

1991 Summary Report

on the

Ket 18 Group

(Ket 14, Ket 17, Ket 18, Ket 24, Ket 29 and Ket 30 claims)

Osoyoos Mining Division
British Columbia

North Latitude 49.00'30" West Longitude 119.20'
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.

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Vancouver, B.C.
V6B 4N9

February 1991

22199

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GEOLOGICAL BRANCH
ASSESSMENT REPORT
 22,199

1991 Summary Report - Ket 18 Group

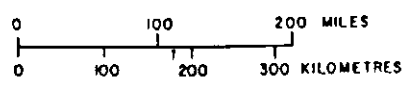
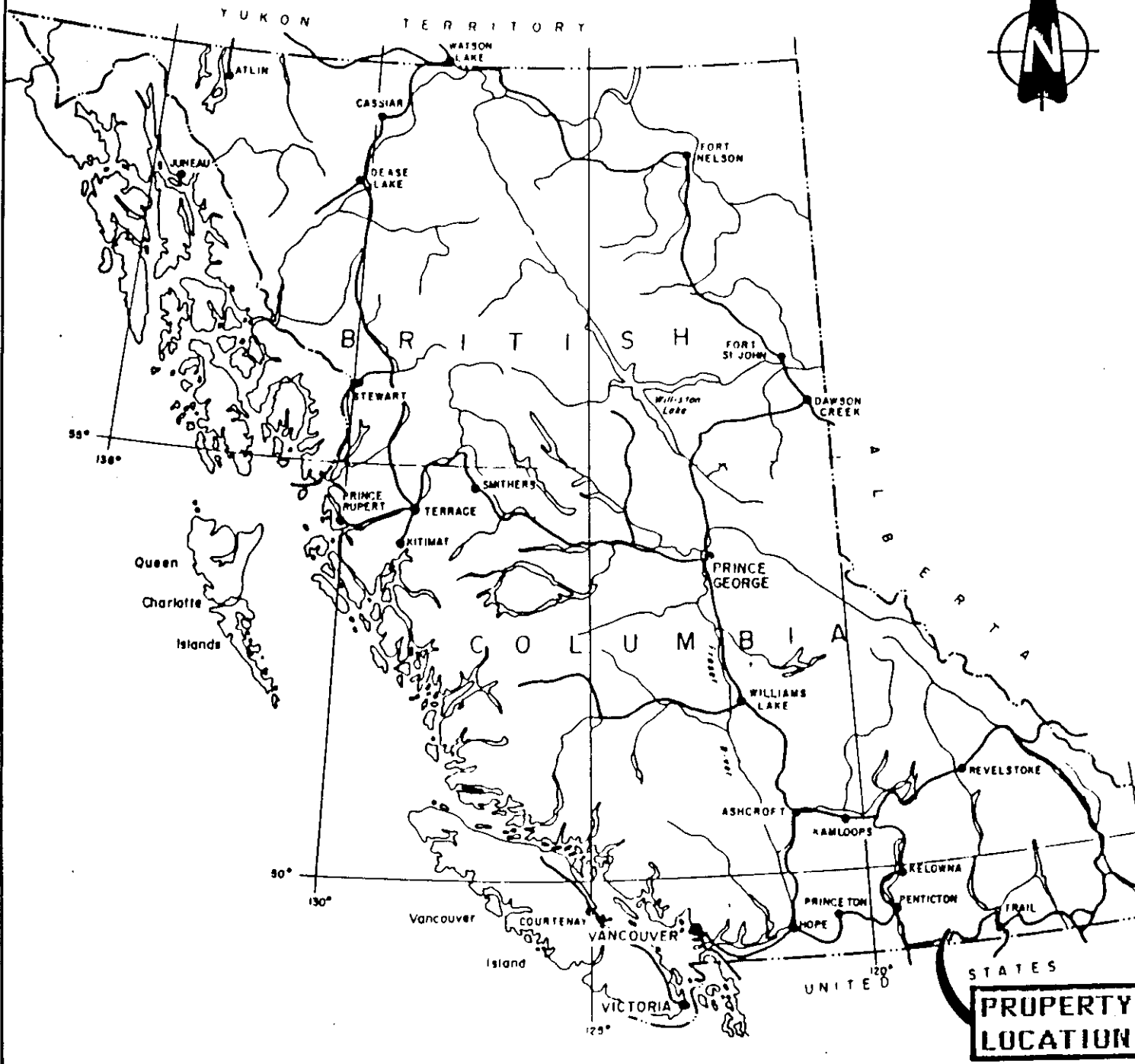
1.0 INTRODUCTION

1.1 Summary

The 1991 work program on the Ket 18 group (Ket 14, 17, 18, 24, 29, and 30 claims) was conducted during September and October of 1991, and consisted of reconnaissance prospecting to determine access, claim boundaries, rock types and alteration assemblages, followed by detailed rock sampling and prospecting traverses. During the program the Kehoe shaft and showings were located. Sampling in this area returned values of up to 100 ppb gold, 2,030 ppm copper, and >10,000 ppm zinc.

On the northwest side of Anarchist mountain a rock chip sample of limonite stained diorite with rose quartz stockwork-style veinlets, near a major regional intrusive-metasedimentary contact, returned values of 120 ppb gold and 80 ppm bismuth across two metres.

Prospecting traverses were conducted south of the highway down a steep, precipitous creek valley on the Ket 24 claim which roughly cuts a buried magnetic anomaly (Miller and Kushner, 1991). Magnetite was found to increase volumetrically to the south and constituted as much as 25% of the serpentinite exposed in the walls of the canyon. Although no precious or base metal anomalies were detected in rock or silt samples from this area, it is believed that this zone bears a strong relationship to the Molson area which hosts several strong gold prospects to the south of the Canadian



CROWN RESOURCES CORP.			
KET 18 GROUP			
PROPERTY LOCATION MAP			
OSOYDOS MINING DIVISION			
<i>WK</i> COAST MOUNTAIN GEOLOGICAL LTD.			
DRAWN BY: B.K.	NTS: 82E/3W	DATE: FEBRUARY, 1991	FIGURE: 1

border.

1.2 Location and Access

Highway #3 bisects the Ket 18, Ket 24 and Ket 29 claims (Figure 1). Ket 14, Ket 17 and Ket 30 are north of Highway #3 and are accessed to the north via good gravel logging roads. South of Highway #3 the claims are accessed via farm and bush roads.

The approximate center of the claim group lies nine kilometers east of Osoyoos along Highway #3 with the geographical coordinates 49°00'30" north latitude and 119°20' west longitude. The property lies against the Canada - U.S.A. border in the south central portion of the Osoyoos NTS map sheet 82E/3.

Nine Mile Creek is the major drainage on the east side of the claim group, while the peak of Anarchist Mountain is located in the south central part of the Ket 17 claim.

1.3 Physiography and Climate

Anarchist Mountain, in the northern part of the claim group, provides the local relief from an elevation of about 1600 meters at the summit to approximately 1240 meters near the International boundary.

Pine, larch, birch, poplar and meadow grasses cover the gently sloping sandy hillsides of the Ket 18 group.

SCALE 1:50,000

500 0 500 1000 2000
METERS

CROWN RESOURCES CORP.

KET 18 GROUP
CLAIM MAP

050Y005 MINING DIVISION

COAST MOUNTAIN GEOLOGICAL LTD.

DRAWN BY:
B.K.

NTS:
82E/3W

DATE:
FEBRUARY, 1991

FIGURE:
2

KET 18
GROUP

FOREST

KET 17

KET 30

KET 18

KET 14

KET 24

KET 29

Weather conditions are moderate with warm summers, mild winters and little precipitation.

1.4 Property Description

The Ket 18 group is located in the Osoyoos Mining Division of southern British Columbia. Crownex Resources (Canada) Ltd., a subsidiary of Crown Resources Corp., of Denver, Colorado, is the registered owner of the claim group, which is comprised of 6 claims covering approximately 2400 hectares. Table 1 summarizes the pertinent claim data.

TABLE 1: CLAIM STATUS-KET 18 GROUP

<u>Claim Name</u>	<u>Tenure Number</u>	<u>Units</u>	<u>Expiry Date*</u>
Ket 14	246880	20	09/12/92
Ket 17	246883	20	07/12/92
Ket 18	246878	12	28/11/92
Ket 24	246885	18	11/12/92
Ket 29	246938	6	15/03/93
Ket 30	246939	20	15/03/93

Total: 96 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 the McKinney Creek and the mines of Camp

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

In the 1960's and 1970's numerous magnetometer, VLF-EM and soil geochemistry surveys were carried out, concentrating primarily on Cu-Ni deposits. 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).

No record of any mineral production was found for lands within the Ket 18 claim group. One half of a kilometer west of the Ket 30 claim, a lead-zinc-copper prospect known as the Shell 1 was investigated in the mid-seventies. Anarchist Chrome explored a prospect some four kilometers east of the Ket 18 group and several strong gold prospects lie south of the Canadian border in the Molson area. It is interesting to note that coal was reserved in some land titles in this area.

The Kehoe showings were first discovered around the turn of century

although no records have been found which relate to this mineralization. Jim Kehoe, who owns the land where the showings occur, states that when his father homesteaded the land in approximately 1903, the shaft was dug and abandoned. He reports the shaft was about 70 feet deep with two short drives of about 50 feet at the bottom, but the shaft (along with several trenches) were inadvertently filled in during logging of his property in the early 1970's. The Kehoe shaft was sunk into an exposure of massive pyrite and pyrrhotite which exhibits minor sphalerite and chalcopyrite banding. The width and orientation of the structure cannot be determined as outcrop is scarce, but dump material suggests the massive mineralization to be at least 1.5 metres wide.

In 1981, work by B. Fenwick-Wilson claimed the mineralization "to be at least 170 meters wide and to extend for 3 miles NW and SE" (Ridley, 1991). Other trenches were reported to contain up to 4 feet of massive zinc mineralization, and are said to be located approximately 500 meters southeast of the Kehoe shaft area.

1.6 1991 Work Program

Twenty field days were spent on the Ket 18 group during the 1991 program. Work on the property consisted of reconnaissance prospecting traverses over most of the claim group. In addition, areas recommended from the 1990 field program were examined in detail. The Kehoe area was also closely examined to determine the significance of this mineralization.



SCALE 1 : 250,000

5 0 5 10
KILOMETERS

- Ek** KITLEY LAKE FORMATION: massive, yellowish to buff, trachyte to trachyandesite, diopside 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 (Dootie) and 44.2 Ma (whole rocks)
- Eyl** YELLOW LAKE FORMATION: massive to thick, tabular flows of buff to light tan trachyte-rich, mafic phonite; locally with rhombic anorthoclase phenocrysts and primary analcite; abundant acidic fiss cracks and amygdales; includes undifferentiated intrusive equivalents
- Esb** SPRINGBROOK FORMATION: poorly sorted, massive to thick bedded, immature coarse boulder and pebble conglomerate; clasts to 30 cm are rounded but of low sphericity and are locally derived (chert greenstone, granite, and other pre-Eocene rocks with fewer Marron Group clasts, many 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 after Gile Ever formation
- CRETACEOUS AND OR JURASSIC**
- JKg** OKANAGAN BATHOLITH: massive, light grey weathering, medium to coarse grained, equigranular to porphyritic, unfoliated to weakly foliated; fresh rock is 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 porphyritic biotite granodiorite, quartz diorite and granite; includes undifferentiated biotite granite of the Vahalla suite; age poorly constrained
- CARBONIFEROUS OR PERMIAN**
- CPk** ANGELO HILL GROUP: massive "chert" (largely silicified greenstones, greenstone and amphibolite); minor limestone or marble; minor "siltstone"; age unknown
- CARBONIFEROUS OR OLDER**
- CPa** ANAHCHEIST GROUP: dark grey weathering, recessive amphibolite, greenstone, quartz chlorite schist, quartz biotite schist, minor sericitized gneiss; "chert" breccia that resembles Tric; locally included CPa; gneiss and sericitized equivalents; CPa; amphibolite; age unknown

CROWN RESOURCES CORP.

KET 18 GROUP
REGIONAL GEOLOGY MAP

OSOYOOS MINING DIVISION

COAST MOUNTAIN GEOLOGICAL LTD.

DRAWN BY: B.K.	NTS: B2E/3W	DATE: FEBRUARY, 1991	FIGURE: 3
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UNITED STATES OF AMERICA

During the course of the present program a total of 80 rock and 2 silt samples were collected. Sample locations are shown on Figures 4 and 5. Sample descriptions and analytical results are presented in the appendices.

TABLE 2: PERSONNEL

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

2.0 GEOLOGY, GEOCHEMISTRY

2.1 Regional Geology

Middle Jurassic age and older Nelson Plutonic rocks lie to the west of the Ket 18 group (Figure 3). Carboniferous age and older Anarchist/Kobau rocks lie to the east. Greenstones of the Anarchist(?) Group rocks lie south of the Canadian border and appear to be part of a limestone-marble bearing metasedimentary sequence. The Eocene age Kettle River Formation rests unconformably on the Cretaceous and older rocks. Conglomerates, sandstones, shales and tuffs make up the Kettle River Formation lithologies. Pleistocene glaciation is evident at higher elevations, and in the valleys fluvio-glacial deposits are extensive.

2.2 Property Geology

Along the western edge of the claim group, a complex series of intrusions are in contact with Anarchist Group rocks (Figure 4). Foliated hornblende-granodiorite rocks trending northwest intrude

a metaquartzite along the western edge of the Ket 24 and Ket 30 claims. Matrix supported massive sulphide breccia with gneissic fragments is developed along the contact. Most of the claim block is covered by overburden, but magnetic responses in Ket 24 suggest that magnetite bearing greenstone occurs below the silty soils. Nelson Plutonic rocks on Anarchist Mountain contain 1-2% magnetite near their metasedimentary contact and are most likely responsible for the airborne magnetic high to the northeast of the summit.

2.2.1 Prospecting Observations (Ridley, 1991)

Outcrop exposure over most of the property is limited, with large areas of thick unconsolidated glacial debris masking the underlying formations (Figure 4). The western slopes of Anarchist Mountain, together with a steep precipitous creek valley south of Highway 3, provide the most extensive rock exposures on the property. Disseminated and banded pyrite was found in many exposures in the area and many of these were explored in the past by trenches and pits, most of which are now filled in. The remaining dump material provides an insight into the character of the mineralization.

Along the western edge of the Ket 18 group, a complex series of intrusions related to Jurassic-Cretaceous Nelson batholith are in contact with Carboniferous and older Anarchist Group greenstones, quartz-chlorite schist and related metasediments.

The Gustershaw showing, located just off the western edge of the

Ket 30 claim, is in close proximity to the contact between the Nelson intrusive and the Anarchist Group. The showing consists of an open-cut on a two meter wide pyritic shear trending 150/60°NE, hosted in quartz-biotite-chlorite schist, which is in turn intruded by a rhyolite dyke. Sampling across the structure failed to detect gold in this portion of the structure. Greenschists immediately east of the showing on the steep hillside contained narrow (0.5 cm) magnetite veinlets, generally following the main foliation trend of 140/70°E.

Greenstones and schists of the Anarchist Group are found in outcrops through the central portions of the Ket 30 and 18 claims, as well as in the western portion of the Ket 24 claim. Exposures typically contain minor disseminated pyrite, pyrrhotite and magnetite.

The Kehoe showing is located in the southeastern quarter of the Ket 30 claim. Although the shaft was backfilled, dump material remaining on surface suggests the mineralization consists of massive pyrite and pyrrhotite containing indistinct relict banding of sphalerite and chalcopyrite. The showing is hosted in a siliceous metaquartzite, and mineralization appears to lay along the main foliation trend of 130/50°SW. An exposure of chlorite schist with disseminated and massive magnetite-pyrite mineralization outcrops about 500 meters southeast of the Kehoe shaft.

Outcrops of chlorite schist containing fine disseminations and thin laminations of pyrite with minor sphalerite are exposed adjacent to a well house about 100 meters southwest of the Kehoe shaft.

A carbonaceous black phyllite unit outcrops along the southwestern spur of Anarchist mountain close to the assumed contact with a thick package of rusty-weathering quartz-biotite schists, forming extensive outcrops on the summit, and granodiorite to diorite outcrops on the northeastern face of Anarchist mountain.

Another dioritic intrusive body is inferred to lie along the eastern flank of the mountain as evidenced by abundant angular diorite float and a magnetometer high from the 1989 aeromagnetic survey data (Basil, 1990).

The country east of Anarchist mountain is covered by a thick blanket of unconsolidated glacial sediments obscuring the underlying rock types. Magnetite content of the rocks increases dramatically to the south and the average content of the serpentinites in the southern exposures exceeded 25% by volume. This magnetite rich zone is thought to be the extension of the Molson trend presently being explored in Washington State, and is likely the cause of magnetic highs in the area.

2.3 Structure

The predominant structure is the brecciated massive sulphide zone

bearing north 45. west, trending along a faulted(?) intrusive metasedimentary contact that cuts the west half of the Ket 24 and Ket 30 claims.

2.4 Mineralization and Associated Alteration

Pyrrhotite, magnetite, pyrite and chalcopyrite occur in a highly silicious breccia. Magnetite, pyrrhotite and/or pyrite are usually found as disseminated euhedral grains in epidote-calcite rich greenstones. Disseminated grains of magnetite are found as part of the rock matrix in the fresh granodiorite found on Anarchist Mountain.

2.5 Geochemistry

The highest gold value found in the Kehoe shaft area returned 100 ppb (sample D137R). Additional sampling of this area indicates that the Kehoe showings contain over 1% zinc and 0.2% copper.

Gold with associated high bismuth values was detected near the intrusive/metasedimentary contact on the northeast face of Anarchist mountain (sample D122R). The mineralization occurs in a diorite containing stockwork-style veinlets of rose to amber coloured quartz and no visible sulphide minerals. Anomalous barium values appear to be related to this zone.

Anomalous chromium, nickel and associated magnesium values were

obtained from rock and silt samples south of the highway on the Ket 24 claim. The area was found to be underlain by magnetite-rich serpentinites. No gold was detected in this area.

TABLE 3: ANOMALOUS ROCK GEOCHEMISTRY

<u>Sample</u>	<u>Rock Type</u>	<u>Mineralization</u>	<u>Geochemistry</u>
D122R	diorite/rose qtz		120 ppb Au
		Kehoe Showings	
D39R	Greenstone	po, sp, cp	55 ppb Au, 2030 ppm Cu, >10,000 ppm Zn
D128R	Massive sulphide	py, po, (cp)	70 ppb Au, 227 ppm Cu, >10,000 ppm Zn
D130R		po, sp, cp	20 ppb Au, 962 ppm Cu, >10,000 ppm Zn
D137R	Chlorite Schist	py	100 ppb Au, 960 ppm Cu, 3310 ppm Zn

3.0 DISCUSSION

The Kehoe area contains the most favorable mineralization found on the Ket 18 group during the 1991 field program. The widespread, banded pyrite mineralization can be found in widely scattered outcrops over an area of at least 400 x 700 meters. Crude, indistinct sphalerite-chalcopyrite banding appears in the mineralized dump material at the Kehoe shaft, indicating possible strataform-type mineralization. The Kehoe area showed little evidence of skarn-type mineralization or alteration assemblages, but appears to fit into a strataform-type or volcanogenic massive sulphide model. Additional prospecting in the area may uncover further zones of precious metal mineralization.

A sample from the northeastern face of Anarchist mountain yielded 120 ppb gold across 2 metres. The sample is close to an assumed intrusive-metasediment contact. Several samples taken of diorite from the northeast face of Anarchist Mountain returned no detectable gold. The intrusive-metasediment contact should be located and sampled to see if the contact is the source of the high gold values.

The large magnetic anomaly on the Ket 24 and 29 claims is likely a result of the high concentrations of magnetite found in the serpentinite. However, as only a small portion of the entire magnetic anomaly was examined in outcrop, two reconnaissance soil lines cutting across the Ket 24 and 29 claims from east to west and bisecting the anomaly would be useful in further evaluation of this feature.

4.0 RECOMMENDATIONS

Additional work on the Ket 18 group is recommended in the form of:

i) Grid layout followed by detailed rock sampling, geological mapping and geophysical surveys in the Kehoe area to determine the extent and nature of mineralization found in this area. Due to the massive sulphide nature of the mineralization a VLF-EM survey is highly recommended.

ii) Detailed geological mapping and rock sampling near the

assumed intrusive-metasediment contact on the northeast face of Anarchist mountain to determine the true significance of an anomalous gold-bismuth sample found in this area.

iii) Reconnaissance soil lines bisecting the magnetic anomaly east-west across the Ket 24 and western edge of the Ket 29 claims. Subsequent detailed grid-based work including soil sampling, geological mapping and geophysical surveys would may be conducted if the initial program warrants it.

Sincerely submitted,

A handwritten signature in black ink, appearing to read 'Willie Kushner', with a long horizontal flourish extending to the right.

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 18 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 18th 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: 792 kms. @ \$0.35/km	277.20

SAMPLE ANALYSIS

80 rocks @ \$15.00/sample	1200.00
3 silts @ \$10.00/sample	30.00

ROOM and BOARD

10 crew days @ \$80/day (all inclusive)	800.00
---	--------

EXPENSES

Communications	43.10
Field Expendables	45.00

MOB/DEMOB

380.00

REPORT PREPARATION and PRODUCTION

800.00

Subtotal	8575.30
----------	---------

13.5% MANAGEMENT FEE

1157.67

7% GST

681.31

TOTAL COSTS	10,414.28
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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 fieldwork on the Ket 18 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 specimen 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.



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.

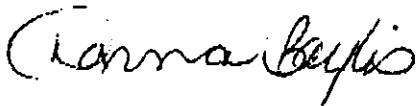
It appears we picked up some contamination from a mineralized set sent through the geochem prep circuit. Although we take every precaution to minimize contamination by having separate circuits for trace and ore grade samples, occasionally a client will mark that the samples are trace when in fact they 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.

Mr. R. Miller
Page 2
October 20, 1991

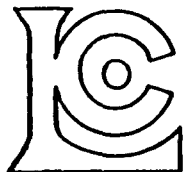
Copies of all these Certificates of Analysis are enclosed and there is, as we discussed, no charge. Please accept our sincere apologies for this problem, we understand it was particularly frustrating because the initial results worked out according to the skarn geology.

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

Page Number: 1-A
Total Pages: 1
Certificate Date: 20-SEP-91
Invoice No.: I9121763
P.O. Number:

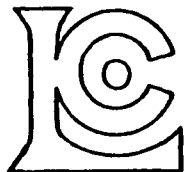
Project: MIDWAY
Comments: ATTN:CHRIS HERALD CC:R.MILLER CC:J.SHANNON CC:M.SAWIUK

contaminated samples

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
91KT14CR37R	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
91KT17CR30R	205 294	80	< 0.2	3.38	< 5	240	< 0.5	< 2	2.57	< 0.5	20	27	161	8.47	< 10	< 1	0.09	< 10	5.28	1060
91KT17CR30R	205 294	1150	< 0.2	3.03	20	810	< 0.5	< 2	4.05	0.5	30	89	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	87	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	55	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	90	< 0.5	< 2	0.44	< 0.5	8	8	96	2.97	< 10	< 1	0.16	< 10	0.59	275
91KT27D31R	205 294	310	0.2	2.10	20	160	< 0.5	< 2	6.38	0.5	10	285	97	8.04	< 10	< 1	0.22	< 10	0.22	200
91KT27D32R	205 294	2180	1.2	2.31	60	120	< 0.5	< 2	7.93	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	3.85	1.5	30	161	81	6.60	10	< 1	0.15	10	2.56	900
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	60	< 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. Coughlin*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
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To: CROWN RESOURCE CORPORATION
SEVENTEENTH STREET PLAZA
1225 17TH ST., STE. 1500
DENVER, COLORADO
80202

Page Number : 1-B
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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
91KT14CR37R	205 294	2	0.09	2	690	108	< 5	4	57	0.08	< 10	< 10	56	< 10	52
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	54
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
91KT18D35R	205 294	2	0.02	5	160	52	< 5	2	30	0.06	< 10	< 10	8	< 10	100
91KT27D32R	205 294	< 1	0.02	344	660	142	< 5	10	487	0.01	< 10	< 10	86	10	378
91KT27D33R	205 294	< 1	0.04	102	680	62	< 5	20	178	0.01	< 10	< 10	188	10	206
91KT30D36R	205 294	3	0.04	4	340	12	< 5	9	5	0.40	< 10	< 10	178	< 10	520
91KT30D37R	205 294	7	0.03	16	440	4	< 5	8	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	< 5	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	22	< 5	< 1	6	< 0.01	< 10	< 10	7	< 10	636
91KT30D43R	205 294	7	< 0.01	15	200	2	< 5	14	3	0.01	< 10	< 10	118	< 50	528
91KT30D44R	205 294	< 1	0.01	34	360	10	< 5	20	67	0.06	< 10	< 10	153	20	184

CERTIFICATION:

B. Coughlin



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To: CROWN RESOURCE CORPORATION
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DENVER, COLORADO
80202

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

CERTIFICATE OF ANALYSIS A9121974

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
91KT17CR39R	205 294	< 5	< 0.2	2.26	5	40	< 0.5	< 2	1.09	< 0.5	6	29	31	2.60	< 10	< 1	0.17	< 10	0.74	430
91KT17D46R	205 294	< 5	< 0.2	9.02	< 5	1290	< 0.5	2	4.23	1.0	12	112	80	3.85	20	< 1	1.00	10	1.65	150
91KT18CR38R	205 294	< 5	< 0.2	4.03	< 5	110	< 0.5	2	0.61	1.0	33	22	96	7.98	< 10	< 1	0.24	< 10	2.82	820
91KT24CR40R	205 294	< 5	< 0.2	1.41	< 5	420	< 0.5	8	0.98	< 0.5	12	94	60	3.00	10	< 1	0.14	20	1.44	345
91KT24CR41R	205 294	< 5	< 0.2	0.11	25	10	< 0.5	< 2	0.30	< 0.5	65	656	22	4.51	< 10	< 1	< 0.01	< 10	10.35	305
91KT24CR42R	205 294	< 5	< 0.2	0.16	20	< 10	< 0.5	8	1.05	< 0.5	64	656	17	4.29	< 10	< 1	< 0.01	< 10	11.95	410
91KT24CR43R	205 294	< 5	< 0.2	0.08	40	< 10	< 0.5	14	0.42	< 0.5	85	981	3	5.92	< 10	< 1	< 0.01	< 10	14.45	570
91KT24D47R	205 294	< 5	< 0.2	0.15	15	< 10	< 0.5	2	0.05	< 0.5	55	1130	2	4.30	< 10	< 1	< 0.01	< 10	>15.00	990
91KT24D48R	205 294	< 5	< 0.2	0.20	< 5	< 10	< 0.5	4	0.13	< 0.5	83	1280	9	4.62	< 10	< 1	< 0.01	< 10	13.80	820
91KT24D49R	205 294	< 5	< 0.2	0.21	20	< 10	< 0.5	< 2	0.43	< 0.5	54	1225	4	4.79	< 10	< 1	< 0.01	< 10	14.30	405
91KT27D51R	205 294	< 5	< 0.2	0.74	45	10	< 0.5	< 2	12.70	< 0.5	4	90	5	2.56	20	< 1	< 0.01	10	0.43	980
91KT27D52R	205 294	< 5	< 0.2	2.81	25	< 10	< 0.5	8	>15.00	< 0.5	4	60	96	6.39	30	< 1	< 0.01	10	0.49	1190
91KT27D53R	205 294	10	< 0.2	1.13	100	10	< 0.5	< 2	>15.00	< 0.5	4	85	16	2.81	30	< 1	0.01	10	0.50	1045
91KT27D54R	205 294	< 5	< 0.2	0.37	35	< 10	< 0.5	< 2	4	< 0.5	11	132	9	2.16	10	< 1	< 0.01	10	0.39	665
91KT27D55R	205 294	< 5	< 0.2	2.15	30	120	< 0.5	4	0.77	< 0.5	27	50	74	5.92	20	< 1	0.33	10	1.12	860
91KT27D56R	205 294	< 5	< 0.2	0.33	< 5	10	< 0.5	2	2.36	< 0.5	3	235	7	1.28	< 10	< 1	< 0.01	< 10	0.19	395
91KT30D45R	205 294	< 5	< 0.2	1.36	5	160	< 0.5	8	8.14	2.5	21	99	212	6.84	10	< 1	0.76	10	0.85	1275

CERTIFICATION:

B. Conklin



Chemex Labs Inc.

Analytical Chemists * Geochemists * Registered Assayers
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To: CROWN RESOURCE CORPORATION
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Page Number : 1-B
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Invoice No. : 19121974
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Project : MIDWAY
Comments: ATTN: CHRIS HERALD CC: J. SHANNON CC: R. MILLER CC: M. SAWIUK

CERTIFICATE OF ANALYSIS

A9121974

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
91KT17CR39R	205 294	1	0.04	4	720	4	< 5	1	59	0.08	< 10	< 10	38	< 10	46
91KT17D46R	205 294	1	0.41	26	680	4	< 5	23	181	0.13	< 10	< 10	210	< 10	74
91KT18CR38R	205 294	< 1	0.02	7	1300	< 2	< 5	7	14	0.23	< 10	< 10	110	< 10	68
91KT24CR40R	205 294	1	0.11	32	1470	6	< 5	4	63	0.24	< 10	< 10	68	< 10	56
91KT24CR41R	205 294	< 1	< 0.01	1440	< 10	4	< 5	5	6	< 0.01	< 10	< 10	17	< 10	10
91KT24CR42R	205 294	1	< 0.01	1255	< 10	4	< 5	5	39	< 0.01	< 10	< 10	22	< 10	10
91KT24CR43R	205 294	1	< 0.01	1630	10	< 2	< 5	4	15	< 0.01	< 10	< 10	17	< 10	14
91KT24D47R	205 294	< 1	< 0.01	1085	20	2	< 5	4	2	< 0.01	< 10	< 10	23	< 10	12
91KT24D48R	205 294	< 1	< 0.01	987	< 10	< 2	< 5	5	5	< 0.01	< 10	< 10	24	< 10	14
91KT24D49R	205 294	< 1	< 0.01	1055	< 10	4	< 5	5	6	< 0.01	< 10	< 10	28	< 10	14
91KT27D51R	205 294	< 1	< 0.01	14	120	< 2	< 5	3	95	0.01	< 10	< 10	24	< 10	10
91KT27D52R	205 294	< 1	< 0.01	8	30	2	< 5	3	19	0.01	< 10	< 10	47	< 10	14
91KT27D53R	205 294	< 1	< 0.01	7	20	< 2	5	1	115	0.01	< 10	< 10	26	< 10	8
91KT27D54R	205 294	1	< 0.01	24	990	< 2	< 5	6	28	0.01	< 10	< 10	9	< 10	30
91KT27D55R	205 294	2	0.08	18	490	< 2	< 5	9	87	0.16	< 10	< 10	236	< 10	58
91KT27D56R	205 294	< 1	< 0.01	8	80	< 2	< 5	< 1	35	< 0.01	< 10	< 10	9	< 10	8
91KT30D45R	205 294	6	0.06	67	600	4	< 5	9	37	0.12	< 10	< 10	89	< 10	174

CERTIFICATION:



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
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PHONE: 604-984-0221

To: HEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
V7J 2C1

Project: MIDWAY
Comments: ATTN: DE VINH

Form: umb: A
Total Pages: 1
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
91KT6CR28R	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
91KT14CR37R	205 294	< 5	< 0.2	1.38	5	130	< 0.5	< 2	0.33	< 0.5	1	79	96	2.37	< 10	< 1	0.68	10	0.79	365
91KT18CR31R	205 294	< 5	< 0.2	3.06	10	310	2.5	< 2	1.80	< 0.5	12	78	73	3.75	30	< 1	1.09	190	1.46	425
91KT27CR30R	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
91KT30CR32R	205 294	45	0.4	0.35	< 5	30	< 0.5	< 2	0.15	>100.0	20	53	2420	>15.00	< 10	< 1	0.21	< 10	0.03	70
91KT30CR33R	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
91KT30CR34R	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
91KT30CR35R	205 294	< 5	< 0.2	6.30	30	90	< 0.5	4	0.58	< 0.5	15	46	95	8.74	< 10	< 1	0.09	< 10	5.47	1075
91KT30CR36R	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
91KT18D35R	205 294	< 5	1.0	1.24	5	80	< 0.5	< 2	0.59	< 0.5	7	101	75	2.92	< 10	< 1	0.14	< 10	0.57	260
91KT27D32R	205 294	< 5	< 0.2	2.95	5	110	< 0.5	2	7.99	1.0	38	430	54	7.54	20	< 1	0.19	10	1.63	770
91KT27D33R	205 294	< 5	< 0.2	3.46	< 5	110	< 0.5	< 2	4.4	1.0	29	208	52	7.01	20	< 1	0.12	10	2.81	960
91KT30D36R	205 294	35	0.6	2.56	30	50	< 0.5	< 2	0.17	1.0	20	56	71	11.00	< 10	< 1	0.26	< 10	1.92	1365
91KT30D37R	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
91KT30D38R	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
91KT30D39R	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
91KT30D40R	205 294	< 5	< 0.2	3.48	5	100	< 0.5	4	2.28	3.0	28	70	42	6.96	< 10	< 1	0.46	< 10	2.25	1430
91KT30D41R	205 294	< 5	< 0.2	4.05	15	220	< 0.5	< 2	4.83	< 0.5	28	183	95	5.57	< 10	< 1	0.45	< 10	3.20	810
91KT30D42R	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
91KT30D43R	205 294	< 5	< 0.2	3.74	20	30	< 0.5	8	0.02	0.5	70	188	326	>15.00	< 10	< 1	0.08	< 10	3.17	650
91KT30D44R	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. Campbell

NOV-08-1991 01:06PM FROM CROWN RESOURCES CHEMICAL TO 16046874670 H.01



Chemex Labs Ltd.

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Project: MIDWAY
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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
91KT6CR28R	205 294	3	2.31	10	2600	50	< 5	1	1670	0.27	< 10	< 10	85	< 10	52
91KT14CR37R	205 294	2	0.10	3	720	18	< 5	5	59	0.12	< 10	< 10	62	< 10	54
91KT18CR31R	205 294	4	1.22	32	4110	30	< 5	2	569	0.21	< 10	< 10	109	< 10	62
91KT27CR30R	205 294	< 1	0.04	32	1020	4	< 5	27	307	0.36	< 10	< 10	212	< 10	90
91KT30CR32R	205 294	4	0.01	12	110	16	< 5	2	2	0.10	< 10	< 10	11	< 50	>10000
91KT30CR33R	205 294	3	0.01	11	330	114	< 5	3	1	0.12	< 10	< 10	33	< 50	>10000
91KT30CR34R	205 294	3	0.02	15	90	10	< 5	5	1	0.12	< 10	< 10	54	< 50	1575
91KT30CR35R	205 294	< 1	0.01	8	570	12	< 5	33	7	0.43	< 10	< 10	249	< 10	174
91KT30CR36R	205 294	6	< 0.01	41	140	2	5	27	1	0.01	< 10	< 10	176	< 50	454
91KT18D35R	205 294	4	0.05	3	170	4	< 5	2	48	0.07	< 10	< 10	8	< 10	30
91KT27D32R	205 294	< 1	0.01	382	660	20	< 5	10	50	< 0.01	< 10	< 10	96	< 10	110
91KT27D33R	205 294	< 1	0.02	104	760	6	< 5	23	18	< 0.01	< 10	< 10	209	< 10	106
91KT30D36R	205 294	5	0.04	9	340	8	< 5	10	8	0.43	< 10	< 10	202	< 10	650
91KT30D37R	205 294	10	0.02	15	410	4	< 5	8	2	0.10	< 10	< 10	144	< 50	>10000
91KT30D38R	205 294	3	0.03	13	460	8	< 5	6	1	0.15	< 10	< 10	64	< 50	>10000
91KT30D39R	205 294	3	0.03	6	410	4	< 5	15	1	0.20	< 10	< 10	272	< 50	>10000
91KT30D40R	205 294	4	0.02	21	670	10	5	6	18	0.31	< 10	< 10	214	< 10	932
91KT30D41R	205 294	< 1	0.02	35	370	2	< 5	11	34	0.32	< 10	< 10	218	< 10	118
91KT30D42R	205 294	< 1	0.03	6	100	12	< 5	< 1	5	< 0.01	< 10	< 10	6	< 10	556
91KT30D43R	205 294	11	< 0.01	14	220	6	< 5	14	2	0.01	< 10	< 10	114	< 10	476
91KT30D44R	205 294	< 1	0.02	35	420	8	< 5	27	53	0.09	< 10	< 10	189	< 10	142

B. C. ...

NOV-08-1991 01:07PM FROM CROWN RESOURCES CHESEA TO 16046874670 P.08



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

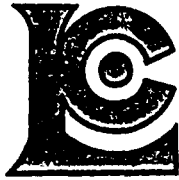
Page Number :1-A
Total Pages :1
Certificate Date:25-OCT-91
Invoice No. :19123382
P.O. Number :

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

CERTIFICATE OF ANALYSIS A9123382

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
91KT17CR74R	205 294	< 5	< 0.2	1.48	< 5	620	< 0.5	< 2	0.07	< 0.5	1	144	42	2.93	< 10	< 1	0.53	< 10	0.72	205
91KT17D111R	205 294	< 5	< 0.2	3.93	5	240	< 0.5	< 2	1.80	6.0	8	184	85	3.18	10	< 1	0.35	10	0.86	185
91KT17D112R	205 294	< 5	< 0.2	5.11	< 5	340	< 0.5	< 2	2.05	1.0	6	92	31	2.75	10	1	0.53	< 10	1.04	355
91KT17D113R	205 294	< 5	< 0.2	3.11	10	680	< 0.5	< 2	0.71	< 0.5	5	132	46	2.63	10	< 1	1.05	< 10	1.27	290
91KT17D119R	205 294	< 5	< 0.2	1.26	< 5	130	< 0.5	< 2	1.27	< 0.5	16	66	38	4.18	10	< 1	0.19	30	1.62	615
91KT17D120R	205 294	< 5	< 0.2	7.25	< 5	450	< 0.5	< 2	3.67	1.0	11	122	75	3.02	20	< 1	0.38	< 10	1.13	330
91KT17D121R	205 294	< 5	< 0.2	4.93	5	1040	< 0.5	< 2	1.40	0.5	8	121	55	3.94	10	< 1	0.77	10	1.78	450
91KT17D122R	205 294	120	< 0.2	2.84	< 5	280	1.0	80	0.76	0.5	8	122	28	2.79	10	< 1	1.17	< 10	0.95	685
91KT17D123R	205 294	< 5	1.4	0.33	30	350	< 0.5	< 2	0.04	< 0.5	1	251	15	1.50	< 10	< 1	0.13	< 10	0.04	35
91KT27D99R	205 294	25	< 0.2	1.86	< 5	30	< 0.5	< 2	0.21	0.5	12	180	61	10.55	< 10	< 1	0.25	< 10	0.93	155
91KT27D100R	205 294	20	< 0.2	0.55	< 5	10	< 0.5	4	0.32	0.5	47	78	223	>15.00	< 10	< 1	0.02	< 10	0.28	500
91KT27D101R	205 294	15	0.2	1.40	10	10	< 0.5	< 2	>15.00	0.5	4	53	18	1.24	40	< 1	0.01	20	0.20	405
91KT27D102R	205 294	< 5	< 0.2	1.37	< 5	40	< 0.5	< 2	>15.00	1.0	5	80	27	1.37	40	< 1	0.04	20	0.34	525
91KT27D103R	205 294	< 5	< 0.2	1.70	15	210	< 0.5	< 2	5.4	1.0	8	64	49	4.15	30	< 1	0.15	30	0.81	600
91KT27D104R	205 294	< 5	< 0.2	1.71	10	< 10	< 0.5	< 2	0.00	0.5	6	25	22	1.43	30	< 1	0.01	10	0.11	190
91KT27D105R	205 294	< 5	< 0.2	3.05	5	80	< 0.5	< 2	4.01	0.5	24	64	68	6.93	20	< 1	0.21	10	2.83	1010
91KT27D106R	205 294	330	< 0.2	3.02	10	50	< 0.5	< 2	0.18	1.0	51	211	194	>15.00	< 10	< 1	0.14	< 10	1.19	1340
91KT27D107R	205 294	15	< 0.2	2.64	5	50	< 0.5	< 2	4.90	0.5	17	28	69	5.99	20	< 1	0.07	10	1.60	805
91KT27D108R	205 294	175	< 0.2	0.15	20	20	< 0.5	< 2	0.10	< 0.5	3	248	49	5.62	< 10	< 1	0.04	< 10	0.02	355
91KT30CR73R	205 294	< 5	< 0.2	2.40	< 5	60	< 0.5	< 2	2.16	< 0.5	10	84	44	1.65	10	< 1	0.16	< 10	1.03	235
91KT30CR75R	205 294	< 5	< 0.2	1.10	5	20	< 0.5	< 2	2.90	< 0.5	12	99	72	2.55	10	< 1	< 0.01	< 10	0.06	1360
91KT30CR76R	205 294	15	< 0.2	0.66	< 5	130	< 0.5	< 2	0.08	< 0.5	1	132	16	0.93	< 10	< 1	0.13	< 10	0.10	100
91KT30CR77R	205 294	< 5	< 0.2	2.01	15	320	< 0.5	< 2	0.60	0.5	2	93	22	5.94	< 10	< 1	0.18	< 10	0.33	80
91KT30CR78R	205 294	< 5	< 0.2	6.15	< 5	220	< 0.5	< 2	3.27	0.5	10	64	103	2.70	20	1	0.09	< 10	0.81	250
91KT30CR79R	205 294	< 5	< 0.2	7.74	5	390	< 0.5	2	3.91	0.5	10	40	119	3.14	20	< 1	0.47	< 10	1.15	260
91KT30CR80R	205 294	< 5	< 0.2	3.30	< 5	1570	< 0.5	< 2	0.10	0.5	6	154	29	4.21	10	< 1	1.72	< 10	2.05	280
91KT30CR81R	205 294	< 5	< 0.2	2.40	< 5	1610	< 0.5	< 2	0.08	0.5	4	109	18	3.29	< 10	< 1	1.24	< 10	1.57	195
91KT30D109R	205 294	< 5	< 0.2	0.94	< 5	30	< 0.5	< 2	0.60	< 0.5	7	38	16	1.83	< 10	< 1	0.06	< 10	0.54	155
91KT30D110R	205 294	< 5	< 0.2	0.74	< 5	50	< 0.5	< 2	0.54	< 0.5	1	166	38	1.56	< 10	1	0.04	< 10	0.32	140
91KT30D114R	205 294	< 5	< 0.2	1.59	< 5	60	< 0.5	< 2	1.52	< 0.5	9	50	12	3.00	20	< 1	0.10	60	1.15	510
91KT30D115R	205 294	< 5	< 0.2	2.44	5	50	< 0.5	< 2	4.69	< 0.5	7	29	56	1.04	10	< 1	0.02	10	0.10	295
91KT30D116R	205 294	< 5	0.6	3.17	25	400	< 0.5	8	1.40	3.5	9	126	100	4.96	10	< 1	0.68	10	1.15	285
91KT30D117R	205 294	5	< 0.2	0.28	< 5	260	< 0.5	< 2	6.72	1.5	4	98	37	>15.00	10	< 1	0.11	10	0.04	35
91KT30D118R	205 294	< 5	< 0.2	0.45	160	30	< 0.5	< 2	4.82	1.5	3	198	66	13.45	10	2	0.02	10	0.04	45

B.T.S.



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Invoice No. :19123382
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Project : MIDWAY
Comments: ATTN: CHRIS HERALD CC:R. MILLER CC:J. SHANNON CC:M. SAWIUK

CERTIFICATE OF ANALYSIS

A9123382

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
91KT17CR74R	205 294	12	0.04	4	580	< 2	< 5	2	19	0.04	< 10	< 10	45	< 10	48
91KT17D111R	205 294	6	0.24	34	710	4	< 5	5	98	0.07	< 10	< 10	120	< 10	358
91KT17D112R	205 294	1	0.58	6	670	< 2	< 5	4	218	0.13	< 10	< 10	79	< 10	62
91KT17D113R	205 294	54	0.24	10	420	< 2	< 5	10	74	0.11	< 10	< 10	93	< 10	62
91KT17D119R	205 294	< 1	0.13	28	1970	< 2	< 5	9	154	0.18	< 10	< 10	107	< 10	66
91KT17D120R	205 294	3	0.85	7	750	2	< 5	6	375	0.07	< 10	< 10	81	< 10	64
91KT17D121R	205 294	4	0.21	12	610	2	< 5	19	86	0.12	< 10	< 10	191	< 10	84
91KT17D122R	205 294	16	0.18	6	800	< 2	< 5	2	92	0.13	< 10	< 10	60	< 10	148
91KT17D123R	205 294	3	< 0.01	12	850	< 2	< 5	1	27	< 0.01	< 10	< 10	21	< 10	36
91KT27D99R	205 294	4	0.01	18	1070	< 2	< 5	5	11	0.06	< 10	< 10	94	< 10	34
91KT27D100R	205 294	20	< 0.01	46	660	< 2	5	3	11	< 0.01	< 10	< 10	87	< 50	26
91KT27D101R	205 294	< 1	< 0.01	11	1100	4	< 5	2	131	0.05	< 10	< 10	31	< 10	72
91KT27D102R	205 294	< 1	0.01	21	830	2	< 5	1	172	0.06	< 10	< 10	33	10	64
91KT27D103R	205 294	5	0.03	32	1160	< 2	5	6	148	0.09	< 10	< 10	49	< 10	154
91KT27D104R	205 294	< 1	< 0.01	9	360	< 2	< 5	1	53	0.05	< 10	< 10	14	< 10	54
91KT27D105R	205 294	1	0.02	10	580	< 2	< 5	25	97	0.08	< 10	< 10	234	< 10	98
91KT27D106R	205 294	4	< 0.01	227	870	< 2	5	15	6	< 0.01	< 10	< 10	74	< 50	136
91KT27D107R	205 294	< 1	0.03	8	2520	< 2	< 5	8	171	0.05	< 10	< 10	71	< 10	82
91KT27D108R	205 294	1	< 0.01	6	690	< 2	< 5	1	8	< 0.01	< 10	< 10	22	< 10	22
91KT30CR73R	205 294	< 1	0.30	25	1440	2	< 5	6	177	0.09	< 10	< 10	61	< 10	20
91KT30CR75R	205 294	< 1	< 0.01	20	1020	< 2	< 5	4	39	0.17	< 10	< 10	121	< 10	18
91KT30CR76R	205 294	1	0.13	3	80	< 2	< 5	1	15	0.02	< 10	< 10	5	< 10	16
91KT30CR77R	205 294	2	0.01	13	1440	< 2	< 5	4	19	0.03	< 10	< 10	159	< 10	38
91KT30CR78R	205 294	3	0.68	5	800	< 2	< 5	2	321	0.07	< 10	< 10	47	< 10	28
91KT30CR79R	205 294	2	0.84	5	660	2	< 5	2	376	0.07	< 10	< 10	61	< 10	48
91KT30CR80R	205 294	1	0.06	9	390	< 2	< 5	25	20	0.24	< 10	< 10	240	< 10	52
91KT30CR81R	205 294	1	0.05	5	590	< 2	< 5	23	18	0.18	< 10	< 10	180	< 10	10
91KT30D109R	205 294	< 1	0.10	1	370	< 2	< 5	10	5	0.07	< 10	< 10	120	< 10	24
91KT30D110R	205 294	< 1	0.05	2	180	< 2	< 5	6	10	0.14	< 10	< 10	57	< 10	14
91KT30D114R	205 294	1	0.04	17	1720	8	< 5	4	104	< 0.01	< 10	< 10	62	< 10	62
91KT30D115R	205 294	3	0.33	27	640	< 2	< 5	1	70	0.11	< 10	< 10	23	< 10	4
91KT30D116R	205 294	5	0.26	41	2540	6	< 5	9	85	0.13	< 10	< 10	336	< 10	338
91KT30D117R	205 294	1	0.01	< 1	>10000	< 2	5	1	597	0.01	< 10	< 10	382	< 50	8
91KT30D118R	205 294	2	0.03	10	>10000	< 2	5	2	152	0.02	< 10	< 10	614	< 10	22

CERTIFICATION:



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Page Number :1-A
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Certificate Date: 29-OCT-91
Invoice No. :19123716
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	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	1.83	< 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	38	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	33	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	47	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	1	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	1	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
91KT12CR097R	205 294	< 5	< 0.2	0.75	< 5	100	< 0.5	2	0.21	< 0.5	2	39	16	1.04	< 10	< 1	0.19	< 10	0.22	230
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	5	< 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
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
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	10	< 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
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. Carl*



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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: 29-OCT-91
Invoice No. :19123716
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	18	< 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	0.1	< 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	1	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	5	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
91KT12CR097R	205 294	< 1	0.07	4	270	2	< 5	< 1	20	0.06	< 10	< 10	8	< 10	22
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	1	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	1	< 2	< 5	4	36	< 0.01	< 10	< 10	22	< 10	12
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	480	< 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
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
91KT30CR085R	205 294	< 1	0.05	23	540	< 2	< 5	7	22	0.51	< 10	< 10	112	< 10	48

CERTIFICATION: *B. C. S.*



Chemex Labs Ltd.

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CERTIFICATE OF ANALYSIS A9123716

SAMPLE	PREP CODE		Au ppb	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
	FA+AA																				
91KT30CR089R	205	294	< 5	0.2	3.26	10	550	2.0	4	1.44	< 0.5	11	47	69	3.01	20	< 1	1.29	140	1.08	495
91KT30CR090R	205	294	< 5	< 0.2	2.59	< 5	380	1.0	2	2.03	< 0.5	12	57	44	3.90	30	< 1	1.07	200	1.43	500
91KT30CR091R	205	294	< 5	< 0.2	3.21	< 5	110	< 0.5	< 2	3.07	0.5	27	54	33	6.95	10	< 1	0.40	< 10	2.17	1285
91KT30CR092R	205	294	< 5	< 0.2	2.20	< 5	50	< 0.5	2	0.78	< 0.5	22	84	50	3.38	< 10	< 1	0.03	< 10	1.77	545
91KT30CR093R	205	294	20	< 0.2	2.61	130	140	< 0.5	< 2	0.70	0.5	6	106	58	6.48	< 10	< 1	0.11	< 10	1.70	320
91KT30CR094R	205	294	10	< 0.2	0.88	< 5	60	< 0.5	4	0.24	< 0.5	2	96	6	1.63	< 10	< 1	0.50	< 10	0.40	510
91KT30CR095R	205	294	65	< 0.2	0.74	275	230	< 0.5	< 2	0.05	< 0.5	1	223	35	14.30	< 10	< 1	0.17	10	0.27	100
91KT30CR096R	205	294	< 5	< 0.2	4.87	20	90	< 0.5	8	0.06	3.5	13	112	84	7.82	< 10	< 1	0.14	< 10	4.29	1240
91KT30D124R	205	294	< 5	< 0.2	4.05	< 5	730	1.5	6	1.17	1.5	9	106	103	3.83	10	< 1	1.25	10	1.48	370
91KT30D128R	205	294	70	< 0.2	0.60	40	30	< 0.5	6	0.10	>100.0	124	63	227	>15.00	< 10	10	0.07	< 10	0.32	410
91KT30D129R	205	294	< 5	< 0.2	1.06	10	20	< 0.5	2	9.59	5.0	16	53	12	2.48	20	< 1	0.11	10	0.63	1550
91KT30D130R	205	294	20	< 0.2	0.39	< 5	50	< 0.5	8	0.17	76.5	11	31	962	>15.00	< 10	< 1	0.18	< 10	0.05	125
91KT30D131R	205	294	< 5	< 0.2	5.27	5	100	< 0.5	2	0.84	3.5	35	155	89	9.20	< 10	< 1	0.24	< 10	4.21	2100
91KT30D132R	205	294	< 5	< 0.2	1.94	< 5	60	< 0.5	< 2	0.68	< 0.5	10	23	110	4.13	< 10	< 1	0.16	< 10	1.24	380
91KT30D133R	205	294	10	< 0.2	4.38	10	20	< 0.5	6	0.06	0.5	5	72	32	6.71	< 10	< 1	0.12	< 10	3.84	1260
91KT30D134R	205	294	15	< 0.2	3.47	10	20	< 0.5	< 2	0.09	0.5	18	37	135	7.36	< 10	< 1	0.07	< 10	2.78	635
91KT30D135R	205	294	80	< 0.2	0.34	20	40	< 0.5	2	0.14	0.5	10	59	24	5.22	< 10	< 1	0.13	< 10	0.15	85
91KT30D136R	205	294	20	< 0.2	2.17	10	40	< 0.5	2	0.19	1.5	29	50	33	9.25	< 10	< 1	0.19	< 10	1.74	1115
91KT30D137R	205	294	100	6.0	2.69	45	30	< 0.5	< 2	0.17	10.0	62	133	960	>15.00	< 10	< 1	0.07	< 10	2.12	820
91KT30D138R	205	294	15	< 0.2	0.47	15	390	< 0.5	4	0.03	0.5	3	106	115	10.70	< 10	< 1	0.63	< 10	0.14	50
91KT30D139R	205	294	< 5	< 0.2	4.02	30	90	< 0.5	< 2	3.79	< 0.5	25	94	47	4.92	10	< 1	0.06	< 10	3.75	860

CERTIFICATION:

B. Coughlin



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SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
91KT30CR089R	205	294	2	1.36	16	2550	34	< 5	3	772	0.23	< 10	< 10	83	< 10	76
91KT30CR090R	205	294	2	0.71	19	4510	20	< 5	3	635	0.16	< 10	< 10	106	< 10	68
91KT30CR091R	205	294	< 1	0.03	21	490	< 2	< 5	16	33	0.06	< 10	< 10	174	< 10	110
91KT30CR092R	205	294	< 1	0.05	31	420	2	< 5	4	10	0.31	< 10	< 10	90	< 10	56
91KT30CR093R	205	294	3	< 0.01	41	670	2	< 5	5	20	0.01	< 10	< 10	171	< 10	172
91KT30CR094R	205	294	1	0.06	4	720	2	< 5	2	13	0.11	< 10	< 10	30	< 10	44
91KT30CR095R	205	294	6	< 0.01	12	540	< 2	5	3	18	0.01	< 10	< 10	529	< 10	46
91KT30CR096R	205	294	1	0.01	25	120	< 2	< 5	5	4	< 0.01	< 10	< 10	74	< 10	1330
91KT30D124R	205	294	29	0.22	30	540	< 2	< 5	11	81	0.16	< 10	< 10	176	< 10	136
91KT30D128R	205	294	11	0.02	9	290	2	< 5	6	2	0.07	< 10	< 10	115	< 50	>10000
91KT30D129R	205	294	154	< 0.01	12	400	158	< 5	2	67	0.15	< 10	< 10	70	< 10	1090
91KT30D130R	205	294	2	0.02	13	360	22	< 5	3	1	0.05	< 10	< 10	28	< 50	>10000
91KT30D131R	205	294	< 1	0.01	47	270	2	< 5	6	9	0.16	< 10	< 10	172	< 10	988
91KT30D132R	205	294	< 1	0.06	3	970	< 2	< 5	6	12	0.21	< 10	< 10	27	< 10	64
91KT30D133R	205	294	2	0.02	17	230	6	< 5	23	13	0.05	< 10	< 10	193	< 10	140
91KT30D134R	205	294	7	0.02	2	180	8	< 5	25	3	0.33	< 10	< 10	298	< 10	214
91KT30D135R	205	294	2	0.13	5	170	8	< 5	11	30	0.28	< 10	< 10	236	< 10	44
91KT30D136R	205	294	2	0.03	9	220	< 2	< 5	10	2	0.33	< 10	< 10	151	< 10	450
91KT30D137R	205	294	8	0.01	42	180	2	< 5	10	2	0.01	< 10	< 10	80	< 50	3310
91KT30D138R	205	294	4	0.27	4	260	< 2	< 5	6	52	0.05	< 10	< 10	101	< 10	46
91KT30D139R	205	294	1	0.02	31	400	< 2	< 5	11	51	0.02	< 10	< 10	129	< 10	112

CERTIFICATION: B. Coughlin

APPENDIX E
ROCK SAMPLE DESCRIPTIONS

ROCK SAMPLE SHEET

Sampler D. RidleyDate Sept. 1991Property KET 18 GroupNTS 82E/3

SAMPLE NO.	Sample Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS				
		Rock Type	Alteration	Mineralization		Au	Ag	Cu	Pb	Zn
91KT18 D35R	3m	chlorite schist + chert	pyrite chlorite	minor pyrite < 1%	chlorite schist grading to bleached chert; on W side Kehoe Rd \approx 120m S of S fence of Kehoe farm:	60	1.0	96	52	100
91KT30 D36R	G	pyritic chlorite schist	"	up to 5% pyrite	filled trench \approx 250 m W of Kehoe showings: sample of dump material.	50	0.6	55	12	520
91KT30 D37R	G	massive sulphide	silica chlorite	up to 50% pyrite with stringers + blebs of sphalerite: minor ep	Kehoe shaft now filled: dump material: see notes.	60	< 0.2	27	4	1000
91KT30 D38R	G	"	—	massive pyrrhotite-sphalerite: minor chalcopyrite	Kehoe shaft dump: possible trend of mineralization \approx 150° from subcrop exposures?	100	< 0.2	14	4	10000
91KT30 D39R	G	greenstone	silica	massive pyrr-sphal veinlets + disem: minor blebs chalcopy	\approx 15m SE of D38: dump material: greenstone is weakly foliated + silica flooded.	55	0.2	20	10	10000
91KT30 D40R	G	chlorite schist	chlorite sulphides carbonate	up to 3% euhedral py stringers py-pyrrh. minor sphalerite	S end Kehoe shaft dump: rock has appearance of possible foliated f-grain diorite?	55	< 0.2	70	42	1075
91KT30 D41R	2m	"	carbonate stringers	minor disem pyrrhotite	\approx 150 m SSW of Kehoe shaft: outcrop above road:	25	< 0.2	97	10	142
91KT30 D42R	G	quartz vein	—	minor euhedral py rare blobby chalcopy	\approx 100m W of Kehoe's ranch house: old pit now filled: dump material	20	0.2	10	22	636
91KT30 D43R	G	chlorite schist	limonite	veinlets + stringers of py to 15% of rock.	@ D42R site: mineralization along foliation planes: dump material	30	< 0.2	3	2	528
91KT30 D44R	1.5m	"	bleaching	euhedral pyrite \approx 1%	\approx 35 m W of D43 area: outcrop exposed by stripping: chlorite schist becomes bleached as you move towards mineralized zone @ D42-43	5	< 0.2	11	10	184
91KT30 D45R	2m	shear zone	—	pyrite \approx 5% rare chalcopyrite	\approx 1.5 km North of Highway 3 on East side Lamond Rd. "Gustershaw Mine" of J. Kehoe: biotite-gtz schist cut by rhyolite dyke (?): shear trends 150/60NE	< 5	< 0.2	21	4	174
91KT17 D46R	1.5m	qtz-biotite schist	qtz stockwork limonite	minor disem py. small poorly formed garnets + rose qtz.	N slope Anarchist Mtn. @ \approx 4100': along road: outcrop here is fairly extensive for \approx 50m. foliation 120/30SW	< 5	< 0.2	80	4	74
91KT24 D47R	G	greenstone	K-spar chlorite magnetite	up to 7% magnetite	N central Ket 24: just south of hyway in creek canyon: o/c trends 010/80W: east side of creek: diorite noted \approx 20m North of here.	< 5	< 0.2	2	2	12
91KT24 D48R	1.5m	greenstone	serpentine carbonate talc	up to 10% magnetite as disem + stringers	\approx 20m S of D47R: euhedral calcite veins + talcose contacts: magnetite only metallic seen.	< 5	< 0.2	9	< 2	14
91KT24 D49R	2m	serpentinite	"	up to 50% magnetite	\approx 120m S of D47R @ bottom of creek gully on E side:	< 5	< 0.2	4	4	14

Kehoe Ranch

Sampler D. Ridley
 Date Oct. 1991
Property KET 18 GroupNTS 82E/3

SAMPLE NO.	Sample Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS				
		Rock Type	Alteration	Mineralization		Au	Ag	Cu	Pb	Zn
91KT30 D109R	1.5m	green schist	chlorite quartz	minor pyrrhotite	West side Anarchist Mtn. 4100'; foliation 140/90; granodiorite veinlets in the schist.	<5	<0.2	16	<2	24
91KT30 D110R	35cm	qtz vein	limonite	none seen	flat-lying vein strikes = 180°; 15m N of ID post Ket 30: 3N.	<5	<0.2	38	<2	14
91KT30 D111R	F	qtz-biotite schist	silica	1-2% disem pyrrhotite	subcrop; ≈ 100m W. of Ket 17 I.D. Post 453W; south side Anarchist Mtn. 4540'	<5	0.2	85	4	358
91KT17 D112R	2m	contact zone	—	up to 2% disem pyrrhotite	above D111R: 4650'; contact zone between diorite + qtz-biotite schist; intrusive more magnetic.	<5	<0.2	31	<2	62
91KT17 D113R	2m	qtz-biotite schist	limonite	rare pyrrhotite	top of Anarchist Mtn.; S side; 1-50cm wide bull qtz veins lie along foliation planes (≈ E-W)	<5	<0.2	46	<2	62
91KT30 D114R	F	feldspar porphyry	carbonate stringers	≈ 1% euhedral pyrite	SW end Anarchist Mtn: 4360'	<5	<0.2	12	8	62
91KT30 D115R	G	altered diorite?	limonite qtz-carb.	minor pyrite	just off W boundary Ket 30 above Lamont Road.	<5	<0.2	56	<2	4
91KT30 D116R	G	biotite schist	highly folded	1-2% disem pyrite	@ D115R site; tightly folded schist on hand-sample scale:	<5	0.6	100	6	338
91KT30 D117R	F?	amphibolite schist	limonite	up to 20% magnetite (magnetite banding)	poor exposure: W of Ket 30 claim line ≈ 400m; above + S. of Gustershaw showing (D45R); probable subcrop:	5	<0.2	37	<2	8
91KT30 D118R	1m	"	"	"	outcrop above D117R; foliation trending 140/70E contains massive magnetite banding to 5mm. wide.	<5	<0.2	66	<2	22
91KT17 D120R	G	diorite	"	up to 1% pyrrhotite	outcrop on W side Anarchist Mtn. 4410';	<5	<0.2	75	<2	66
91KT17 D121R	1.5m	qtz-biotite schist	silica	1-2% pyrrhotite	very siliceous; across the road from D120R:	<5	<0.2	55	2	84
91KT17 D122R	2m	diorite	limonite	rese quartz veinlets; no visible mineralization	top of Anarchist Mtn. on W side; muscovite well developed along qtz vein contacts.	120	<0.2	28	<2	148
91KT17 D123R	G	qtz-biotite schist	limonite	minor disem pyrrhotite	NE side Anarchist Mtn. 4400';	<5	1.4	15	<2	36
91KT30 D124R	F	"	silica limonite	1-2% disem pyrrh. 1-2mm pyrrhotite banding	SE slope Anarchist Mtn.	<5	<0.2	103	<2	136

ROCK SAMPLE SHEET

J. L. F.

Sampler D. Ridley
Date Oct 1991

Property KET 18 Group

NTS 82E/3

SAMPLE NO.	Sample Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS				
		Rock Type	Alteration	Mineralization		Au	Ag	Cu	Pb	Zn
91KT17 D125R	G	qtz-biotite schist	silica	1-2% pyrite rare chalcopyrite?	E side Anarchist Mtn.; subcrop;	<5	<0.2	136	<2	94
91KT30 D128R	—	—	—	—	RE-SAMPLE OF 91KT30: D37R	70	<0.2	227	2	70000
91KT30 D129R	—	—	—	—	RE-SAMPLE OF 91KT30: CR32R	<5	<0.2	12	158	1000
91KT30 D130R	G	massive sulphide	—	pyrrhotite with sphalerite minor chalcopyrite	grab of dump material: Kehoe shaft:	20	<0.2	962	22	70000
91KT30 D131R	1.5m	greenstone	—	minor pyrrhotite	≈ 60 m @ 290° from shaft: subcrop on skid trail; gabbro outcrops nearby.	<5	<0.2	89	2	988
91KT30 D132R	1m	"	"	f-grain disem pyrrhotite to 2%	≈ 60 m S of fence + 15 m E of main road + ≈ 200 m W of Kehoe shaft; zone appears to strike 050°	<5	<0.2	110	<2	64
91KT30 D133R	1m	"	"	1-2% pyrite "ghosts"	≈ 150 m S of fence = 100 m E of W fence line: pyrite is weathered out: foliation 130/90	10	<0.2	32	6	140
91KT30 D134R	G	green schist	silica	up to 5% euhedral pyrite:	grab from dump of old trench: ≈ 70 m E of D133:	15	<0.2	135	8	214
91KT30 D135R	G	"	"	highly siliceous with 1-3% disem pyrite	≈ 25 m E of D134; old trench: same structure?	80	<0.2	24	8	44
91KT30 D136R	—	—	—	—	RE-SAMPLE OF 91KT30: D36R	20	<0.2	33	<2	450
91KT30 D137R	—	—	—	—	RE-SAMPLE OF 91KT30: D43R	100	6.0	960	2	330
91KT30 D138R	1m	bleached green schist?	bleaching limonite	minor pyrite	≈ 100 m W of D137: subcrop; gabbro o/c at 10 m W	15	<0.2	115	<2	46
91KT30 D139R	—	—	—	—	RE-SAMPLE OF 91KT30: D44R	<5	<0.2	47	<2	112
91KT30 D140R	—	—	—	—	RE-SAMPLE OF 91KT30: D35R	<5	<0.2	33	2	20

ROCK SAMPLE SHEET

Sampler C.J. RIDLEY
 Date SEPT/OCT. '91

Property KET 18 GROUP

NTS 82E/3

SAMPLE NO.	Sample Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS				
		Rock Type	Alteration	Mineralization		Au	Ag	Cu	Pb	Zn
91KT30 CR15R	grab	chlorite schist	chlorite	Pyrite	(BL 28+50N) ± 15m. W of line in gully; trend 078°; in contact w/amphibolite	<5	<0.2	73	<2	42
91KT18: CR31R	grab	mafic intrusive		magnetite	@ 750m. N of hwy + 50m. W of Kehoe Rd.	10	0.2	72	20	60
91KT30 CR32R	float grab			massive sulphides Py, Pyrrh; CR + Sp.	high grade grab off "Kehoe showing" clump: magnetic	65	0.8	2310	24	710,000
91KT30 CR33R	"			"	qtz. flooded chlorite schist with calc: sample off same dump as CR32R.	35	<0.2	1075	144	710,000
91KT30 CR34R	float grab	chlorite schist	silica	massive Pyrrh silvery Py 50% Chalc	10m. E of clump: probably from area to the N: 7 Chalc in clump here, than in main dump	30	<0.2	1155	10	1680
91KT30 CR35R	grab	chlorite schist		1% euhedral Py crystals	foliation 054°; strike 058°; 600-800m. S.W. of showings	<5	<0.2	89	8	170
91KT30 CR36R	float grab	chlorite schist	silica	chalc euhedral Py crystals	- taken off dump by (close to) Kehoe Farm house: ? old shaft?	1500	5.8	1035	80	440
91KT14 CR37R	float grab	granite		1% Py crystal dissem.	- several rusty-gossined bldrs by side of access rd to Ket 14+17 border/claims	130	0.4	105	108	52
91KT18 CR38R	grab	chlorite schist	silica	trace Py	ELEV: 3806' : slightly magnetic on W traverse ± 350m. from Kehoe Rd.	<5	<0.2	96	<2	88
91KT17 CR39R	grab	intrusive	chlorite calcite	1-3% finely dissem. Py	ELEV: 4511' OC/subcrop by rd. on NW. slope of Anarchist mtn.	<5	<0.2	31	4	46
91KT24 CR40R	grab	fine-grained chert	? chlorite	? magnetite Pyrite	ELEV: 3461' in main ck cutting Ket 24: OC on W. bank ± 200m. S of hwy; strike 024°/dip 80° E	<5	<0.2	60	6	56
91KT24 CR41R	grab	chert		? magnetite	10m. S of CR40R;	<5	<0.2	22	4	10
91KT24: CR42R	grab	greenstone		magnetite	3m. S of CR41R: strike 090°/dip 88° N	<5	<0.2	17	4	10
91KT24 CR43R	grab	serpentine	calcite	magnetite	3445' ELEV: 25m. S of CR42R: strike 010°/dip slightly E.	<5	<0.2	3	<2	14
91KT30 CR73R	grab	? gabbro	-	magnetite	OC on hill side above + E of KET30 I.D post 4N.	<5	<0.2	44	2	20

Sampler C. J. RIDLEYDate OCT. 10 - OCT. 17/91Property KET 18 GROUPNTS 82E/3

SAMPLE NO.	Sample Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS				
		Rock Type	Alteration	Mineralization		Au	Ag	Cu	Pb	Zn
91KT17 CR74R	grab	schist	silica	minor Pyrite	oe of qtz/biotite schist: very rusty & weathered flat to ground: 20m. N of D111R	<5	<0.2	42	<2	48
91KT30 CR75R	float	chlorite schist	calcite epidote	euhedral Py	-next to D115+116R	<5	<0.2	72	<2	18
91KT30 CR76R	grab	mylonite	mica	minor Py	trend W/dip S	15	<0.2	16	<2	16
91KT30 CR77R	grab	slate	graphite	minor Py & garnets	graphitic slate in contact w/ fine grained biotite schist	<5	<0.2	22	<2	38
91KT30 CR78R	grab	diorite	silica	> 2% Py	trend 034°/dip slightly NW -mineral throat oe	<5	<0.2	103	<2	28
91KT30 CR79R	float	diorite	silica	> 1% Py + ? trace CPY	? subcrop ≈ 6m. S. of CR78R	<5	<0.2	119	2	48
91KT30 CR80R	grab	biotite schist	silica	trace Py	1350m elev 250m. NNE of CR79R	<5	<0.2	29	<2	52
91KT30 CR81R	grab	slate	biotite mica silica	trace garnets Py	-somewhat schistose: extremely coarse-grained trend of foliation 082°	<5	<0.2	18	<2	10
91KT17 CR82R	float	qtz/ mica schist	silica	> 1% Py	subcrop	<5	<0.2	43	<2	92
91KT17 CR83R	float	diorite	chlorite silica	> 1% Py	subcrop: 30m. N of 82R: quite angular	<5	<0.2	169	<2	124
91KT17 CR84R	float	? intru sive	calcite	trace Py	subcrop: extremely altered: bleached & dry looking	10	<0.2	75	4	150
91KT30 CR85R	grab	chlorite schist	silica	Pyrite	250-300m. N.W. of Kehoe showings on Crown GRazing land	<5	<0.2	51	<2	48
91KT30 CR89R	grab	diorite	silica	magnetite	50m. on 252° from Kehoe showings;	<5	0.2	69	34	76
91KT30 CR90R	grab	mafic diorite/ ? gabbro	silica	magnetite garnets	30m. S. of showings: strike 020°/dip E.	<5	<0.2	44	20	68
91KT30 CR91R	grab	diorite	chlorite carbonate	minor Py	≈ 350-400m. NW of showings	<5	<0.2	33	<2	110

DOC SAMPLE SHEET

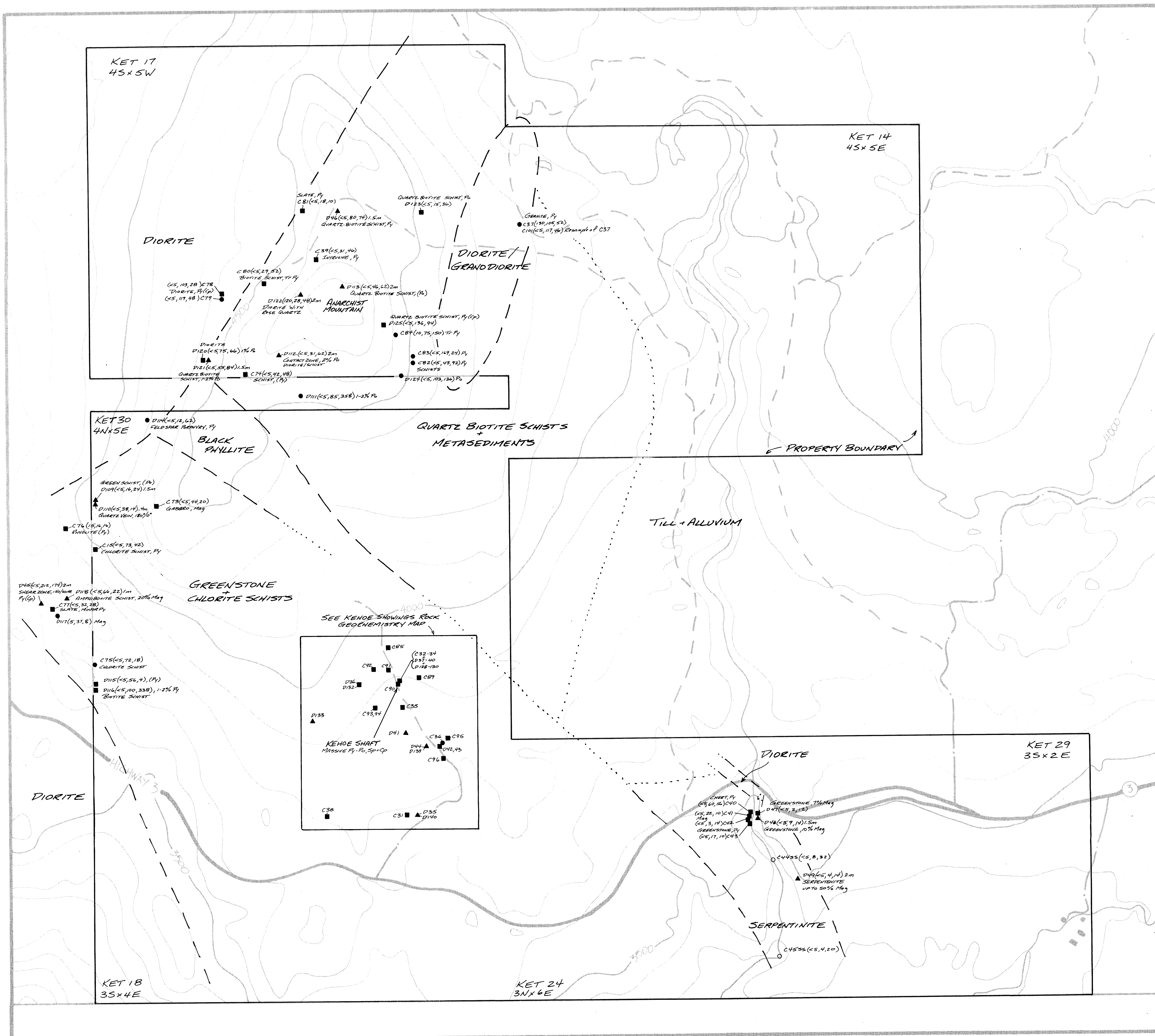
11-10-01-

Sampler C.J. Ridley
 Date Oct. 17-18/91

Property Ket 18 Group

NTS 82E/13

SAMPLE NO.	Sample Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS				
		Rock Type	Alteration	Mineralization		Au	Ag	Cu	Pb	Zn
91KT30: CR92R	grab	chlorite schist	silica & epidote	trace Py	≈ 60 m. due W of CR91R	<5	<0.2	50	2	56
91KT30 CR93R	grab	quartz schist	chlorite	trace Py	strike 134° / dip to the SW NW of farmhouse ≈ 200m.	20	<0.2	58	2	172
91KT30 CR94R	grab	qtz/mica schist		2% garnets trace Py	150m NW of Kehoe farmhouse: 3060/68NR 3cm. band of rhyolite cuts rock w/mineral	10	<0.2	6	2	44
91KT30 CR95R	grab	chlorite schist		trace Py + ?? sphalerite magnetite	50 m. S of Kehoe farmhouse; trend 136°: magnetite rich	65	<0.2	35	<2	46
91KT30 CR96R	grab	biotite schist		Pyrite	10 m N of well-house trend 102° / dip SW	<5	<0.2	84	<2	1330
91KT14 CR101R	float				duplicate of CR37R: to check Au tick	<5	<0.2	117	<2	46



- LEGEND**
- ▲ ROCK CHIP SAMPLE
 - ROCK GEMS SAMPLE
 - ROCK FLOAT SAMPLE
 - STREAM SEDIMENT SAMPLE
 - GEOLOGICAL CONTACT - APPROXIMATE
 - " " - ASSUMED
 - BEDDING
 - Py PYRITE
 - Pb PYRRHOTITE
 - Op CHALCOPIRITE
 - Sp SPHALERITE
 - Mag MAGNETITE

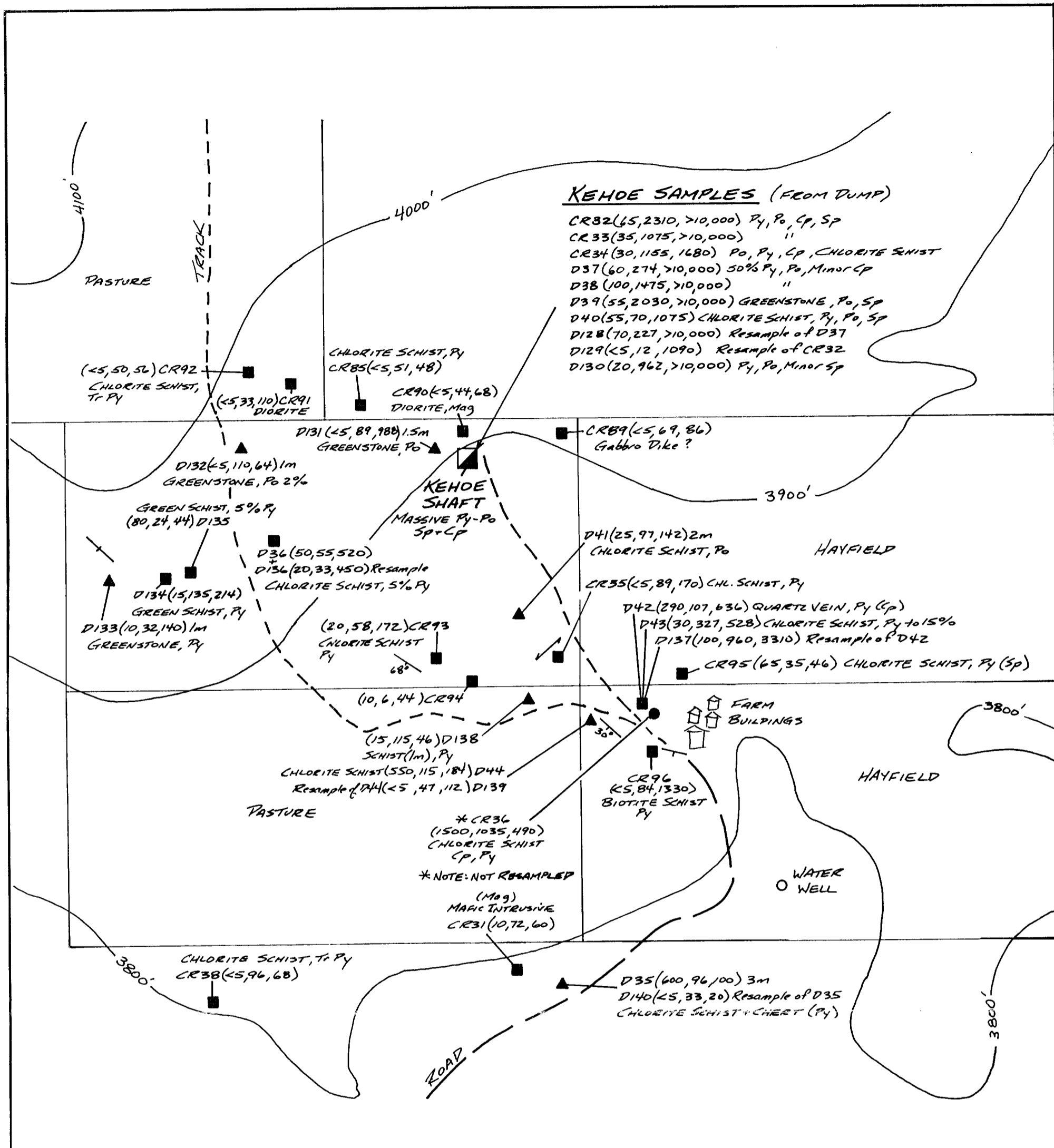
GEOCHEMICAL RESULTS EXPRESSED AS:
 SAMPLE# (Au,ppb, Cu,ppm, Zn,ppm) WIOTRH (FOR CHIP)

METRES 0 100 200 500 1000 METRES
 SCALE 1:10,000

GEOLOGICAL BRANCH ASSESSMENT REPORT

22,199

CROWN RESOURCES CORP.		
KET 18 GROUP MIDWAY PROJECT PROPERTY GEOLOGY + ROCK GEOCHEMISTRY		
DATE: Nov 91	NTS: B2/E1/3	FIGURE: 4
COAST MOUNTAIN GEOLOGICAL		



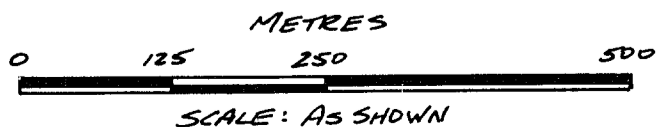
KEHOE SAMPLES (FROM DUMP)

- CR82(45,2310, >10,000) Py, Po, Cp, Sp
- CR33(35,1075, >10,000) "
- CR34(30,1155,1680) Po, Py, Cp, CHLORITE SCHIST
- D37(60,274, >10,000) 50% Py, Po, Minor Cp
- D38(100,1475, >10,000) "
- D39(55,2030, >10,000) GREENSTONE, Po, Sp
- D40(55,70,1075) CHLORITE SCHIST, Py, Po, Sp
- D128(70,227, >10,000) Resample of D37
- D129(45,12,1090) Resample of CR32
- D130(20,962, >10,000) Py, Po, Minor Sp

LEGEND

- ▲ ROCK CHIP SAMPLE
- ROCK GRAB SAMPLE
- ROCK FLOAT SAMPLE
- BEDDING/FOLIATION
- Py PYRITE
- Po PYRRHOTITE
- Cp CHALCOPYRITE
- Sp SPHALERITE
- Mag MAGNETITE

GEOCHEMICAL VALUES EXPRESSED AS:
SAMPLE # (Au ppm, Cu ppm, Zn ppm)



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

22,1999

CROWN RESOURCES CORP.		
KET 18 GROUP MIDWAY PROJECT KEHOE SHOWINGS ROCK GEOCHEMISTRY		
DATE: Nov '91	NTS: B2E/3	FIGURE: 5
COAST MOUNTAIN GEOLOGICAL		