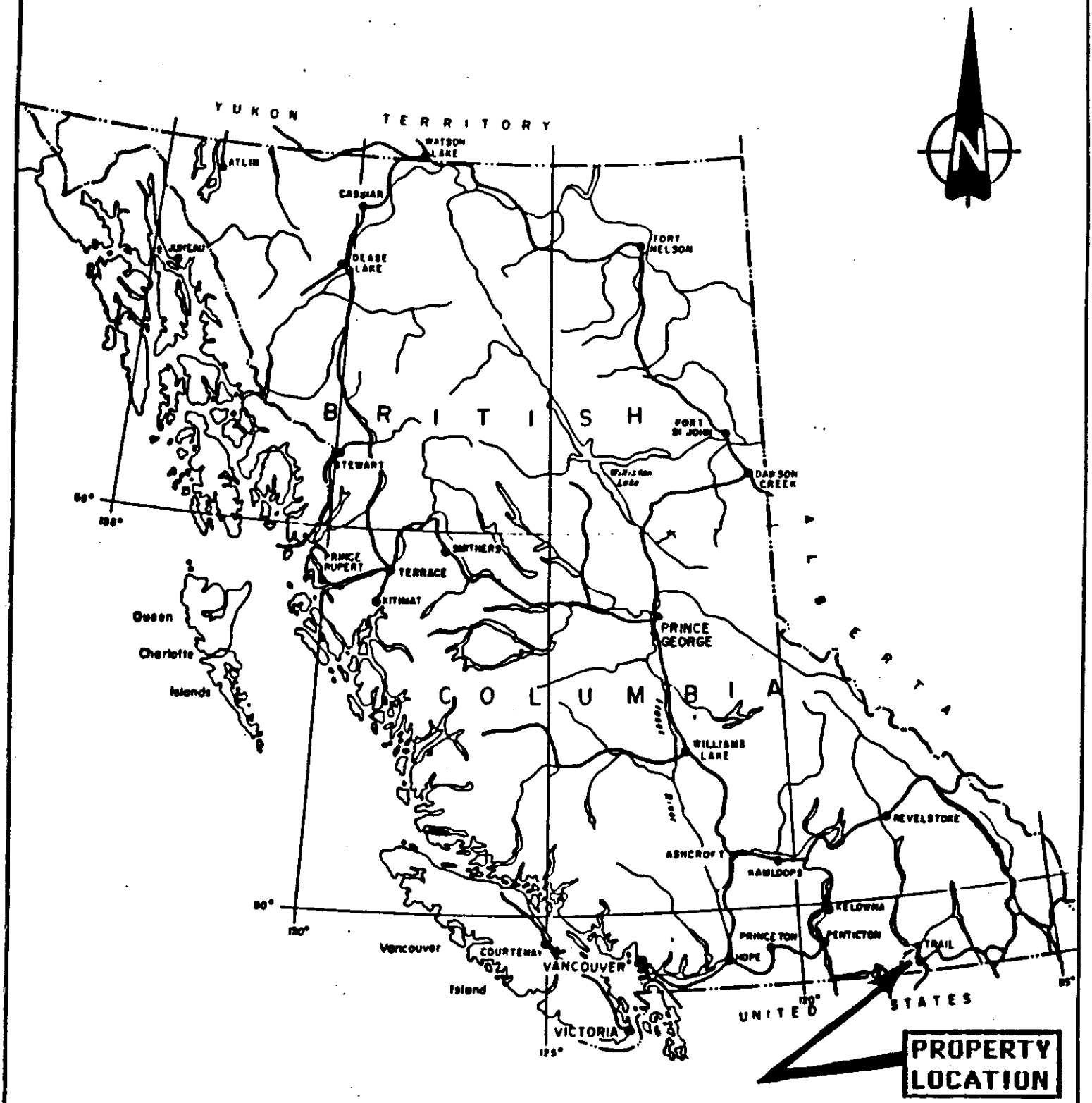
CLAIM NAME	RECORD	UNITS	EXPIRY DATE*
Nugget	310914	16	July 6, 1994+
Nugget 1	310915	1	July 6, 1994+
Nugget 2	310916	1	July 6, 1994+
Nugget 3	310917	1	July 6, 1994+
Nugget 4	310918	1	July 6, 1994+
Nugget 5	310919	1	July 6, 1994+
Nugget 6 FR	310920	1	July 6, 1994+
Nugget 7	302808	1	July 30, 1994
Nugget 8	302809	1	July 30, 1994
Nugget 9	302810	1	July 30, 1994
Nugget 10	302811	1	July 30, 1994
Nugget 11	302812	1	July 30, 1994
Nugget 12	302813	1	July 30, 1994
Nugget 13 FR	302814	1	July 30, 1994
Nugget 14	304200	12	September 13, 1994

*Pending acceptance of this report

+Crownex recorded owner

1.3 LOCATION. ACCESS AND PHYSIOGRAPHY

The Nugget claim group is situated in the Trail Creek Mining Division of Southern British Columbia near Bonanza Pass on Highway #3, 7.0 km east of Paulson, an old Canadian Pacific rail station.(Figures #2 & 3) Grand Forks is approximately 40 km to the west and Castlegar is about 35 km to the east. Granville Mountain is near the northwest side of the property at Latitude 49° 11' N Longitude 118°



CROWN RESOURCES CORP.			
PROPERTY LOCATION MAP			
NUGGET CLAIMS			
DRAWN BY: REM	NTS: 82E/1	DATE: 3/93	FIGURE: 2

4' W. McRae Creek is near the west boundary of the property and Big Sheep Creek is near the east boundary edge.

Access is via the Bonanza Creek road off of Highway #3 some 7.0 km east of the Paulson Bridge. (Figure #3) Numerous logging, mining and bush roads provide excellent access to most of the property.

Granville Mountain is the main topographical feature near the property at a height of 1800+ meters (5838 feet). The topographical low point near the porperty is located south of Paulson by the old railroad stop at Coryell where the elevation is 1025 meters (3177 feet) for an approximate local relief of 675 meters. Mount St. Thomas, just to the south of the property, is some 2100+ meters (6500 +feet) in elevation and is the most prominent point in the immediate area. (Figure #3)

Topography varies from gentle rolling hills in the central up-lands, to precipitous cliffs south along Coryell Creek, east along Big Sheep Creek, and to the west along McRae Creek.

Vegetation consists mainly of conifers and scrub bush. Numerous old clear cut logging areas are located within the group.

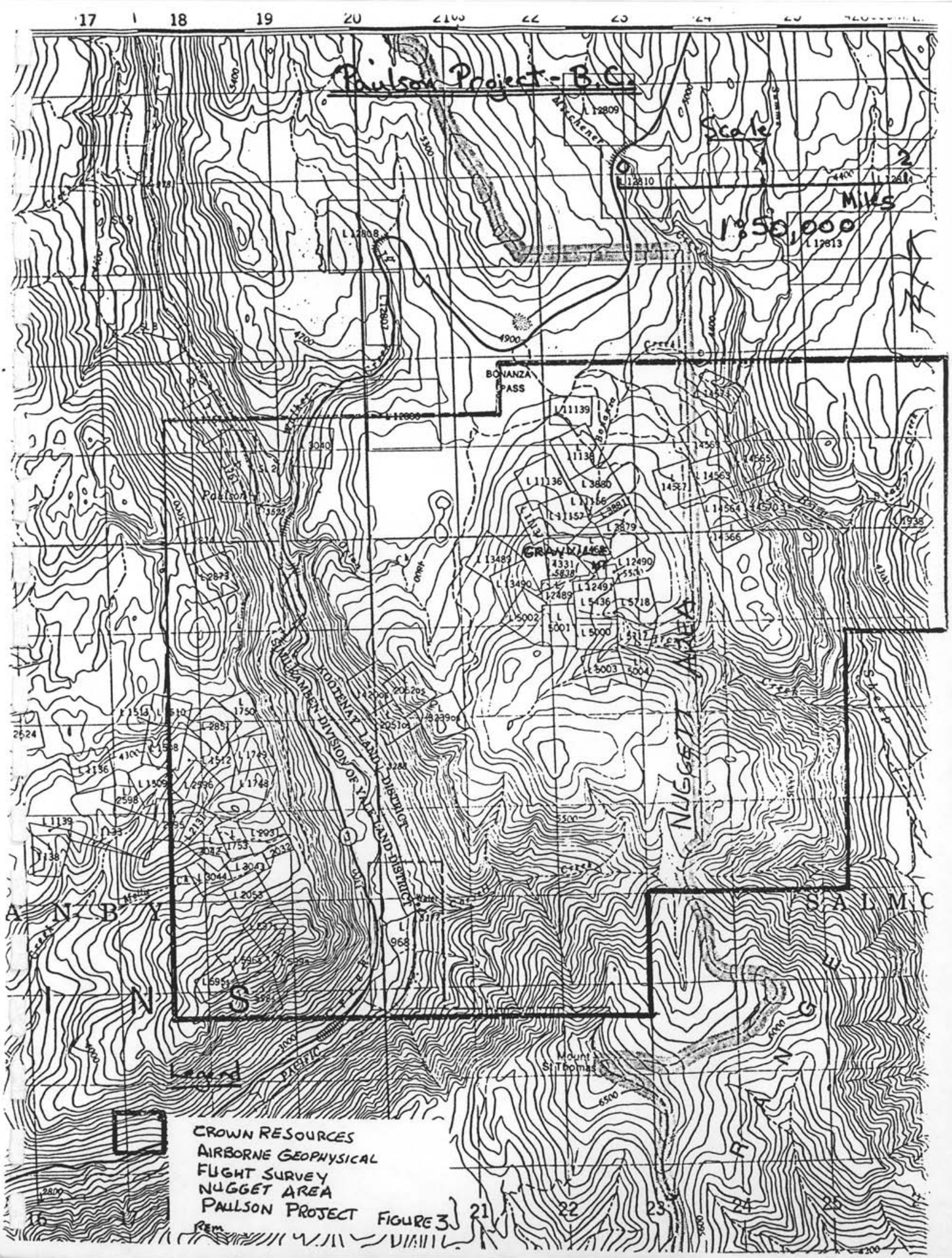

Paulson Project - B.C.
Scale
2 Miles
1" = 50,000'
BONANZA PASS
GRANDVIEW MT.
NUGGET
KOOTENAY LAND DISTRICT
SIMILKAMEEN DIVISION OF YALE LAND DISTRICT
Mount St. Thomas
PACIFIC
CROWN RESOURCES
AIRBORNE GEOPHYSICAL
FLIGHT SURVEY
NUGGET AREA
PAULSON PROJECT

FIGURE 3

1.4 HISTORY

Most of the previous mineral work, near or within the Nugget Claim Group, has been associated with the Burnt Basin and Inland Empire mining camps of which Paulson was the jumping off point along the old railroad. (Figure #4)

Historical mining efforts in the Burnt Basin Camp started in the late 1890's centering around; lead, zinc, silver, copper "replacement bodies" in the cetnral portion of the camp along with gold mineralization at the Molly Gibson and Motherlode claims south and northwest of the central base metal showings.

Base metal production in the camp has been sporadic and no production records are readily apparnet until 1948 when the Minister of Mines report states that 14 tons of base metal ores were shipped from the Halifax claim to the smelter at Trail.

Direct shipments of mine run ore, mainly from the Eva Bell and Halifax claims were made from 1972-1977. Lack of concentration facilities on site to up-grade the mine run ore resulted in marginal economics and production ceased. The following table summaraizes the recent base metal data, exploration efforts, and production history at Burnt Basin.

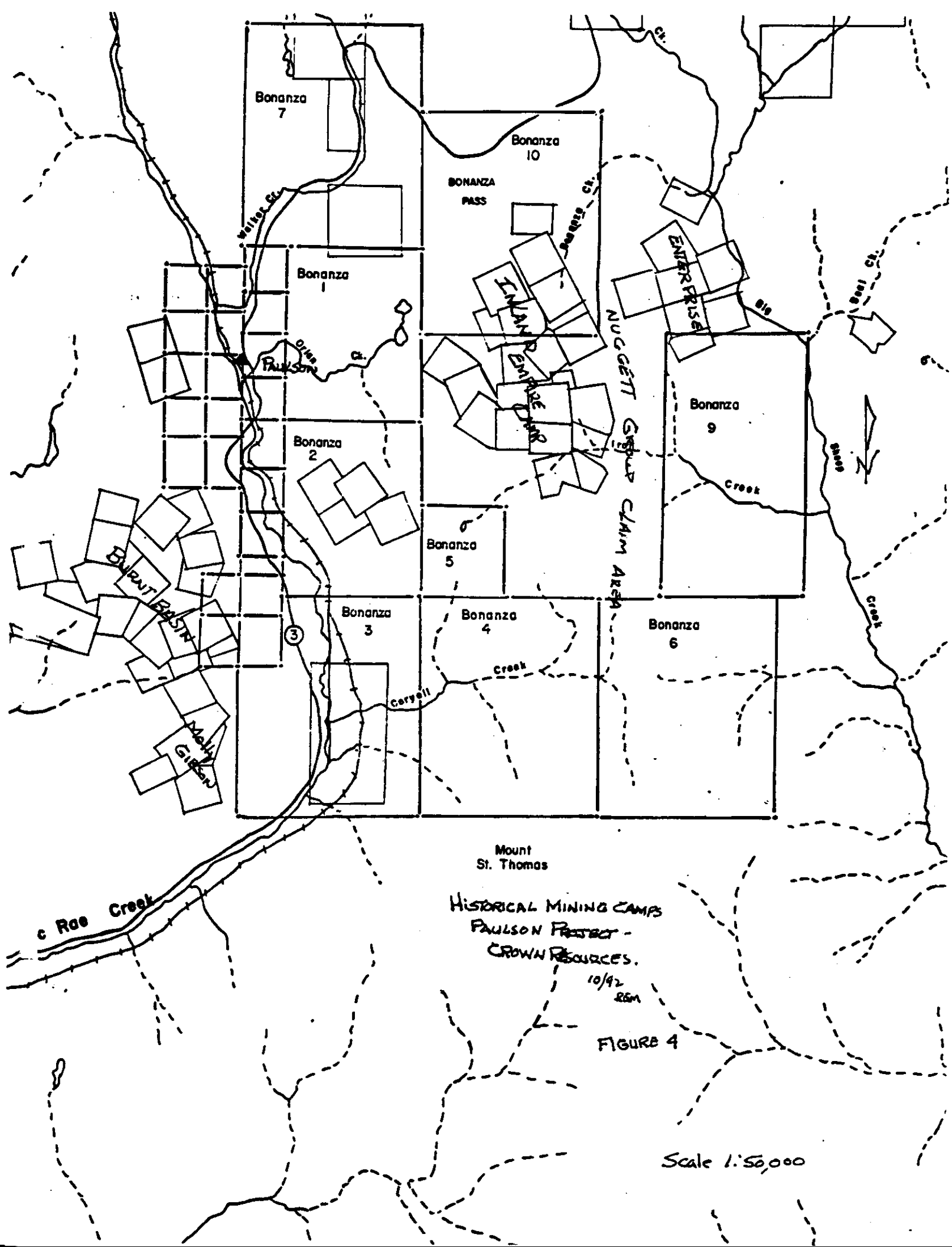

Bonanza 7
Bonanza 10
BONANZA PASS
Walker Gl.
Bonanza 1
Olive Paulson Gl.
Bonanza 2
Bonanza 5
Bonanza 3
Bonanza 4
Bonanza 6
Bonanza 9
INLAND EMPIRE CLAIM
NUGGETT GROUP CLAIM AREA
ENTERPRISE
Big
Coal Cl.
Sheep Creek
Creek
Coryell
Creek
Mount St. Thomas
Rae Creek
Historical Mining Camps
Paulson Project -
Crown Resources.
10/92
RSM
FIGURE 4
Scale 1:50,000

TABLE I

1927	Minister of Mines Report; per ton Silver 10.8 oz: Lead 17.8%; Zinc 20.5%.
1948	Minister of Mines Report: 14 tons shipped; Silver 10.5 oz; Lead 18.1%; Zinc 18.3%, per ton.
1965	Christina Lake Mines - geological, geochemical and magnetometer surveys were completed. Some diamond drilling - data not available.
1968	Dalex Mines - an induced ploarization survey, considerable stripping and trenching on Burnt Basin and Ajax claims. Geochemical survey, trenching and stripping and seven drill holes totalling 2,142 feet.
1972-75	Donna Mines, reports by E.O. Chisholm and H.H.Shear, line cutting and magnetometer surveys on the Eva Bell and Halifax, and five short diamond drill holes on the Eva Bell, cat trenching and percussion drilling. Shipped a total of 1,488 tons to Trail, H.B. Mines, Re=Mac Mines and Kam-Kotia.
1975-76	Alviija Mines Ltd - produced 1,750 tons from the Eva Bell claim and shipped 535 tons yielding 3.1 oz. Ag/ton, 4.45% Pb, 6.75% Zn with 21.5% magnetite to the H.B. Mine at Salmo.
1977	Paulson Mines Ltd. completed 1,500 feet of diamond drilling on the Halifax claim and published intercepts of up to 6" grading 12.4 oz. Ag/ton. 19.7% Lead and 14.9% Zinc. (note: Details not available)
1978	Oliver Resources completed a vector Pulse E.M. Survey, I.P. Survey with about 10 km completed. Granges Exploration Ltd. completed 291 m of diamond drilling on the Eva Bell and BP No. 2 (adjoins Eva Bell to the east).
1986-87	West Rim Resources carried out extensive soil geochemical surveys in the Halifax-Eva Bell area.

The following Table II summarizes the gold exploration and production history at Burnt Basin.

TABLE II

1909 - 1933	Shafts, tunnels and trenches on the Molly Gibson Group produced 260 tons containing 285 oz. gold and 119 oz. silver.
1909 - 1936	Molly Gibson Group an up-dated production total of 316 tons yielding 332 oz. gold.
1986 - 1987	West Rim Resources completed 420 meters of diamond drilling at the Motherlode prospect.
1988	John Worthing - Salt Lake City, Utah drilled at least 4 core holes on the Molly Gibson. (data unavailable)
1991	Orvana completed small geochemical grid on Molly Gibson.

Other gold claims in the Burnt Basin camp include the Kittie, Aldeen, Contact, Tammany and Tunnel group. Historically, production in the Inland Empire camp, east of Paulson near Granville Mountain has been from small scale shafts, tunnels and open cuts which have produced limited tonnages of gold and silver ore. The following table lists some of the more pertinent data by claim.

TABLE III

INLAND EMPIRE GROUP:
Albion Claim

1950	shipped 25 tons containing 8 oz. gold and 38 oz. silver.
1962	shipped 152 tons containing 16 oz. gold, 147 oz. silver, 309 lbs. lead, and 309 lbs. zinc.
1964	shipped 25 tons containing 70 oz. gold, 23 oz. silver, 50 lbs. lead, and 50 lbs. zinc.

Alice L./Berlin Claims

1917 59 tons valued @ $90-100 in gold and silver.

1918 142 tons assaying 3.0 oz/ton gold, 15.0 oz/ton silver, and 0.6% copper.

1919 65 tons containing 26 oz. gold, 83 oz. of silver and 117 lbs. copper.

1938 541 tons shipped containing 121 oz. gold, 1,142 oz. silver.

1939 467 tons yielding 80 oz. of gold and 145 oz. silver.

Inland (Inland Empire) Claim

1912 2.200 tons milled. 43 tons shipped.

Minor production has been reported form the Cascade - bonanza and Nugget claims on the south east side of the camp ;and in addition, the Enterprise group (Nugget 14) to the north east of Inland Empire also has recorded shipments, probably totalling less than 50 tons.

Recent efforts in the Nugget Claim Group area had centered around the gold bearing quartz veins until Prominent Resources Corp's more comprehensive exploration in 1985 which focused on the viability of gold targets adjacent to the traditional camp, as well as trying to evaluate the quartz vein targets within the intrusive.

2.0 GENERAL GEOLOGY

2.1 REGIONAL GEOLOGY

Carboniferous or older rocks, possibly equivalent in part to the Pennsylvanian-Permian Mt. Roberta Formation and Lower Jurassic Elise Formation of the Rossland Group, have been intruded by Late Jurassic Early Cretaceous Nelson and Middle Eocene Coryell plutonic rocks. (FIgure #5a & 5B).

Mt. Roberts Formation rocks form an elongate east west roof pendant in the central part of the project area. The pendant consists mainly of limestone, argillaceous limestone, chert, slate, pebble conglomerate and andesitic volcanics. Rocks within the pendant strike roughly north west 320° to 340° dipping 40° to 85° east and are cross cut by north trending shear zones.

Limestone and argillites are generally light gray to black in color and relatively unaltered except where skarned. Volcanic rocks are typically dark green and "intrusive dykes and sills" are typically light colored.

Rocks equivalent? to the Rossland Group, consisting of flow breccias, volcanic breccias, andesites, basalts, agglomerates, tuffs, black laminated siltstones, and augite porphyry, outcrop throughout the property.

Biotite hornblendegranodiorite of the Late Jurassic - Early Cretaceous Nelson intrusives cut both the Rossland Group and the Mt. Roberts Formation.


Ema
Ec
JKg
mJg
Pgfg
Pgfs
Pgfa
CPas
CPap
Esb
Eyl
Ek
En
Pap
NUGGET AREA

FIG. 5a

FIG. 5b

LEGEND

CENOZOIC

QUATERNARY

PLEISTOCENE

QPl — *JAMBLY CREEK BASALT: rusty weathering black basalt, with hornblende, biotite and pyroxene phenocrysts to 5 mm in an aphanitic black matrix; occurs as columnar jointed flows; a few metres thick above Mesozoic strata; K-Ar age of 0.762 Ma determined by Church (1981)*

TERTIARY

MIOCENE

Tv — *PLATEAU BASALT: andesite and basalt with augite and hornblende phenocrysts to 5 mm in a black aphanitic matrix; forms massive flows to 20 m thick, locally underlain by poorly sorted boulder conglomerate and pebbly sandstone; K-Ar cooling ages of 2.9 and 14.9 Ma; includes Dawes Creek Basalt (14.9 Ma) and Carrot Mountain alkali basalt (11.8 Ma)*

EOCENE

Eor — *OLALLA RHYOLITE: rhyolite breccia, massive obsidian and related dykes*

Ema — MARRON GROUP
Undifferentiated andesite, dacite and trachyte of the Marron Group; may include minor epiclastic rocks equivalent to Ewl and Esb.

Es — *SKAHA FORMATION: brecciated greenstone (Old Tom Formation), brecciated chert (Shoemaker Formation, Es1), and brecciated granite (Oliver Granite, Es2) resting as fault slices hundreds of metres across, above the White Lake Formation on gently dipping faults; includes undifferentiated polymictic conglomerate and breccia resting unconformably on these brecciated rocks; near Rock Creek includes heterogeneous epiclastic breccia (Klondike Mountain Formation)*

Ewl — *WHITE LAKE FORMATION: massive to thick bedded volcanic breccia and pyroclastic rocks with clasts of Trapanier Rhyolite and Kitley Lake and Yellow Lake formations; includes interbedded medium and thin beds of green sandstone and clayey siltstone; minor carbonaceous seams; includes minor trachyte and andesite; Paleomorpins from Powers Creek indicate a Middle Eocene or older age*

Em — *MARAMA FORMATION: medium brownish grey, flow banded dacite with subhedral plagioclase, hornblende and biotite phenocrysts to 5 mm in an aphanitic ground; forms the top of Black Knight Mountain, Mount Boucherie, Aeneas Butte, Mount Law*

En — *MARAMA FORMATION-NIMPH LAKE MEMBER: recessive, reddish weathering, amygdaloidal, trachyandesite with minor intercalated pyroclastic deposits; includes undifferentiated intrusive equivalents*

Ek — *KITLEY LAKE FORMATION: massive, yellowish to buff, trachyte to trachyandesite, plagioclase and biotite glomerophenocrysts to 3 cm (10 % of the rock) in a finely crystalline groundmass; includes ash flow tuff and minor mudstone; includes undifferentiated intrusive equivalents; Church determined K-Ar ages between 52.9 (biotite) and 44.2 Ma (whole-rocks)*

Eyl — *YELLOW LAKE FORMATION: massive to thick, tabular flows of buff to light tan pyroxene-rich, mafic phonolite locally with rhomb anorthoclase phenocrysts and primary analcite; abundant zeolite fills cracks and amygdules; includes undifferentiated intrusive equivalents*

Etr — *TREPANIER RHYOLITE: white and locally pink, greenish or light grey, flow banded rhyolite with subhedral quartz, hornblende and biotite phenocrysts to 3 mm in an aphanitic matrix; K-Ar ages of 47.7 and 46 ± 2 Ma were determined by Church (1981) west of Trapanier*

Esb — *SPRINGBROOK FORMATION: poorly sorted, massive to thick bedded, immature, coarse boulder and pebble conglomerate. Clasts to 50 cm are rounded but of low sphericity and are locally derived (Silent greenstone, granite, and other pre-Eocene rocks with fewer Marron Group clasts, mainly Yellow Lake and Kitley formations). Near Rock Creek it is unit consists of white to light grey, medium bedded, feldspathic sandstone, siltstone and shale with coaly partings, named the Keppe River Formation*

Ec — *CORYELL SYENITE: alkalic to calc-alkalic, high level, pink and buff syenite and quartz monzonite and trachyte, pink, feldspar porphyry dykes; plutonic equivalent of the Marron Group especially the Kitley Lake Formation; gradational to quartz syenite and to Shingle Creek Porphyry; probably includes JKg undifferentiated in East half of map area; poorly dated*

SHINGLE CREEK PORPHYRY: massive, buff and pink, fine grained porphyritic granite and felsite with subedral phenocrysts of K-feldspar to 10 cm across; occurs as dykes under, and feeders to, the volcanic rocks of the Marron Group, especially the Kitley Lake Formation; a shallow level equivalent of the Coryell Syenite; includes mamb porphyries and related rocks

Egn — *"OKANAGAN GNEISS": massive, medium grey weathering, resistant hornblende-biotite granodiorite orthogneiss, strongly foliated, grades to mylonitic gneiss, mylonite and blastomylonite; minor amphibolite and paragneiss; minor schist; minor pegmatite and aplite; strongly chloritized along Okanagan Fault, grades eastward (and up the structural succession) to JKg, mug and Pm units of which it is presumed as to the sheared equivalent, probably also includes sheared equivalents of the Anarchist Group; presumed sheared and thermally overprinted during the Eocene; Egn1- quartz chlorite microbreccia and related altered rocks close to the Okanagan Fault*

Egng — *Massive, light grey weathering, biotite granite gneiss and granodiorite gneiss with pegmatite veins and sills*

Eg — *Hornblende granodiorite, massive, resistant, grey weathering, coarse grained, equigranular mesocratic with subedral fresh black hornblende crystals, locally weakly foliated; age poorly constrained*

CRETACEOUS AND OR JURASSIC

JKg — *OKANAGAN BATHOLITH: massive, light grey weathering, medium- to coarse-grained equigranular to porphyritic, unfoliated to weakly foliated, fresh biotite granodiorite and granite; includes undifferentiated granodiorite of the Nelson suite; age poorly constrained*

Jo — *OLIVER PLUTON: massive, unfoliated, medium grained porphyritic biotite granite with weakly foliated equigranular hornblende granodiorite along the southern border; includes Jod, biotite-hornblende diorite agmatite and Jog, massive garnet-muscovite granite, age poorly constrained*

Jod — *OSOYOOS GRANODIORITE: recessive, pasty greenish, hornblende granodiorite, pervasively saussuritized, chloritized, sheared and fractured, age unknown*

MESOZOIC

MIDDLE JURASSIC

Jog — *NELSON PLUTONIC ROCKS: massive, generally moderately foliated, medium grey weathering, medium- to coarse-grained, equigranular, hornblende-biotite granodiorite, quartz diorite and granite; includes undifferentiated biotite granite of the Valhalla suite; age poorly constrained*

Jul — *OLALLA PYROXENITE: black, fresh, massive, medium- to coarse-grained pyroxenite, hornblendite, lamprophyre and peridotite*

Jkd — *KRUGER SYENITE: massive, medium grained, biotite hornblende granodiorite with emergent zone of megacrystic, mesocratic coarse grained hornblende syenite*

MESOZOIC

UPPER TRIASSIC AND/OR LOWER JURASSIC

ROSSLAND AND NICOLA GROUPS

uTrv — *Massive greenstone, andesite, lava, agglomerate and volcanic breccia of greenstone fragments locally with limestone clasts; minor greywacke; minor interbedded limestone; includes lenses of silicified equivalents; may include undifferentiated Lower Jurassic volcanics of similar lithology*

uTrss — *Rusty weathering, black pyritic slate, phyllite and argillite, locally silicified or "cherty"; minor quartzite; minor interbedded argillaceous limestone; includes undifferentiated greenstone lenses*

PALEOZOIC TO MESOZOIC

ORDOVICIAN TO UPPER TRIASSIC

uTrot — *OLD TOM FORMATION: massive andesitic greenstone and greenstone breccia; locally includes large, extensive, strongly silicified equivalents in irregular bodies and lenses with gradational boundaries which are undifferentiated; includes a few small lenses of undifferentiated limestone; minor dacite unit is poorly understood; known to contain Ordovician, Carboniferous and Triassic fossils; undifferentiated relations to Shoemaker Formation are gradational*

uTrs — *SHOEMAKER FORMATION: massive, greyish green silicified volcanic rocks, including "cherty" tuff and breccia; includes undifferentiated massive greenstone; may include chert, generally fractured and broken by irregular spaced cleavage; may be largely the silicified equivalent of the Old Tom Formation*

INDEPENDENCE FORMATION: massive greenstone- volcanic breccia with greenstone fragments; includes large undifferentiated silicified lenses; includes lenses of undifferentiated limestone; resembles the Old Tom and Shoemaker formations

MESOZOIC

MIDDLE AND LOWER TRIASSIC (?)

Trbe — *BROOKLYN LIMESTONE AND "SHARPSTONE CONGLOMERATE": white weathering, thick bedded, light grey limestone commonly with rounded to angular clastsof "chert" grains; minor greenish siltstone and massive resistant, breccia with angular, roughly equant, clasts to 10 cm across of "chert" and greenstone and locally limestone in a matrix of coarse sand and grit of the same material; grades to "chert" sandstone and "chert" grit by decrease in grain size; minor green and black argillite, partly a fine grained tuff; grades and matrix strongly silicified "chert" and andesitic greenstone fragments derived mainly from the Knob Hill Group; limestone mostly from the Brooklyn Formation and locally from the Attwood Group; limestone contains Middle Triassic fossils*

PALEOZOIC

CARBONIFEROUS OR PERMIAN

CPk — KNOB HILL GROUP: *massive "chert" (largely silicified greenstone), greenstone and amphibolites; minor limestone or marble; minor "sharpstone"; age unknown*

CPat — ATTWOOD GROUP: *light grey limestone with minor interbedded chert; contains Carboniferous fossils*

CARBONIFEROUS

Cbc — *BLIND CREEK FORMATION: medium bedded grey limestone and calcareous argillite; lacks penetrative fabrics; low greenschist facies metamorphism*

Cb — *BARSLOW FORMATION: thin bedded, brown, silty slate and argillaceous siltstone; lacks penetrative fabrics; low greenschist facies metamorphism*

CARBONIFEROUS OR OLDER

CPs — *ANARCHIST GROUP: dark grey weathering, recessive, amphibolite greenstone, quartz-chlorite schist, quartz-biotite schist, minor serpentinized peridotite; "chert" breccia that resembles Trbe, is locally included; CPgn- paragneiss and serpentinized equivalents; CPao amphibolite; age unknown*

CPko — KOBAU GROUP: *undivided amphibolite, greenschist, quartzite, mica schist, greenstone; minor marble; strongly foliated with penetrative ductile fabrics; age unknown*

ORDOVICIAN (?) TO DEVONIAN (?)

ODs — *Schist, thin bedded argillaceous limestone, slate and limestone; includes metamorphosed equivalents mostly biotite-diopside-quartz skarn and marble; age unknown*

PROTEROZOIC AND PALEOZOIC

PROTEROZOIC (?) AND PALEOZOIC (?)

GRAND FORKS GNEISS

Pgtm — *Mylonitic biotite leucogranodiorite. Prelo unit X*

Pgfo — *Medium crystalline, well foliated biotite hornblende granodiorite orthogneiss. Prelo unit IX*

Pgfa — *Amphibolite, amphibolitic gneiss, minor marble. Prelo unit IV*

Coarsely crystalline garnet-biotite schist, interfoliated quartzite, minor marble, abundant pegmatite and leucogneiss. Prelo unit III

Coarsely crystalline, thick layered quartzite, minor marble and pegmatite. Prelo unit II

Pgfg — *Sillimanite-biotite-quartz paragneiss, amphibolite and amphibolitic gneiss, marble, biotite schist and gneiss, garnet-biotite-quartz schist, micaceous quartzite, includes minor leuco-orthogneiss. Prelo unit I*

Pm — *MONASHEE GNEISS: grey, massive, biotite granodiorite gneiss, gradational westward with Pgn, but not overprinted by the Eocene event that affected the rocks nearer the Okanagan Fault; may be equivalent or related to Pgt, may include equivalents of ODs; age unknown*

Outcrop boundary

Probable stratigraphic contact, location approximate

Geological contact, relations unknown, possibly faulted

Strike and dip of bedding

Strike and dip of foliation

Trend and plunge of lineation and major folds

Inferred fault, age and displacement unknown

Inferred normal fault, age unknown, circle on downthrown side

Inferred Eocene normal fault, circle on downthrown side

Slide- inferred fault in metamorphosed rocks, roughly parallel to foliation

Recommended citation:

Tempelman-Kluit, D.J.

1988: Geology, Penticton, British Columbia, Geological Survey of Canada, Map 1736A, scale 1:250 000

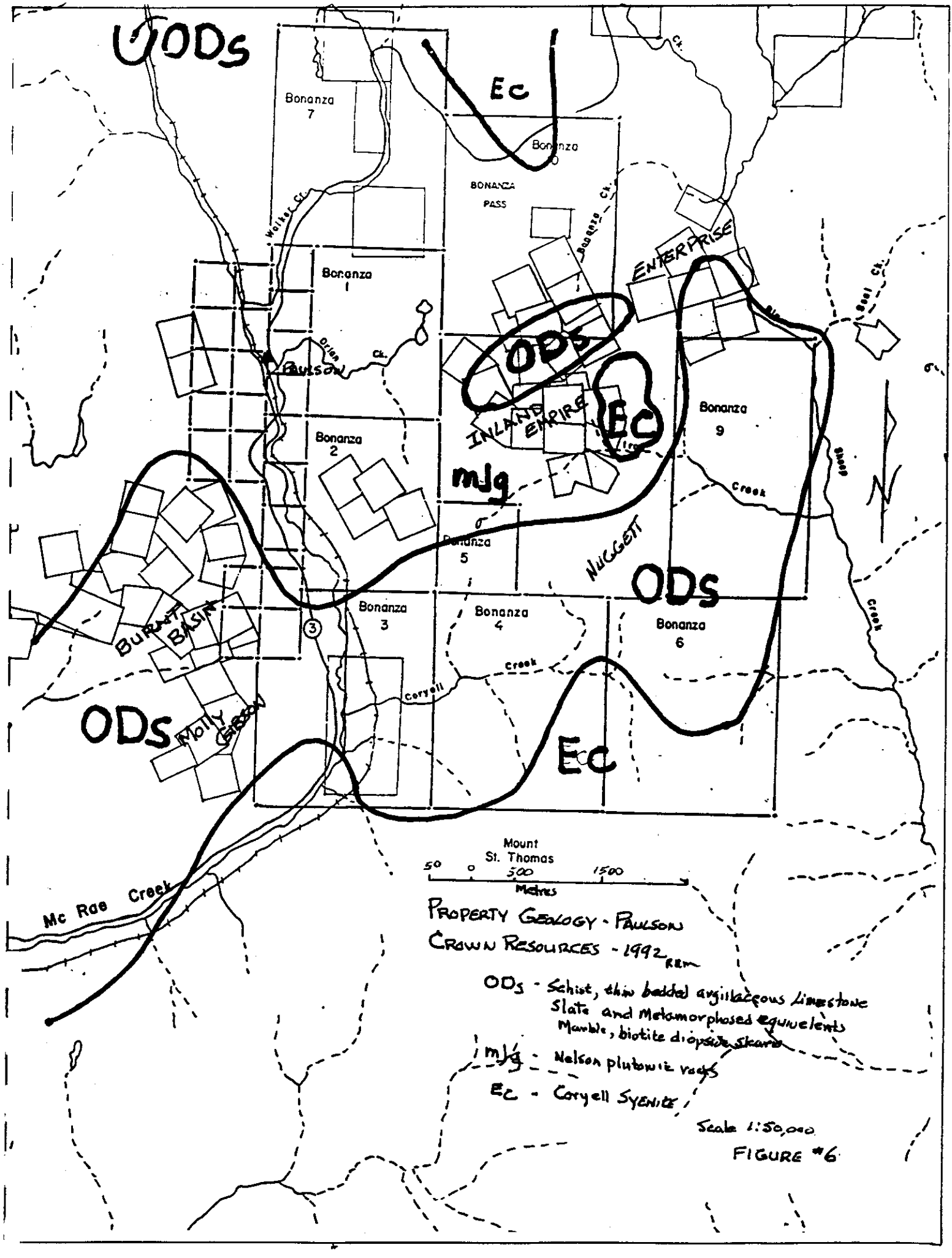
Nelson intrusive rocks have been subsequently intruded by Middle Eocene Coryell, corase grained syenite, and quartz monzonite. Granites and monzonites of Coryell age are also common along with numerous hypabyssal prophyritic phases.

2.2 GENERAL GOLD MINERALIZATION

Gold bearing fissure quartz veins have been found on the Burnt Basin side at the Motherlode, Kittie, Aldeen, Tammany and Tunnel group claims. Reported gold values have ranged from a trace to 22 grams per ton.

Most of the Burnt Basin (Figure #6) gold production has come from sulfide rich calc-silicate skarn bodies in a silicious limestone unit at the Molly Gibson group claims. Sulfides include pyrrhotite, pyrite and chalcopyrite. Magnetite is also present in the skarn aureole, but is usually a minor constituent except in the base metal "replacement" ore bodies where it forms bands of massive magnetite up to 2.0 meters thick.

East of Paulson the gold mineralization at the Inland Empire camp is related to north trending quartz veins cutting quartz monzonite and related intrusive bodies. These veins are usually: polymetallic, strike within 10 degrees of north, dip steeply, faulted, and discontinuous along strike.

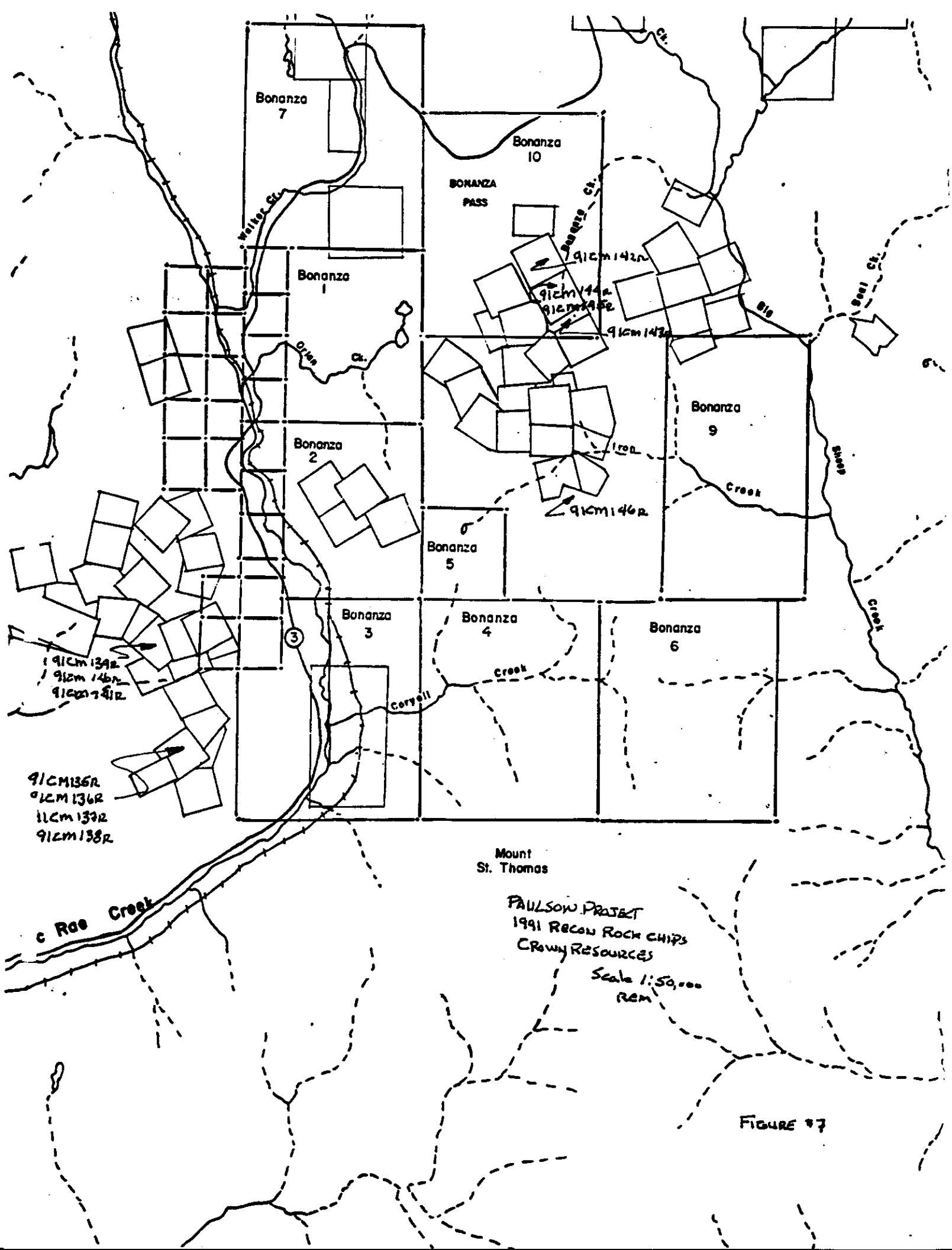

ODs
Ec
Bonanza 7
Bonanza 8
BONANZA PASS
Walker Cr.
Bonanza 1
Paulson
Orion Cr.
ENTERPRISE
Bonanza 9
INLAND EMPIRE
mJg
Bonanza 2
Bonanza 5
NUGGETT
Bonanza 3
Bonanza 4
Bonanza 6
BURNT BASIN
Coryell
creek
MOLLY GIBSON
Mount St. Thomas
Mc Rae Creek
50 0 500 1500
Metres
PROPERTY GEOLOGY - PAULSON
CROWN RESOURCES - 1992 REM
ODs - Schist, thin bedded argillaceous limestone Slate and Metamorphosed equivelents Marble, biotite diopside skarn
mJg - Nelson plutonic rocks
Ec - Coryell Syenite
Scale 1:50,000
FIGURE #6

Alteration halos associataed with the veins tend to be narrow and either propylitic or argillic. Some quartz veins exhibit epithermal banding and/or mineralogy while others appear to have mesothermal characteristics. Sulfide pods and disseminations within the quartz vein or at its contactswith the wall rock, consist of all or one of the following: pyrite, arsenopyrite, chalcopyrite galena, pyrhotite, and sphalerite. Magnetite bearing quartz veins have been found within the Rossland? volcanics.

Skarn hosted mineralization that occurs at the south end of the claim group (Nugget) and at the Enterprise group (Nugget 14) to the north east, is predominantly base metal enriched. However, selective sampling of the skarn can produce economic gold assays. Skarnification evidenced in the limestone of the Mt. Roberts Formation and Rossland volcanic units, appears to be intensely telescoped. It is common to go from coarse marble to garnetite within a few meters along strike of the limy beds and from clacite epidote skarn to garnet magnetite skarn in less than one meter within the highly fractured volcanics.

2.3 1991 EXPLORATION PROGRAM

Following a literautre review in March-April 1991, area wide field work began in May with geologic orientation and rock chip sampling. Samples were collected from the Molly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Bonanza 10
BONANZA PASS
Walker Ck.
Bonanza 1
Bonanza 2
Bonanza 5
Bonanza 3
Bonanza 4
Bonanza 6
Bonanza 9
Orion Ck.
Iron Creek
Sheep Creek
Coryell Creek
Big Goat Ck.
91CM142R
91CM144R
91CM145R
91CM143R
91CM146R
91CM134R
91CM146R
91CM148R
91CM136R
91CM136R
91CM137R
91CM138R
Mount St. Thomas
Rae Creek
PAULSON PROJECT
1991 RECON ROCK CHIPS
CROWN RESOURCES
Scale 1:50,000
REM

FIGURE #7

Gibson and Eva Bell claims on the Burnt Basin side and the Inland, Washington, Saginaw FR, and Amazon claims of Granville Mtn. (Figure #7) on the Inland Empire side (See Orion Group Assessment Report).

Rock chip sampling, gridding, followed by wide spaced soil sampling was started on the Nugget claim group in July 1991.

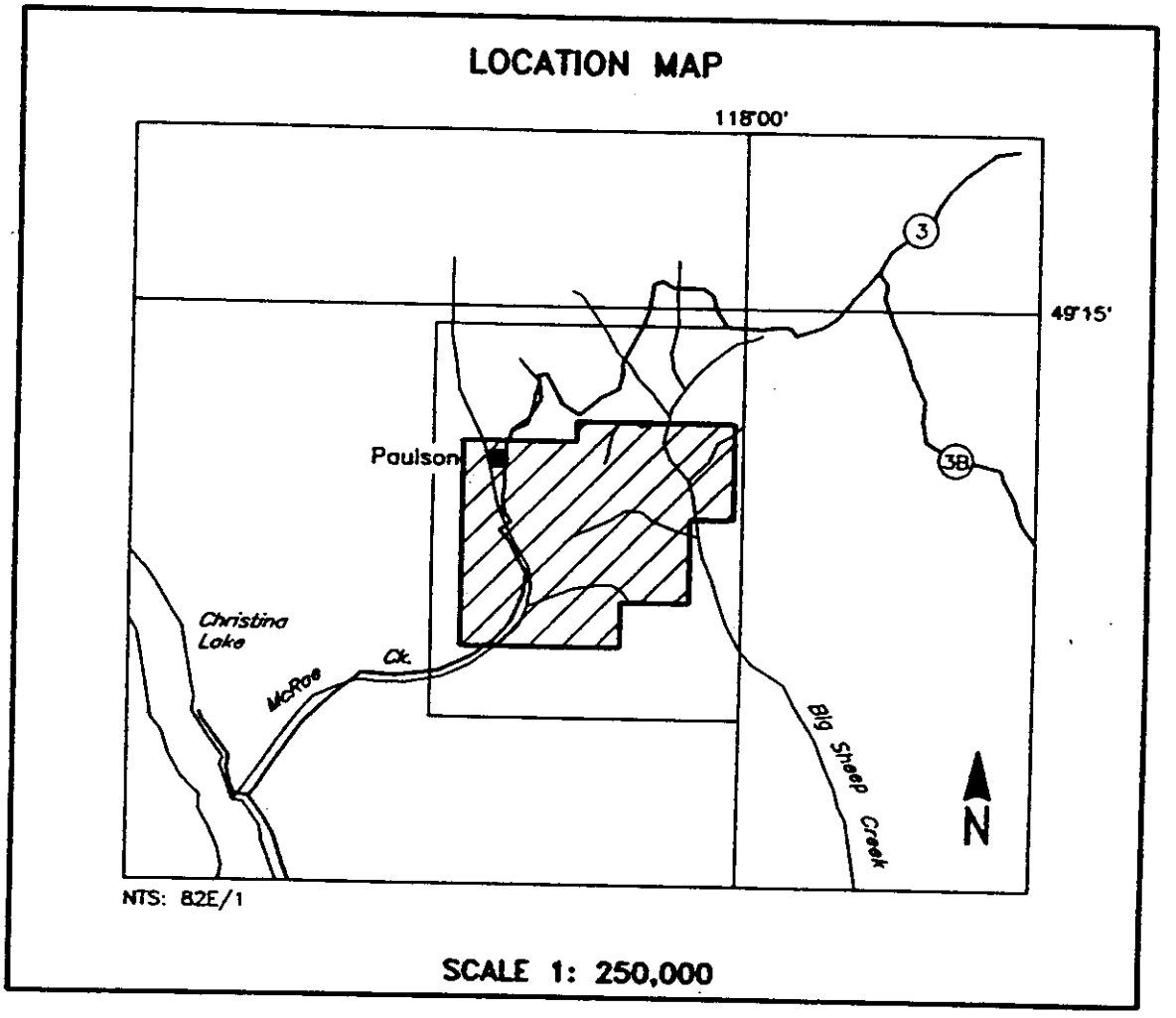
2.4 1992 EXPLORATION PROGRAM

Work consisted of; literature review, airborne geophysics, rock chip sampling, gridding, soil sampling, magnetometery, geology, and drilling.

2.4.1 AIRBORNE GEOPHYSICS

Dighem Surveys and Processing Inc. Mississauga, Ontario was contracted to conduct an airborne geophysical survey over Crown Resources Paulson Project in British Columbia which included the Nugget Claim Group. (Figure #8) This survey was carried out from May 5 to May 11, 1992 covering 288 line-km and has been reported on in Crown Resources Orion Group and Bonanza Group Assessment Reports 1992.

The survey, centered at approximately 49° 11′ North Latitude and 118° 4′ West Longitude, employed the Dighem electromagnetic system with support equipment consisting of: magnetometer, radar alitmeter, video camera, analog and digital recorders, a V.L.F. receiver, and an electronic



PAULSON PROJECT
FIGURE #8

navigation system. Data developed from the airborne system, provided electromagnetic, resistivity, magnetic and V.L.F. coverage of the Paulson survey block, which includes the Nugget claim group.

2.4.2. GROUND GEOPHYSICS-MAGNETOMETRY

Total field intensity magnetic readings were obtained with a Geometrics Proton Magnetometer Model Number G-846, in the hand held position, at each station on the Nugget Grid. Stations are located every 50 meters along east-west lines that are 100 meters apart and 11.0 meters were surveyed.

Locallized magnetic highs in the southern and south-eastern part of the Nugget Claim Group grid, as well as a very small magnetic high, located by reconnaissance, in the Nugget 14 Claim Block appear to correlate well with magnetite and/or pyrrhotite associated with skarnification of thinly bedded impure linestones.

More extensive magnetic anomalies of moderately elevated values appear to be related to sulfide bearing, siliceous high level intrusives? and/or volcanics.

Other magnetic features include: magnetite in small discontinuous quartz veins, disseminated magneitie in greenstone, accessory minerals in some intrusives, and minor amounts of magnetite with lead zinc replacement pods

near limestone-intrusive contacts.(Map Appendix E)

2.4.3 GEOCHEMISTRY

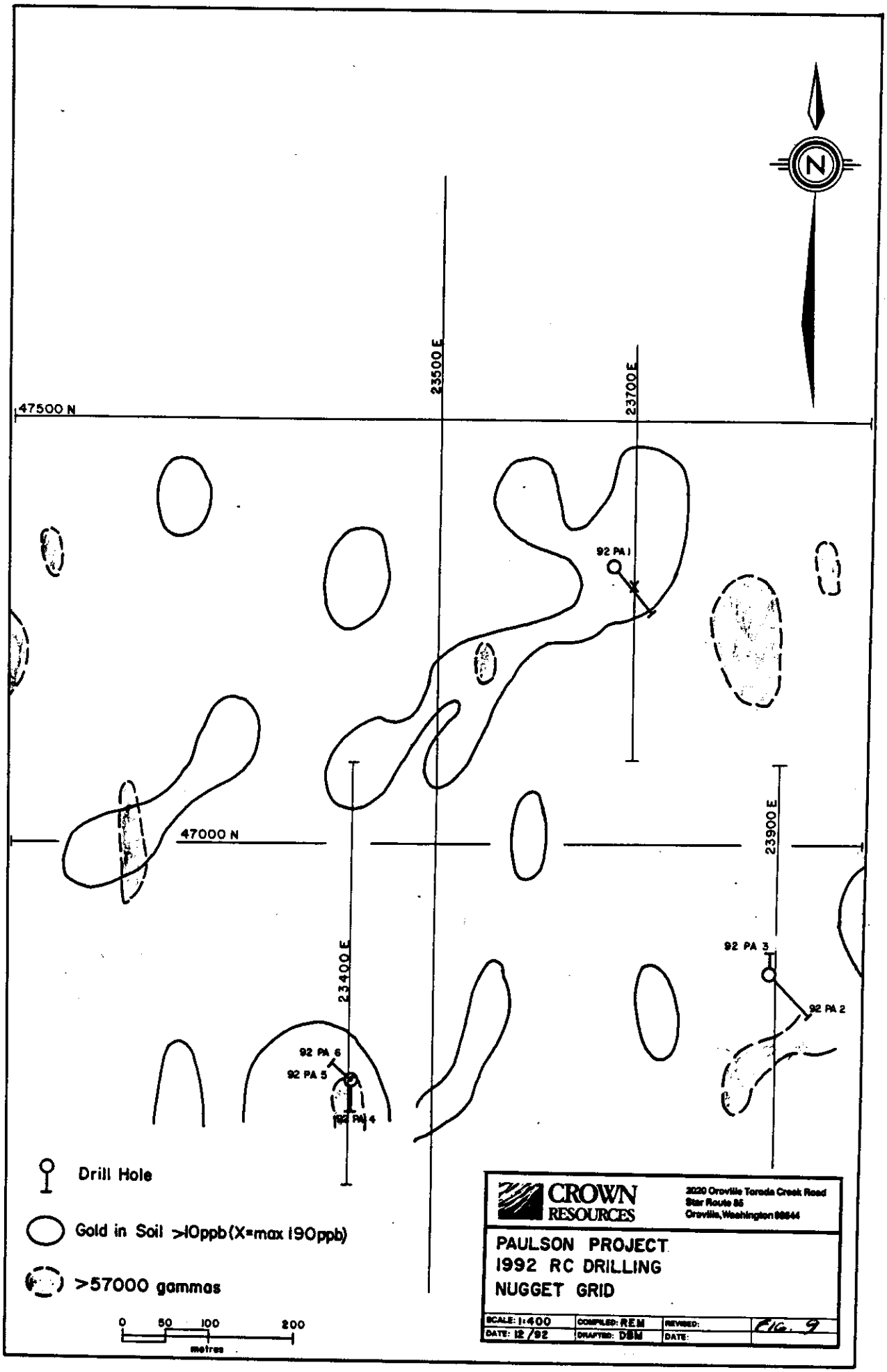
Two hunderd and twenty seven (227) soil samples were collected along the Nugget claim group grid. In addition, site specific samples were collected from the Nugget 14 claim.

The gold in soil values were relatively low with a high of 195 ppb and small somewhat discontinuous areas of detectable gold in soils that fall within the 10 ppm contour.(Assays Appendix D)

Initially rock chip sampling was encouraging, producing gold assays of economic interest from select quartz veins, shears, and skarnification. Gold assays of interest from quartz veins, were generally reproducable, while values obtained from pyritic shears and/or skarned rocks tended not to be reproducable. Upon examination of the problem of reproducability, it appears that wispy thin quartz veins in the skarned and sheared rocks may be associated with the sporadic high gold values.(Map Appendix F)

2.4.4 DRILLING

Six (6) reverse Circulation drill holes were located and completed on the 1992 Nugget grid to test anomolous gold


N
23500 E
23700 E
47500 N
92 PA 1
47000 N
23900 E
23400 E
92 PA 3
92 PA 2
92 PA 6
92 PA 5
92 PA 4
Drill Hole
Gold in Soil >10ppb (X=max 190ppb)
>57000 gammas
0 50 100 200
metres
CROWN RESOURCES
2020 Oroville Tonasket Creek Road
Star Route 85
Oroville, Washington 98844
PAULSON PROJECT
1992 RC DRILLING
NUGGET GRID
SCALE: 1:400
COMPILED: REM
REVISED:
Fig. 9
DATE: 12/92
DRAFTED: DBM
DATE:

related geologic parameters outlined during the 1992 field season.(Figure #9) Pertinent drill hole data for the Nugget claim group is as follows:

Pad	Hole Number	Coordinates North	East	Angle	Direction	TD ft.
#1	92PA#1	47320	23700	-45	S45 E	330
#2	92PA#2	46840	23890	-45	S45 E	240
	92PA#3	46940	23890	-45	S0.0 E	170
#3	92PA#4	46715	23400	-45	S0.0 E	130
	92PA#5	46715	23400	-90	vertical	60
	92PA#6	46715	23400	-45	N45 W	150
					Total Footage	1080
					Total Meters	329.18

Drill hole 92 PA#1 was drilled to test an area of anomalous gold in soils and rock chip samples, that were projected to occur at the contact between biotite porphyry and metasediments? at depth. The drill hole successfully intersected the contact at approximately 72 feet (22.0 meters) and the suldfide bearing carbonaceous limestone carried weakly anomalous gold values over 20 feet (6.1 meters) from 80 to 100 feet (24.4 to 30.5 meters). This weakly anomalous intersection correlates well with the 190 ppb Au in soil anomaly located above the downhole gold anomaly, suggesting that the biotite porphyry-limestone contact is weakly anomalous in gold from surface to possibly 50 feet (15.3 meters). Wispy quartz veins are evident in surface rocks and rock chip samples in the area of 92 PA#1 have been assayed up to 0.10 opt suggesting that

additional drilling along the contact could intersect auriferous quartz veining in this zone producing high grade intercepts.

Arsenic is weakly anomalous from 80 to 100 feet (24.4 to 30.5 meters) coorelating with the weakly anomolous gold value. At the top of the hole elevated Arsenic assays are not associated with elevated gold.
Skarnification, with no gold values, increases with depth.

Arsenic was associated with gold values obtained from rock chips on nearby prospect pits.

92PA#2 collared in biotite, hornblende syenite and drilled to the south-east to test a magnetic anomaly associated with a magnetic pyrrotite, garnet, epidote skarn that had assayed 0.18 opt gold from an epidote, calcite, skarnified limestone that contained minor magentite and sulfides along with sparser quartz. The drill hole successfully intersected sulfide bearing skarned limestone between 75 and 80 feet (22.9 and 24.4 meters) and re-entered an intrusive at 100 feet (30.5 meters). although the skarned section was well mineralized it contained no anomalous gold values and only a very weak arsenic association from 85 to 95 feet (25.9 to 28.9 meters) A low order gold anomaly of 30 ppb was noted at the biotite-hornblende (green) syenite contact with calc silicate skarn at 135 to 140 feet (41.1 to 42.7 meters).

92PA#3 was drilled from Pad #2 due north to intersect the intrusive volcanic contactobserved during gridding, some 25 meters north of the drill pad. No anomalous gold vaules were found in the hole.

West and south of Pad #2, three drill holes: 92PA#4, 5, and 6 were drilled from pad #3 to test a gold in soil anomaly and associated ground magnetic high. While building the drill pad volcanic rocks were uncovered but apparently represent only a thin veneer of favourable host rock as all three drill holes intersected syenite. No anomalous gold values or conventional host rocks were intersected in the drill holes.(Map Appendix G, and Logs Appendix H)

2.5 Conculsion

Favourable gold related surface: geology, geochemistry, and\or geophysics were successfully projected to depth and drilled. Although potential host rocks were intersected in the drill holes east of the baseline no economic gold values were found. It would appear that a possible explaination for the sporadic encouraging surface gold assays is their probable relatioship to the gold enriched north-south striking quartz bearing stuctures common to the area rather than the gold bearing skarn deposit sought.

2.6 Recommendation

Expand the rock chip sampling program to the east and north from 92PA#1 to include the weakly skarned volcanics as well as the limestone units along the intrusive contact.
In addition Nugget #14 needs additional prospecting to evaluate the gold potential of the base metal enriched skarn away from the known prospect pits.
additionlly the airborne flight data should be reviewed for subtle anomolies which in turn would require field checking.

Respectfully submitted

R.E. Miller

APPENDIX A

COST ESTIMATES

STATEMENT OF EXPENDITURES

PERSONNEL	
PROJECT GEOLOGIST-	
24 DAYS @ $300.00 PER DAY	7,200.00
GEOTECHNICIANS-(2)	
15 DAYS @ $240.00 PER DAY	3,600.00
CONTRACTORS-	
COAST MTN GEOLOGIC LTD	4,000.00
DRILLING	
1080 FEET @ $15.00 PER FOOT	16,200.00
SITE PREPARATION	600.00
EQUIPMENT OPERATOR	1,500.00
EQUIPMENT RENTAL	2.500.00
RECLAIMATION	1,000.00
ASSAYS	
SOILS 227 @ 9.00 EA	2,043.00
DRILL CUTTINGS 216 @12.00 EA	2,592.00
MISCELLANEOUS	
SHIPPING	1,100.00
SUPPLIES	700.00
VEHICLE 32 DAYS @ $65.00 PER DAY	2,080.00
SUBTOTAL	45,115.00
REPORT AND DRAFTING	600.00
TOTAL	45.715.00

APPENDIX B

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I ROBERT E. MILLER, of Oroville, Washington U.S.A., DO HEREBY CERTIFY:

1. THAT I am a geologist with Crown Resources Corporation, with a business address of Star Route 85, Oroville, Washington 98844.
2. THAT I am a graduate from Brigham Young University with a Bachelor of Science degree in Geological Engineering (1969).
3. THAT I have practised my profession continuously since graduation.
4. THAT I personally conducted the 1992 exploration program discussed in this report.

DATED this 7th day of June, 1992.

Robert E. Miller
Geological Engineer

APPENDIX C

REFERENCES

REFERENCES

British Columbia Minister of Mines Annual Report, 1901; pg. 106, 1904; pg, 299.

Crowe, Gregory G. M.Sc. P.Geol. and Forbes, Jonna R. B.Sc., 1985 Geological, Geochemical and Geophysical Report on the Granville Mountain Property of Prominent Resources Corporation B.C. Assessment Report 14733.

Ruzicka, Stan, Personal communication, Maps, and Records 1991.

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Templeman-Kluit, D.J., 1989: Geology, Penticton, British Columbia, Geological Survey of Canada, Map 1736A. Scale 1:250,000.

Von Einsiedel, C.A., 1989, Prospecting Report Josh Claim Group, Assessment Report 18560.

Miller, R.E., 1992, Airborne Geophysical Survey on the Paulson Project, British Columbia, Assessment Report on the Bonanza Group.

APPENDIX D

ASSAYS

Chemex Labs Ltd.

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

To: CROWN RESOURCE CORPORATION
SEVENTEENTH STREET PLAZA
1225 17TH ST., STE. 1500
DENVER, COLORADO
80202

Page Number :1
Total Pages :6
Certificate Date: 23-OCT-91
Invoice No. :19123386
P.O. Number :

Project : BONANZA
Comments: ATTN: CHRIS HERALD CC:R.MILLER CC:J.SHANNON CC:M.SAWIUK

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47500N 24000E	201 --	< 5

CERTIFICATION:

Chemex Labs Ltd.

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

To: CROWN RESOURCE CORPORATION
SEVENTEENTH STREET PLAZA
1225 17TH ST., STE. 1500
DENVER, COLORADO
80202

Project : PAULSON
Comments: ATTN: CHRIS HERALD CC:R. MILLER CC:J. SHANNON CC:M. SAWIUK

Certificate Date: 23-OCT-91
Invoice No. :19123388
P.O. Number. :

CERTIFICATE OF ANALYSIS A9123388

SAMPLE	PREP CODE	Au ppb FA+AA
BL23500E 44200N	201 --	< 5
BL23500E 44250N	201 --	< 5
BL23500E 44300N	201 --	< 5
BL23500E 44350N	201 --	< 5
BL23500E 44400N	201 --	< 5
BL23500E 44450N	201 --	< 5
BL23500E 44500N	201 --	< 5
BL23500E 44550N	201 --	< 5
BL23500E 44600N	201 --	< 5
BL23500E 44650N	201 --	< 5
BL23500E 44700N	201 --	< 5
BL23500E 44750N	201 --	< 5
BL23500E 44800N	201 --	< 5
BL23500E 44850N	201 --	< 5
BL23500E 44900N	201 --	< 5
BL23500E 44950N	201 --	< 5
BL23500E 45000N	201 --	< 5
BL23500E 45050N	201 --	< 5
BL23500E 45100N	201 --	< 5
BL23500E 45150N	201 --	< 5
BL23500E 45200N	201 --	< 5
BL23500E 45250N	201 --	< 5
BL23500E 45300N	201 --	< 5
BL23500E 45350N	201 --	< 5
BL23500E 45400N	201 --	< 5
BL23500E 45450N	201 --	< 5
BL23500E 45550N	201 --	< 5
BL23500E 45600N	201 --	< 5
BL23500E 45650N	201 --	< 5
BL23500E 45700N	201 --	< 5
BL23500E 45750N	201 --	< 5
BL23500E 45800N	201 --	< 5
BL23500E 45900N	201 --	< 5
BL23500E 45950N	201 --	< 5
BL23500E 46000N	201 --	< 5
BL23500E 46050N	201 --	< 5
BL23500E 46058N	201 --	< 5
BL23500E 46100N	201 --	< 5
BL23500E 46150N	201 --	< 5
BL23500E 46200N	201 --	< 5

CERTIFICATION: Frank Vonk

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: CROWN RESOURCE CORPORATION
SEVENTEENTH STREET PLAZA
1225 17TH ST., STE. 1500
DENVER, COLORADO
80202

Page Number :2
Total Pages :2
Certificate Date: 23-OCT-91
Invoice No. :I9123388
P.O. Number :

Project : PAULSON
Comments: ATTN: CHRIS HERALD CC:R. MILLER CC:J. SHANNON CC:M. SAWIUK

CERTIFICATE OF ANALYSIS A9123388

SAMPLE	PREP CODE		Au ppb FA+AA
BL23500E 46250N	201	--	< 5
BL23500E 46300N	201	--	< 5
BL23500E 46350N	201	--	< 5
BL23500E 46400N	201	--	< 5
BL23500E 46450NA	201	--	< 5
BL23500E 46450NB	201	--	< 5
BL23500E 46500N	201	--	< 5
BL23500E 46550N	201	--	< 5
BL23500E 46600N	201	--	< 5
BL23500E 46650N	201	--	< 5
BL23500E 46700N	201	--	< 5
BL23500E 46750N	201	--	< 5
BL23500E 46800N	201	--	< 5
BL23500E 46850N	201	--	< 5
BL23500E 47000N	201	--	< 5
BL23500E 47050N	201	--	< 5
BL23500E 47100N	201	--	60
BL23500E 47150N	201	--	< 5
BL23500E 47200N	201	--	< 5
BL23500E 47250N	201	--	< 5
BL23500E 47300N	201	--	< 5
BL23500E 47350N	201	--	< 5
BL23500E 47400N	201	--	< 5
BL23500E 47450N	201	--	< 5
BL23500E 47500N	201	--	< 5

CERTIFICATION:

Chemex Labs Ltd.

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

To: CROWN RESOURCE CORPORATION
SEVENTEENTH STREET PLAZA
1225 17TH ST., STE. 1500
DENVER, COLORADO
80202

Page Number :1
Total Pages :1
Certificate Date: 21-OCT-91
Invoice No. :19123390
P.O. Number. :

Project : BONANZA
Comments: ATTN: CHRIS HERALD CC:R. MILLER CC:J. SHANNON CC:M. SAWIUK

CERTIFICATE OF ANALYSIS A9123390

SAMPLE	PREP CODE	Au ppb FA+AA
47600N 23000E	201 --	< 5
47600N 23050E	201 --	< 5
47600N 23100E	201 --	< 5
47600N 23150E	201 --	< 5
47600N 23200E	201 --	< 5
47600N 23250E	201 --	< 5
47600N 23300E	201 --	< 5
47600N 23350E	201 --	< 5
47600N 23400E	201 --	< 5
47600N 23450E	201 --	< 5
47600N 23550E	201 --	< 5
47600N 23600E	201 --	< 5
47600N 23650E	201 --	< 5
47600N 23700E	201 --	< 5
47600N 23750E	201 --	< 5
47600N 23800E	201 --	< 5
47600N 23850E	201 --	< 5
47600N 23900E	201 --	< 5
47600N 23950E	201 --	< 5
47600N 24000E	201 --	< 5

CERTIFICATION:

ROCK CHIPS

SAMPLE NO.	DESCRIPTION	Au (ppb)	Ag (ppm)	Bi (ppm)	Cd (ppm)	
	Molly Gibson					
91CM135R	SKARN	1390	<0.2	44	<0.5	
91CM136R	QTZ VNLET	10	0.2	<2	<0.5	
91CM137R	SKARN	4470	<0.2	12	<0.5	
91CM138R	SKARN	135	<0.2	<2	0.5	
	E VA Bell					
91CM139R	MASSIVE SULFIDE	1080	>200	42	7100	
140R	" "	310	27.2	<2	82	
141R	" "	245	70.6	18	7100	
	INLAND EMPIRE					
91CM142R	PHYLLITE	5	0.2	<2	3.0	
143R	VOLCANIC	5	0.2	<2	0.5	
144R	SILICEOUS VOLCANIC	660	14.8	38	2.0	
145R	QUARTZ VEIN	1140	24.6	30	<0.5	
146R	INTRUSIVE WALL ROCK, QTZ VN.	60	0.2	2	<0.5	

1991 Rock Chip Samples
Inland Empire Prospect
Paulson Project - Crown Res.

Prospect	Assay #	Au-ppb	Cu-ppm	Bi-ppm	Project
inlandem	91cm142r	5	13	<2	paulson
inlandem	91cm143r	5	25	2	paulson
inlandem	91cm144r	660	544	38	paulson
inlandem	91cm145r	1140	10	30	paulson
inlandem	91cm146r	60	19	2	paulson
inlandem	91cm295r	30	45	<2	paulson
inlandem	91cm296r	<5	27	<2	paulson
inlandem	91cm297r	<5	22	<2	paulson
inlandem	91cm298r	<5	2	<2	paulson

1991 Rock Chip Samples
Enterprize Prospect NUGGETT #1A
Paulson Project - Crown Res.

Prospect	Assay #	Au-ppb	Cu-ppm	Bi-ppm	Project
enterpz	91cm217r	<5	2420	10	paulson
enterpz	91cm218r	<5	1665	248	paulson
enterpz	91cm219r	<5	557	<2	paulson
enterpz	91cm220r	<5	1635	34	paulson
enterpz	91cm221r	<5	3800	22	paulson
enterpz	91cm222r	<5	80	<2	paulson

1991 Rock Chip Samples
Nugget Prospect
Paulson Project - Crown Res.

Prospect	Assay #	Au-ppb	Cu-ppm	Bi-ppm	Project
nugget	91cm225r	<5	103	<2	paulson
nugget	91cm226r	<5	151	<2	paulson
nugget	91cm227r	<5	109	<2	paulson
nugget	91cm228r	<5	6	<2	paulson
nugget	91cm229r	<5	69	<2	paulson
nugget	91cm230r	<5	23	<2	paulson
nugget	91cm231r	<5	28	<2	paulson
nugget	91cm232r	<5	16	<2	paulson
nugget	91cm233r	<5	149	<2	paulson
nugget	91cm234r	<5	171	<2	paulson
nugget	91cm235r	<5	42	<2	paulson
nugget	91cm236r	<5	24	<2	paulson
nugget	91cm335r	1130	12	<2	paulson
nugget	91cm336r	75	25	<2	paulson
nugget	91cm337r	510	26	<2	paulson
nugget	91cm338r	180	981	<2	paulson
nugget	91cm339r	430	111	<2	paulson
nugget	91cm340r	170	1125	<2	paulson
nugget	91cm341r	<5	62	<2	paulson
nugget	91cm342r	<5	14	<2	paulson
nugget	91cm343r	85	155	6	paulson
nugget	91cm344r	130	176	<2	paulson
nugget	91cm345r	<5	15	<2	paulson
nugget	91cm346r	500	182	<2	paulson
nugget	91cm347r	1210	87	<2	paulson
nugget	91cm348r	270	111	<2	paulson

Prospect	Assay #	Au-ppb	Cu-ppm	Bi-ppm	Project
nugget	91cm349r	30	55	<2	paulson
nugget	91cm350r	<5	1105	<2	paulson
nugget	91cm351r	<5	>9999	40	paulson
nugget	91cm352r	<5	92	4	paulson
nugget	91cm353r	<5	6120	28	paulson
nugget	91cm354r	20	>9999	999	paulson
nugget	91cm355r	<5	>9999	160	paulson
nugget	91cm356r	<5	369	<2	paulson
nugget	91cm357r	<5	87	<2	paulson
nugget	91cm358r	120	73	<2	paulson
nugget	91cm359r	<5	55	<2	paulson
nugget	91num100r	<5	115	<2	paulson
nugget	91num101r	10	113	<2	paulson
nugget	91num102r	<5	106	<2	paulson
nugget	91num103r	<5	58	2	paulson
nugget	91num104r	<5	109	2	paulson
nugget	91nud01r	<5	26	4	paulson
nugget	91nud02r	<5	17	4	paulson
nugget	91nud03r	<5	54	<2	paulson
nugget	91nud04r	<5	27	14	paulson
nugget	91nud05r	<5	461	120	paulson
nugget	91nud06r	<5	311	20	paulson
nugget	91nud07r	<5	381	8	paulson
nugget	91nud08r	<5	71	<2	paulson
nugget	91nud09r	<5	93	4	paulson
nugget	91nud10r	<5	12	<2	paulson

Prospect	Assay #	Au-ppb	Cu-ppm	Bi-ppm	Project
nugget	91nud11r	<5	14	4	paulson
nugget	91nud12r	20	841	<2	paulson
nugget	91nud13r	5	215	4	paulson
nugget	91nud14r	50	472	6	paulson
nugget	91num105r	<5	62	2	paulson
nugget	91num106r	<5	13	<2	paulson
nugget	91num107r	<5	53	2	paulson
nugget	91num108r	<5	21	6	paulson
nugget	91num109r	1560	34	170	paulson
nugget	91jk01r	<5	14	<2	paulson
nugget	91jk02r	<5	659	<2	paulson
nugget	91jk03r	<5	81	78	paulson
nugget	91jk04r	<5	457	16	paulson
nugget	91jk05r	<5	26	<2	paulson
nugget	91jk06r	<5	125	<2	paulson
nugget	91jk07r	<5	40	<2	paulson
nugget	91jk08r	<5	105	<2	paulson
nugget	91jk09r	<5	121	4	paulson
nugget	91jk10r	<5	40	<2	paulson
nugget	91jk11r	<5	75	<2	paulson
nugget	91jk12r	<5	31	<2	paulson
nugget	91jk13r	<5	33	2	paulson
nugget	91jk14r	<5	10	<2	paulson
nugget	91jk15r	<5	16	<2	paulson
nugget	91jk16r	>9999	3500	102	paulson
nugget	91jk17r	8840	1940	184	paulson

Prospect	Assay #	Au-ppb	Cu-ppm	Bi-ppm	Project	
nugget	91jk18r	50	348	2	paulson	
nugget	91jk19r	20	40	<2	paulson	
nugget	91jk20r	880	33	<2	paulson	
nugget	91jk21r	<5	15	4	paulson	
nugget	91jk22r	<5	28	<2	paulson	
nugget	91jk23r	<5	30	4	paulson	
nugget	91jk24r	<5	17	<2	paulson	
nugget	91jk25r	<5	146	<2	paulson	
nugget	91jk26r	40	69	2	paulson	magnetite landing
nugget	91jk27r	15	51	4	paulson	
nugget	91jk28r	<5	21	<2	paulson	
nugget	91jk29r	<5	25	<2	paulson	
nugget	91jk30r	<5	58	<2	paulson	
nugget	91jk31r	15	65	<2	paulson	
nugget	91jk32r	60	8	<2	paulson	
nugget	91jk33r	<5	9	<2	paulson	
nugget	91jk34r	790	16	<2	paulson	John bull
nugget	91jk35r	<5	34	<2	paulson	
nugget	91jk36r	10	23	<2	paulson	
nugget	91jk37r	5	249	10	paulson	
nugget	91jk38r	<5	10	2	paulson	
nugget	91jk39r	<5	141	<2	paulson	
nugget	91jk40r	<5	2	4	paulson	
nugget	91bnm101r	<5	26	6	paulson	
nugget	91bnm102r	<5	131	<2	paulson	
nugget	91bnm103r	<5	28	<2	paulson	

Prospect	Assay #	Au-ppb	Cu-ppm	Bi-ppm	Project
nugget	91bnm104r	<5	77	<2	paulson
nugget	91bnm105r	<5	80	<2	paulson
nugget	91bnm106r	<5	1070	12	paulson
nugget	91bnm107r	<5	1035	8	paulson
nugget	91bnm108r	<5	77	30	paulson
nugget	91bnm109r	<5	13	78	paulson
nugget	91mam100r	130	44	56	paulson
nugget	91mam101r	<5	62	<2	paulson
nugget	91mam102r	20	42	18	paulson

APPENDIX E

GROUND MAGNETOMETRY MAP

22 000 E
22 500 E
23 000 E
23 500 E
24 000 E
51 000 N
50 500 N
50 000 N
49 500 N
49 000 N
48 500 N
48 000 N
47 500 N
47 000 N
46 500 N
46 000 N
NUGGET 13 FR.
NUGGET 12
NUGGET 11
NUGGET 14
ALICE L
DULUTH
U.S.
NUGGET 10
NUGGET 9
ALBION NO.2
DUBROVNIK
NUGGET 8
NUGGET 7
CASCADE
NEW BONANZA
NUGGET 6
NUGGET 1
L 21 800 E
L 48 500 N
L 48 400 N
L 48 300 N
BONANZA NO.3
NUGGET
AMAZON
NUGGET 2
G.M NO 17 FR
NUGGET 3
ST. THOMAS
L 47 600 N
L 47 500 N
L 47 400 N
L 47 300 N
NUGGET 4
L 47 200 N
L 47 100 N
L 47 000 N
L 46 900 N
L 46 800 N
L 46 700 N
NUGGET 5
100 50 0 100 200 300
Metre

LEGEND

57600 56900 52550 Grid Line and Stations w/ Magnetic field in Gamma's

Contour in Gamma's

9/3 Lots

CROWN RESOURCE CORPORATION

NUGGET GROUP CLAIMS

COMPILED	DATE	DRAFTED	DATE
		KEM	4/84
REVISED	DATE	REVISED	DATE
KEM	5/84		

GROUND MAGNETOMETRY IN GAMMA'S

DATE SCALE 1:400 DWG NO.

APPENDIX F

SOIL GEOCHEMISTRY MAP

APPENDIX G

GENERAL GEOLOGY AND DRILL HOLE LOCATION MAP

22 000 E
22 500 E
23 000 E
23 500 E
24 000 E
51 000 N
50 500 N
50 000 N
49 500 N
49 000 N
48 500 N
48 000 N
47 500 N
47 000 N
46 500 N
46 000 N

NUGGET 13 FR.
NUGGET 12
NUGGET 11
NUGGET 14
NUGGET 10
NUGGET 9
NUGGET 8
NUGGET 7
NUGGET 6
NUGGET 1
NUGGET 2
NUGGET 3
NUGGET 4
NUGGET 5

ALICE 1
DULUTH
U.S.
ALBION NO. 2
DUBROVNIK
CASCADE
NEW BONANZA
BONANZA NO. 3
NUGGET
AMAZON
G.M NO 17 FR
ST. THOMAS

L 21 800 E
L 48 500 N
L 48 400 N
L 48 300 N
L 47 600 N
L 47 500 N
L 47 400 N
L 47 300 N
L 47 200 N
L 47 100 N
L 47 000 N
L 46 900 N
L 46 800 N
L 46 700 N

JURASSIC/CRETACEOUS MONZONITE
PENNSYLVANIAN/JURASSIC VOLCANICS
PENNSYLVANIAN/JURASSIC VOLCANICS & VOLCANIC BRECCIA
JURASSIC/CRETACEOUS MONZONITE
PENNSYLVANIAN/JURASSIC VOLCANICS & LIMESTONE
EOCENE CORYELL INTRUSIVE SYENITE

92 PA #1
92 PA #2
92 PA #3
92 PA #4
92 PA #5
92 PA #6

Bx

100 50 0 100 200 300
Metre

LEGEND

92PA#1 Drill hole location, direction & Number.
Geologic Contacts
Gt3 Vein's

CROWN RESOURCE CORPORATION

COMPILED	DATE	DRAFTED	DATE
		REM	10/92
REVISED	DATE	REVISED	DATE
REM	3-93		

NUGGET GROUP CLAIMS
Geology & 1992 Drill Holes

DATE SCALE 1:500 DWG NO.

22 000 E
22 500 E
23 000 E
23 500 E
24 000 E

51 000 N
50 500 N
50 000 N
49 500 N
49 000 N
48 500 N
48 000 N
47 500 N
47 000 N
46 500 N
46 000 N

NUGGET 13 FR.
NUGGET 12
NUGGET 11
NUGGET 14
ALICE 1
NUGGET 10
NUGGET 9
DULUTH
U.S.
ALBION NO. 2
DUBROVNIK
NUGGET 8
NUGGET 7
CASCADE
NEW BONANZA
NUGGET 6
NUGGET 1
L 21 800 E
L 48 500 N
BONANZA NO. 3
L 48 400 N
L 48 300 N
NUGGET
NUGGET 2
AMAZON
G.M NO 17 FR
NUGGET 3
ST. THOMAS
L 47 600 N
L 47 500 N
L 47 400 N
L 47 300 N
NUGGET 4
L 47 200 N
L 47 100 N
L 47 000 N
L 46 900 N
L 46 800 N
NUGGET 5
L 46 700 N

50 0 100 200 300
Metre

LEGEND

20 — Soil Sample site on grid w/ gold value of -80 mesh fraction in ppb

10 — 10ppb gold in soil Contour

— · — g/s VN's

CROWN RESOURCE CORPORATION
NUGGET CLAIM GROUP

COMPILED	DATE	DRAFTED	DATE
		10/92	
REVISED	DATE	REVISED	DATE
REM	3/93		
REM	4/93		

SOIL SAMPLE SITES and GOLD ASSAY VALUES (-)80 MESH.

DATE SCALE 1:400 DWG NO.

APPENDIX H

DRILL HOLE LOGS AND ASSAYS

CROWN RESOURCE

LOCATION: Nugget

DRILL HOLE 92 PA #1

Coords. N. _____ E. _____

Date: _____

Collared _____

Completed _____

LITHOLOGY: CLASTIC; LIMESTONE; DIORITE; GRANODIORITE

ALTERATION (1-5): CLAY (Cy); SKARN (Sk); OXIDATION (Ox); BLEACHING (Bl)

Total Depth 330

Collar Elev. _____

Angle _____

Bearing S45°E

Logged by _____

Page 1 of 4

	LITH	ALT	COLOR	% Py	% Po	% AsPy	% Mag	% CuPy	% cal Cite	% qtzvn Chips	% Magnetite / Skarn	% Garnet / Epidote	COMMENTS	Au	Probe 2.th	Pyrrhotite / Arsenopyrite / other C
05	+ + +	ox	white orange							Tr			Leucocratic biotite green hornfels feldspar intrusive - syenite	45	+ + +	5.°
10	+ + +		dark gray										50% SAA 50% grayish green biotite phlogophite		+ + +	10.°
15	+ + +		dark gray + brown										intrusive - monzonite?		+ + +	20.°
20	+ + +		light gray orange										SAA - becoming leucocratic		+ + +	10.°
25	+ + +												decreasing biotite larger hblende phens		+ + +	5.°
30	+ + +												SAA		+ + +	5.°
35	+	BL OX SK	dark gray orange brown	Tr								Tr	plus biotite SAA		+ + +	10.°
40	+ + +	BL OX SK	light gray orange						Tr				SAA - endoskarn? bleaching		+ + +	5.°
45	+	BL OX SK	brown	Tr						Tr			SAA - endoskarn?		+ + +	5.°
50	+ +	SK	light gray off white						Tr		Tr?		SAA - endoskarn		+ + +	Tr? 5.°
55	+ +	SK	pale brown										SAA - endoskarn + Tr Marble		+ +	1.°
60	+ + +			Tr+					0.5°		Tr++	Tr	SAA endoskarn? + tr marble		+ +	5.°
65	+ +		light gray						↓				leucocratic biotite phlogophite intrusive		+ + +	1.°
70	+ + +	?	orange white						Tr+	Tr					+ +	3.°
75		SK							Tr	↓	Tr		30% SAA 70% marble skarn qtz vein		+ +	10.°
80		SK							↓		7.?		marble skarny hornfels			Tr 3.°
85		SK	cream white						10.°		Tr		marble limestone some carbonaceous	35		Tr Tr+
90			orange brown	Tr+					75.°	Tr			partings fracture filling	30		Tr+
95				Tr++					80.°	↓			Sulfides & qtz? Un? sulfides on fractures	15		Tr+
00				↓					85.°					140		1.°

CROWN RESOURCE

LOCATION: Nugget — DRILL HOLE 92 PA #1

Coords. ____ — Total Depth ____

N. ____ — Collar Elev. ____

E. ____ — Angle ____

Date: ____ — Bearing ____

Collared ____ — Logged by ____

Completed ____ — Page 2 of 4

LITHOLOGY: CLASTIC; LIMESTONE; DIORITE; GRANODIORITE

ALTERATION (1-5): Cy CLAY; Sk SKARN; Ox OXIDATION; Bl BLEACHING

	LITH	ALT	COLOR	% Py	% Po	% AsPy	% Mag	% CuPy	% Cal Cite	% Qtzvn Chips	% Gnt	% Ept	COMMENTS	Au	Prob. Lith	Other
105			dark gray cream						75%	Tr			light gray limestone	<5		
110			orange pale brown	Tr			1?		10°	Tr+						1.
115			brown	↓					1.				light tan garnet skarn? hornfels? volcanics			5.
120				Tr+					5.				tan/gray dusted sulfides in vuggy xline- hornfels? / L.S.?			5.
125				Tr+					3.		Tr?		SKA - increasing			3.
130				↓					3.		10?		SKA intrusive or volcanic			Tr+
135			pale yellow brown						1.		5?		SKA			Tr+
140									↓		10?		SKA			Tr+
145									↓				SKA			Tr+
150									Tr+				SKA			Tr+
155			brown	Tr+					Tr		2?		SKA Skarn			Tr+
160				↓					↓		3?		SKA Skarn			Tr+
165				Tr					Tr+		3?		SKA Skarn			Tr+
170				↓									SKA			Tr+
175				Tr+	0.5								SKA			Tr+
180				↓	Tr											Tr+
185			brown dk brown	3.	2.				Tr				SKA			Tr? 1.
190				1.	1.				↓		5?		SKA Skarn			Tr? 1.
195				1.	Tr								SKA			Tr? 1.
200			dk grayish green				Tr				Tr		Intrusive? biotite Phenos? altered L.S.?			7.
													"hornblende syenite or VOL?"			

CROWN RESOURCE

LOCATION: _____ DRILL HOLE 92 DA #1

Coords. _____ LITHOLOGY ALTERATION (1-5) Total Depth _____

N. _____ CLASTIC CLAY Collar Elev. _____

E. _____ LIMESTONE SKARN Angle _____

Date: _____ DIORITE OXIDATION Bearing _____

Collared _____ GRANODIORITE BLEACHING Logged by _____

Completed _____ Page 3 of 4

	LITH	ALT	COLOR	% Py	% Po	% AsPy	% Mag	% CuPy	% Cal Cite	% Qtzvn Chips	% Gnt (Magnetic / Garnet / Epidote)	% Ept	COMMENTS	Au	Proto-Lith	Other
205	✓✓ ✓✓		dk brown	Tr						Tr			limestone? biotite trophobkt. /h felds	<5	✓✓ ✓✓	10
210	✓✓ ✓✓			↓					Tr		Tr?		vf to x/l marble? or grd hornfels / garnet		✓✓ ✓✓	Tr
215	✓✓ ✓✓		↓	↓						Tr	Tr?		↓ SAA. Skarn	↓	✓✓ ✓✓	Tr+ Tr
220	✓		pale green	Tr+					10°		Tr?	Tr	SAA w/ l marble &	10	✓✓	5? Tr
225	✓✓		↓	0.5°					5°		Tr?	Tr	↓ SAA w/ fracture	<5	✓✓	Tr Tr
230	✓✓ ✓✓		pale brown	Tr+					Tr+		Tr?		↓ SAA. h felds		✓✓ ✓✓	Tr Tr
235	✓✓ ✓✓			Tr					↓	Tr	Tr?		↓ SAA slate to sandy gr?		✓✓ ✓✓	Tr
240	✓✓ ✓			Tr+					Tr		Tr?		↓ SAA		✓✓ ✓✓	Tr
245	✓✓ ✓			↓					↓		Tr?		↓ SAA		✓✓ ✓✓	Tr
250	✓✓ ✓			↓					↓		Tr?		↓ SAA		✓✓ ✓✓	Tr
255	✓✓ ✓✓			↓							Tr?		↓ SAA		✓✓ ✓✓	
260	✓✓ ✓✓			Tr++									↓ SAA		✓✓ ✓✓	Tr?
265	✓✓ ✓✓			↓					Tr	Tr	Tr?		↓ SAA		✓✓ ✓✓	Tr
270	✓✓ ✓			0.5°					Tr++		?		↓ Gt vol skarn		✓✓ ✓✓	Tr? Tr+
275	✓✓ ✓✓			Tr	Tr				Tr		40?		↓ SAA increasing Sulfide		✓✓ ✓✓	Tr Tr
280	✓✓			1.°	Tr				Tr++		5?	Tr	↓ SAA. / marble 25?		✓✓	Tr? 1.°
285			pale green	Tr					0.5°		25?		↓ SAA		✓✓	15? 2.°
290			ok brown	↓					Tr++		25?		↓ SAA ↓		✓✓	Tr? 1.°
295			pale green	Tr++					65°		25?		↓ SAA increasing marble / bio ↓ trace			Tr Tr
300			lt. brown	Tr+					70°		25?		↓ SAA	↓		Tr Tr

CROWN RESOURCE

LOCATION: _____ DRILL HOLE 92 PA #1

Coords. _____ LITHOLOGY ALTERATION (1-5) Total Depth _____

N. _____ CLASTIC Cy CLAY Collar Elev. _____

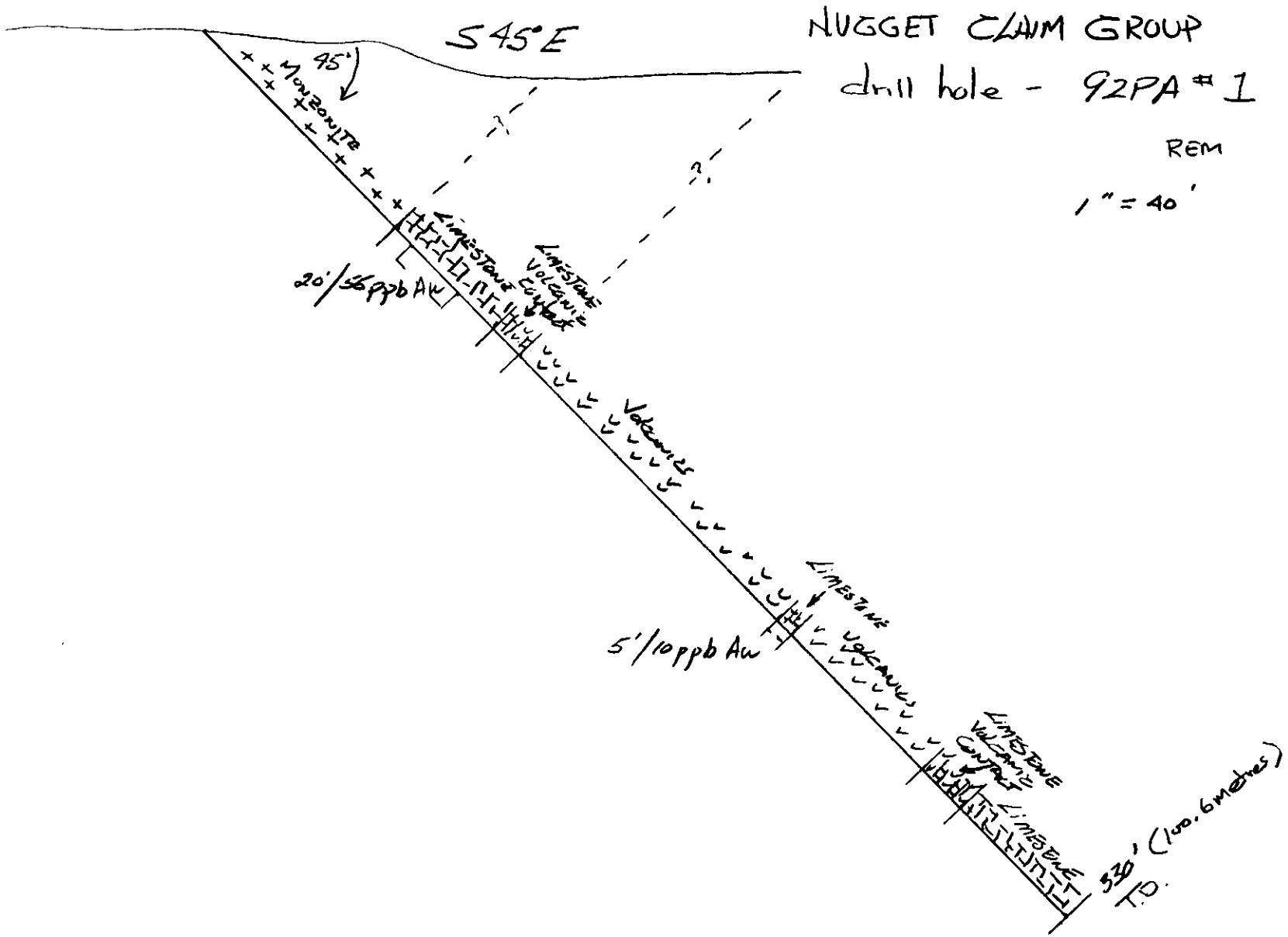
E. _____ LIMESTONE Sk SKARN Angle _____

Date: _____ DIORITE Ox OXIDATION Bearing _____

Collared _____ GRANODIORITE Bl BLEACHING Logged by _____

Completed _____ Page 4 of 4

	LITH	ALT	COLOR	% Py	% Po	% AsPy	% Mag	% CuPy	% Cal Cite	% Qtzvn Chips	% Magnetite / Garnet / Epidote Gnt	% Ept	COMMENTS	Au	Prob. Lith	Other
305			ok brown	Tr+					2.°		30?		SK garnet-Limysed?	L5		Tr? Tr
310				↓					3.°		40?	Tr	↓ skn clastic Lim			Tr+
315				Tr+					3.°		10?		↓ skn clastic sk			Tr+
320			↓	Tr					1.°		35?	Tr	↓ skn clastic sk.			1.°
325			skarn light gray	↓					3.°		35?		Skarn Limysed / LS?			Tr 5%
330			fg brown gray	↓			Tr		2.°		Tr		↓ Skarn biotite/Mafic pyroxene bleb / LS	↓		Tr 7°
335																
340								EOH								
345																
350																
355																
360																
365																
370																
375																
380																
385																
390																
395																
400																


NUGGET CLAIM GROUP
drill hole - 92PA #1
S45°E
45°
Monzonite
Limestone
Volcanic Contact
20'/56ppb Aw
Volcanics
Limestone
5'/10ppb Aw
Limestone
Volcanic Contact
Limestone
330' (100.6 metres)
T.D.
REM
1" = 40'

Chemex Labs Ltd.

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

To: VN RI RCE ORA
SEVENTEENTH STREET PLAZA
1225 17TH ST., STE. 1500
DENVER, COLORADO
80202

Project : PAULSON
Comments: ATTN: C. HERALD CC: R. MILLER CC: J. SHANNON CC: M. SAWIUK

Page Number :1-A
Total Pages :2
Certificate Date: 27-NOV-92
Invoice No. :I9225348
P.O. Number :
Account :JXX

CERTIFICATE OF ANALYSIS A9225348

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
92PA#1 000-005	205	274	< 5	< 0.2	1.30	16	90	< 0.5	< 2	0.53	< 0.5	4	86	46	1.82	10	< 1	0.17	20	0.46	205
92PA#1 005-010	205	274	< 5	< 0.2	1.62	754	300	< 0.5	< 2	0.94	1.5	11	68	39	2.94	10	1	0.46	20	1.03	330
92PA#1 010-015	205	274	< 5	< 0.2	2.04	16	660	< 0.5	< 2	1.54	< 0.5	15	77	21	3.91	10	< 1	0.81	30	1.57	480
92PA#1 015-020	205	274	< 5	< 0.2	1.55	14	390	< 0.5	4	1.06	< 0.5	11	51	40	3.29	10	< 1	0.59	30	1.19	385
92PA#1 020-025	205	274	< 5	< 0.2	1.02	< 2	110	< 0.5	< 2	0.81	< 0.5	5	76	36	2.00	10	< 1	0.25	20	0.59	200
92PA#1 025-030	205	274	< 5	0.2	1.06	< 2	90	< 0.5	< 2	1.17	< 0.5	4	67	23	1.48	10	1	0.15	20	0.43	180
92PA#1 030-035	205	274	< 5	0.2	1.09	8	250	< 0.5	4	1.32	< 0.5	11	120	31	2.45	< 10	< 1	0.41	20	1.02	310
92PA#1 035-040	205	274	< 5	< 0.2	1.30	2	150	< 0.5	4	1.14	< 0.5	6	73	41	2.36	10	< 1	0.30	20	0.78	295
92PA#1 040-045	205	274	< 5	0.2	1.06	< 2	100	< 0.5	< 2	1.21	< 0.5	3	67	30	1.72	10	< 1	0.22	10	0.48	245
92PA#1 045-050	205	274	< 5	< 0.2	1.55	4	80	< 0.5	< 2	1.96	< 0.5	6	56	33	2.58	10	< 1	0.22	20	0.87	415
92PA#1 050-055	205	274	< 5	< 0.2	1.27	< 2	110	< 0.5	< 2	1.35	< 0.5	3	81	21	1.87	10	1	0.28	10	0.61	295
92PA#1 055-060	205	274	< 5	< 0.2	1.93	< 2	140	< 0.5	< 2	1.78	< 0.5	5	68	32	2.12	10	< 1	0.31	10	0.71	335
92PA#1 060-065	205	274	< 5	< 0.2	1.21	< 2	120	< 0.5	< 2	2.22	< 0.5	4	48	40	2.30	10	< 1	0.19	20	0.77	320
92PA#1 065-070	205	274	< 5	< 0.2	1.50	< 2	130	< 0.5	4	2.19	< 0.5	5	46	39	2.43	10	< 1	0.32	20	0.72	310
92PA#1 070-075	205	274	< 5	< 0.2	1.27	< 2	50	0.5	< 2	2.21	< 0.5	3	50	17	1.62	10	< 1	0.25	10	0.71	320
92PA#1 075-080	205	274	< 5	< 0.2	2.49	8	80	1.0	4	2.28	< 0.5	3	72	15	1.71	10	< 1	0.40	10	0.76	300
92PA#1 080-085	205	274	35	0.2	0.95	16	30	< 0.5	4	4.16	< 0.5	9	79	33	2.05	< 10	< 1	0.10	10	0.32	280
92PA#1 085-090	205	274	30	0.2	0.46	22	10	< 0.5	2	12.40	0.5	7	106	30	1.76	< 10	< 1	0.01	< 10	0.30	365
92PA#1 090-095	205	274	15	< 0.2	0.21	6	30	< 0.5	< 2	8.11	< 0.5	6	140	20	1.82	< 10	< 1	0.01	< 10	0.23	840
92PA#1 095-100	205	274	140	0.2	0.27	44	20	< 0.5	< 2	>15.00	< 0.5	14	67	27	2.49	< 10	< 1	< 0.01	< 10	0.48	820
92PA#1 100-105	205	274	< 5	0.2	0.27	42	20	< 0.5	4	>15.00	0.5	4	40	19	1.30	< 10	< 1	0.01	< 10	0.30	745
92PA#1 105-110	205	274	< 5	< 0.2	1.86	20	90	1.0	< 2	5.75	< 0.5	8	47	56	2.25	< 10	< 1	0.21	< 10	0.38	390
92PA#1 110-115	205	274	< 5	< 0.2	2.21	< 2	230	0.5	< 2	3.72	< 0.5	17	141	76	3.71	< 10	< 1	0.86	10	1.36	585
92PA#1 115-120	205	274	< 5	< 0.2	2.24	< 2	570	1.0	4	3.91	< 0.5	29	254	67	3.92	< 10	< 1	1.48	20	2.46	845
92PA#1 120-125	205	274	< 5	< 0.2	2.47	6	190	0.5	2	3.50	< 0.5	22	151	84	3.98	< 10	< 1	0.58	10	1.35	580
92PA#1 125-130	205	274	< 5	< 0.2	1.14	2	50	0.5	< 2	2.53	< 0.5	16	78	73	2.97	< 10	< 1	0.20	< 10	0.62	400
92PA#1 130-135	205	274	< 5	< 0.2	0.93	< 2	30	0.5	2	3.68	< 0.5	9	61	50	2.50	< 10	< 1	0.11	< 10	0.69	610
92PA#1 135-140	205	274	< 5	< 0.2	0.81	< 2	40	0.5	2	2.10	< 0.5	12	71	58	2.43	< 10	< 1	0.14	< 10	0.43	340
92PA#1 140-145	205	274	< 5	< 0.2	1.14	6	30	0.5	< 2	4.02	< 0.5	10	60	49	2.16	< 10	< 1	0.13	< 10	0.43	620
92PA#1 145-150	205	274	< 5	< 0.2	0.99	2	30	< 0.5	2	2.76	< 0.5	11	72	53	2.49	< 10	1	0.09	< 10	0.51	435
92PA#1 150-155	205	274	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 155-160	205	274	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 160-165	205	274	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 165-170	205	274	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 170-175	205	274	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 175-180	205	274	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 180-185	205	274	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 185-190	205	274	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 190-195	205	274	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 195-200	205	274	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

CERTIFICATION: Jhai D'Mar

Chemex Labs Ltd.

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

To: CROWN RESOURCE CORPORATION
SEVENTEENTH STREET PLAZA
1225 17TH ST., STE. 1500
DENVER, COLORADO
80202

Page Number :1-B
Total Pages :2
Certificate Date: 27-NOV-92
Invoice No. :19225348
P.O. Number :
Account :JXX

Project : PAULSON
Comments: ATTN: C. HERALD CC: R. MILLER CC: J. SHANNON CC: M. SAWIUK

CERTIFICATE OF ANALYSIS A9225348

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
92PA#1 000-005	205	274	1	0.11	5	870	18	< 2	4	54	0.11	< 10	< 10	43	< 10	26
92PA#1 005-010	205	274	2	0.14	6	1760	24	2	7	91	0.15	< 10	< 10	75	10	46
92PA#1 010-015	205	274	1	0.20	8	1430	22	< 2	8	186	0.18	< 10	< 10	111	20	74
92PA#1 015-020	205	274	1	0.14	3	1970	8	< 2	8	89	0.16	< 10	< 10	89	10	58
92PA#1 020-025	205	274	2	0.12	3	880	2	< 2	5	70	0.13	< 10	< 10	47	10	28
92PA#1 025-030	205	274	2	0.14	4	920	4	< 2	4	102	0.12	< 10	< 10	39	10	22
92PA#1 030-035	205	274	2	0.11	18	1610	8	2	6	85	0.18	< 10	< 10	63	10	46
92PA#1 035-040	205	274	1	0.12	4	970	18	2	7	86	0.09	< 10	< 10	61	10	34
92PA#1 040-045	205	274	1	0.12	4	700	6	< 2	5	90	0.09	< 10	< 10	40	< 10	22
92PA#1 045-050	205	274	1	0.08	4	870	2	< 2	8	116	0.02	< 10	< 10	52	10	36
92PA#1 050-055	205	274	1	0.12	3	520	4	2	5	107	0.05	< 10	< 10	39	10	28
92PA#1 055-060	205	274	2	0.20	5	710	8	2	6	154	0.08	< 10	< 10	49	10	26
92PA#1 060-065	205	274	3	0.09	3	720	12	< 2	7	200	0.01	< 10	< 10	39	10	26
92PA#1 065-070	205	274	2	0.11	3	740	6	< 2	8	195	0.03	< 10	< 10	46	10	30
92PA#1 070-075	205	274	1	0.08	2	630	20	< 2	6	145	0.02	< 10	< 10	31	< 10	30
92PA#1 075-080	205	274	1	0.16	4	700	28	< 2	7	153	0.03	< 10	< 10	40	10	62
92PA#1 080-085	205	274	2	0.01	6	620	20	2	4	163	< 0.01	< 10	< 10	18	10	22
92PA#1 085-090	205	274	2	0.01	13	530	22	4	3	435	< 0.01	< 10	< 10	25	10	80
92PA#1 090-095	205	274	1	0.01	7	200	14	2	1	197	< 0.01	< 10	< 10	11	10	104
92PA#1 095-100	205	274	9	0.01	6	250	14	2	1	362	< 0.01	< 10	< 10	14	20	78
92PA#1 100-105	205	274	7	0.01	7	470	8	< 2	2	1105	< 0.01	< 10	< 10	19	20	70
92PA#1 105-110	205	274	< 1	0.13	15	620	20	< 2	10	304	0.01	< 10	< 10	91	10	34
92PA#1 110-115	205	274	1	0.20	49	1540	14	2	12	248	0.14	< 10	< 10	127	20	98
92PA#1 115-120	205	274	1	0.09	105	2230	20	2	9	270	0.13	< 10	< 10	103	20	108
92PA#1 120-125	205	274	1	0.25	53	1650	24	2	11	249	0.14	< 10	< 10	104	20	92
92PA#1 125-130	205	274	< 1	0.09	29	770	12	2	9	176	0.03	< 10	< 10	70	10	66
92PA#1 130-135	205	274	< 1	0.05	22	560	10	< 2	7	218	0.01	< 10	< 10	48	10	58
92PA#1 135-140	205	274	1	0.08	23	530	6	< 2	7	157	0.01	< 10	< 10	53	< 10	44
92PA#1 140-145	205	274	< 1	0.08	21	460	6	2	7	234	0.01	< 10	< 10	52	< 10	56
92PA#1 145-150	205	274	< 1	0.08	24	550	8	2	8	194	< 0.01	< 10	< 10	54	10	56
92PA#1 150-155	205	274	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 155-160	205	274	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 160-165	205	274	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 165-170	205	274	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 170-175	205	274	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 175-180	205	274	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 180-185	205	274	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 185-190	205	274	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 190-195	205	274	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 195-200	205	274	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

CERTIFICATION: Jhai D Ma

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: (N RE ICE C ORAT ...
SEVENTEENTH STREET PLAZA
1225 17TH ST., STE. 1500
DENVER, COLORADO
80202

Project : PAULSON
Comments: ATTN: C. HERALD CC: R. MILLER CC: J. SHANNON CC: M. SAWIUK

Page Number :2-A
Total Pages :2
Certificate Date: 27-NOV-92
Invoice No. : I9225348
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Account :JXX

CERTIFICATE OF ANALYSIS A9225348

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
92PA#1 200-205	205	274	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 205-210	205	274	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 210-215	205	274	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 215-220	205	274	10	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 220-225	205	274	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 225-230	205	274	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 230-235	205	274	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 235-240	205	274	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 240-245	205	274	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 245-250	205	274	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 250-255	205	274	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 255-260	205	274	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 260-265	205	274	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 265-270	205	274	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 270-275	205	274	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 275-280	205	274	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 280-285	205	274	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 285-290	205	274	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 290-295	205	274	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 295-300	205	274	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 300-305	205	274	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 305-310	205	274	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 310-315	205	274	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 315-320	205	274	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 320-325	205	274	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 325-330	205	274	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

CERTIFICATION: Jhai D'Ma

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: MN R [illegible]RCE [illegible]PORA[illegible]
SEVENTEENTH STREET PLAZA
1225 17TH ST., STE. 1500
DENVER, COLORADO
80202

Page Number :2-B
Total Pages :2
Certificate Date: 27-NOV-92
Invoice No. : I9225348
P.O. Number :
Account :JXX

Project : PAULSON
Comments: ATTN: C. HERALD CC: R. MILLER CC: J. SHANNON CC: M. SAWIUK

CERTIFICATE OF ANALYSIS A9225348

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
92PA#1 200-205	205	274	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 205-210	205	274	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 210-215	205	274	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 215-220	205	274	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 220-225	205	274	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 225-230	205	274	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 230-235	205	274	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 235-240	205	274	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 240-245	205	274	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 245-250	205	274	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 250-255	205	274	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 255-260	205	274	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 260-265	205	274	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 265-270	205	274	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 270-275	205	274	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 275-280	205	274	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 280-285	205	274	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 285-290	205	274	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 290-295	205	274	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 295-300	205	274	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 300-305	205	274	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 305-310	205	274	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 310-315	205	274	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 315-320	205	274	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 320-325	205	274	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#1 325-330	205	274	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

CERTIFICATION: Thai D'Ma

CROWN RESOURCE

LOCATION: Nugget
Coords. _____
N. _____
E. _____
Date: _____
Collared _____
Completed _____

LITHOLOGY
- CLASTIC
- LIMESTONE
- DIORITE
- GRANODIORITE

ALTERATION (1-5)
- Cy CLAY
- Sk SKARN
- Ox OXIDATION
- Bl BLEACHING

DRILL HOLE 92 PA #2
Total Depth 245
Collar Elev. _____
Angle -45
Bearing S45E
Logged by _____
Page 1 of 3

	LITH	ALT	COLOR	% Py	% Po	% AsPy	% Mag	% CuPy	% Cal Cite	% Qtzvn Chips	% Magnetite / Gnt	% Ept	COMMENTS	Au	Pyrite Lith	Pyrite Amount / Other
05	+ +	Ox	Yellow to redbrown										uf crystalline biotite hornblende Syenite	<5	+ + +	1.°
10	+ +		blue gray + brown									Tr	SAA Syenite	<5	+ + +	15.°
15	+ +									Tr				10	+ +	15.°
20	+ +													<5	+ + +	15.°
25	+ +								Tr						+ + +	15.°
30	+ +														+ + +	15.°
35	+ +		Yellow brown + gray												+ + +	15.°
40	+ +		dark gray										biotite hornfels			30.°
45	+ +								Tr							20.°
50	+ +		Yellow brown										altered case brown Syenite			1.°
55	+ +		light brown	Tr++					Tr			Tr	biotite calc silicate hornfels			15.°
60		Sk		↓					Tr+		3.°		biotite calc silicate Skarn			1.° / 3.°
65				0.5°					↓		5.°					.5° / 5.°
70				↓					↓		5.°	1.°				1.° / 5.°
75			pale green and brown	↓					3.°		10.°	3.°				5.° / 15°
80				2.0°	Tr++				Tr		5.°	1.°				3.° / 20.
85				3.°	5.°				Tr+		7.°	0.5°				10. / 25.
90			light brown	5.°	10.°		Tr+	Tr	3.°		5.°	Tr++				10. / 7.
95				0.5°	Tr			↓	Tr		Tr+					1.° / Tr+
00				1.°	Tr+		Tr+		↓		15°					Tr / 3.0

CROWN RESOURCE

LOCATION: _____ DRILL HOLE 92 PH #2

Coords. _____ LITHOLOGY ALTERATION (1-5) Total Depth _____

N. _____ CLASTIC CLAY Collar Elev. _____

E. _____ LIMESTONE SKARN Angle _____

Date: _____ DIORITE OXIDATION Bearing _____

Collared _____ GRANODIORITE BLEACHING Logged by _____

Completed _____ Magnetite / Garnet / Epidote Page 2 of 3

	LITH	ALT	COLOR	% Py	% Po	% AsPy	% Mag	% CuPy	% Cal Cite	% Qtzvn Chips	% Gnt	% Ept	COMMENTS	Au	Prob. Lith	Prob. other
105	+ +	Gt	mottled dark						Tr				Biotite Phlogopite feldspar intrusive	45	+ + + +	10°
110	+ +		light gray						↓				minor Chloride after Green Hornblende		+ + + +	15°
115	+ +		white pale				Tr		↓				Minor Relic Green Hornblende Varying amounts of biotite ranging from 15-50%		+ + + +	10°
120	+ +		olive green	Tr			↓		↓	Tr+					+ + + +	10°
125	+ +			Tr			↓		1°	↓			Syenite		+ + +	15°
130	+ +						↓		↓						+ + +	10°
135	+ +								2°					45	+ + +	15°
140	+ +								↓	Tr				30	+ + +	15°
145	+ +								Tr			Tr+		45	+ + +	15
150		SK							↓		1°	Tr	Vufxlline skarn / L.S.? Spk		?	5°
155		↓							↓		Tr		Skarn			5°
160									↓				Skarny h' fels w/white porphyro blsts.			10°
165		SK?					Tr		↓				Poss Skarn			2°
170		SK?					↓		↓				Poss skarn			2°
175	+ +		dark brown						↓		?	?	75% biotite hornfels after intrusive contact selvage		+ + + +	15°
180	+ +								↓						+ + +	15°
185	+ +		light brown						0.5°				leucocratic feldspar syenite with 3-5% biotite. 3-5%		+ + + +	5°
190	+ +		to orange brown				Tr		↓				green (chlorite) hornblende		+ +	5°
195	+ +		mottled with gray				↓		↓				Minor porphyritic black hornblendes		+ + + +	5°
200	+ +		gray				↓		Tr+					↓		5°

CROWN RESOURCE

LOCATION: _____ DRILL HOLE 92 PA +2

Coords. _____ LITHOLOGY ALTERATION (1-5) Total Depth _____

N. _____ CLASTIC CLAY Collar Elev. _____

E. _____ LIMESTONE SKARN Angle _____

Date: _____ DIORITE OXIDATION Bearing _____

Collared _____ GRANODIORITE BLEACHING Logged by _____

Completed _____ Magnetite / garnet / epidote Page 3 of 3

	LITH	ALT	COLOR	% Py	% Po	% AsPy	% Mag	% CuPy	% Cal Cite	% Qtzvn Chips	% Gnt	% Ept	COMMENTS	Au	Proto. Lith	Struct other
205	+ +												Syenite	LS	+ + +	
210	+ +		very pale brown												+ +	
215	+ +		+= clear												+ + +	
220	+ +														+ + +	
225	+ + +														+ + +	
230	+ + ≡		black										75% biotite hornfels after intrusive contact selvage		≡ + ≡	
235	+ + ≡ +														+ + +	
240	+ + +		very pale brown										SSA. 180-225 with increasing fresh dark		+ + +	
45			to clear										green to black hornblende		+ +	
50													EOH			
55																
60																
65																
70																
75																
80																
85																
90																
95																
00																

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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PHONE: 604-984-0221

To: CROWN RESOURCE CORPORATION
SEVENTEENTH STREET PLAZA
1225 17TH ST., STE. 1500
DENVER, COLORADO
80202

Project : PAULSON
Comments: ATTN: C. HERALD CC: R. MILLER CC: J. SHANNON CC: M. SAWIUK

Page Number :1-A
Total Pages :2
Certificate Date: 08-DEC-92
Invoice No. :19225349
P.O. Number :
Account :JXX

CERTIFICATE OF ANALYSIS A9225349

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
92PA#2 000-005	205	274	< 5	< 0.2	1.72	< 2	130	< 0.5	< 2	0.74	< 0.5	9	149	26	2.68	10	< 1	0.26	20	0.63	450
92PA#2 005-010	205	274	< 5	< 0.2	1.54	< 2	360	< 0.5	< 2	1.00	< 0.5	13	81	47	3.03	10	< 1	0.78	40	1.19	270
92PA#2 010-015	205	274	10	< 0.2	1.46	< 2	250	< 0.5	2	0.97	< 0.5	10	79	53	3.24	10	< 1	0.69	40	0.79	260
92PA#2 015-020	205	274	< 5	< 0.2	1.49	< 2	240	< 0.5	< 2	1.06	< 0.5	11	48	76	3.09	10	< 1	0.74	40	0.75	240
92PA#2 020-025	205	274	< 5	< 0.2	1.49	< 2	400	< 0.5	< 2	1.07	< 0.5	11	60	63	2.97	10	< 1	0.75	30	0.73	255
92PA#2 025-030	205	274	< 5	< 0.2	1.30	< 2	410	< 0.5	< 2	0.89	< 0.5	10	38	41	2.80	10	< 1	0.61	30	0.68	250
92PA#2 030-035	205	274	< 5	< 0.2	1.35	< 2	190	< 0.5	< 2	1.02	< 0.5	10	44	27	3.09	10	< 1	0.31	30	0.85	335
92PA#2 035-040	205	274	< 5	< 0.2	2.06	< 2	560	< 0.5	< 2	1.19	< 0.5	17	80	22	3.58	< 10	< 1	1.46	20	1.71	350
92PA#2 040-045	205	274	< 5	< 0.2	1.75	< 2	410	< 0.5	< 2	1.64	< 0.5	16	60	40	3.45	< 10	< 1	1.10	20	1.64	455
92PA#2 045-050	205	274	< 5	0.2	1.98	2	40	< 0.5	< 2	1.33	< 0.5	16	29	95	2.58	< 10	< 1	0.11	< 10	1.43	715
92PA#2 050-055	205	274	< 5	< 0.2	1.99	8	400	< 0.5	< 2	1.32	< 0.5	19	167	93	3.59	< 10	< 1	1.14	10	2.65	325
92PA#2 055-060	205	274	< 5	< 0.2	1.72	< 2	70	< 0.5	< 2	1.55	< 0.5	15	46	97	3.67	< 10	< 1	0.45	< 10	1.30	240
92PA#2 060-065	205	274	< 5	< 0.2	1.99	< 2	90	< 0.5	< 2	1.71	< 0.5	13	29	89	3.65	< 10	< 1	0.48	< 10	1.26	255
92PA#2 065-070	205	274	< 5	< 0.2	2.18	< 2	200	< 0.5	< 2	1.79	< 0.5	17	27	85	3.34	< 10	< 1	0.39	< 10	1.25	290
92PA#2 070-075	205	274	< 5	< 0.2	2.14	< 2	80	< 0.5	< 2	2.69	< 0.5	16	17	110	3.50	< 10	< 1	0.14	< 10	0.94	405
92PA#2 075-080	205	274	< 5	< 0.2	3.74	< 2	70	< 0.5	< 2	3.38	< 0.5	19	19	125	3.49	< 10	1	0.10	< 10	0.79	390
92PA#2 080-085	205	274	< 5	< 0.2	4.74	< 2	40	< 0.5	< 2	4.31	< 0.5	64	15	436	9.48	10	< 1	0.04	40	0.48	440
92PA#2 085-090	205	274	< 5	0.4	4.67	34	110	< 0.5	< 2	5.17	< 0.5	52	48	414	10.95	10	< 1	0.18	40	0.66	995
92PA#2 090-095	205	274	< 5	< 0.2	4.81	14	100	< 0.5	< 2	3.76	< 0.5	18	43	63	3.11	10	< 1	0.28	< 10	0.98	250
92PA#2 095-100	205	274	< 5	< 0.2	1.51	< 2	270	< 0.5	< 2	1.21	< 0.5	13	44	44	3.33	10	< 1	0.83	60	1.23	325
92PA#2 100-105	205	274	< 5	< 0.2	1.30	< 2	270	< 0.5	< 2	1.38	< 0.5	14	60	24	3.62	10	< 1	0.78	40	1.28	355
92PA#2 105-110	205	274	< 5	< 0.2	1.17	< 2	230	< 0.5	< 2	1.64	< 0.5	11	55	23	3.26	10	< 1	0.64	40	1.19	390
92PA#2 110-115	205	274	< 5	< 0.2	1.44	< 2	270	< 0.5	< 2	1.50	< 0.5	13	50	26	3.66	10	< 1	0.71	40	1.32	365
92PA#2 115-120	205	274	< 5	< 0.2	1.57	< 2	230	< 0.5	< 2	2.03	< 0.5	15	59	36	3.78	10	< 1	0.66	40	1.48	490
92PA#2 120-125	205	274	< 5	< 0.2	1.40	< 2	230	< 0.5	< 2	2.04	< 0.5	14	60	34	3.66	10	< 1	0.73	50	1.29	495
92PA#2 125-130	205	274	< 5	< 0.2	1.72	< 2	320	< 0.5	< 2	2.45	< 0.5	15	46	48	3.68	10	< 1	0.70	40	1.28	470
92PA#2 130-135	205	274	< 5	< 0.2	1.81	4	280	< 0.5	< 2	3.85	< 0.5	15	75	41	3.58	10	< 1	0.59	50	1.27	690
92PA#2 135-140	205	274	30	< 0.2	1.35	< 2	230	< 0.5	< 2	1.71	< 0.5	13	43	27	3.35	10	< 1	0.57	50	1.05	380
92PA#2 140-145	205	274	< 5	< 0.2	1.50	6	150	< 0.5	< 2	2.54	< 0.5	11	57	49	2.83	10	< 1	0.37	40	0.62	405
92PA#2 145-150	205	274	< 5	< 0.2	1.79	2	60	< 0.5	< 2	3.45	< 0.5	7	70	37	2.19	< 10	< 1	0.18	30	0.24	585
92PA#2 150-155	205	274	< 5	< 0.2	1.15	2	70	< 0.5	< 2	1.63	< 0.5	7	58	28	1.45	< 10	< 1	0.21	30	0.52	265
92PA#2 155-160	205	274	< 5	< 0.2	1.69	< 2	400	< 0.5	< 2	1.39	< 0.5	16	198	27	2.91	10	< 1	1.22	40	2.06	360
92PA#2 160-165	205	274	< 5	0.2	0.72	4	360	< 0.5	< 2	1.52	< 0.5	9	72	32	2.39	10	< 1	0.48	60	0.74	415
92PA#2 165-170	205	274	< 5	0.4	0.77	< 2	310	< 0.5	< 2	1.38	< 0.5	7	77	18	2.41	10	< 1	0.47	60	0.68	450
92PA#2 170-175	205	274	< 5	< 0.2	2.22	< 2	300	< 0.5	< 2	1.54	< 0.5	22	191	65	3.01	< 10	< 1	1.04	20	1.77	255
92PA#2 175-180	205	274	< 5	< 0.2	1.63	< 2	240	< 0.5	< 2	1.13	< 0.5	21	219	63	3.19	< 10	< 1	1.32	30	2.14	350
92PA#2 180-185	205	274	< 5	< 0.2	0.59	< 2	60	< 0.5	< 2	0.94	< 0.5	4	59	20	1.84	< 10	< 1	0.24	30	0.48	290
92PA#2 185-190	205	274	< 5	< 0.2	0.75	< 2	80	< 0.5	< 2	1.02	< 0.5	4	79	11	2.18	10	< 1	0.28	30	0.46	360
92PA#2 190-195	205	274	< 5	< 0.2	0.49	< 2	70	< 0.5	< 2	1.04	< 0.5	3	125	9	1.01	< 10	< 1	0.23	20	0.31	285
92PA#2 195-200	205	274	< 5	< 0.2	0.77	< 2	40	< 0.5	< 2	0.88	< 0.5	4	69	10	1.83	10	< 1	0.18	50	0.41	330

CERTIFICATION: Jhai D Ma

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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To: CROWN RESOURCE CORPORATION
SEVENTEENTH STREET PLAZA
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CERTIFICATE OF ANALYSIS A9225349

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
92PA#2 000-005	205 274	1	0.13	24	880	16	2	5	74	0.14	< 10	< 10	70	10	58
92PA#2 005-010	205 274	2	0.12	24	1330	8	2	3	111	0.18	< 10	< 10	89	10	56
92PA#2 010-015	205 274	4	0.16	15	1650	4	2	3	161	0.24	< 10	< 10	89	10	52
92PA#2 015-020	205 274	3	0.17	12	1660	10	4	2	179	0.22	< 10	< 10	85	10	48
92PA#2 020-025	205 274	3	0.17	13	1570	8	6	3	187	0.20	< 10	< 10	84	< 10	52
92PA#2 025-030	205 274	4	0.13	12	1730	10	4	3	139	0.19	< 10	< 10	78	10	52
92PA#2 030-035	205 274	2	0.12	8	2120	8	2	4	80	0.19	< 10	< 10	78	< 10	58
92PA#2 035-040	205 274	< 1	0.13	15	1590	< 2	4	5	79	0.37	< 10	< 10	124	10	56
92PA#2 040-045	205 274	1	0.07	15	1510	6	4	8	66	0.28	< 10	< 10	121	10	60
92PA#2 045-050	205 274	1	0.08	34	630	54	4	11	113	0.19	< 10	< 10	89	10	116
92PA#2 050-055	205 274	2	0.09	111	1350	< 2	4	10	82	0.31	< 10	< 10	115	10	62
92PA#2 055-060	205 274	8	0.20	25	550	12	4	11	90	0.25	< 10	< 10	128	10	46
92PA#2 060-065	205 274	5	0.23	19	600	< 2	2	13	108	0.27	< 10	< 10	139	10	50
92PA#2 065-070	205 274	2	0.27	17	600	12	2	11	150	0.25	< 10	< 10	121	10	54
92PA#2 070-075	205 274	7	0.18	21	620	4	2	8	188	0.14	< 10	< 10	87	10	50
92PA#2 075-080	205 274	3	0.45	28	630	8	2	6	327	0.18	< 10	< 10	73	10	44
92PA#2 080-085	205 274	3	0.44	45	2330	14	6	4	408	0.06	< 10	< 10	47	30	48
92PA#2 085-090	205 274	1	0.64	41	3860	10	8	6	397	0.11	< 10	< 10	118	40	78
92PA#2 090-095	205 274	2	0.58	11	760	2	2	9	206	0.14	< 10	< 10	110	20	56
92PA#2 095-100	205 274	3	0.12	19	1920	14	6	4	91	0.25	< 10	< 10	94	10	64
92PA#2 100-105	205 274	1	0.09	14	1550	4	2	4	90	0.16	< 10	< 10	115	10	62
92PA#2 105-110	205 274	1	0.09	10	1460	6	4	6	93	0.15	< 10	< 10	101	10	58
92PA#2 110-115	205 274	1	0.12	11	1680	8	4	6	114	0.14	< 10	< 10	119	10	66
92PA#2 115-120	205 274	1	0.12	10	1430	4	2	8	136	0.11	< 10	< 10	116	10	70
92PA#2 120-125	205 274	4	0.08	11	1300	2	2	8	107	0.10	< 10	< 10	114	10	74
92PA#2 125-130	205 274	10	0.17	11	1690	4	4	9	190	0.10	< 10	< 10	124	10	74
92PA#2 130-135	205 274	18	0.18	11	2010	8	4	12	243	0.12	< 10	< 10	116	10	94
92PA#2 135-140	205 274	4	0.09	9	1450	12	2	6	115	0.11	< 10	< 10	97	10	80
92PA#2 140-145	205 274	7	0.06	17	1600	12	2	2	92	0.10	< 10	< 10	68	< 10	50
92PA#2 145-150	205 274	16	0.11	14	820	20	< 2	3	129	0.08	< 10	< 10	53	< 10	60
92PA#2 150-155	205 274	11	0.10	38	1160	16	< 2	1	138	0.06	< 10	< 10	26	< 10	48
92PA#2 155-160	205 274	6	0.10	118	1050	24	2	3	99	0.14	< 10	< 10	70	10	78
92PA#2 160-165	205 274	5	0.07	18	740	18	4	3	76	0.10	< 10	< 10	57	< 10	52
92PA#2 165-170	205 274	6	0.12	14	620	32	4	3	82	0.11	< 10	< 10	55	< 10	64
92PA#2 170-175	205 274	4	0.18	104	1310	16	2	4	87	0.19	< 10	< 10	90	10	50
92PA#2 175-180	205 274	14	0.13	122	720	6	2	5	60	0.14	< 10	< 10	92	< 10	56
92PA#2 180-185	205 274	2	0.06	12	820	10	2	2	43	0.07	< 10	< 10	39	< 10	34
92PA#2 185-190	205 274	1	0.12	9	900	6	4	3	56	0.07	< 10	< 10	44	< 10	36
92PA#2 190-195	205 274	1	0.15	6	630	4	< 2	2	68	0.04	< 10	< 10	22	< 10	24
92PA#2 195-200	205 274	2	0.09	6	680	8	2	2	57	0.02	< 10	< 10	28	< 10	34

CERTIFICATION: Jhai D'Ma

Chemex Labs Ltd.

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

To: CROWN RESOURCE CORPORATION
SEVENTEENTH STREET PLAZA
1225 17TH ST., STE. 1500
DENVER, COLORADO
80202

Project : PAULSON
Comments: ATTN: C. HERALD CC: R. MILLER CC: J. SHANNON CC: M. SAWIUK

Page Number :2-A
Total Pages :2
Certificate Date: 08-DEC-92
Invoice No. :I9225349
P.O. Number :
Account :JXX

CERTIFICATE OF ANALYSIS A9225349

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
92PA#2 200-205	205	274	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#2 205-210	205	274	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#2 210-215	205	274	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#2 215-220	205	274	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#2 220-225	205	274	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#2 225-230	205	274	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#2 230-235	205	274	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#2 235-240	205	274	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

CERTIFICATION: Thai D'Ma

Chemex Labs Ltd.

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

To: CROWN RESOURCE CORPORATION
SEVENTEENTH STREET PLAZA
1225 17TH ST., STE. 1500
DENVER, COLORADO
80202

Page Number :2-B
Total Pages :2
Certificate Date: 08-DEC-92
Invoice No. :I9225349
P.O. Number :
Account :JXX

Project : PAULSON
Comments: ATTN: C. HERALD CC: R. MILLER CC: J. SHANNON CC: M. SAWIUK

CERTIFICATE OF ANALYSIS A9225349

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
92PA#2 200-205	205	274	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#2 205-210	205	274	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#2 210-215	205	274	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#2 215-220	205	274	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#2 220-225	205	274	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#2 225-230	205	274	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#2 230-235	205	274	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
92PA#2 235-240	205	274	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

CERTIFICATION: John D'Ma

CROWN RESOURCE

LOCATION: Nugget

Coords.
N.
E.
Date:
Collared
Completed

LITHOLOGY
CLASTIC
LIMESTONE
DIORITE
GRANODIORITE

ALTERATION (1-5)
CY CLAY
SK SKARN
OX OXIDATION
BL BLEACHING
Magnetite / Garnet / Actinolite / Epidote

Quartz log
Hand lens

DRILL HOLE 92 RR #3
Total Depth 170
Collar Elev.
Angle -45°
Bearing South
Logged by
Page 1 of 2

	LITH	ALT	COLOR	% Py	% Po	% AsPy	% Mag	% CuPy	% Cal Cite	% Quzvn Chips	% Gnt	% Ept	COMMENTS	Au	Proto. Lith	Rock Chips other
05	+ V +												At bottom biotite-phyllopod	<5	V V + +	
10	+ +												Syenite		+ +	
15	+ +												Syenite			
20	+ +															
25	+ +															
30	+ +												+ Kspar			
35	+ +															
40	+ +															
45	+ +															
50	+ +															
55	+ +															
60	+ +															
65	+ +															
70	+ +															
75	+ +															
80	+ +															
85	+ +															
90	+ +															
95	+ +															
00	+ +															

92RR #3

CROWN RESOURCE

LOCATION: _____ DRILL HOLE 92 P1 #3

Coords. _____ LITHOLOGY ALTERATION (1-5) Total Depth _____

N. _____ CLASTIC CY CLAY Collar Elev. _____

E. _____ LIMESTONE SK SKARN Angle _____

Date: _____ DIORITE OX OXIDATION Bearing _____

Collared _____ GRANODIORITE BL BLEACHING Logged by _____

Completed _____ Page 2 of 2

	LITH	ALT	COLOR	% Py	% Po	% AsPy	% Mag	% CuPy	% Cal Cite	% Qtzvn Chips	% Magnetite / Gnt	% Ept	COMMENTS	Au	Proto. Lith	Other
105	+ +												Diorite to Syenite			
110	+ +			Tr+									Volcanic w/			
115	+ +			Tr					Tr							
120	+ +								Tr+							
125	+ +								1.0							
130	+ +								2.0							
135	+ +								1.0							
140	+ +								1.0							
145	+ +								2.0							
150	+ +								3.0							
155	+ +			Tr++					3.0							
160	+ +			Tr					Tr				Diorite to Syenite			
165	+ +												+ K Spar			
170	+ +															
175				EOH									EOH			
180																
185																
190																
195																
200																

Chemex Labs Ltd.

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

To: CROWN RESOURCE CORPORATION
SEVENTEENTH STREET PLAZA
1225 17TH ST., STE. 1500
DENVER, COLORADO
80202

Project : PAULSON
Comments: ATTN: C. HERALD CC: R. MILLER CC: J. SHANNON CC: M. SAWIUK

Page Number :1
Total Pages :1
Certificate Date: 27-NOV-92
Invoice No. :I9225350
P.O. Number :
Account :JXX

CERTIFICATE OF ANALYSIS A9225350

SAMPLE	PREP CODE		Au ppb FA+AA
92PA#3 000-005	205	274	< 5
92PA#3 005-010	205	274	< 5
92PA#3 010-015	205	274	< 5
92PA#3 015-020	205	274	< 5
92PA#3 020-025	205	274	< 5
92PA#3 025-030	205	274	< 5
92PA#3 030-035	205	274	< 5
92PA#3 035-040	205	274	< 5
92PA#3 040-045	205	274	< 5
92PA#3 045-050	205	274	< 5
92PA#3 050-055	205	274	< 5
92PA#3 055-060	205	274	< 5
92PA#3 060-065	205	274	< 5
92PA#3 065-070	205	274	< 5
92PA#3 070-075	205	274	< 5
92PA#3 075-080	205	274	< 5
92PA#3 080-085	205	274	< 5
92PA#3 085-090	205	274	< 5
92PA#3 090-095	205	274	< 5
92PA#3 095-100	205	274	< 5
92PA#3 100-105	205	274	< 5
92PA#3 105-110	205	274	< 5
92PA#3 110-115	205	274	< 5
92PA#3 115-120	205	274	< 5
92PA#3 120-125	205	274	< 5
92PA#3 125-130	205	274	< 5
92PA#3 130-135	205	274	< 5
92PA#3 135-140	205	274	< 5
92PA#3 140-145	205	274	< 5
92PA#3 145-150	205	274	< 5
92PA#3 150-155	205	274	< 5
92PA#3 155-160	205	274	< 5
92PA#3 160-165	205	274	< 5
92PA#3 165-170	205	274	< 5

CERTIFICATION:

CROWN RESOURCE

LOCATION: Nugget
Coords.
N.
E.
Date:
Collared
Completed

LITHOLOGY
CLASTIC
LIMESTONE
DIORITE
GRANODIORITE

ALTERATION (1-5)
Cy CLAY
Sk SKARN
Ox OXIDATION
Bl BLEACHING
Magnetite / Garnet / Epidote

DRILL HOLE 92 PA #4
Total Depth 130
Collar Elev.
Angle -45°
Bearing South
Logged by
Page 1 of 1

	LITH	ALT	COLOR	% Py	% Po	% AsPy	% Mag	% CuPy	% Cal Cite	% Olivn Chips	% Gnt	% Ept	COMMENTS	Au	Prob. Zoth	Pyrox Amph Chlor other
05	+ +												Leucocratic biotite, green hornblend K-spar Syenite	<5	+ +	
10	+ +												Minor Mag.			
15	+ +												Mafics are			
20	+ +												approx. 5-15% Syenite			
25	+ +															
30	+ +															
35	+ +															
40																
45																
50																
55																
60																
65																
70																
75													TD 130			
80													EOH			
85																
90																
95																
00																

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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To: CROWN RESOURCE CORPORATION
SEVENTEENTH STREET PLAZA
1225 17TH ST., STE. 1500
DENVER, COLORADO
80202

Page Number :1-A
Total Pages :1
Certificate Date: 27-NOV-92
Invoice No. :I9225351
P.O. Number :
Account :JXX

Project : PAULSON
Comments: ATTN: C. HERALD CC: R. MILLER CC: J. SHANNON CC: M. SAWIUK

CERTIFICATE OF ANALYSIS A9225351

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
92PA#4 000-005	205	274	< 5	< 0.2	2.33	2	170	< 0.5	< 2	0.68	< 0.5	11	156	56	2.85	< 10	< 1	0.47	20	0.77	365
92PA#4 005-010	205	274	< 5	< 0.2	1.00	< 2	100	< 0.5	< 2	0.74	< 0.5	7	86	19	2.11	10	< 1	0.28	60	0.58	360
92PA#4 010-015	205	274	< 5	< 0.2	0.95	< 2	90	< 0.5	< 2	0.97	< 0.5	8	82	19	2.14	10	< 1	0.24	50	0.66	355
92PA#4 015-020	205	274	< 5	< 0.2	0.56	< 2	60	< 0.5	< 2	0.56	< 0.5	4	121	9	1.79	10	< 1	0.28	70	0.43	285
92PA#4 020-025	205	274	< 5	< 0.2	0.49	< 2	60	< 0.5	< 2	0.55	< 0.5	6	91	12	2.03	10	< 1	0.22	60	0.45	325
92PA#4 025-030	205	274	< 5	< 0.2	0.54	< 2	70	< 0.5	< 2	1.11	< 0.5	7	100	9	2.29	10	< 1	0.23	70	0.59	445
92PA#4 030-035	205	274	< 5	< 0.2	0.46	< 2	60	< 0.5	< 2	1.53	< 0.5	8	92	11	2.45	10	< 1	0.20	80	0.64	525
92PA#4 035-040	205	274	< 5	< 0.2	0.77	< 2	70	< 0.5	< 2	1.60	< 0.5	8	104	12	2.47	10	< 1	0.25	90	0.81	505
92PA#4 040-045	205	274	< 5	< 0.2	0.55	< 2	40	< 0.5	< 2	2.35	< 0.5	7	79	11	2.40	10	< 1	0.15	80	1.14	560
92PA#4 045-050	205	274	< 5	< 0.2	0.69	< 2	70	< 0.5	< 2	1.62	< 0.5	8	105	12	2.61	10	< 1	0.25	80	0.81	510
92PA#4 050-055	205	274	< 5	< 0.2	0.43	< 2	40	< 0.5	< 2	2.92	< 0.5	8	93	10	2.44	10	< 1	0.15	70	1.39	725
92PA#4 055-060	205	274	< 5	< 0.2	0.57	< 2	40	< 0.5	< 2	3.90	< 0.5	9	74	7	2.45	10	< 1	0.15	80	1.85	925
92PA#4 060-065	205	274	< 5	< 0.2	0.59	< 2	70	< 0.5	< 2	1.53	< 0.5	9	117	10	2.61	10	< 1	0.24	90	0.94	610
92PA#4 065-070	205	274	< 5	< 0.2	0.32	< 2	30	< 0.5	< 2	1.53	< 0.5	8	59	10	2.41	10	< 1	0.12	80	0.87	560
92PA#4 070-075	205	274	< 5	< 0.2	0.31	< 2	20	< 0.5	< 2	1.54	< 0.5	8	65	11	2.62	10	< 1	0.09	90	0.88	600
92PA#4 075-080	205	274	< 5	< 0.2	0.43	< 2	20	< 0.5	< 2	1.61	< 0.5	8	63	11	2.65	10	< 1	0.08	90	0.92	580
92PA#4 080-085	205	274	< 5	< 0.2	0.42	< 2	40	< 0.5	< 2	1.78	< 0.5	7	85	10	2.36	10	< 1	0.16	80	0.92	560
92PA#4 085-090	205	274	< 5	< 0.2	0.45	< 2	40	< 0.5	< 2	1.29	< 0.5	6	72	12	2.47	10	< 1	0.17	80	0.87	460
92PA#4 090-095	205	274	< 5	< 0.2	0.41	< 2	30	< 0.5	< 2	1.57	< 0.5	7	79	10	2.36	10	< 1	0.13	80	0.95	550
9APA#4 095-100	205	274	< 5	< 0.2	0.60	< 2	60	< 0.5	< 2	1.45	< 0.5	7	104	12	2.59	10	< 1	0.21	90	0.95	610
92PA#4 100-105	205	274	< 5	< 0.2	0.50	< 2	30	< 0.5	< 2	2.21	< 0.5	8	77	11	2.57	10	< 1	0.13	80	1.18	690
92PA#4 105-110	205	274	< 5	< 0.2	0.49	2	70	< 0.5	< 2	1.30	< 0.5	7	110	11	2.39	10	< 1	0.24	80	0.76	465
92PA#4 110-115	205	274	< 5	< 0.2	0.38	4	40	< 0.5	< 2	0.88	< 0.5	7	79	15	2.31	10	< 1	0.19	70	0.61	370
92PA#4 115-120	205	274	< 5	< 0.2	0.58	< 2	60	< 0.5	2	1.72	< 0.5	7	101	11	2.58	10	< 1	0.24	80	1.05	630
92PA#4 120-125	205	274	< 5	< 0.2	0.40	< 2	40	< 0.5	4	1.35	< 0.5	7	77	12	2.50	10	1	0.17	80	0.86	510
92PA#4 125-130	205	274	< 5	< 0.2	0.51	< 2	70	< 0.5	< 2	0.90	< 0.5	6	100	10	2.33	10	< 1	0.28	70	0.67	380

CERTIFICATION: Jhai D Ma

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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Project : PAULSON
Comments: ATTN: C. HERALD CC: R. MILLER CC: J. SHANNON CC: M. SAWIUK

CERTIFICATE OF ANALYSIS A9225351

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
92PA#4 000-005	205	274	3	0.13	31	1420	42	2	4	63	0.15	< 10	< 10	71	< 10	68
92PA#4 005-010	205	274	1	0.09	18	940	10	4	3	42	0.09	< 10	< 10	44	< 10	38
92PA#4 010-015	205	274	2	0.04	19	1060	14	2	3	48	0.08	< 10	< 10	44	< 10	42
92PA#4 015-020	205	274	1	0.10	12	750	8	2	2	31	0.07	< 10	< 10	32	< 10	28
92PA#4 020-025	205	274	1	0.04	17	970	4	2	2	23	0.05	< 10	< 10	39	< 10	32
92PA#4 025-030	205	274	1	0.08	18	1170	2	2	4	54	0.04	< 10	< 10	40	< 10	38
92PA#4 030-035	205	274	1	0.03	19	1180	2	2	5	76	0.04	< 10	< 10	42	< 10	44
92PA#4 035-040	205	274	2	0.07	18	1250	2	4	6	76	0.03	< 10	< 10	42	< 10	44
92PA#4 040-045	205	274	1	0.03	18	1210	2	2	5	90	0.02	< 10	< 10	36	< 10	44
92PA#4 045-050	205	274	< 1	0.08	21	1220	10	2	6	91	0.04	< 10	< 10	45	< 10	48
92PA#4 050-055	205	274	1	0.04	16	1110	2	2	5	124	0.02	< 10	< 10	38	< 10	46
92PA#4 055-060	205	274	< 1	0.05	18	1130	8	4	5	152	0.01	< 10	< 10	35	10	54
92PA#4 060-065	205	274	1	0.08	20	1210	4	2	6	108	0.03	< 10	< 10	42	< 10	48
92PA#4 065-070	205	274	1	0.03	17	1190	4	2	5	84	0.02	< 10	< 10	37	< 10	44
92PA#4 070-075	205	274	2	0.03	20	1320	4	4	6	92	0.01	< 10	< 10	34	< 10	50
92PA#4 075-080	205	274	1	0.03	20	1300	6	4	6	102	0.01	< 10	< 10	39	< 10	48
92PA#4 080-085	205	274	2	0.04	17	1120	8	< 2	4	121	0.03	< 10	< 10	39	< 10	42
92PA#4 085-090	205	274	1	0.04	16	1220	12	< 2	4	96	0.03	< 10	< 10	43	< 10	42
92PA#4 090-095	205	274	2	0.04	17	1170	2	2	4	106	0.02	< 10	< 10	37	< 10	42
9APA#4 095-100	205	274	3	0.08	19	1250	2	< 2	6	124	0.03	< 10	< 10	40	< 10	48
92PA#4 100-105	205	274	2	0.03	17	1210	14	2	5	137	0.01	< 10	< 10	39	< 10	50
92PA#4 105-110	205	274	2	0.10	17	1190	8	2	4	95	0.04	< 10	< 10	42	< 10	40
92PA#4 110-115	205	274	2	0.04	16	1170	4	< 2	3	69	0.04	< 10	< 10	43	< 10	38
92PA#4 115-120	205	274	1	0.08	18	1140	< 2	2	5	138	0.03	< 10	< 10	43	< 10	46
92PA#4 120-125	205	274	1	0.03	16	1180	4	< 2	4	107	0.03	< 10	< 10	40	< 10	46
92PA#4 125-130	205	274	2	0.09	16	1000	2	< 2	3	80	0.06	< 10	< 10	43	< 10	36

CERTIFICATION: Jhai D'Ma

CROWN RESOURCE

LOCATION: Nugget
Coords. _____
N. _____
E. _____
Date: _____
Collared _____
Completed _____

LITHOLOGY
- CLASTIC
- LIMESTONE
- DIORITE
- GRANODIORITE

ALTERATION (1-5)
- Cy CLAY
- Sk SKARN
- Ox OXIDATION
- Bl BLEACHING

DRILL HOLE 92 PA #5
Total Depth 60
Collar Elev. _____
Angle -90°
Bearing _____
Logged by _____
Page 1 of 1

	LITH	ALT	COLOR	% Py	% Po	% AsPy	% Mag	% CuPy	% Cal Cite	% Qtzvn Chips	% Gnt	% Ept	COMMENTS	Au	Proto. Lith	Retro. other
05	+ ✓ +		orang' Brn				Tr						Leucocratic green hornblende biotite Feldspar		+ ✓ +	
10	+ +		↓				↓						Syenite w/ Tr magnetite		+ +	
15	+ +		↓				↓						Tr ++ Hspar Syenite		+ +	
20	+ +		↓				↓								+ +	
25	+ +		Speckled white & [illegible]												+ +	
30	+ +												Syenite		+ +	
35	+ +														+ +	
40	+ +														+ +	
45	+ +														+ +	
50	+ +														+ +	
55	+ +														+ +	
60	+ +														+ +	
65							EOH									
70																
75																
80																
85																
90																
95																
00																

Chemex Labs Ltd.

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

To: CROWN RESOURCE CORPORATION
SEVENTEENTH STREET PLAZA
1225 17TH ST., STE. 1500
DENVER, COLORADO
80202

Project : PAULSON
Comments: ATTN: C. HERALD CC: R. MILLER CC: J. SHANNON CC: M. SAWIUK

Page Number :1
Total Pages :1
Certificate Date: 27-NOV-92
Invoice No. :19225352
P.O. Number :
Account :JXX

CERTIFICATE OF ANALYSIS A9225352

SAMPLE	PREP CODE		Au ppb FA+AA
92PA#5 000-005	205	274	< 5
92PA#5 005-010	205	274	< 5
92PA#5 010-015	205	274	< 5
92PA#5 015-020	205	274	< 5
92PA#5 020-025	205	274	< 5
92PA#5 025-030	205	274	< 5
92PA#5 030-035	205	274	< 5
92PA#5 035-040	205	274	< 5
92PA#5 040-045	205	274	< 5
92PA#5 045-050	205	274	< 5
92PA#5 050-055	205	274	< 5
92PA#5 055-060	205	274	< 5

CERTIFICATION:

CROWN RESOURCE

LOCATION: Nugget

DRILL HOLE 92 RA #6

Coords. _____ N. _____ E. _____ Date: _____ Collared _____ Completed _____

LITHOLOGY: CLASTIC; LIMESTONE; DIORITE; GRANODIORITE

ALTERATION (1-5): Cy CLAY; Sk SKARN; Ox OXIDATION; Bl BLEACHING

Total Depth 150

Collar Elev. _____

Angle -45

Bearing N45°W

Logged by _____

Page 1 of 2

	LITH	ALT	COLOR	% Py	% Po	% AsPy	% Mag	% CuPy	% Cal Cite	% Qtzvn Chips	% Gnt (Magnetite / Garnet)	% Ept (Epidote / Epidote)	COMMENTS	Au	Prob. Lith	Other
05	+												Leucocratic green hornblende diorite Feldspar	<5	+	
10	+												Syenite w/ Tr Magnetite			
15													Tr k-spar			
20													Syenite			
25																
30																
35																
40																
45																
50																
55																
60																
65																
70																
75																
80																
85																
90																
95																
00																

CROWN RESOURCE

LOCATION: _____ DRILL HOLE 22 PA #6

Coords. _____ LITHOLOGY ALTERATION (1-5) Total Depth _____

N. _____ CLASTIC CLAY Collar Elev. _____

E. _____ LIMESTONE SKARN Angle _____

Date: _____ DIORITE OXIDATION Bearing _____

Collared _____ GRANODIORITE BLEACHING Logged by _____

Completed _____ Page 2 of 2

	LITH	ALT	COLOR	% Py	% Po	% AsPy	% Mag	% CuPy	% Cal Cite	% Qtzvn Chips	% Gnt (Magnet / garnet)	% Ept (Epidote / Epidote)	COMMENTS	Au	Proto. Lith	Byerlite Amphibolite other Client
105	++ +												Spent	45	+ +	
110																
115																
120																
125																
130																
135																
140																
145																
150																
155													EOH			
160																
165																
170																
175																
180																
185																
190																
195																
200																

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SEVENTEENTH STREET PLAZA
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Account :JXX

CERTIFICATE OF ANALYSIS A9225353

SAMPLE	PREP CODE		Au ppb FA+AA
92PA#6 000-005	205	274	< 5
92PA#6 005-010	205	274	< 5
92PA#6 010-015	205	274	< 5
92PA#6 015-020	205	274	< 5
92PA#6 020-025	205	274	< 5
92PA#6 025-030	205	274	< 5
92PA#6 030-035	205	274	< 5
92PA#6 035-040	205	274	< 5
92PA#6 040-045	205	274	< 5
92PA#6 045-050	205	274	< 5
92PA#6 050-055	205	274	< 5
92PA#6 055-060	205	274	< 5
92PA#6 060-065	205	274	< 5
92PA#6 065-070	205	274	< 5
92PA#6 070-075	205	274	< 5
92PA#6 075-080	205	274	< 5
92PA#6 080-085	205	274	< 5
92PA#6 085-090	205	274	< 5
92PA#6 090-095	205	274	< 5
92PA#6 095-100	205	274	< 5
92PA#6 100-105	205	274	< 5
92PA#6 105-110	205	274	< 5
92PA#6 110-115	205	274	< 5
92PA#6 115-120	205	274	< 5
92PA#6 120-125	205	274	< 5
92PA#6 125-130	205	274	< 5
92PA#6 130-135	205	274	< 5
92PA#6 135-140	205	274	< 5
92PA#6 140-145	205	274	< 5
92PA#6 145-150	205	274	< 5

CERTIFICATION: