1991 Summary Report

on the

Ket 10 Group

(Ket 6, Ket 7, Ket 8, Ket 9 and Ket 10 claims)

Greenwood Mining Division
British Columbia

North Latitude 49°03' West Longitude 119°05'
NTS 82E/3

Prepared for

Crownex Resources (Canada) Ltd.

P.O. Box 25
Suite 100, 200 Granville Street
Vancouver, B.C.
V6C 1S4

Prepared by

W.R. Kushner, B.Sc

Coast Mountain Geological Ltd.

P.O. Box 11604
1410-650 West Georgia Street
Vancouver, B.C.
V6B 4N9

January 1992

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1991 Summary Report - Ket 10 Group

1.0 INTRODUCTION

1.1 Summary

The 1991 exploration program on the Ket 10 Group (Ket 6, 7, 8, 9, and 10 claims) was conducted between September and October 1991. Work consisted of reconnaissance prospecting, determining claim access and claim boundaries, rock types and alteration assemblages. Detailed prospecting, geological mapping and rock sampling were conducted where circumstances warranted.

Four areas were found to contain anomalous gold in rock samples and are recommended for further work:

i) a listwanite-bearing fault passing through the southern portion of the Ket 9 claim.

ii) anomalous gold values in Rock Creek valley in the southern portion of the Ket 8 claim may represent a northerly extension of the mineralized structure that was the subject of Crown's 1990 drill program on the RM Group (Miller and Kushner, 1991).

iii) shear related massive pyrrhotite-pyrite-chalcopyrite mineralization hosted in highly fractured and altered diorite at the Golden Gate prospect in the west-central portion of the Ket 8 claim. This area contained the highest gold value found on the Ket 10 Group to date (990 ppb).

iv) a pyritic-siliceous shear zone in the south-central portion of the Ket 10 claim contains detectable gold.

Reconnaissance prospecting traverses were run over much of the Ket 7 and Ket 6 claims north of the highway. No significant mineralization and/or alteration assemblages were observed or

detected in rock sampling.

1.2 Location and Access

The Ket 10 Group lies along Highway #3 between Johnstone Creek Provincial Park and Bridesville, some 10 kilometres west of Rock Creek, British Columbia (Figure 1).

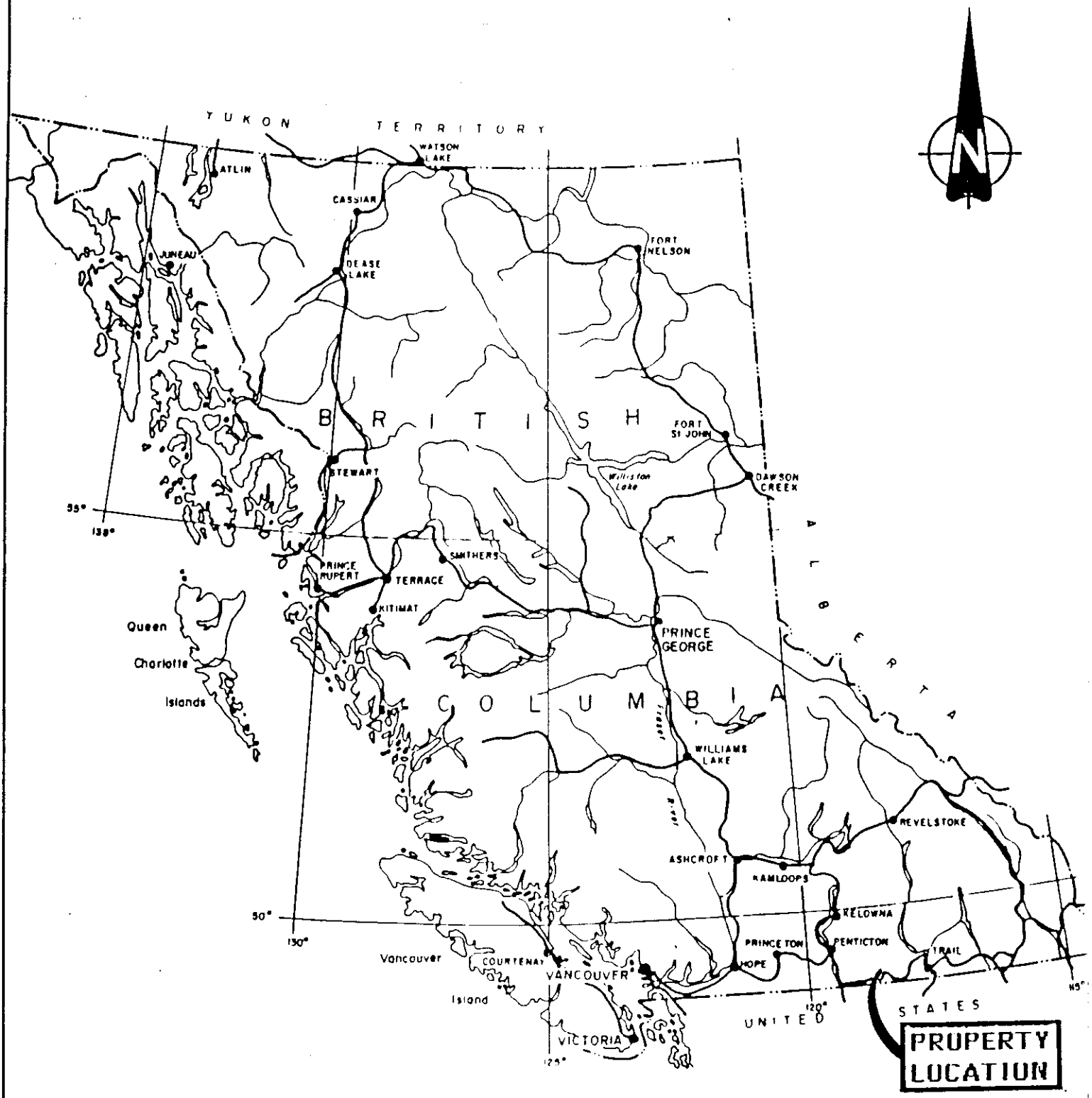
The centre of the property is located at approximately north latitude 49°03′ and west longitude 119°05′. It is located in the central part of the southwest quarter of the NTS 82E/3 Osoyoos map sheet.

Access to the Ket 10 group is provided by secondary road off of Highway #3. Internal access to the individual claims is usually via private farm and bush roads.

1.3 Physiography and Climate

High rolling hills varying from 1000 to 1300 meters in elevation are cut by the north-south and east-west drainage patterns of the Jolly-Rock Creek drainages which help to develop local reliefs of some 300 meters.

North slopes, gullies and rocky hilltops are usually tree covered with pine, larch and poplar. South slopes and flat areas are open and generally under cultivation.



CROWN RESOURCES CORP.

KET 10 GROUP

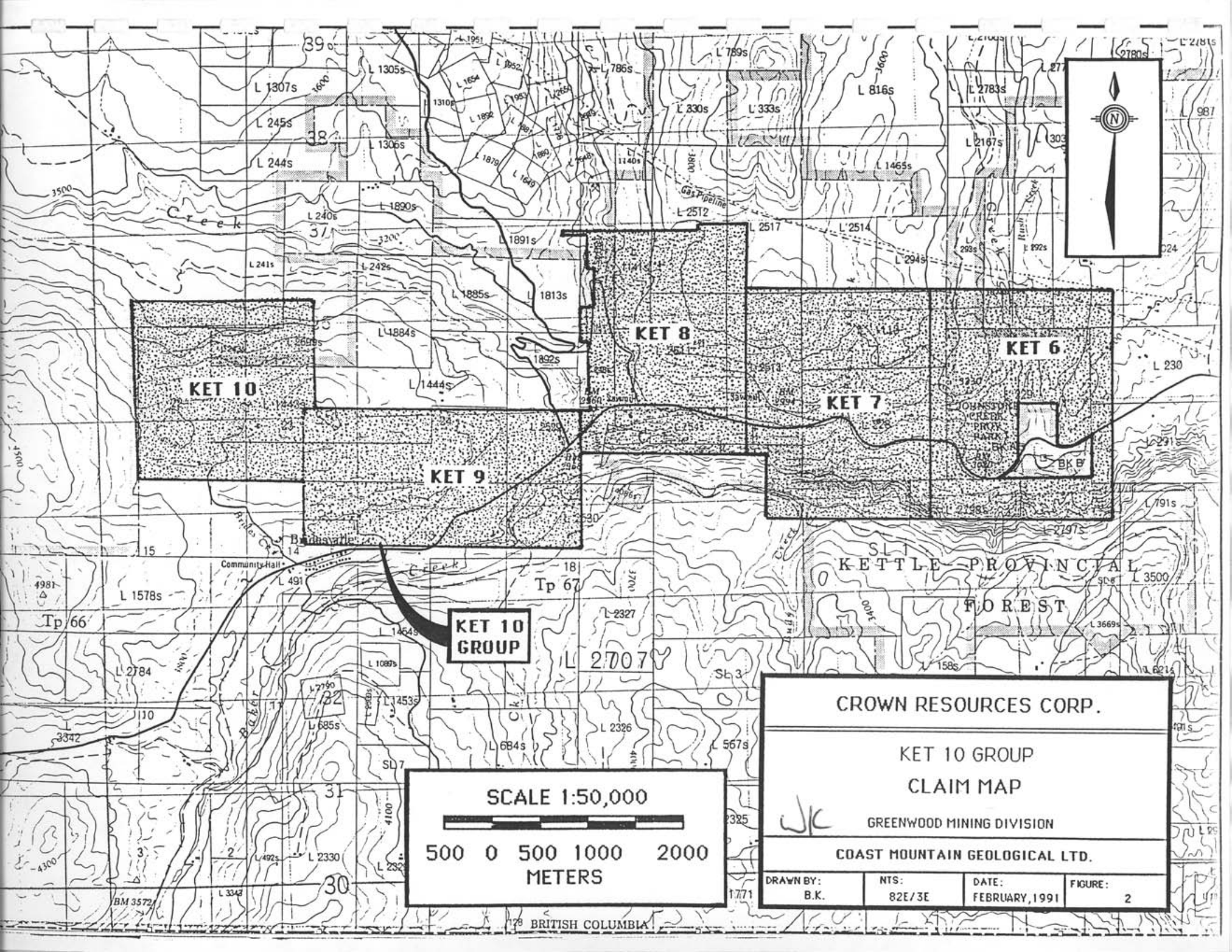
PROPERTY LOCATION MAP

WK

GREENWOOD MINING DIVISION

COAST MOUNTAIN GEOLOGICAL LTD.

DRAWN BY:	NTS:	DATE:	FIGURE:
B.K.	82E/3E	FEBRUARY, 1991	1


KET 10
KET 9
KET 8
KET 7
KET 6
KET 10 GROUP
SCALE 1:50,000
500 0 500 1000 2000
METERS
CROWN RESOURCES CORP.
KET 10 GROUP
CLAIM MAP
GREENWOOD MINING DIVISION
COAST MOUNTAIN GEOLOGICAL LTD.
DRAWN BY: B.K.
NTS: 82E/3E
DATE: FEBRUARY, 1991
FIGURE: 2
KETTLE PROVINCIAL FOREST
Gas Pipeline
Community Hall
BRITISH COLUMBIA

The climate is characterized by hot, dry summers and mild winters with little precipitation.

1.4 Property Description

The Ket 10 group is located within the Greenwood Mining Division of southern British Columbia and is comprised of four claims totalling 94 units, and covering approximately 2350 hectares (Figure 2).

Crownex Resources (Canada) Ltd., a subsidiary of Crown Resources Corp. of Denver, Colorado, is the registered owner of the claims. Table 1 summarizes the pertinent claim data.

TABLE 1: CLAIM STATUS KET 10 GROUP

Claim Name	Record Number	Units	Expiry Date*
Ket 6	215187	20	01/12/93
Ket 7	215188	20	01/12/93
Ket 8	215189	20	01/12/93
Ket 9	215190	18	01/12/93
Ket 10	215191	16	02/12/93
		Total:	94 units

* Pending acceptance of this report.

1.5 Property History

The area in the vicinity of the claim group has a record of exploration dating back to the turn of the century. Many trenches, shafts and adits were dug by independent prospectors, and most are without any record of work. The most significant work in the area were the placer deposits of Rock and McKinney Creeks and the mines

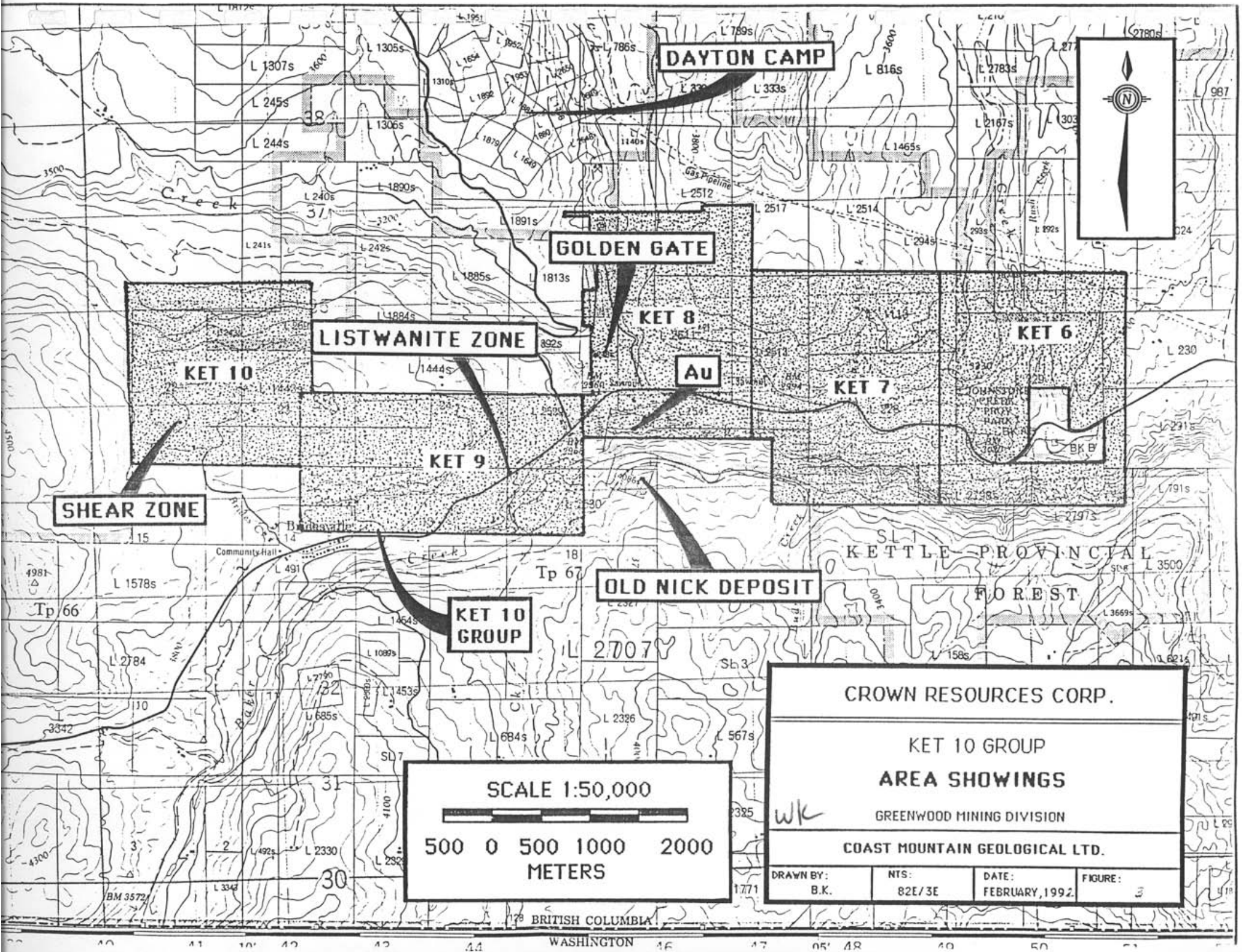
of Camp McKinney, located 11 kilometres north of the subject property, and worked from 1894 to 1962.

In the 1960's and 1970's, following the staking of a nickel showing, extensive exploration and drilling programs were conducted by Newmont Mines Corp., Nickel Ridge Mines Ltd. and Utica Mines Ltd., concentrating primarily on locating Cu-Ni deposits. The Old Nick deposit (Figure 3), as this showing is named, contained 100,000,000 tons grading 0.22% Ni, with a sub-economic extraction recovery of 56% (Miller, 1991). Later surveys in the area concentrated on attempting to locate and delineate potential vent areas in the Kettle River Volcanics as a possible site for mineralization.

In the late 1980's, exploration in the Buckhorn Mountain skarn system, to the south of the claims in Washington State, produced significant results.

In 1989 a regional airborne magnetometer and VLF-EM survey was conducted over the area by Terraquest Ltd. of Toronto, for Crown Resources Corp. of Colorado (Basil, 1990).

In general, very few prospects were noted while prospecting this claim group. The turn of the century Golden Gate (?) district may be just inside of the west edge of the Ket 8 claim where a weakly mineralized quartz vein has been prospected. Placer mining is evident in the Ket 8 claim along the Rock Creek drainage.


DAYTON CAMP
GOLDEN GATE
KET 8
KET 6
KET 7
KET 10
KET 9
LISTWANITE ZONE
Au
SHEAR ZONE
OLD NICK DEPOSIT
KET 10 GROUP
KETTLE PROVINCIAL FOREST
Gas Pipeline
Community Hall
BK B
BM 3572
BRITISH COLUMBIA
WASHINGTON
SCALE 1:50,000
500 0 500 1000 2000
METERS
CROWN RESOURCES CORP.
KET 10 GROUP
AREA SHOWINGS
WK
GREENWOOD MINING DIVISION
COAST MOUNTAIN GEOLOGICAL LTD.
DRAWN BY: B.K.
NTS: 82E/3E
DATE: FEBRUARY, 1992
FIGURE: 3

Prospects are found to the north in Dayton Camp, to the west on Anarchist Pass and to the south on Rock Mountain. With the exception of some very limited high grade tonnage shipped from Dayton Camp, production was not reported for any of the other prospects in the area, exclusive of the placer mining properties.

1.6 1991 Work Program

The 1991 field program was conducted during September and October. Initially, reconnaissance prospecting was carried out over most of the claim group to determine access, claim boundaries, rock types and alteration assemblages. Subsequent work was directed towards detailed prospecting, rock sampling and geological mapping of areas of interest determined during the initial phase of the program.

TABLE 2: PERSONNEL

D. Ridley.....Geological Technician/Prospector

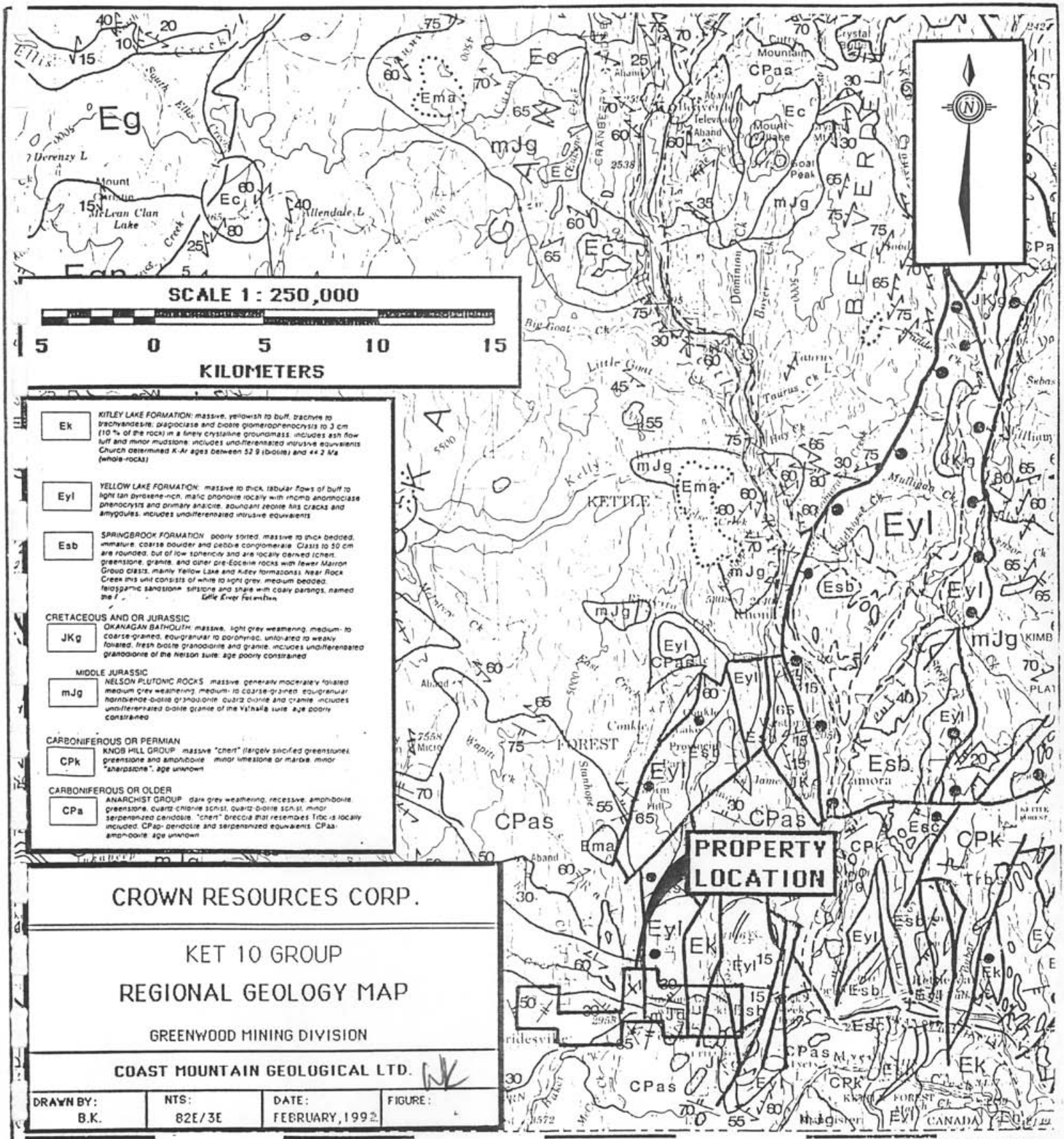
C. Ridley.....Geological Technician/Prospector

During the course of the present program, a total of 93 rock samples were collected and submitted to Chemex Labs., of Vancouver, B.C. (Figure 4). Sample descriptions and analytical results are presented in the appendices.

2.0 GEOLOGY and GEOCHEMISTRY

2.1 Regional Geology

The oldest rocks in the area are Carboniferous in age or older,


SCALE 1 : 250,000
5 0 5 10 15
KILOMETERS
Ek
KITLEY LAKE FORMATION: massive, yellowish to buff, trachyte to trachyandesite; plagioclase and biotite glomeroporphyritic 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 incipient anorthoclase phenocrysts and primary analcite; abundant zeolite lits cracks and amygdules; includes undifferentiated intrusive equivalents
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 lchert, greenstone, granite, and other pre-Eocene rocks with fewer Marron Group clasts, mainly Yellow Lake and Kitley formations) Near Rock Creek this unit consists of white to light grey, medium bedded, feldspathic sandstone, siltstone and shale with coaly partings, named the Little River Formation.
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
MIDDLE JURASSIC
mJg
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 Ya'haila suite; age poorly constrained
CARBONIFEROUS OR PERMIAN
CPk
KNOB HILL GROUP: massive "chert" (largely silicified greenstone), greenstone and amphibolite; minor limestone or marble; minor "sharpstone"; age unknown
CARBONIFEROUS OR OLDER
CPa
ANARCHIST GROUP: dark grey weathering, recessive, amphibolite, greenstone, quartz-chlorite schist, quartz-biotite schist, minor serpentinized peridotite, "chert" breccia that resembles Trbc is locally included. CPap- peridotite and serpentinized equivalents. CPaa- amphibolite; age unknown
PROPERTY LOCATION
CROWN RESOURCES CORP.
KET 10 GROUP
REGIONAL GEOLOGY MAP
GREENWOOD MINING DIVISION
COAST MOUNTAIN GEOLOGICAL LTD.
DRAWN BY: B.K.
NTS: 82E/3E
DATE: FEBRUARY, 1992
FIGURE:
49°00'
15'
119°00'
UNITED STATES OF AMERICA
CANADA

belonging to the Anarchist Group (Figure 3). They are comprised of amphibolite, greenstone, quartz-chlorite schist, quartz-biotite schist, and minor serpentinite. These rocks are intruded by Middle Jurassic age Nelson Plutonic rocks, which in turn are intruded and overlain by Tertiary and Eocene age rocks.

2.2 Property Geology

Traversing east to west across the Ket 10 group, from the Ket 6 to the Ket 10 claim, geology ranges from Tertiary age rocks on the east to Carboniferous in age to the west (Figure 4). Ket 6 and Ket 7 claim rocks consist of mainly coarse boulder and pebble conglomerate, dioritic (?) intrusive and rhom-porphyry. Similar geology on the Ket 8 claim is in contact with an altered biotite granodiorite of Jurassic (?) age. To the west, outcrops on the Ket 9 and Ket 10 claims are mainly Carboniferous age Anarchist Group rocks with highly foliated marble along the common boundary of the two claims. Foliated marble and associated rocks contain epidote and were investigated for additional contact skarn mineralogy. These rocks may belong to the Kobau Group, which is thought to be Carboniferous in age.

Rock outcroppings are best observed along drainage channels and in highway cuts, as most of the hillsides in this area are covered with glacial debris and cultivated for hay crops and pastures.

2.2.1 Prospecting Observations (Ridley, 1991)

Traverses in the southern portion of the Ket 7 claim were restricted to the north side of the Rock Creek valley. Additional prospecting of the south side of the valley in the extreme south of the Ket 6 and 7 claims is warranted.

The magnetic anomaly in the northwest corner of the Ket 7 and north-eastern portion of the Ket 8 claims was examined. The area was found to be underlain by a generally fine-grained diorite to gabbro in which magnetite was a main constituent of the rock. Outcrops were generally unaltered. Rock sampling failed to disclose any precious and/or base metal values.

The Golden Gate prospect (Figure 5), was found during the initial stage of the work program. The showings are located on the steep western face of the Jolly (Rock) Creek valley about 750 meters north of the eastern approach to the Rock Creek bridge on Highway 3 and about 85 feet above the creek. Access is via a road from the Jolly Creek campsite which follows the creek downstream about 1.1 kilometers to a pump-house. The showings are readily visible on the west side of the creek.

The showings consist of several trenches and one large open cut. Massive pyrrhotite-pyrite-chalcopyrite mineralization and quartz veins are hosted in highly fractured and altered diorite. The diorite is well stained with limonite and outcrops usually contain 2-5% disseminated pyrite and commonly carry abundant magnetite.

The altered diorite continues northward roughly following Rock Creek and is assumed to represent the trace of a major fault of regional significance. Downstream towards the bridge, quartzites and related metasediments are found in outcrop.

The best mineralization found in this area to date is in a large open cut immediately above the pump-house (Figure 5). The cut exposes a zone of semi-massive to massive sulphide consisting of pyrrhotite-pyrite-chalcopyrite and minor sphalerite-bismuth (?) which is 1.5 metres wide and trends 160/70°W. A chip sample across 1 meter of the zone as exposed in the floor of the open cut returned 470 ppb gold, 1.8 ppm silver, 7220 ppm copper, 1770 ppm zinc and 10 ppm bismuth (91KT8;D148R).

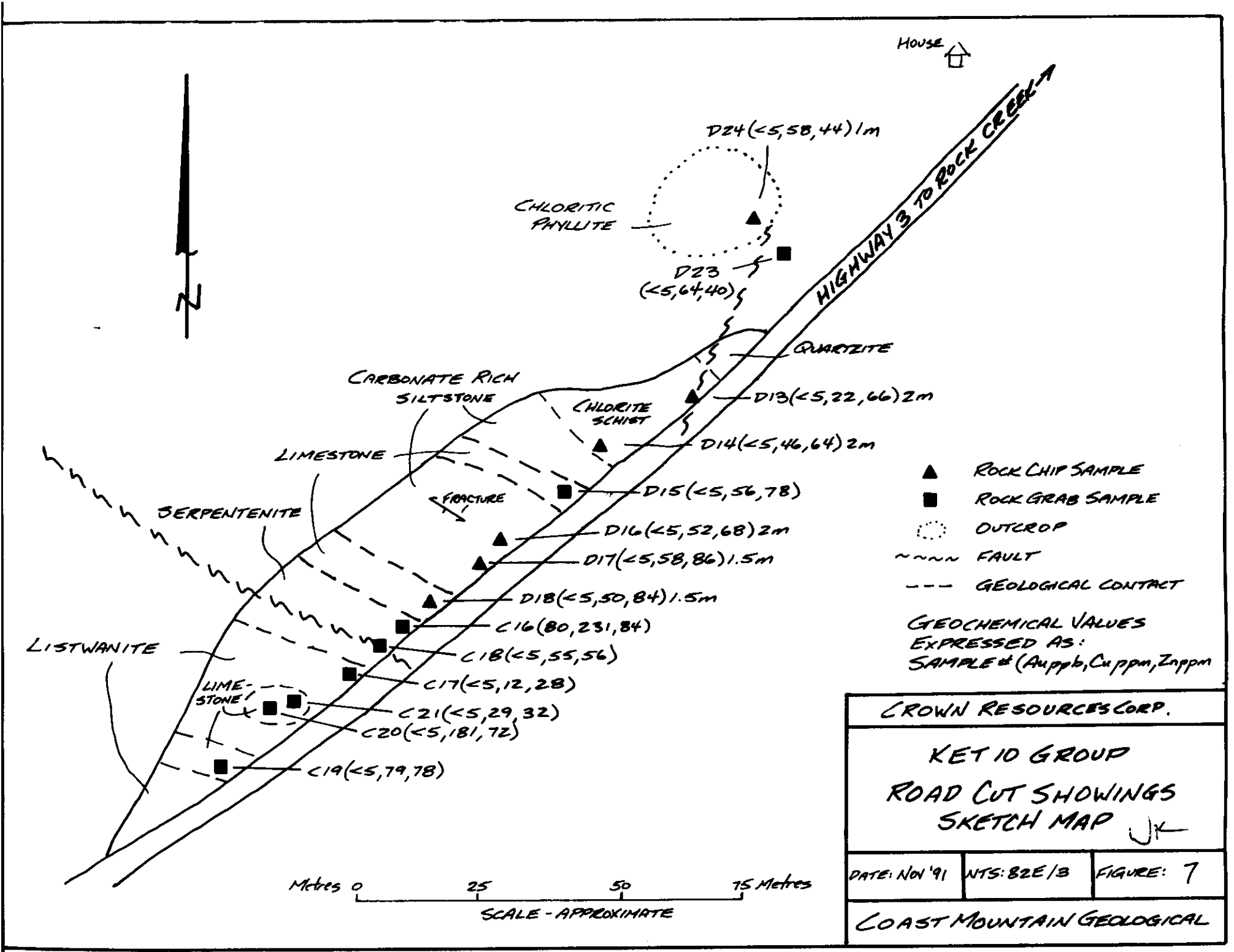
Milky-white limonite stained quartz veins are found to surround this showing and were prospected in the past by a series of trenches (Figure 5). The veins are almost completely devoid of sulphides and commonly exhibit an alteration zone along the contacts in which the diorite host has been replaced by massive muscovite mica. This selvage commonly extends for tens of centimetres into the diorite host. Only one vein was found to contain detectable gold at 85 ppb (91KT8;D153R).

Quartzites, black phyllites and related metasediments were found to outcrop in Rock Creek valley, south of the bridge, in the southern portion of the Ket 8 claim. Barite veinlets accompany pyrite

mineralization at sample site 91KT8:CR112R. A general trend of quartzite outcrops in the vicinity is 035/60SE. Anomalous concentrations of barium are found in many of the samples in this area. The significance of this relationship, if any, is not known at this time.

Sandstone or siltstone float and poorly-exposed subcrop was encountered about 400 meters west of sample CR112R. The rock contains up to 3% fine-grained disseminated pyrite and magnetite and returned up to 160 ppb gold, 350 ppm arsenic, 619 ppm chromium, 1735 ppm nickel, and >15.00% magnesium (91KT8;CR111R). This area is close to the Old Nick prospect and near the apparent northerly extension of the mineralized structure drilled by Crown in 1990. Further work is required in this area to determine the true significance of these samples.

Detailed rock chip sampling was conducted along a road cut (Figure 6), exposed for about 40 meters along the north side of Highway 3 approximately 700 meters southwest of the Rock Creek bridge on the Ket 9 claim. The rock grades north to south from chloritic phyllite, quartzite, carbonate-rich siltstone, limestone, serpentinite, and listwanite, and contains breccia-like clasts of limestone and metasediments. The entire road cut is generally well mineralized with 1-2% disseminated pyrite and minor magnetite. Quartz-carbonate stockwork style veinlets are common and carry pyrite, pyrrhotite and rarely chalcopyrite. Epidote-chlorite


HOUSE
HIGHWAY 3 TO ROCK CREEK
D24(<5,58,44)1m
CHLORITIC PHYLLITE
D23 (<5,64,40)
QUARTZITE
D13(<5,22,66)2m
CARBONATE RICH SILTSTONE
CHLORITE SCHIST
D14(<5,46,64)2m
LIMESTONE
D15(<5,56,78)
FRACTURE
SERPENTENITE
D16(<5,52,68)2m
D17(<5,58,86)1.5m
D18(<5,50,84)1.5m
C16(80,231,84)
LISTWANITE
C18(<5,55,56)
C17(<5,12,28)
LIME-STONE
C21(<5,29,32)
C20(<5,181,72)
C19(<5,79,78)
N
ROCK CHIP SAMPLE
ROCK GRAB SAMPLE
OUTCROP
FAULT
GEOLOGICAL CONTACT
GEOCHEMICAL VALUES EXPRESSED AS: SAMPLE# (Auppb, Cuppm, Znppm
Metres 0 25 50 75 Metres
SCALE - APPROXIMATE
CROWN RESOURCES CORP.
KET 10 GROUP
ROAD CUT SHOWINGS
SKETCH MAP
JK
DATE: NOV '91
NTS: 82E/3
FIGURE: 7
COAST MOUNTAIN GEOLOGICAL

alteration overprints the entire exposure.

The southern end of the cut is a mixture of serpentinite, limestone, and mariposite bearing carbonate-rich alteration (listwanite ?). A sample from near the contact or transition zone between the metasediments and serpentinite returned detectable gold of 80 ppb (91KT9;CR16R). No other gold values were obtained at this exposure.

A zone of listwanite alteration outcrops about 800 meters west and is roughly coincident with the apparent strike of the road cut structure. Mariposite and related green micas constitute up to 30% of the rock by volume. Milky-white, bull quartz veins are common and were explored by means of several trenches in the early days. A sample from the dump returned 70 ppb gold (91KT9;CR26R). The entire area is well mineralized with 3-5% pyrite and occasional chalcopyrite. The outcrops are characterized by low, lumpy exposures which are readily weathered and covered by overburden. The zone is believed to continue westward passing just north of the town of Bridesville and possibly continuing on up and over the Anarchist summit. It is interesting to note the fact that anomalous gold values in soil samples were found on the Ana 3 claim some 6 kilometers westerly and may be related to the assumed extension of the listwanite structure.

A serpentinized fault zone, separating conglomerate to the west and

greenstone to the east, was sampled in upper Bride's Creek on the Ket 10 claim. It contained highly anomalous nickel, chromium, and bismuth (91KT10;CR25R). No gold was detected in this area.

A pyritic-siliceous shear zone was found in an old trench on top of the hill about 350 meters west of Bride's Creek. The zone trends 160/60°W and contains up to 10% pyrite in a siliceous, cherty shear 50 centimetres wide. A sample of dump material returned 70 ppb gold (91KT10;CR26R). Quartzites and boulder conglomerate outcrop sporadically over the hilltop.

2.3 Structure

Iron oxide argillic shears were noted in the south west corner and also to the west of the Ket 8 claim. Additional flat (?) argillic shears were noted at the base of the conglomerate north of Ket 8 in the Jolly-Rock Creek drainage. Anarchist (?) rocks in Ket 8 and Ket 9 tend to show foliation that strikes northwest and dips northeast.

2.4 Mineralization and Associated Alteration

Pyrite with quartz veinlets and/or in argillic shears were common, as are pyrrhotite and/or disseminated magnetite in epidote and calcite rich greenstones. Pyrite, calcite, chlorite, serpentine and quartz in propylitic altered granodiorite (?) is observable in Ket 8. Traces of molybdenum in quartz veins was noted between the Ket 8 claim and Dayton Camp.

2.5 Geochemistry

A total of 93 rocks samples were collected from the property in 1991. The samples were shipped to Chemex Labs Ltd. in Vancouver, B.C. for analysis. Contamination in the lab resulted in erroneous results for some of the samples. Subsequent resampling of the sites in question was conducted to provide correct results.

TABLE 3: ANOMALOUS ROCK GEOCHEMISTRY

Sample	Rock Type	Mineralization	Geochemistry
CR16	serpentine	po, py	80 ppb Au, 231 ppm Cu
CR26	shear zone	10% py	70 ppb Au, 178 ppm Cu
CR110	sandstone	mag, py 10%	160 ppb Au
CR111	"	py	140 ppb Au
D21	listwanite		25 ppb Au
		Golden Gate Showings	
D06	metasediments	py, po, cp	**990 ppb Au, >10,000 ppm Cu 4.4 ppm Ag, 3730 ppm Zn**
D148	resample of D06	"	845 ppb Au, >10,000 ppm Cu 4.2 ppm Ag, **3250 ppm Zn**
D149	diorite	10% po, (mal)	105 ppb Au, 5070 ppm Cu, 1090 ppm Zn

The highest gold value found during the 1991 prospecting program was sample D06, a grab sample from the Golden Gate trench (Figure 5). Sample D148, a detailed 1 metre rock chip across the same site as D06 duplicated the original results. Gold values beyond the trench area were only slightly above the detection limit and no anomalous concentrations of base metals were found in this section of Rock Creek.

Anomalous gold was found in serpentinized quartzite (?) forming low, well-weathered and eroded outcrops on the north side of Rock

Creek in the southern portion of the Ket 8 claim (91KT8,CR110R and CR111R). Sampling returned the following values: 160 ppb gold, 350 ppm arsenic, 619 ppm chromium, 1735 ppm nickel and >15.00% magnesium. It is interesting to note that the Old Nick prospect discussed previously lies a short distance south on the northern-facing slope of Rock Creek canyon. This large sulphide body is hosted in quartzite and contains extensive mariposite alteration.

Barium anomalies tend to coincide with the postulated west/southwest trending fault zone and are related to detectable gold anomalies in the Rock Creek valley and through the southern portion of the Ket 9 claim. This zone contains abundant mariposite in the D21R sample site area and may be related to mineralization at the Old Nick prospect as evidenced by minor nickel-chromium enrichment.

Minor gold enrichment in a pyritic-siliceous shear zone on the Ket 10 claim was found (91KT10 and CR26R). Additional reconnaissance of this area may uncover better mineralization in the quartzite-conglomerate-greenstone package.

No significant precious and/or base metal mineralization or geochemical anomalies were found in the thick package of diorite and conglomerate overlying much of the Ket 6 and 7 claims.

3.0 DISCUSSION

While highly anomalous gold-copper-zinc anomalies were encountered at the Golden Gate showings, the mineralization appears to be related to a narrow shear zone and consequently of limited extent. The possibility of more substantial mineralization in the area exists in light of extensive fracturing and subsequent alteration throughout the Jolly (Rock) Creek area. In addition, Dayton Camp, which lies approximately 3 kilometers up Jolly Creek, contains precious metal enriched skarn mineralization which saw limited production in the early 1900's.

Past work by Crown Resources on the RM Group adjoining the southern portion of the Ket 8 and 9 claims, returned a drill intercept of 20 feet grading 0.26 ounces/ton (Miller and Kushner, 1991). The target was thought to be fault related and may possibly project onto the Ket 10 Group. Anomalous gold values obtained on the north side of Rock Creek below the bridge may be related to this structure. Further detailed prospecting and sampling is needed for this area.

The listwanite (?) structure which passes through the southern portion of the Ket 9 claim may be related to mineralization at the Old Nick showings and may possibly be related to mineralization at the Anarchist Chrome trenches and other various workings in this area. It is postulated this fault provided a pathway for the nickel-chrome related mineralization.

Work by Coast Mountain crews on Crown's Ana 3 claim approximately 6 kilometers to the west, indicated highly anomalous gold in soil samples near the postulated western projection of this structure. The true significance of this relationship is unknown at present but serves as a possible future prospecting model. Tracing the structure on surface with any degree of certainty is problematic due to the cover of overburden. The airborne VLF survey performed in 1989 indicate a conductive axis roughly coincidental with the hypothetical structure (Basil, 1990).

4.0 RECOMMENDATIONS

Four areas were found during the 1991 program to contain anomalous gold values:

a) the listwanite bearing fault on the southern portion of the Ket 9 claim.

b) the sedimentary unit in the Rock creek valley on the southern portion of the Ket 8 claim.

c) the pyritic-siliceous shear zone on the south-central portion of the Ket 10 claim.

d) the Golden Gate prospect on the west-central portion of the Ket 8 claim.

Additional work on the Ket 10 Group is recommended in the form of:

i) Detailed rock chip sampling of the extensive exposures of highly fractured and variably altered intrusive outcrops along Canyon road north of the Golden Gate area, coupled with a soil

geochemistry and magnetometer/VLF-EM survey over the known showings and their possible extension.

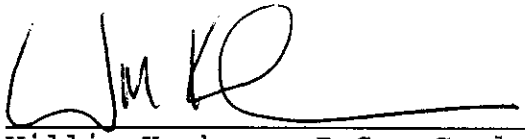
ii) Reconnaissance prospecting followed by detailed rock and soil sampling and magnetometer/VLF-EM surveys in the CR110-111R area of the Ket 8 claim directed towards locating drill targets.

iii) Prospecting and soil sampling along the assumed trace of the listwanite structure on the Ket 9 in order to determine whether any economic concentrations of precious and/or base metals are associated with this structure.

iv) Reconnaissance prospecting of the Ket 10 claim to search for additional mineralized or altered sections as well as to assess the potential of the Cobo copper-nickel mineralized zone (BCMEMPR Asses. Rpt #2491 and 3079).

v) Reconnaissance prospecting of the southwest corner of the Ket 7.

Sincerely submitted,



Willie Kushner, B.Sc. Geology
Coast Mountain Geological Ltd.

APPENDIX A

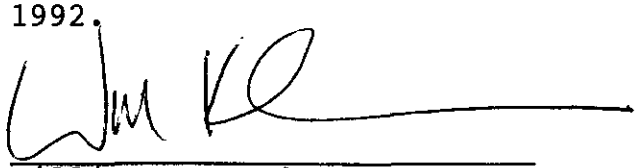
STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, WILLIAM R. KUSHNER, of P.O. Box 1, Station 'A', Vancouver, in the Province of British Columbia, DO HEREBY CERTIFY:

1. THAT I am a Geologist in the employment of Coast Mountain Geological Ltd. with offices at 1410-650 West Georgia Street, Vancouver, British Columbia.
2. THAT I am a graduate from the University of Alberta with a bachelor of Science degree in Geology (1987).
3. THAT my primary employment since graduation has been in the field of mineral exploration.
4. THAT this report is based on field work conducted by Coast Mountain Geological Ltd. on the Ket 10 Group property during September and October, 1991, and on information from government publications and reports filed with the Government of British Columbia.
5. THAT I did not work on the subject property.
6. THAT I do not own or expect to receive any interest in the property described herein, nor in any securities of any company rendered in the preparation of this report.

DATED at Vancouver, British Columbia, this 17th day of February, 1992.



William R. Kushner, B.Sc.
Geologist

APPENDIX B

STATEMENT OF EXPENDITURES

STATEMENT OF EXPENDITURES

PERSONNEL		
Geological Technicians:		
D. Ridley, 10 days @ $240.00/day		2400.00
C. Ridley, 10 days @ $225.00/day		2250.00
VEHICLE		
Truck Rental: 10 days @ $35/day		350.00
Mileage: 300 kms. @ $0.35/km		105.00
SAMPLE ANALYSIS		
93 rocks @ $15.00/sample		1395.00
ROOM and BOARD		
10 crew days @ $80/day (all inclusive)		800.00
EXPENSES		
Communications		35.14
Field Expendables		45.00
MOB/DEMOB		380.00
REPORT PREPARATION and PRODUCTION		700.00
	Subtotal	**8435.14**
13.5% MANAGEMENT FEE		1138.74
7% GST		670.17
TOTAL COSTS		10,244.05

APPENDIX C

REFERENCES

REFERENCES

Basil, Chris, 1990. Airborne Magnetic and VLF-EM Survey Report on the Ket 1-22 and Ket 24-32 Mineral Claims, Assessment Report for Crown Resources Corp.

Geological Survey of Canada, Map 15-1961, Kettle River, British Columbia, Sheet 82E West Half Scale 1:253,440.

Miller, B. and W. Kushner, 1991. 1990 Summary report on the Homestake and Daisy Fraction Claims, Assessment Report for Crown Resources Corp.

Ridley, D., 1991. Summary of 1991 Field work on the Ket 10 Group, Private Report for Coast Mountain Geological Ltd.

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

APPENDIX D

CERTIFICATE OF ANALYSIS
and
ANALYTICAL PROCEDURES

SOIL SAMPLING and PREPARATION

The soil grid was measured using hip chains and topo-fill thread. It was not slope corrected. A mattock was used to dig a hole in the soil at each station; soil samples were taken from the 'B' soil horizon, approximately 10 - 15 centimetres deep, unless stated otherwise. The samples were collected in kraft gusseted paper bags and sent to Chemex Labs Ltd. of North Vancouver, B.C., for analysis. At Chemex, the samples were oven dried at 60°C and sieved to minus 80 mesh.

ROCK SAMPLING and PREPARATION

Rock samples were taken from bedrock, except in cases where the sample is identified as a float sample. The rock chips were collected in plastic bags and also sent to Chemex Labs, where they were crushed to 3/16 of an inch. A 250 gram speciman was split out and pulverized to 99% minus 100 mesh using a ring mill pulverizer.

ICP ANALYSIS

A 0.50 gram sample of the prepared pulp is digested with 3 millilitres of 3:1:2 HCl-HNO3-H2O at 95°C for one hour, diluted to 10 millilitres with water, and then analyzed for 30 elements.

GOLD ANALYSIS (Fire Geochem)

10 grams of pulp is ignited at 600°C for 4 hours and fused with F.A. flux. The dore bead is dissolved in aqua regia and analyzed by ICP.

GOLD ANALYSIS (AA)

A 10 gram sample is ignited at 600°C for 4 hours and digested with aqua regia at 95°C on the water bath for one hour. 50 millilitres aliquote is extracted into 10 millilitres of MIBK and analyzed by graphite furnace AA.

`QUICK-SUMMARY' COMPILATION

of 12 ELEMENTS for

ROCK CHIP ASSAYS

KET 10 GROUP SAMPLE ANALYSIS RESULTS

	Au	Ag	As	Ba	Bi	Ca	Cr	Cu	Fe	Pb	W	Zn
91KT8;D03R:	<5	<0.2	40	<10	<2	0.05%	201	29	1.39%	<2	<10	6
91KT8;D04R:	<5	0.2	25	10	<2	0.13%	258	13	0.79%	4	<10	8
91KT8;D05R:	<5	<0.2	20	120	2	0.50%	223	14	1.76%	8	<10	32
91KT8;D06R:	990	4.4	<5	10	20	0.09%	179	>10000	5.08%	2	<10	3730
91KT8;D07R:	<5	<0.2	<5	40	5	0.06%	28	6830	5.57%	<2	<10	3950
91KT8;D08R:	<5	<0.2	<5	20	2	1.20%	179	104	2.09%	<2	<10	46
91KT8;D09R:	<5	<0.2	<5	10	2	0.24%	109	223	3.71%	<2	<10	124
91KT8;D10R:	<5	<0.2	15	50	<2	0.16%	143	269	3.86%	<2	<10	46
91KT8;D11R:	<5	<0.2	5	10	<2	0.04%	256	47	1.20%	2	<10	30
91KT9;D13R:	<5	0.2	<5	170	<2	10.70%	115	22	3.98%	6	30	66
91KT9;D14R:	<5	0.4	<5	330	<2	2.68%	71	46	4.46%	4	40	64
91KT9;D15R:	<5	0.6	<5	1360	<2	5.47%	56	56	5.95%	8	60	78
91KT9;D16R:	<5	0.4	<5	420	2	3.18%	285	52	4.36%	4	30	68
91KT9;D17R:	<5	0.6	<5	300	<2	1.54%	48	58	5.45%	2	50	86
91KT9;D18R:	<5	0.4	<5	310	<2	3.85%	166	50	4.92%	12	50	84
91KT9;D19R:	50	0.4	<5	570	2	1.00%	70	97	4.78%	30	40	58
91KT9;D20R:	<5	0.2	80	380	<2	10.05%	288	21	2.83%	4	20	26
91KT9;D21R:	25	1.0	120	30	<2	6.38%	186	2	2.59%	8	20	24
91KT9;D22R:	<5	<0.2	140	10	6	4.60%	1150	8	3.15%	16	40	30
91KT9;D23R:	<5	0.4	<5	110	<2	5.17%	276	64	3.69%	2	30	40
91KT9;D24R:	<5	0.4	<5	90	<2	2.44%	349	58	3.15%	6	20	44
91KT8;D25R:	<5	<0.2	25	310	<2	1.70%	39	72	3.98%	28	<10	112
91KT7;D26R:	<5	0.2	5	340	<2	1.65%	39	94	4.10%	36	<10	134
91KT10D27R:	<5	<0.2	30	20	4	2.36%	1635	31	3.65%	<2	20	18
91KT10D28R:	<5	<0.2	<5	120	<2	1.88%	97	234	13.40%	<2	<10	104
91KT10D29R:	<5	<0.2	5	140	<2	4.82%	81	57	1.76%	2	<10	20
91KT6;D30R:	820	1.8	30	60	<2	>15.00%	27	89	1.29%	108	10	122
91KT6;D76R:	<5	0.2	<5	40	<2	>15.00%	72	29	0.77%	10	10	12
91KT7D119R:	<5	<0.2	<5	130	2	1.27%	66	38	4.18%	<2	<10	66
91KT8D146R:	<5	<0.2	10	10	6	0.15%	182	3730	4.48%	4	<10	998
91KT8D147R:	845	4.2	<5	<10	20	0.09%	144	>10000	4.95%	2	<50	3250
91KT8D148R:	470	1.8	<5	10	8	0.14%	70	7220	3.27%	10	<10	1770
91KT8D149R:	105	1.6	5	40	10	0.13%	100	5070	4.23%	4	<10	1090
91KT8D150R:	35	<0.2	<5	20	2	0.64%	53	387	4.95%	2	<10	62
91KT8D151R:	15	<0.2	5	10	<2	0.28%	139	162	4.26%	4	<10	94
91KT8D152R:	10	<0.2	10	<10	<2	0.12%	50	148	4.24%	4	<10	52
91KT8D153R:	85	<0.2	60	10	2	0.03%	203	17	2.10%	10	<10	8
91KT8D154R:	15	<0.2	<5	10	<2	0.73%	38	48	7.18%	<2	<10	46
91KT8D155R:	10	<0.2	<5	40	4	0.66%	75	102	6.14%	2	<10	74
91KT8D156R:	<5	<0.2	<5	230	<2	0.91%	179	205	3.50%	<2	<10	40
91KT8D157R:	<5	<0.2	5	250	<2	1.54%	102	71	4.23%	<2	<10	50
91KT8D158R:	<5	0.2	55	80	2	0.48%	117	33	1.65%	8	<10	62
91KT8D159R:	10	0.4	10	210	<2	0.52%	201	254	8.07%	<2	<10	150
91KT8D160R:	<5	<0.2	15	60	<2	0.19%	136	77	3.80%	<2	<10	70

	Au	Ag	As	Ba	Bi	Ca	Cr	Cu	Fe	Pb	W	Zn
91KT8;C09R:	<5	<0.2	10	70	<2	2.02%	173	62	4.76%	<2	<10	68
91KT8;C10R:	<5	<0.2	40	50	<2	0.70%	66	148	7.16%	<2	<10	80
91KT8;C11R:	<5	<0.2	<5	30	<2	0.56%	76	76	4.83%	<2	<10	32
91KT8;C12R:	<5	<0.2	<5	10	<2	0.21%	19	112	8.16%	<2	<10	42
91KT8;C13R:	<5	<0.2	<5	40	<2	1.12%	53	173	5.22%	<2	<10	50
91KT8;C14R:	<5	<0.2	<5	50	<2	0.37%	26	52	4.19%	<2	<10	16
91KT9;C16R:	80	<0.2	<5	90	4	3.56%	97	231	6.83%	<2	<10	84
91KT9;C17R:	<5	<0.2	80	20	<2	11.00%	821	12	2.97%	2	20	28
91KT9;C18R:	<5	<0.2	20	1140	<2	8.52%	285	55	4.55%	2	10	56
91KT9;C19R:	<5	0.4	<5	230	<2	4.39%	220	79	3.73%	8	30	78
91KT9;C20R:	<5	0.6	<5	630	<2	4.65%	243	181	4.46%	8	40	72
91KT9;C21R:	<5	0.2	<5	120	<2	2.60%	267	29	1.81%	2	10	32
91KT9;C22R:	<5	<0.2	110	20	<2	3.39%	724	2	2.44%	8	20	28
91KT9;C23R:	<5	0.6	5	210	<2	0.65%	21	25	3.10%	44	20	88
91KT9;C24R:	<5	0.6	<5	330	<2	1.24%	32	30	3.02%	44	20	94
91KT10C25R:	<5	<0.2	<5	<10	82	1.54%	908	17	3.65%	8	40	24
91KT10C26R:	70	1.0	<5	140	<2	0.04%	276	178	2.05%	4	10	2
91KT10C27R:	<5	0.2	<5	470	<2	0.65%	312	156	2.97%	6	<10	50
91KT6;C28R:	890	0.2	15	1070	<2	1.39%	19	76	3.41%	60	<10	52
91KT6;C52R:	<5	0.2	<5	1040	<2	1.40%	30	49	3.06%	34	<10	48
91KT6;C53R:	<5	<0.2	20	30	<2	2.59%	749	59	5.24%	<2	<10	42
91KT9C102R:	<5	<0.2	10	510	<2	1.33%	119	56	3.60%	<2	<10	62
91KT9C103R:	<5	<0.2	<5	690	4	0.99%	156	121	3.89%	<2	<10	68
91KT9C104R:	<5	0.4	<5	250	2	1.37%	425	65	1.20%	10	<10	162
91KT9C105R:	<5	0.8	<5	460	<2	0.27%	410	118	1.45%	8	<10	390
91KT9C106R:	<5	<0.2	40	80	<2	7.98%	237	54	5.43%	2	10	64
91KT8C107R:	<5	<0.2	<5	790	<2	1.71%	37	16	6.65%	<2	<10	124
91KT8C108R:	<5	<0.2	5	360	2	1.31%	141	84	4.84%	2	<10	74
91KT8C109R:	<5	<0.2	<5	190	4	2.73%	120	74	2.58%	<2	<10	32
91KT8C110R:	160	<0.2	350	20	6	1.46%	619	8	4.39%	<2	30	38
91KT8C111R:	140	<0.2	355	20	2	1.49%	525	7	4.48%	14	30	38
91KT8C112R:	<5	<0.2	10	2340	<2	0.42%	297	54	1.96%	8	<10	56
91KT8C113R:	<5	<0.2	10	920	<2	7.76%	144	86	3.56%	<2	<10	42
91KT8C114R:	<5	<0.2	<5	970	<2	0.53%	262	63	5.54%	10	<10	78
91KT8C115R:	<5	<0.2	<5	510	<2	0.97%	29	30	4.29%	8	<10	86
91KT7C116R:	<5	<0.2	<5	40	6	2.85%	396	4	4.83%	<2	<10	12
91KT7C117R:	<5	<0.2	<5	40	<2	2.58%	44	39	4.20%	2	<10	70
91KT7C118R:	<5	<0.2	<5	130	<2	0.72%	47	48	4.12%	4	<10	64
91KT7C119R:	<5	<0.2	5	100	2	1.93%	58	33	3.48%	4	<10	56
91KT7C120R:	<5	<0.2	5	110	6	1.20%	47	34	3.87%	12	<10	62
91KT7C121R:	<5	<0.2	5	140	<2	1.58%	39	8	4.69%	<2	<10	78
91KT7C122R:	<5	<0.2	<5	220	2	1.91%	47	13	4.47%	<2	<10	76
91KT7C123R:	<5	<0.2	<5	250	<2	0.67%	49	5	1.61%	8	<10	46
91KT9C124R:	<5	<0.2	5	290	2	1.02%	63	48	2.80%	<2	<10	50
91KT9C125R:	<5	<0.2	5	360	6	0.77%	115	191	4.45%	2	<10	78
91KT9C126R:	<5	<0.2	<5	1100	<2	0.37%	63	62	5.14%	6	<10	80
91KT9C127R:	<5	<0.2	<5	70	2	0.94%	86	9	1.48%	2	<10	30
91KT9C128R:	<5	<0.2	<5	200	4	1.74%	110	115	4.10%	2	<10	58

Analytical Chemists Geochemists Registered Assayers

North Vancouver, B.C.
Canada V7J 2C1
Phone: (604) 984-0221
Telex: 04-352597
Fax: (604) 984-0218

October 20, 1991

Mr. R. Miller
Crown Resource Corporation
Seventeenth Street Plaza
1225 17th Street, Suite 1500
Denver, Colorado 80202
U.S.A.

Dear Bob:

Enclosed is the corrected Certificate of Analysis A9121763 with corrected values for gold. We are again sorry for the erroneous results first reported for gold on this certificate and the subsequent delay it caused your drilling program.

It appears we picked up some contamination from a mineralized set sent through the geochem prep circuit. Although we take every precaution to minimize contamination by having separate circuits for trace and ore grade samples, occasionally a client will mark that the samples are trace when in fact they should be going through the assay circuit. We do clean the circuits after every client batch but in this case some cross contamination occurred.

Also enclosed is a copy of A9122527, the 5 samples that pointed out to you that something was amiss. These are the samples that were taken from the same vicinity as the hole 27 samples on A9121763 but results were all less than the detection limit. We went back to reject and took resplits for the 6 samples from hole 27. Results on A9122670 confirm the less than values obtained initially on A9121763. We reran all 27 samples from resplits on A9122752 and results showed all less than values except for 7 samples (45, 20, 55, 35, 55, 25, 35). Checks were done on these 7 samples and results agreed. All the hole 27 data again ran less than 5.

Copies of all these Certificates of Analysis are enclosed and there is, as we discussed, no charge. Please accept our sincere apologies for this problem, we understand it was particularly frustrating because the initial results worked out according to the skarn geology.

Sincerely,

Donna M. Baylis
Manager Client Services

cc: Chris Herald
J. Shannon
M. Sawiuk

Chemex Labs Ltd.

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

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

contaminated samples

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

Certificate Date: 20-SEP-91
Invoice No. : 19121763
P.O. Number :

CERTIFICATE OF ANALYSIS A9121763

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
91KT6CR28R	205	294	890	0.2	4.57	15	1070	1.5	< 2	1.39	< 0.5	10	19	76	3.41	20	< 1	0.81	200	0.86	415
91KT14CR27R	205	294	130	0.4	1.24	< 5	130	< 0.5	< 2	0.27	< 0.5	3	21	105	2.59	< 10	< 1	0.65	< 10	0.74	365
91KT18CR31R	205	294	10	0.2	2.88	10	320	1.5	< 2	1.54	< 0.5	14	52	72	3.80	20	< 1	1.08	180	1.36	415
91KT27CR29R	205	294	80	< 0.2	3.38	< 5	240	< 0.5	< 2	3.57	0.5	29	79	161	7.03	< 10	< 1	0.15	10	2.22	950
91KT27CR30R	205	294	1130	< 0.2	3.03	20	610	< 0.5	< 2	4.05	0.5	30	79	118	6.29	< 10	2	0.05	10	2.59	990
91KT30CR32R	205	294	65	0.8	0.36	5	20	< 0.5	< 2	0.17	>100.0	20	9	2310	>15.00	< 10	< 1	0.16	< 10	0.05	90
91KT30CR33R	205	294	35	< 0.2	0.52	15	30	< 0.5	< 2	0.19	83.5	5	15	1075	>15.00	< 10	< 1	0.18	< 10	0.15	115
91KT30CR34R	205	294	30	< 0.2	0.63	< 5	30	< 0.5	6	0.16	9.5	5	11	1155	>15.00	< 10	< 1	0.17	< 10	0.21	125
91KT30CR35R	205	294	< 5	< 0.2	6.02	< 5	80	< 0.5	< 2	0.46	1.5	14	39	89	8.47	< 10	< 1	0.09	< 10	5.28	1060
91KT30CR36R	205	294	1500	5.8	6.36	90	20	< 0.5	< 2	0.10	< 0.5	30	197	1035	>15.00	< 10	< 1	0.03	< 10	5.47	1450
91KT6D30R	205	294	820	1.8	0.44	30	60	< 0.5	< 2	>15.00	0.5	3	27	89	1.29	30	2	0.07	20	0.30	405
91KT18D35R	205	294	600	1.0	1.11	20	80	< 0.5	< 2	0.44	< 0.5	8	8	86	2.07	< 10	< 1	0.16	< 10	0.59	275
91KT27D31R	205	294	340	0.2	2.18	20	160	< 0.5	2	6.7	0.5	19	285	37	3.06	10	< 1	0.21	10	4.42	655
91KT27D32R	205	294	2180	1.2	2.31	60	120	< 0.5	< 2	7.8	2.0	33	355	132	7.24	20	< 1	0.21	20	1.45	745
91KT27D33R	205	294	345	0.4	3.25	25	110	< 0.5	< 2	7.85	1.5	30	161	81	6.60	10	< 1	0.15	10	2.56	900
91KT27D34R	205	294	310	< 0.2	0.28	15	50	< 0.5	< 2	4.83	< 0.5	107	400	40	4.52	10	< 1	< 0.01	< 10	4.23	835
91KT30D36R	205	294	50	0.6	2.32	20	50	< 0.5	4	0.17	1.0	15	47	55	8.45	< 10	< 1	0.26	< 10	1.76	1240
91KT30D37R	205	294	60	< 0.2	0.72	60	20	< 0.5	< 2	0.14	>100.0	109	73	274	>15.00	< 10	5	0.12	< 10	0.41	425
91KT30D38R	205	294	100	< 0.2	0.53	5	30	< 0.5	12	0.19	>100.0	14	16	1475	>15.00	< 10	3	0.16	< 10	0.19	160
91KT30D39R	205	294	55	0.2	1.91	20	10	< 0.5	14	0.20	>100.0	24	11	2030	14.70	< 10	1	0.02	< 10	1.36	705
91KT30D40R	205	294	55	< 0.2	3.25	35	90	< 0.5	< 2	2.05	3.0	30	38	70	6.79	< 10	2	0.44	< 10	2.11	1380
91KT30D41R	205	294	25	< 0.2	3.90	< 5	210	< 0.5	< 2	4.51	1.0	30	159	97	5.36	< 10	< 1	0.45	< 10	3.04	795
91KT30D42R	205	294	290	0.2	0.50	10	30	< 0.5	< 2	0.36	3.0	2	14	107	1.75	< 10	< 1	0.14	< 10	0.22	370
91KT30D43R	205	294	30	< 0.2	3.84	30	30	< 0.5	2	0.04	0.5	63	144	327	>15.00	< 10	< 1	0.09	< 10	3.27	680
91KT30D44R	205	294	550	< 0.2	4.02	20	80	< 0.5	< 2	3.86	0.5	25	83	115	5.54	10	1	0.07	< 10	4.39	1720

CERTIFICATION: B. Caplin

Chemex Labs Ltd.

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

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

Page [illegible]
Total Pages : 1
Certificate Date: 20-SEP-91
Invoice No. : 19121763
P.O. Number :

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

CERTIFICATE OF ANALYSIS A9121763

SAMPLE DESCRIPTION	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
91KT6CR28R	205	294	3	2.34	12	2650	60	< 5	1	1760	0.21	< 10	< 10	80	< 10	52
[illegible]																
91KT18CR31R	205	294	3	1.16	32	4060	20	< 5	2	559	0.17	< 10	< 10	95	< 10	60
91KT27CR29R	205	294	< 1	0.14	26	1220	10	< 5	16	268	0.18	< 10	< 10	210	10	84
91KT27CR30R	205	294	< 1	0.05	35	970	< 2	< 5	24	274	0.33	< 10	< 10	202	10	90
91KT30CR32R	205	294	< 1	0.01	14	140	24	< 5	2	11	0.09	< 10	< 10	13	< 50	>10000
91KT30CR33R	205	294	< 1	0.02	10	410	144	< 5	3	5	0.11	< 10	< 10	32	< 50	>10000
91KT30CR34R	205	294	1	0.02	19	90	10	< 5	6	7	0.14	< 10	< 10	61	< 50	1680
91KT30CR35R	205	294	< 1	< 0.01	8	570	8	< 5	30	6	0.33	< 10	< 10	236	10	170
91KT30CR36R	205	294	3	< 0.01	36	180	80	< 5	27	4	0.02	< 10	< 10	178	< 50	490
91KT6D30R	205	294	< 1	0.01	16	320	108	< 5	2	268	0.01	< 10	< 10	21	10	122
[illegible]																
91KT27D31R	205	294	< 1	0.02	291	360	34	< 5	8	192	0.03	< 10	< 10	61	20	70
91KT27D32R	205	294	< 1	0.02	344	660	142	< 5	10	[illegible]	0.01	< 10	< 10	86	10	378
91KT27D33R	205	294	< 1	0.04	102	680	62	< 5	20	[illegible]	0.01	< 10	< 10	188	10	206
91KT27D34R	205	294	< 1	< 0.01	2240	170	30	< 5	[illegible]	192	< 0.01	< 10	< 10	11	20	86
91KT30D36R	205	294	3	0.04	4	340	12	< 5	[illegible]	5	0.40	< 10	< 10	178	< 10	520
91KT30D37R	205	294	7	0.03	16	440	4	< 5	[illegible]	2	0.09	< 10	< 10	144	< 50	>10000
91KT30D38R	205	294	1	0.03	21	440	4	< 5	4	2	0.09	< 10	< 10	52	< 50	>10000
91KT30D39R	205	294	< 1	0.03	10	460	10	< 5	14	2	0.13	< 10	< 10	256	< 10	>10000
91KT30D40R	205	294	1	0.02	23	600	42	[illegible]	6	20	0.31	< 10	< 10	201	10	1075
91KT30D41R	205	294	< 1	0.03	35	350	10	< 5	11	37	0.34	< 10	< 10	214	10	142
91KT30D42R	205	294	< 1	0.02	8	110	[illegible]	< 5	< 1	6	< 0.01	< 10	< 10	7	< 10	636
91KT30D43R	205	294	7	< 0.01	15	200	[illegible]	< 5	14	3	0.01	< 10	< 10	118	< 50	528
91KT30D44R	205	294	< 1	0.01	34	360	[illegible]	5	20	67	0.06	< 10	< 10	153	20	184

CERTIFICATION: B. Caplan

Chemex Labs Ltd.

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

To: CHEMEX LABS LTD.
212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C
V7J 2C1

Project : MIDWAY
Comments: ATTN: DE VINH

Page Number
Certificate Date: 09-OCT-91
Invoice No. : 19122752
P.O. Number :

CERTIFICATE OF ANALYSIS A9122752

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
T6CR28R	205	294	< 5	0.2	4.61	5	1090	2.0	4	1.48	< 0.5	8	37	58	3.16	30	< 1	0.73	200	0.81	445
[redacted]																					
T27CR29R	205	294	< 5	< 0.2	3.47	5	230	< 0.5	6	3.83	< 0.5	29	55	155	6.73	10	< 1	0.13	10	2.22	910
T27CR30R	205	294	< 5	< 0.2	3.22	15	630	< 0.5	< 2	4.37	0.5	33	107	123	6.29	10	< 1	0.05	10	2.67	980
T30CR32R	205	294	45	0.4	0.35	< 5	30	< 0.5	< 2	0.15	>100.0	20	[illegible]	2420	>15.00	< 10	< 1	0.21	< 10	0.03	70
T30CR33R	205	294	20	< 0.2	0.55	5	60	< 0.5	2	0.19	74.0	69	68	1085	>15.00	< 10	< 1	0.22	< 10	0.14	90
T30CR34R	205	294	< 5	< 0.2	0.58	< 5	50	< 0.5	16	0.12	9.5	45	39	1090	>15.00	< 10	< 1	0.18	< 10	0.19	85
T30CR35R	205	294	< 5	< 0.2	6.30	30	90	< 0.5	4	0.58	< 0.5	[illegible]	46	95	8.74	< 10	< 1	0.09	< 10	5.47	1075
T30CR36R	205	294	55	5.4	6.43	5	20	< 0.5	6	0.03	1.5	31	234	1010	>15.00	< 10	< 1	0.02	< 10	5.47	1400
T6D30R	205	294	< 5	< 0.2	0.35	< 5	50	< 0.5	< 2	>15.00	< 0.5	2	82	41	0.83	30	< 1	0.06	10	0.25	360
[redacted]																					
T27D31R	205	294	< 5	< 0.2	2.12	15	140	< 0.5	< 2	7.88	[illegible]0.5	18	366	22	2.79	20	< 1	0.17	10	4.49	715
T27D32R	205	294	< 5	< 0.2	2.55	5	110	< 0.5	2	7.99	1.0	38	430	54	7.54	20	< 1	0.19	10	1.63	770
T27D33R	205	294	< 5	< 0.2	3:46	< 5	110	< 0.5	< 2	4.[illegible]	1.0	29	208	52	7.01	20	< 1	0.12	10	2.81	960
CT27D34R	205	294	< 5	< 0.2	0.24	15	50	< 0.5	< 2	5.56	< 0.5	103	450	17	4.47	10	< 1	< 0.01	< 10	4.43	845
KT30D36R	205	294	35	0.6	2.56	30	50	< 0.5	< [illegible]	0.17	1.0	20	56	71	11.00	< 10	< 1	0.26	< 10	1.92	1365
KT30D37R	205	294	55	< 0.2	0.69	50	40	< 0.5	10	0.12	>100.0	107	104	257	>15.00	< 10	4	0.11	< 10	0.38	440
KT30D38R	205	294	25	< 0.2	0.64	< 5	50	< 0.5	8	0.20	>100.0	18	50	1525	>15.00	< 10	< 1	0.21	< 10	0.17	175
KT30D39R	205	294	35	0.2	1.94	< 5	10	< 0.5	< 2	0.26	>100.0	28	35	2020	>15.00	< 10	< 1	0.02	< 10	1.38	725
KT30D40R	205	294	< 5	< 0.2	3.48	5	100	< [illegible].5	4	2.28	3.0	28	70	42	6.96	< 10	< 1	0.46	< 10	2.25	1430
KT30D41R	205	294	< 5	< 0.2	4.05	15	220	[illegible]0.5	< 2	4.83	< 0.5	28	183	95	5.57	< 10	< 1	0.45	< 10	3.20	810
KT30D42R	205	294	< 5	0.2	0.51	5	70	< 0.5	< 2	0.34	2.5	2	125	120	1.49	< 10	< 1	0.15	< 10	0.22	345
KT30D43R	205	294	< 5	< 0.2	3.74	20	[illegible]	< 0.5	8	0.02	0.5	70	188	326	>15.00	< 10	< 1	0.08	< 10	3.17	650
KT30D44R	205	294	< 5	< 0.2	4.52	< 5	80	< 0.5	< 2	3.43	1.0	31	111	93	5.71	10	< 1	0.06	< 10	4.48	1335

CERTIFICATION: B. Cargli

Chemex Labs Ltd.

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

... CH...(LAE... ...D.
212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C
V7J 2C1

Project : MIDWAY
Comments: ATTN: DE VINH

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Total Pages :1
Certificate Date: 09-OCT-91
Invoice No. :19122752
P.O. Number :

CERTIFICATE OF ANALYSIS A9122752

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
[illegible]6CR28R	205	294	3	2.31	10	2600	50	< 5	1	1870	0.27	< 10	< 10	85	< 10	52
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]18CR31R	205	294	4	1.22	32	4110	30	< 5	2	569	0.21	< 10	< 10	109	< 10	62
[illegible]27CR29R	205	294	< 1	0.12	22	1240	< 2	< 5	18	284	0.19	< 10	< 10	218	< 10	84
[illegible]27CR30R	205	294	< 1	0.04	32	1020	4	< 5	27	307	0.36	< 10	< 10	212	< 10	90
[illegible]30CR32R	205	294	4	0.01	12	110	16	< 5	2	2	0.10	< 10	< 10	11	< 50	>10000
[illegible]30CR33R	205	294	3	0.01	11	330	114	< 5	3	1	0.12	< 10	< 10	33	< 50	>10000
[illegible]30CR34R	205	294	3	0.02	15	90	10	< 5	5	1	0.12	< 10	< 10	54	< 50	1575
[illegible]30CR35R	205	294	< 1	0.01	8	570	12	< 5	33	7	0.43	< 10	< 10	249	< 10	174
[illegible]30CR36R	205	294	6	< 0.01	41	140	2	5	27	1	0.[illegible]	< 10	< 10	176	< 50	454
[illegible]T6D30R	205	294	< 1	< 0.01	13	300	2	5	1	265	< 0.01	< 10	< 10	19	< 10	24
[illegible]T18D35R	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]T27D31R	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
T27D32R	205	294	< 1	0.01	382	660	20	< 5	10	[illegible]03	< 0.01	< 10	< 10	96	< 10	110
T27D33R	205	294	< 1	0.02	104	760	6	< 5	23	198	< 0.01	< 10	< 10	209	< 10	106
T27D34R	205	294	< 1	< 0.01	2280	160	< 2	< 5	[illegible]	212	< 0.01	10	< 10	9	< 10	28
T30D36R	205	294	5	0.04	9	340	8	< 5	10	8	0.43	< 10	< 10	202	< 10	650
T30D37R	205	294	10	0.02	15	410	4	< 5	8	2	0.10	< 10	< 10	144	< 50	>10000
T30D38R	205	294	3	0.03	13	460	8	< [illegible]	6	1	0.15	< 10	< 10	64	< 50	>10000
T30D39R	205	294	3	0.03	6	410	4	[illegible]	15	1	0.20	< 10	< 10	272	< 50	>10000
T30D40R	205	294	4	0.02	21	670	10	5	6	18	0.31	< 10	< 10	214	< 10	932
T30D41R	205	294	< 1	0.02	35	370	[illegible]	< 5	11	34	0.32	< 10	< 10	218	< 10	118
T30D42R	205	294	< 1	0.03	6	100	[illegible]	< 5	< 1	5	< 0.01	< 10	< 10	6	< 10	556
T30D43R	205	294	11	< 0.01	14	220	6	< 5	14	2	0.01	< 10	< 10	114	< 10	476
T30D44R	205	294	< 1	0.02	35	420	8	< 5	27	53	0.09	< 10	< 10	189	< 10	142

CERTIFICATION: B. Cargill

Chemex Labs Ltd.

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

To: [illegible] N
SEVENTEENTH STREET PLAZA
1225 17TH ST., STE. 1500
DENVER, COLORADO
80202

Page [illegible] :1
Total Pages :1
Certificate Date: 28-OCT-91
Invoice No. :19123647
P.O. Number :

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

CERTIFICATE OF ANALYSIS A9123647

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
91KT8D146R	205	294	< 5	< 0.2	1.86	10	10	< 0.5	10	0.15	5.0	30	182	3730	4.48	< 10	< 1	0.08	< 10	2.55	760
91KT8D147R	205	294	845	4.2	0.89	< 5	< 10	< 0.5	20	0.09	71.5	24	144	>10000	4.95	< 10	< 1	0.02	< 10	0.85	190
91KT8D148R	205	294	470	1.8	0.85	< 5	10	< 0.5	14	0.14	34.5	18	70	7220	3.27	< 10	< 1	0.04	< 10	0.80	180
91KT8D149R	205	294	105	1.6	1.81	5	40	< 0.5	10	0.13	7.0	16	100	5070	4.23	< 10	3	0.14	< 10	1.83	555
91KT8D150R	205	294	35	< 0.2	1.57	< 5	20	< 0.5	< 2	0.64	0.5	12	53	387	4.95	< 10	< 1	0.10	< 10	1.31	370
91KT8D151R	205	294	15	< 0.2	1.47	5	10	< 0.5	< 2	0.28	1.0	16	139	162	4.26	< 10	< 1	0.08	< 10	1.30	480
91KT8D152R	205	294	10	< 0.2	1.06	10	< 10	< 0.5	< 2	0.12	< 0.5	24	50	148	4.24	< 10	< 1	0.06	< 10	0.88	230
91KT8D153R	205	294	85	< 0.2	0.71	60	10	< 0.5	2	0.03	< 0.5	4	203	17	2.10	< 10	< 1	0.10	< 10	0.34	100
91KT8D154R	205	294	15	< 0.2	1.32	< 5	10	< 0.5	< 2	0.73	0.5	30	38	48	7.18	< 10	< 1	0.05	< 10	1.29	575
91KT8D155R	205	294	10	< 0.2	1.59	< 5	40	< 0.5	4	0.66	0.5	20	75	102	6.14	< 10	< 1	0.11	< 10	1.20	265
91KT8CR107R	205	294	< 5	< 0.2	4.97	< 5	790	< 0.5	< 2	1.71	0.5	23	37	16	6.65	20	< 1	2.45	10	1.70	255
91KT8CR108R	205	294	< 5	< 0.2	2.86	5	360	< 0.5	2	1.31	0.5	28	141	84	4.84	20	2	0.80	20	3.29	375
91KT8CR109R	205	294	< 5	< 0.2	1.51	< 5	190	< 0.5	4	2.73	< 0.5	16	120	74	2.58	10	< 1	0.26	10	1.80	295
91KT8CR110R	205	294	160	< 0.2	0.26	350	20	< 0.5	6	1.46	< 0.5	80	619	8	4.39	< 10	< 1	< 0.01	< 10	>15.00	570
91KT8CR111R	205	294	140	< 0.2	0.18	355	20	< 0.5	2	1.49	< 0.5	80	525	7	4.48	< 10	< 1	< 0.01	< 10	>15.00	610
91KT8CR112R	205	294	< 5	< 0.2	1.04	10	2340	< 0.5	< 2	0.42	0.5	4	297	54	1.96	< 10	< 1	0.21	10	1.39	155
91KT8CR113R	205	294	< 5	< 0.2	3.42	10	920	< 0.5	< 2	7.76	< 0.5	21	144	86	3.56	30	< 1	1.28	10	1.23	420
91KT8CR114R	205	294	< 5	< 0.2	2.79	< 5	970	< 0.5	< 2	0.53	0.5	17	262	63	5.54	10	< 1	1.40	20	1.08	405
91KT8CR115R	205	294	< 5	< 0.2	1.92	< 5	510	< 0.5	< 2	0.97	0.5	9	29	30	4.29	10	< 1	1.02	40	0.88	370
91KT9CR102R	205	294	< 5	< 0.2	3.94	10	510	< 0.5	< 2	1.33	< 0.5	10	119	56	3.60	10	< 1	1.33	< 10	1.22	545
91KT9CR103R	205	294	< 5	< 0.2	2.02	< 5	690	< 0.5	4	0.99	< 0.5	28	156	121	3.89	10	< 1	0.67	10	1.98	190
91KT9CR104R	205	294	< 5	0.4	0.63	< 5	250	< 0.5	2	1.37	1.0	4	425	65	1.20	10	< 1	0.30	10	0.44	90
91KT9CR105R	205	294	< 5	0.8	0.48	< 5	460	< 0.5	< 2	0.27	6.5	2	410	118	1.45	< 10	< 1	0.18	< 10	0.28	105
91KT9CR106R	205	294	< 5	< 0.2	2.53	40	80	< 0.5	< 2	7.98	0.5	28	237	54	5.43	20	< 1	0.12	10	5.08	1000

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

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

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

Certificate Date: 28-OCT-91
Invoice No. :19123647
P.O. Number :

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

CERTIFICATE OF ANALYSIS A9123647

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
91KT8D146R	205	294	1	0.05	96	110	4	< 5	16	6	0.07	< 10	< 10	155	< 10	998
91KT8D147R	205	294	1	0.05	26	< 200	2	< 5	6	2	0.03	< 10	< 10	53	< 50	3250
91KT8D148R	205	294	< 1	0.05	29	110	10	< 5	5	3	0.03	< 10	< 10	48	< 10	1770
91KT8D149R	205	294	2	0.08	25	120	4	< 5	16	5	0.06	< 10	< 10	89	< 10	1090
91KT8D150R	205	294	< 1	0.14	12	790	2	< 5	12	13	0.14	< 10	< 10	113	< 10	62
91KT8D151R	205	294	< 1	0.14	20	280	4	< 5	15	14	0.08	< 10	< 10	97	< 10	94
91KT8D152R	205	294	1	0.09	16	170	4	< 5	11	2	0.08	< 10	< 10	83	< 10	52
91KT8D153R	205	294	2	0.15	7	70	10	< 5	2	5	< 0.01	< 10	< 10	17	< 10	8
91KT8D154R	205	294	3	0.11	2	370	< 2	< 5	18	17	0.10	< 10	< 10	203	< 10	46
91KT8D155R	205	294	1	0.09	6	690	2	< 5	16	28	0.15	< 10	< 10	163	< 10	74
91KT8CR107R	205	294	< 1	0.17	10	3630	< 2	< 5	13	44	0.45	< 10	< 10	97	< 10	124
91KT8CR108R	205	294	< 1	0.14	62	1320	2	< 5	10	24	0.22	< 10	< 10	175	< 10	74
91KT8CR109R	205	294	< 1	0.28	49	1150	< 2	< 5	7	58	0.35	< 10	< 10	89	< 10	32
91KT8CR110R	205	294	< 1	< 0.01	1735	70	< 2	< 5	5	66	< 0.01	< 10	< 10	17	30	38
91KT8CR111R	205	294	< 1	< 0.01	1750	60	14	< 5	5	81	< 0.01	< 10	< 10	14	30	38
91KT8CR112R	205	294	2	0.01	44	1540	8	< 5	4	42	0.02	< 10	< 10	168	< 10	56
91KT8CR113R	205	294	< 1	0.27	77	1080	< 2	< 5	5	359	0.44	< 10	< 10	94	< 10	42
91KT8CR114R	205	294	1	0.07	69	1780	10	< 5	6	30	0.22	< 10	< 10	62	< 10	78
91KT8CR115R	205	294	2	0.10	13	3580	8	< 5	4	33	0.22	< 10	< 10	57	< 10	86
91KT9CR102R	205	294	< 1	0.32	9	420	< 2	< 5	13	58	0.13	< 10	< 10	125	< 10	62
91KT9CR103R	205	294	2	0.08	95	1700	< 2	< 5	5	25	0.37	< 10	< 10	114	< 10	68
91KT9CR104R	205	294	4	0.01	44	3580	10	< 5	2	35	0.04	< 10	< 10	77	< 10	162
91KT9CR105R	205	294	12	0.01	64	1370	8	< 5	3	26	0.02	< 10	< 10	395	< 10	390
91KT9CR106R	205	294	1	0.02	111	520	2	< 5	15	266	0.01	< 10	< 10	102	10	64

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

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212 Brooksbank Ave., North Vancouver
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1225 17TH ST., STE. 1500
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80202

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

CERTIFICATE OF ANALYSIS A9123716

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
91KT7CR116R	205	294	< 5	< 0.2	0.11	< 5	40	< 0.5	6	2.85	< 0.5	87	396	4	4.83	< 10	< 1	< 0.01	< 10	4.63	685
91KT7CR117R	205	294	< 5	< 0.2	2.11	< 5	40	< 0.5	< 2	2.58	1.0	18	44	39	4.20	10	< 1	0.16	30	1.65	730
91KT7CR118R	205	294	< 5	< 0.2	1.91	< 5	130	< 0.5	< 2	0.72	0.5	16	47	48	4.12	< 10	< 1	0.71	20	1.50	585
91KT7CR119R	205	294	< 5	< 0.2	1.68	5	100	0.5	2	1.93	< 0.5	13	58	33	3.48	10	< 1	0.41	30	1.30	610
91KT7CR120R	205	294	< 5	< 0.2	1.83	5	110	0.5	6	1.20	< 0.5	14	47	34	3.87	10	< 1	0.45	40	1.19	555
91KT7CR121R	205	294	< 5	< 0.2	2.37	5	140	< 0.5	< 2	1.58	0.5	11	39	8	4.69	10	< 1	0.48	20	2.11	785
91KT7CR122R	205	294	< 5	< 0.2	2.26	< 5	220	< 0.5	2	1.91	0.5	10	47	13	4.47	10	3	0.81	20	1.78	805
91KT7CR123R	205	294	< 5	< 0.2	0.99	< 5	250	0.5	< 2	0.67	< 0.5	4	49	5	1.61	10	< 1	0.31	50	0.34	435
91KT9CR124R	205	294	< 5	< 0.2	1.62	5	290	< 0.5	2	1.02	< 0.5	7	63	48	2.80	< 10	< 1	0.69	10	0.93	470
91KT9CR125R	205	294	< 5	< 0.2	1.93	5	360	< 0.5	6	0.77	< 0.5	11	115	191	4.45	< 10	< 1	0.41	10	1.15	250
91KT9CR126R	205	294	< 5	< 0.2	3.41	< 5	1100	< 0.5	< 2	0.37	1.0	16	63	62	5.14	< 10	< 1	1.92	< 10	2.01	825
91KT9CR127R	205	294	< 5	< 0.2	1.13	< 5	70	< 0.5	2	0.94	< 0.5	5	86	9	1.48	< 10	< 1	0.33	10	0.33	260
91KT9CR128R	205	294	< 5	< 0.2	2.57	< 5	200	< 0.5	4	1.74	< 0.5	13	110	115	4.10	10	< 1	0.37	10	2.05	690
91KT8D156R	205	294	< 5	< 0.2	1.59	< 5	230	< 0.5	< 2	0.91	< 0.5	21	179	205	3.50	< 10	< 1	0.47	10	0.82	190
91KT8D157R	205	294	< 5	< 0.2	2.81	5	250	< 0.5	< 2	1.54	< 0.5	23	102	71	4.23	10	< 1	0.59	10	1.48	200
91KT8D158R	205	294	< 5	0.2	0.44	55	80	< 0.5	2	0.48	< 0.5	< 1	117	33	1.65	< 10	< 1	0.09	10	0.37	35
91KT8D159R	205	294	10	0.4	1.58	10	210	< 0.5	< 2	0.52	2.5	37	201	254	8.07	< 10	< 1	0.22	10	0.88	140
91KT8D160R	205	294	< 5	< 0.2	1.81	15	60	< 0.5	< 2	0.19	< 0.5	28	136	77	3.80	< 10	< 1	0.42	< 10	1.75	300
91KT8D161R	205	294	< 5	< 0.2	1.72	15	160	< 0.5	< 2	1.36	< 0.5	19	41	82	4.15	10	< 1	0.80	30	1.40	795
[illegible]																					
91KT12CR098R	205	294	< 5	< 0.2	1.58	< 5	140	< 0.5	6	0.40	< 0.5	6	40	24	2.37	< 10	< 1	0.21	< 10	0.99	370
91KT12CR099R	205	294	25	< 0.2	1.04	5	160	< 0.5	< 2	0.33	< 0.5	2	31	23	0.99	< 10	1	0.33	< 10	0.39	280
91KT12CR100R	205	294	< 5	< 0.2	2.34	< 5	290	< 0.5	< 2	1.41	0.5	10	27	82	2.79	< 10	< 1	0.77	< 10	1.65	645
91KT12D141R	205	294	< 5	0.2	1.04	< 5	20	< 0.5	10	0.38	< 0.5	7	24	439	1.92	< 10	< 1	0.06	< 10	0.75	155
91KT12D142R	205	294	< 5	< 0.2	4.55	10	50	< 0.5	6	0.17	0.5	32	411	124	4.66	< 10	< 1	< 0.01	< 10	6.25	345
91KT12D143R	205	294	< 5	< 0.2	0.13	< 5	< 10	< 0.5	6	0.04	< 0.5	69	533	9	4.53	< 10	< 1	< 0.01	< 10	11.90	625
91KT12D144R	205	294	< 5	< 0.2	0.13	< 5	< 10	< 0.5	12	0.76	< 0.5	63	933	23	4.41	< 10	< 1	< 0.01	< 10	13.15	1150
91KT12D145R	205	294	5	< 0.2	0.11	10	< 10	< 0.5	8	0.02	< 0.5	88	340	37	2.88	< 10	< 1	< 0.01	< 10	13.00	510
91KT14CR101R	205	294	< 5	< 0.2	1.36	< 5	130	< 0.5	2	0.34	< 0.5	1	89	117	2.01	< 10	< 1	0.65	< 10	0.92	345
91KT17CR82R	205	294	< 5	< 0.2	2.73	< 5	340	< 0.5	< 2	0.13	1.0	5	65	43	4.15	< 10	< 1	0.63	< 10	1.87	290
91KT17CR83R	205	294	< 5	< 0.2	2.03	< 5	310	< 0.5	< 2	1.45	0.5	28	35	169	5.12	10	< 1	0.25	< 10	1.32	750
91KT17CR84R	205	294	10	< 0.2	1.07	5	40	0.5	4	0.36	< 0.5	7	12	75	3.09	< 10	< 1	0.06	< 10	0.43	175
91KT17D125R	205	294	< 5	< 0.2	2.69	20	600	< 0.5	4	0.21	< 0.5	15	98	136	4.10	< 10	< 1	1.42	< 10	1.52	325
91KT18D140R	205	294	< 5	< 0.2	0.94	< 5	40	< 0.5	< 2	0.21	< 0.5	4	50	33	1.83	< 10	< 1	0.07	< 10	0.54	160
91KT27CR86R	205	294	< 5	< 0.2	2.18	25	240	< 0.5	< 2	3.30	< 0.5	27	8	11	6.58	10	< 1	0.40	30	1.57	895
91KT27CR87R	205	294	< 5	< 0.2	0.92	70	20	< 0.5	< 2	0.23	< 0.5	3	45	14	2.58	< 10	< 1	0.06	< 10	0.37	240
91KT27CR88R	205	294	< 5	< 0.2	3.65	< 5	100	< 0.5	4	5.67	0.5	31	230	98	5.97	20	< 1	< 0.01	20	3.66	875
91KT27D126R	205	294	80	< 0.2	1.64	80	290	< 0.5	< 2	3.48	< 0.5	16	11	32	5.14	10	< 1	0.61	30	0.88	820
91KT27D127R	205	294	60	< 0.2	1.76	< 5	260	< 0.5	< 2	3.00	0.5	14	10	12	6.00	10	< 1	0.52	50	0.96	1270
91KT30CR085R	205	294	< 5	< 0.2	2.76	5	20	< 0.5	4	1.46	< 0.5	28	57	51	4.09	< 10	< 1	0.03	< 10	1.95	515

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

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

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

Certificate Date: 29-OCT-91
Invoice No. :I9123716
P.O. Number :

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

CERTIFICATE OF ANALYSIS A9123716

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
91KT7CR116R	205	294	2	< 0.01	1690	170	< 2	< 5	6	102	< 0.01	< 10	< 10	17	< 10	12
91KT7CR117R	205	294	< 1	0.05	19	1010	2	< 5	10	93	0.04	< 10	< 10	115	< 10	70
91KT7CR118R	205	294	< 1	0.10	13	1140	4	< 5	8	52	0.27	< 10	< 10	130	< 10	64
91KT7CR119R	205	294	< 1	0.06	11	920	4	< 5	9	143	0.24	< 10	< 10	95	< 10	56
91KT7CR120R	205	294	< 1	0.07	10	1040	12	< 5	7	65	0.12	< 10	< 10	90	< 10	62
91KT7CR121R	205	294	< 1	0.09	7	980	< 2	< 5	17	64	0.25	< 10	< 10	166	< 10	78
91KT7CR122R	205	294	1	0.09	4	970	< 2	< 5	15	92	0.30	< 10	< 10	136	< 10	76
91KT7CR123R	205	294	1	0.05	4	600	8	< 5	2	110	0.01	< 10	< 10	20	< 10	46
91KT9CR124R	205	294	1	0.10	3	670	< 2	< 5	9	25	0.13	< 10	< 10	86	< 10	50
91KT9CR125R	205	294	< 1	0.06	24	1170	2	< 5	11	32	0.10	< 10	< 10	85	< 10	78
91KT9CR126R	205	294	2	0.05	8	640	6	5	16	12	0.21	< 10	< 10	177	< 10	80
91KT9CR127R	205	294	< 1	0.04	3	930	2	< 5	3	299	0.12	< 10	< 10	34	< 10	30
91KT9CR128R	205	294	1	0.04	13	570	2	< 5	14	43	0.03	< 10	< 10	125	< 10	58
91KT8D156R	205	294	2	0.11	87	1660	< 2	< 5	3	47	0.18	< 10	< 10	77	< 10	40
91KT8D157R	205	294	< 1	0.23	65	930	< 2	< 5	2	36	0.25	< 10	< 10	70	< 10	50
91KT8D158R	205	294	13	< 0.01	18	2130	8	< 5	1	48	< 0.01	< 10	< 10	102	< 10	62
91KT8D159R	205	294	17	0.03	158	2010	< 2	5	8	8	0.11	< 10	< 10	271	< 10	150
91KT8D160R	205	294	< 1	0.10	108	290	< 2	< 5	11	7	0.11	< 10	< 10	101	< 10	70
91KT8D161R	205	294	1	0.08	20	960	6	< 5	10	41	0.32	< 10	< 10	141	< 10	68
91KT12CR098R	205	294	< 1	0.06	7	610	< 2	< 5	2	31	0.12	< 10	< 10	46	< 10	44
91KT12CR099R	205	294	< 1	0.05	4	230	6	< 5	< 1	15	0.04	< 10	< 10	7	< 10	32
91KT12CR100R	205	294	4	0.04	8	730	< 2	< 5	1	33	0.14	< 10	< 10	50	< 10	80
91KT12D141R	205	294	14	0.07	< 1	450	< 2	< 5	< 1	25	0.15	< 10	< 10	21	< 10	16
91KT12D142R	205	294	1	< 0.01	202	50	4	5	3	7	0.03	< 10	< 10	82	< 10	28
91KT12D143R	205	294	< 1	< 0.01	1195	< 10	< 2	< 5	3	1	< 0.01	< 10	< 10	23	< 10	10
91KT12D144R	205	294	1	< 0.01	1145	10	< 2	< 5	4	36	< 0.01	< 10	< 10	22	< 10	12
91KT12D145R	205	294	< 1	< 0.01	1365	30	< 2	< 5	3	1	< 0.01	< 10	< 10	16	10	28
91KT14CR101R	205	294	2	0.12	19	670	< 2	< 5	4	46	0.10	< 10	< 10	57	< 10	46
91KT17CR82R	205	294	1	0.03	21	880	< 2	< 5	8	19	0.12	< 10	< 10	110	< 10	92
91KT17CR83R	205	294	1	0.15	12	1010	< 2	< 5	13	14	0.31	< 10	< 10	154	< 10	124
91KT17CR84R	205	294	67	0.10	18	330	4	< 5	4	21	0.11	< 10	< 10	65	< 10	150
91KT17D125R	205	294	2	0.09	21	410	< 2	< 5	12	23	0.17	< 10	< 10	139	< 10	94
91KT18D140R	205	294	1	0.08	6	290	2	< 5	1	14	0.07	< 10	< 10	15	< 10	20
91KT27CR86R	205	294	< 1	0.03	6	3050	< 2	< 5	5	71	0.02	< 10	< 10	57	< 10	80
91KT27CR87R	205	294	1	0.10	2	350	4	< 5	8	9	0.01	< 10	< 10	9	< 10	46
91KT27CR88R	205	294	< 1	0.01	98	1230	2	5	18	289	0.01	< 10	< 10	200	< 10	86
91KT27D126R	205	294	< 1	0.03	15	3530	< 2	< 5	4	69	< 0.01	< 10	< 10	36	< 10	42
91KT27D127R	205	294	< 1	0.03	11	3350	< 2	5	4	68	0.01	< 10	< 10	39	< 10	62
91KT30CR085R	205	294	< 1	0.05	23	540	< 2	< 5	7	22	0.51	< 10	< 10	112	< 10	48

CERTIFICATION: B. Caplette

APPENDIX E

ROCK SAMPLE DESCRIPTIONS

ROCK SAMPLE SHEET

Sampler D. Ridley
Date Sept. 1991

Property Ket 10 Group

NTS 82E/3

SAMPLE NO.	Sample Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS				
		Rock Type	Alteration	Mineralization		Au	Ag	Cu	Pb	Zn
91KT8 D03R	G	qtz vein	sericite limonite	rare pyrite	grab from trench Golden Gate Area; vein ≈1.5 m wide 010/steeply W dipping; in highly altered (skarny + sericite) granodiorite?	<5	<0.2	29	<2	6
91KT8 D04R	2m	"	"	"	chip across vein D03R!	<5	0.2	13	4	8
91KT8 D05R	1m	highly altered granodiorite	sericite limonite silica	none noted	grab of wallrx of D03R vein!	<5	<0.2	14	2	32
91KT8 D06R	G	skarny met-seds?	epidote carbonate silica	semi-massive pyrite-chalcopyrite pyrrhotite	Golden Gate Trench: ≈ 70m on bearing 264° from D03 area; specular hematite disem in high grade portion! trenched area 10×8×5m	9/10	4.4	2/1000	2	37/30
91KT8 D07R	G	"	"	malachite f-gr. py-chalcopy.	malachite-stain; dump material @ D06 Trench. poorly exposed in floor of trench: minor magnetite	<5	<0.2	68/30	<2	39/50
91KT8 D08R	1.5m	granodiorite ?	silica carbonate limonite	up to 3% pyrrhotite	along E edge of D06 Trench!	<5	<0.2	104	<2	46
91KT8 D09R	3m	"	"	minor pyrite-pyrrhotite.	continuation westward in Trench D06 from previous sample: shear zone (50cm wide) trends 170°/90	<5	<0.2	2/23	<2	1/24
91KT8 D10R	2.5m	"	"	"	continue westward from D09R.	<5	<0.2	3/69	<2	46
91KT8 D11R	70cm	qtz vein	sericite	minor sporadic pyrite	≈ 25m Easterly from D06 Trench: poorly exposed in sloughed trench: wallrx altered granodiorite.	<5	<0.2	47	2	30

COAST MOUNTAIN GEOLOGICAL L...

ROCK SAMPLE SHEET

1992

Sampler D. Ridley
Date Sept. 1991

Property KET 10 Group

NTS 82E/3

SAMPLE NO.	Sample Width	DESCRIPTION: Rock Type	Alteration	Mineralization	ADDITIONAL OBSERVATIONS	ASSAYS: Au	Ag	Cu	Pb	Zn
91KT9 D13R	2m	chlorite schist	silica	none visible.	Road Cut Showings: E end of cut: foliation 035/75W: qtz flooding	<5	0.2	22	6	66
91KT9 D14R	2m	"	epidote silica carbonate	minor py-pyrrh along fractures	≈ 20m W of D13: same outcrop; trace chalco.	<5	0.4	46	4	64
91KT9 D15R	4 sq m.	limest.	carbonate epidote silica	" "	≈ 10m W of D14: same outcrop: 2x2 m panel sample: limestone lens in limy greywacke(?)	<5	0.6	56	8	78
91KT9 D16R	2 sq m	limey greywacke	carbonate stockwork	up to 3% disem + fracture-fillings of pyrite	≈ 12 m W of D15: same outcrop:	<5	0.4	52	4	68
91KT9 D17R	1.5m	"	"	"	5m W of D16: same outcrop: mineralized fractures trend 100/80S	<5	0.6	58	2	86
91KT9 D18R	"	limestone	"	minor f-grained pyrite	8m W D17R + 4m W of C16R: same outcrop	<5	0.4	50	12	84
91KT9 D19R	G	altered intrusive	chlorite silica	up to 3% pyrite minor magnetite.	≈ 350 m N of Hyway 3 from Gravel Pit: ≈100 m W of N-S trending fence-line: subcrop(?)	50	0.4	97	30	58
91KT9 D20R	3m	listwanite with qtz veining	carbonate silica mariposite	no visible sulphides	≈ 90m E of D19 + ≈ 15 m above E-W trending farm road: qtz veins + stringers parallel foliation @ 100/75N:	<5	0.2	21	4	26
91KT9 D21R	65cm	"	"	" "	≈ 25m E of D20: old trench qtz vein 65cm wide sample of vein: wallrx see CR22R: mariposite makes up ≈ 40% of rock: vein trends 010/35W.	25	1.0	2	8	24
91KT9 D22R	1m	"	"	" "	≈ 20m SE of D21: white bull qtz vein 45cm wide trends 100/90:	<5	<0.2	8	16	30
91KT9 D23R	G	dump material	silica carbonate	" "	above + ≈ 60 m NE of D13R (E end "Road Cut" composite of dump in old trench: includes limey greywacke-siltstone to white quartzite.	<5	0.4	64	2	40
91KT9 D24R	1m	meta-quartzite	carbonate	1-2% pyrrhotite	≈ 20 m above D23: old trench: grab of most sulphide-rich section:	<5	0.4	58	6	44
91KT8 D25R	3x3 sq.m.	fine-grained diorite	none noted	minor pyrrhotite-magnetite	NE Ket 8 hill (west side): panel sample of outcrop. major joints @ 165/90:	<5	<0.2	72	28	1/2
91KT7 D26R	"	"	"	"	NE Ket 7 hill as @ D25: east side: outcrop relatively abundant across hill: same as D25-D26:	<5	0.2	94	36	134
91KT10 D27R	G	altered conglomerate	serpentine chlorite carbonate	rare pyrite siderite is common	possible old trench in upper Bride's Cr.: CR25R is ≈ 30 m N of this sample: *NB: high Ni-Cr. (1465 + 1635 ppm)	<5	<0.2	31	<2	18

ROCK SAMPLE SHEET

Sampler: D. Ridley
Date: Sept 1991
Property: Ket 10 Group
NTS: 82E/3

SAMPLE NO.	Sample Width	DESCRIPTION: Rock Type	DESCRIPTION: Alteration	DESCRIPTION: Mineralization	ADDITIONAL OBSERVATIONS	ASSAYS: Au	ASSAYS: Ag	ASSAYS: Cu	ASSAYS: Pb	ASSAYS: Zn
91KT10 D28R	40cm	siliceous shear	silica	up to 10% f-grain pyrite.	N of Chris Marchand's farmhouse on top of small knoll: @ contact between quartzite + conglomerate; 160/60W old trench: heaviest sulphides right on contact	<5	<0.2	234	<2	104
91KT10 D29R	G	white quartzite	—	minor disem pyrite <1%	≈60 m NW of D28: subcrop rubble: north brow of small knoll:	<5	<0.2	57	2	20
91KT6 D30R	1.5m	mottled conglomerate	hematite?	no visible sulphides	exposed outcrops just north of Hyway 3 and ≈100m E of Conkle L. Rd: matrix is bright red with white-gray limestone + cherts cobbles: poor exposure ≈ 3sq.m area.	820	1.8	89	108	122
91KT6 D76R	—	—	—	—	Duplicate of 91KT6: D30R	<5	0.2	29	10	12
91KT7 D119R	G	mottled volcanic breccia	hematite epidote	none seen	N end of Ket 7+6: old trench beside 2ndary road; S. of powerline, ≈ 300 m W of Conkle Lake Road.	<5	<0.2	38	<2	66
91KT8 D146R	G	siliceous diorite	silica	1-3% disem pyrrhotite-malachite	@ Golden Gate trench beside D06R; malachite-rich section:	<5	<0.2	3730	4	998
91KT8 D147R	—	—	—	—	RE-SAMPLE OF 91KT8; D06R	845	4.2	>10,900	2	3250
91KT8 D148	1m	siliceous diorite	silica limonite	py-pyrrhotite to 5%; heavy chalco locally	Golden Gate trench: chip across mineralized structure 160/70W: cut off by mafic dyke 060/80NW contains minor py-cpy + malachite.	470	1.8	7220	10	1770
91KT8 D149	50cm	"	"	up to 10% pyrrhotite minor cpy-malachite	floor of Golden Gate trench 2 m W of D148 minor sphalerite?; zone is highly fractured.	105	1.6	5070	4	1090
91KT8 D150	1.5m	"	"	pyrite to 3% well-disem. throughout.	W end of Golden Gate trench: 3 m W of D149: chip across zone: highly fractured:	35	<0.2	387	2	62
91KT8 D151	1.2m	"	"	"	adjacent to R150: 2 m downslope:	15	<0.2	162	4	94
91KT8 D152	75cm	"	"	pyrite-pyrrhotite to 1%.	@ D09R: shearzone 1m below D09R:	10	<0.2	148	4	52
91KT8 D153R	70cm	qtz vein	muscovite mica-sericite?	no visible sulphides	≈50 m W along contour from Golden Gate trench. vein trends 140/90: abundant mica.	85	<0.2	17	10	8
91KT8 D154R	1m	siliceous diorite?	silica limonite	up to 5% pyrite	12 m E of CR-13+14: similar to wallrocks @ Golden Gate trench.	15	<0.2	48	<2	46
91KT8 D155R	1.5m	"	"	"	6m W of D154R; as D154R	10	<0.2	102	2	74

ROCK SAMPLE SHEET

Sampler D. Ridley
Date Sept. 1991

Property Ket 10 Group

NTS 82E/3

SAMPLE NO.	Sample Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS				
		Rock Type	Alteration	Mineralization		Au	Ag	Cu	Pb	Zn
91KT8 D156R	3m	sheared meta seds	limonite	minor pyrite	≈100m downstream of C13+14; E side: ≈15m above creek.	<5	<0.2	205	<2	40
91KT8 D157R	F	siliceous tuff?	silica limonite biotite	up to 5% disem+ blobby pyrrhotite	across creek from D156 ≈ 30m up bank; angular: ?subcropping upslope?	<5	<0.2	71	<2	50
91KT8 D158R	1m	graphitic shear	graphite quartz carbonate	minor pyrite	≈ 100m above junction of McKinney + Jolly Cr.; on E bank of McKinney Cr. just below low waterfall.	<5	0.2	33	8	62
91KT8 D159R	1m	"	"	up to 3% pyrite	just above junction on Jolly Cr.; zone trends 160/65 NE.	10	0.4	254	<2	150
91KT8 D160R	G	siliceous diorite	chlorite quartz wollastinite?	up to 3% disem. pyrrhotite.	subcrop: ≈15m W + 5m higher than D05 trench.	<5	<0.2	77	<2	70
91KT8 D161R	2m	altered granodiorite	chlorite highly fractured	none seen.	extensive outcrop just N of Golden Gate trench ≈ 50m;	<5	<0.2	82	6	69

C-CHIP G-GRAB F-FLOAT

L .ST MOUNTAIN GEOLOGICAL LTD.

ROCK SAMPLE SHEET

Sampler C. J. RIDLEY
Date SEPT- OCT
Property KET 10 GROUP
NTS 82E/3

SAMPLE NO.	Sample Width	DESCRIPTION: Rock Type	Alteration	Mineralization	ADDITIONAL OBSERVATIONS	ASSAYS: Au	Ag	Cu	Pb	Zn
91KT8: CR09R:	grab	? gabbro	–	2% Pyrite	ELEV: 2870' STRIKE 236° / dip 74°N - no magnetic quality	<5	<0.2	62	<2	68
91KT8: CR10R	grab	diorite	–	up to 5% Py	ELEV: 2870' ? small shear zone: evidence of slickensides: 5m. S of CR09R	<5	<0.2	148	<2	80
91KT8: CR11R	grab	diorite	chlorite calcite	up to 5% Py	ELEV: 2870' 1m. S. of CR10R: small shear: slickensides, strike + dip same as CR09R:	<5	<0.2	76	<2	32
91KT8: CR12R	1m. grab	diorite	chlorite calcite	Pyrite	ELEV: 2870' 1m. E of CR11R: 1m wide shear; calcite veining	<5	<0.2	112	<2	42
91KT8: CR13R	grab	diorite	chlorite calcite	Pyrite magnetite	ELEV: 2903' 25m. wide shear zone. xtremely alt - very mafic diorite: purple/orange gossan	<5	<0.2	173	<2	56
91KT8: CR14R:	grab	diorite	chlorite calcite ? silica	Pyrite	ELEV: 2903' - 1m. N of CR13R: subcrop. very siliceous rock: yellow/red gossans:	<5	<0.2	52	<2	16
91KT9: CR16R	grab	serpentine		Pyrrhotite Pyrite	Trend: 132°; steep dip to the E. - in contact w/ ? calcareous shist	80	<0.2	231	<2	84
91KT9: CR17R	grab	listwanite	calcite	Mariposite 3% Pyrite	OC ± 10m. W of CR18R: shear zone (very small) numerous calcite veins; in contact w/ serpentenite; on trend + dip w/ CR16R:	<5	<0.2	12	2	28
91KT9: CR18R	grabs	serpentine	calcite	>4% Py trace Chalco	± 12 m. W of CR16R; very calcareous, almost brecciated; same trend as CR16R; rock is xtremely fractured	<5	<0.2	55	2	56
91KT9: CR19R	grab	Limestone		Py trace Chalco	several calcite veins from mm's to 4cm wide; mineral is poddy.	<5	0.4	79	8	78
91KT9: CR20R	grab	Limestone		>5% Py	- Dave calling same rock - Liney greywacke; 4m. W of CR21R	<5	0.6	181	8	72
91KT9: CR21R	grab	Limestone		Pyrite	£19, 20 + 21R are all taken in similar rock + mineralization across 15m. width	<5	0.2	29	2	32
91KT9: CR22R:	55cm. grab	Qtz. VEIN		no visible sulphides	7m. N.E. of D21R. vein is 40 cm. wide. Sample taken of vein + wallrock: strike 054°: almost vertical dip	<5	<0.2	2	3	28
91KT7: CR23R	grab	diorite		trace Py	ELEV: 3723' due N of Kleins L2513: well worn + weathered OC: 016° strike	<5	0.6	25	44	88
91KT7: CR24R:	grab	diorite		7% magnetite Pyrite	± 30-40 m. E of C23R; strike 008° / dip 68°E	<5	0.6	30	44	94

L .S1 MOUNTAIN GEOLOGICAL LTD. 4/

ROCK SAMPLE SHEET

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Sampler C. J. RIDLEY
Date SEPT-OCT/91 Property KET 10 GROUP NTS 82E/3

SAMPLE NO.	Sample Width	DESCRIPTION: Rock Type	Alteration	Mineralization	ADDITIONAL OBSERVATIONS	ASSAYS: Au (ppb)	Ag (ppm)	Cu	Pb	Zn
91KT10: CR25R	grab	conglomerate	chlorite calcite epidote	Pyrite	ELEV: 3986' ± 1km. W of I.D. post 35 (KET 10 claims) trend. 086°/dip 82°: W. side of SE trend gully; greenstone OC on E side	<5	.2	17	8	24
91KT10: CR26R	grab	shear	silica	>10% Py	ELEV: 4084'; same trench as D28R; high grade grab off dump;	70	1.0	178	4	2
91KT10: CR27R	float grab	meta-quartzite	chlorite	spot malachite Py trace	± 300 m. S.E. of CR26R:	<5	0.2	156	6	50
91KT6 CR28R	float grab	diorite	-	magnetite	? cobble from conglomerate that lies to the N+E of sample: grano-diorite lies to W+S	890	.2	76	60	52
91KT6 CR52R	float grab	"	"	"	duplicate of CR28R	<5	.2	49	34	48
CR53R NOTES ON Pg. 4						Bi 82	CR 908	mg 13.05	Ni 2000	
91KT9 CR102R	float grab	qtzite	calcite	finely dissem. Py	dk. red gossan: ± 800m. N + 200 m. W of KT9 LCP:	<5	<0.2	56	<2	62
91KT9 CR103R	1.5m grab	black sed	chlorite calcite	finely dissem. Pyrrh + Py	± 20m. S of C102: slightly magnetic: 082°/56°S	<5	<0.2	121	<2	68
91KT9 CR104R	3m. grab	black sed/qtzite	calcite silica	graphite Pyrite	± 80-90m. W of 103 bleb of ? malachite 150°/84° N.E.	<5	0.4	65	10	162
91KT9 CR105R	grab	qtzite	calcite silica	graphite minor Py	± 100-150m. W of 104R:	<5	0.8	118	8	390
91KT9 CR106R	float grab	? listwanite	carbonate	minor Py	± 15-20 m. N.E. of 105R several calcite veins: subcrop	<5	<0.2	54	2	64
91KT8 CR107R	grab	? sand stone	calcite	trace Py blebs Pyrrh	± 200-300m. E of Ket 8 I.D. post 1E lightly magnetic trend 118° /dip to S.E.	<5	<0.2	16	<2	124
91KT8 CR108R	grab	black seds	chlorite silica	traces Py	± 20m. E of 107R: overlain by ? chert ? / 002°/ 86° E	<5	<0.2	84	2	74
91KT8 CR109R	grab	? sand stone		Py + ? barite ? ? trace CPy	± 20 m. N+E. of 108R: 068°/84° N	<5	<0.2	74	<2	32
91KT8 CR110R	float grab	sand stone ?		serpentine ? 3% magnetite / Py	@ 109R	160	<0.2	8	<2	38

COAST MOUNTAIN GEOLOGICAL LTD.

ROCK SAMPLE SHEET

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Sampler C.J. RIDLEY

Date Oct. 19 - Oct 21 /91 Property KET 10 Group NTS 82E/3

SAMPLE NO.	DESCRIPTION				ADDITIONAL OBSERVATIONS	ASSAYS				
	Sample Width	Rock Type	Alteration	Mineralization		Au	Ag	Cu	Pb	Zn
91KT8 CR112R	grab	qtzite		trace Py; barite + ?? magnetite	± 400m. E of 110R strike 035°/60° SE	<5	<0.2	54	8	56
91KT8 CR111R	float grab	sand ? stone		? serpentine sericite Py	10m. S. of 110R + magnetite Subcrop : angular	140	<0.2	7	14	38
91KT8 CR113R	grab	sand ? stone	chlorite calcite silica	finely dissem. Py, Pyrrh; magnetite	200m. E of 112 ? barite 030°/80°E magnetic	<5	<0.2	86	<2	42
91KT8 CR114R	float grab	sand stone/ qtzite breccia	silica	> 1% Py barite	@ 113R ? overlies sandstone? rock OC's on small cliffs above sample	<5	<0.2	63	10	78
91KT8 CR115R	grab	sand stone		minor Pyrite	125m N of 114R in same channel 088°/80° S	<5	<0.2	30	8	86
91KT7 CR116R	grab	conglo merate	carbonate	trace Py	805m. elev. ± 100m. N.W of Ket 6+7 C.P. calcite veins : trend 011°	<5	<0.2	4	<2	12
91KT7 CR117R	grab	diorite	trace epidote	trace Py	825m. elev: 700m. N. of 116R in gully 104°/86°S	<5	<0.2	39	2	70
91KT7 CR118R	3m. grab	granite shear			@ 117R : in contact w/ diorite 104°/86°S	<5	<0.2	48	4	64
91KT7 CR119R	grab	diorite	epidote	Py (Trace)	880m. elev: 400m. W of 118R: 118°/74° S.W.	<5	<0.2	33	4	56
91KT7 CR120R	.5m grab	diorite	epidote silica	minor Py	890m. elev: 100m. N.W. of 119R 160°/58° S.W.	<5	<0.2	34	12	62
91KT7 CR121R	grab	diorite	epidote	trace Py	860m. elev. 60m. W. of 120R 160°/88° SW	<5	<0.2	8	<2	78
91KT7 CR122R	grab	diorite	chlorite	sporadic Py	860m. elev: in NATHAN CK: 140°/76° S	<5	<0.2	13	<2	76
91KT7 CR123R	grab	conglo merate	chlorite	sporadic Py	910m. elev: ± 150m. N of 122 018°/82° W	<5	<0.2	5	8	46
91KT9 CR124R	grab	qtzite	chlorite epidote	minor Py	± 30m. N of DZ1R: 122°/68°S	<5	<0.2	48	<2	50
91KT9 CR125R	grab	qtzite	calcite	> 3% Py	± 10m N+W of 124R: 096°/54°N	<5	<0.2	191	2	78

C - CHIP G - GRAB F - FLOAT

COAST MOUNTAIN GEOLOGICAL LTD.

ROCK SAMPLE SHEET

Sampler C.J. RIDLEY
Date OCT 21

Property KET 10 GROUP

NTS 82E/3

SAMPLE NO.	Sample Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS				
		Rock Type	Alteration	Mineralization		Au	Ag	Cu	Pb	Zn
91KT9 CR126R	grab	qtzite	calcite silica	>2% Py	50-60m. NW of D19R: 152°/88°SW	<5	<0.2	62	6	80
91KT9 CR127R	grab	qtzite	chlorite epidote calcite		20m. NE of D19R:	<5	<0.2	9	2	30
91KT9 CR128R	grab	qtzite	chlorite calcite	>1% Py	± 90-100m. NW of C20R: 022°/86°E	<5	<0.2	115	2	58
91KT6 CR53R	grab	greenstone	chlorite calcite	traces of Py	100m. W. of CR28R: strike on fracture 012°	<5	<0.2	59	<2	42

LEGEND

- ▲ Rock Chip Sample
- ■ Rock Grab Sample
- ● Rock Float Sample
- Fault/Shear - Strike + Dip
- Bedding
- Fracturing/Foliation

Geochemical Values Expressed As:
Sample # (Au ppb, Cu ppm, Zn ppm)

N

0 100 200 500 1000 Metres

Scale 1:10,000

GEOLOGICAL BRANCH
ASSESSMENT REPORT

22,175

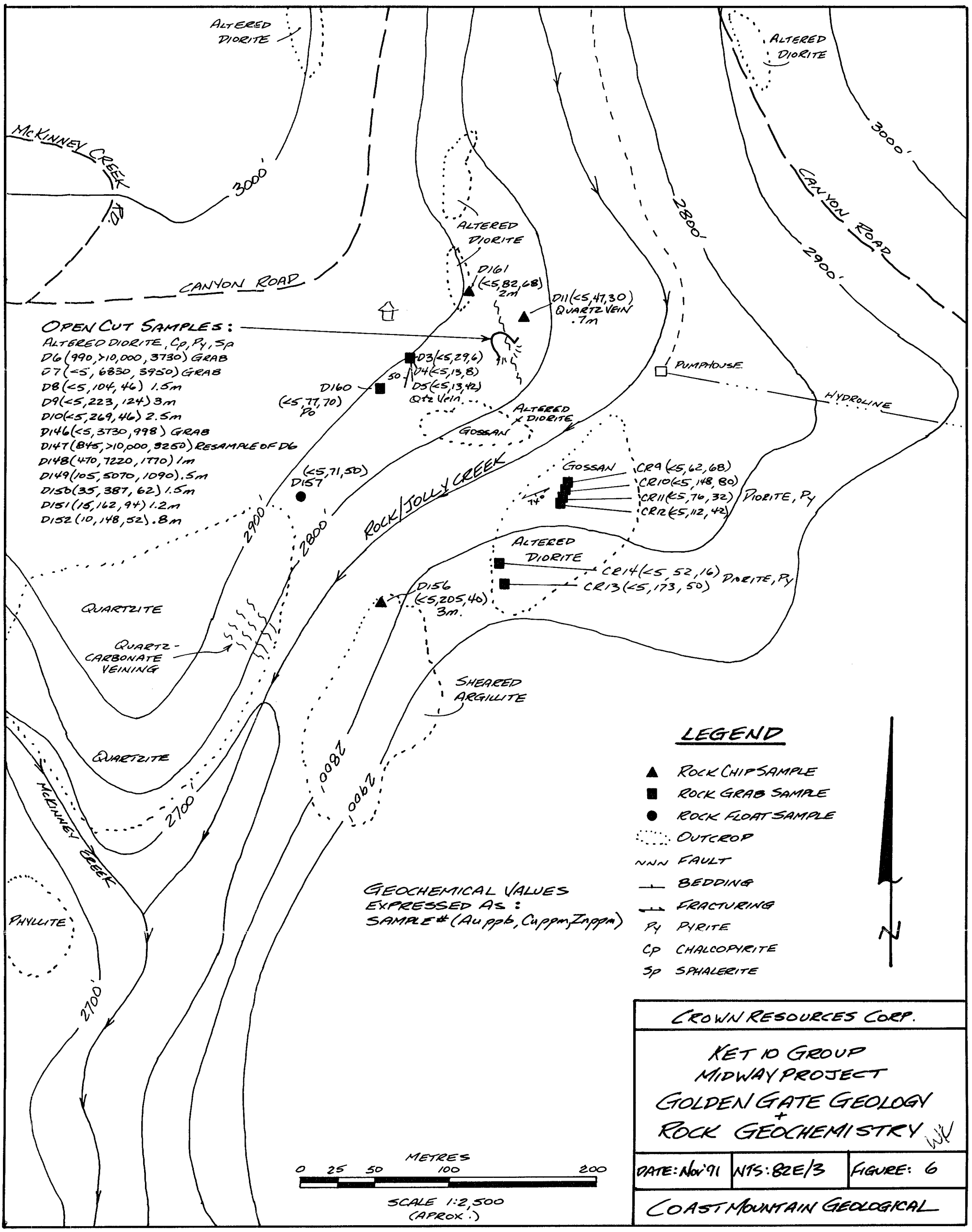
Crown Resources Corp.

Ket 10 Group
Midway Project

Rock Geochem Plan

Date: Nov '91	NTS: 82E/3	Figure: 5

Coast Mountain Geological



CROWN RESOURCES CORP.

KET 10 GROUP
MIDWAY PROJECT
GOLDEN GATE GEOLOGY + ROCK GEOCHEMISTRY

DATE: Nov '91	NTS: 82E/3	FIGURE: 6

COAST MOUNTAIN GEOLOGICAL