1990 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

Crown Resources Corp
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Denver, Colorado 80202
U.S.A.

Prepared by

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&

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V6B 4N9

February 1991

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1.0 INTRODUCTION

1.1 Summary

Exploration on the Ket 10 group (Ket 6, Ket 7, Ket 8, Ket 9, and Ket 10 claims) was conducted between June and November 1990.

Three airborne anomaly categories, derived from Crown Resources' Terraquest airborne geophysical survey in 1989 (Basil, 1990), were located on surface: total field magnetic highs, VLF-EM conductors and fault traces. Ground investigation consisted of visual (megascopic) geologic interpretation, reconnaissance and fixed line magnetometry, and rock chip sampling.

Data collected during the 1990 work program was closely reviewed for geologic evidence related to gold enriched skarns similar to Buckhorn Mountain.

Altered granodiorite in the Ket 8 claim was followed north into the Dayton Camp area where skarn related geology was observed, and as a result, additional mineral holdings in the Dayton Camp area were acquired by Crownex Resources.

Based on the successful follow-up work in Ket 8, additional reconnaissance and detailed gridding is recommended for the magnetic anomalies in the Ket 6 and Ket 7 claims.

Detailed rock chip sampling is recommended for the southeast corner of Ket 9, based on the strong gold assays obtained in Crown's reverse circulation drill program in the Ket 28, RM 16, and RM 1, and RM 2 common corner (Miller & Kushner, 1991).

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).

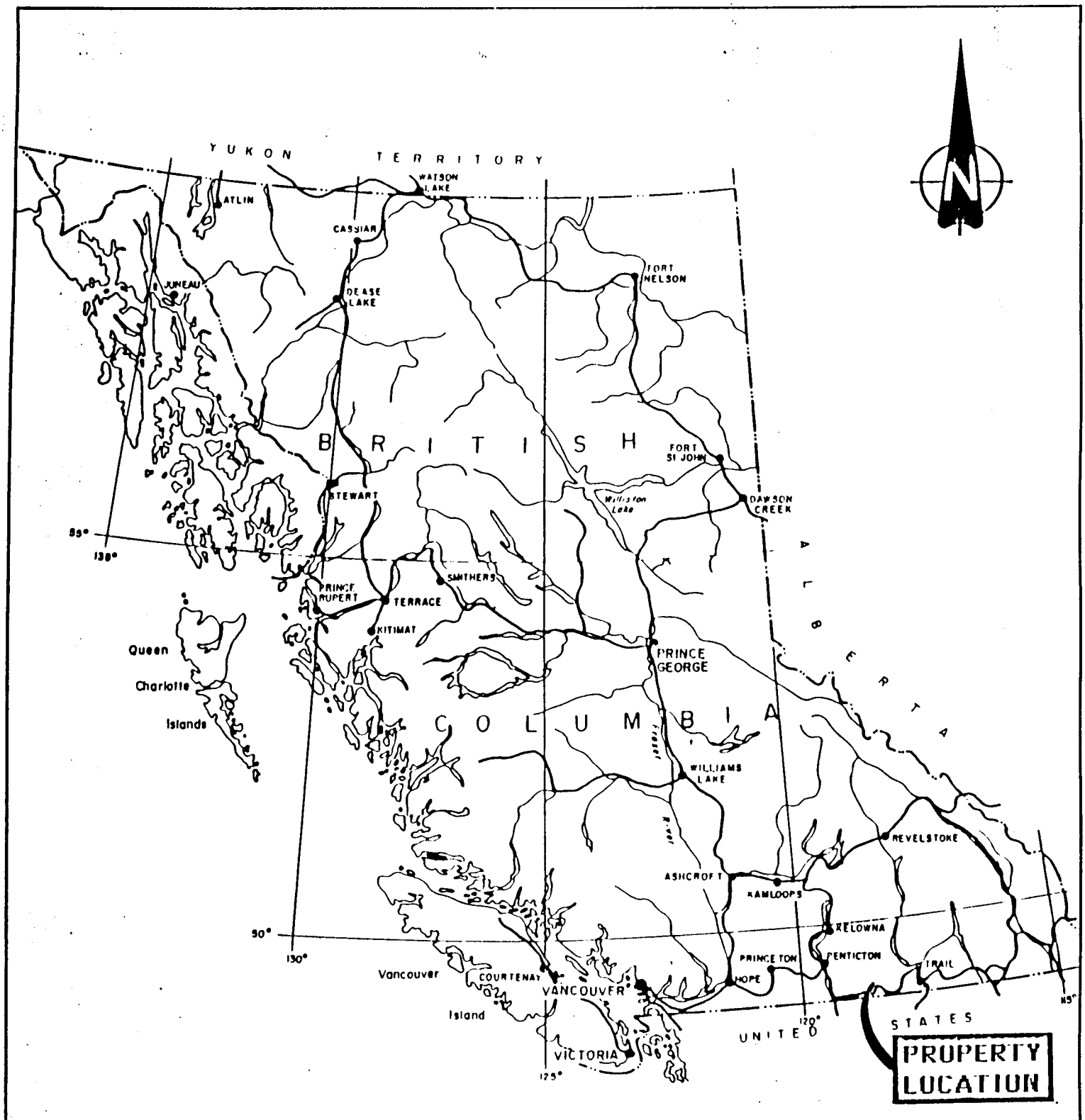
The centre of the property is located at approximately north latitude 49°03′ and west longitude 119°05′. It is located in the central part of the southwest quarter of the NTS 82E/3 Osoyoos map sheet.

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 roads and/or 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.



CROWN RESOURCES CORP.

KET 10 GROUP

PROPERTY LOCATION MAP

GREENWOOD MINING DIVISION

COAST MOUNTAIN GEOLOGICAL LTD.

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

South slopes and flat areas are open and generally farmed. Tree cover consists of pine, larch, and poplar, with natural and planted crops in the open areas.

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 (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.

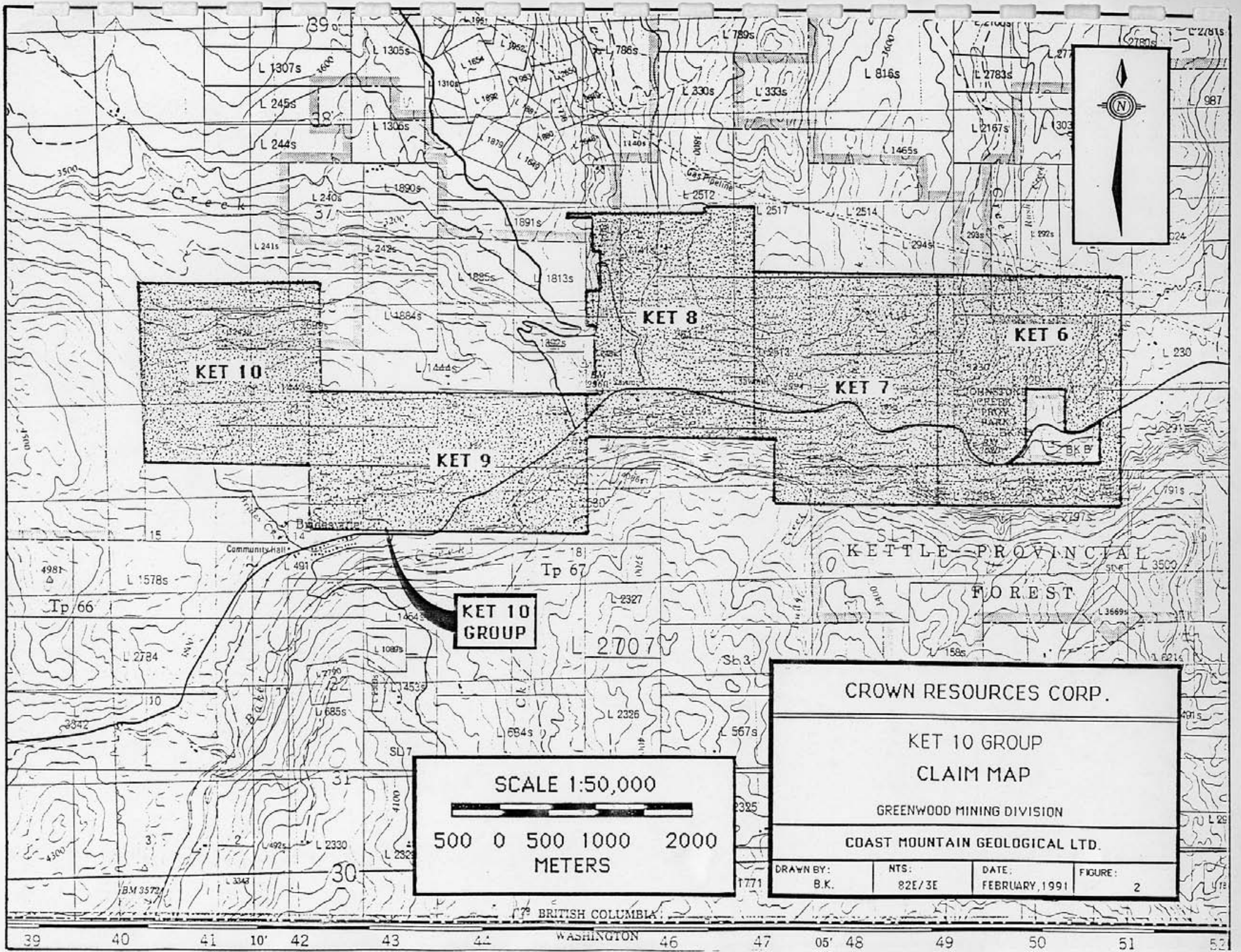
Table 1: Claim Status Ket 10 Group

Claim Name	Record Number	Units	Expiry Date*
Ket 6	5320	20	01/12/91
Ket 7	5321	20	01/12/91
Ket 8	5322	20	01/12/91
Ket 9	5323	18	01/12/91
Ket 10	5324	16	02/12/91

* Pending acceptance of this report.

1.5 Property History

The area in the vicinity of the claim group has a record of


KET 10
KET 8
KET 6
KET 7
KET 9
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
Tp 66
Tp 67
L 2707
Creek
BRITISH COLUMBIA
WASHINGTON

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 - Assessment Report #19737).

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.

In general, very few prospects were noted while prospecting this claim group. 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 1990 Work Program

Two geologists and two field hands spent a total of sixteen days on the claim group. Initially the exploration effort was directed towards following up the anomalies deduced from the 1989 Terraquest airborne geophysical program. The reconnaissance program located altered granodiorite in the northwest quarter of Ket 8. This was traced to the Dayton Camp area where skarn mineralogies were noted.

Gold values were obtained from the Dayton Camp skarn which initiated a mineral rights acquisition program within the camp area.

Based on the successful follow-up in Ket 8, additional reconnaissance geology was initiated along with fixed line ground magnetometry over select areas where favourable skarn mineralogy was noted.

Approximately 3.6 kilometres of fixed line ground magnetics was conducted over geologic targets. A total of 23 rock chip samples

were collected from areas of interest.

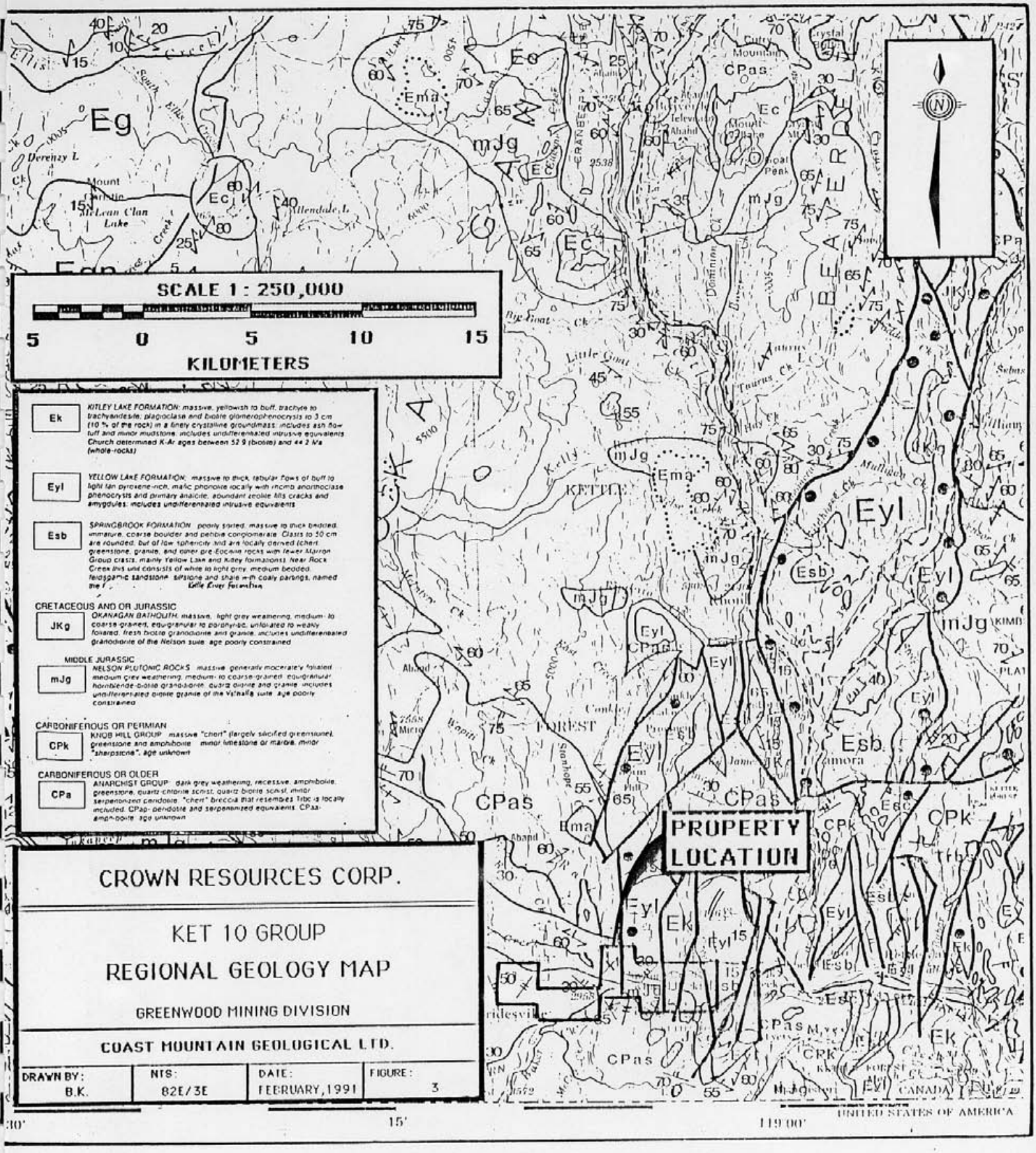
2.0 GEOLOGY, GEOCHEMISTRY AND GEOCHEMISTRY

2.1 Regional Geology

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


SCALE 1 : 250,000
5 0 5 10 15
KILOMETERS
Ek
KITLEY LAKE FORMATION: massive, yellowish to buff, trachyte to trachyandesite; plagioclase and biotite glomerophenocrysts to 3 cm (10 % of the rock) in a finely crystalline groundmass; includes ash flow tuff and minor mudstone; includes undifferentiated intrusive equivalents Church determined K-Ar ages between 52 9 (biotite) and 44 2 Ma (whole-rocks)
Eyl
YELLOW LAKE FORMATION: massive to thick, tabular flows of buff to light tan pyroxene-rich, mafic phonolite locally with incmb anorthoclase phenocrysts and primary analcite; abundant zeolite fills 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 (chert, 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 [illegible] 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 Valhalla suite; age poorly constrained
CARBONIFEROUS OR PERMIAN
CPk
KNOB HILL GROUP: massive "chert" (largely silicified greenstone), greenstone and amphibolite; minor limestone or marble; minor "sharpsicne"; age unknown
CARBONIFEROUS OR OLDER
CPa
ANARCHIST GROUP: dark grey weathering, recessive, amphibolite, greenstone, quartz-chlorite schist, quartz biotite schist, minor serpentonized peridotite; "chert" breccia that resembles Tsbc 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, 1991
FIGURE: 3
30'
15'
119 00'
UNITED STATES OF AMERICA
CANADA

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.

2.3 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

Rock samples were collected in plastic bags and sent to Chemex Labs in North Vancouver. Samples were then crushed to 3/16 of an inch, and then about .25 kg was pulverized to minus 100 mesh. A 0.5 gram sample of the minus 80 fraction of the samples was digested in hot, dilute aqua regia in a boiling water bath and then diluted to 10

millilitres with distilled water. Samples were analyzed for a group of 30 elements by ICP technique. In addition, gold was analyzed from a 10 gram fraction by AA.

The highest gold value in the rock chip sampling program was 40 ppb (Figure 5). The sample was obtained from an iron oxide stained serpentenite, similar in mineralogy to the nickel bearing mafic rock due south of the Ket 8 claim along the old railroad grade.

2.6 Geophysics

An EG & G Geometrics model G-846 magnetometer, (Unimag II) was used in the hand-held position on reconnaissance traverses as an aid in geologic interpretation and to locate, on the ground, airborne magnetometer highs generated by Terraquest.

Lines, totalling 3.6 kilometres, of magnetometer survey were completed. A three-point running average (over 75 metres) method was used to eliminate spurious local highs and to delineate larger scale magnetic structures.

Ground magnetometer reconnaissance reflected the general geology, whereby background readings were obtained from the Tertiary(?) aged conglomerates and Anarchist group rocks and anomalous values to 58000 gammas were associated with the diorite family rocks (Figures 6-10). Very local highs of 59000+ gammas were related to magnetite stringers in greenstone.

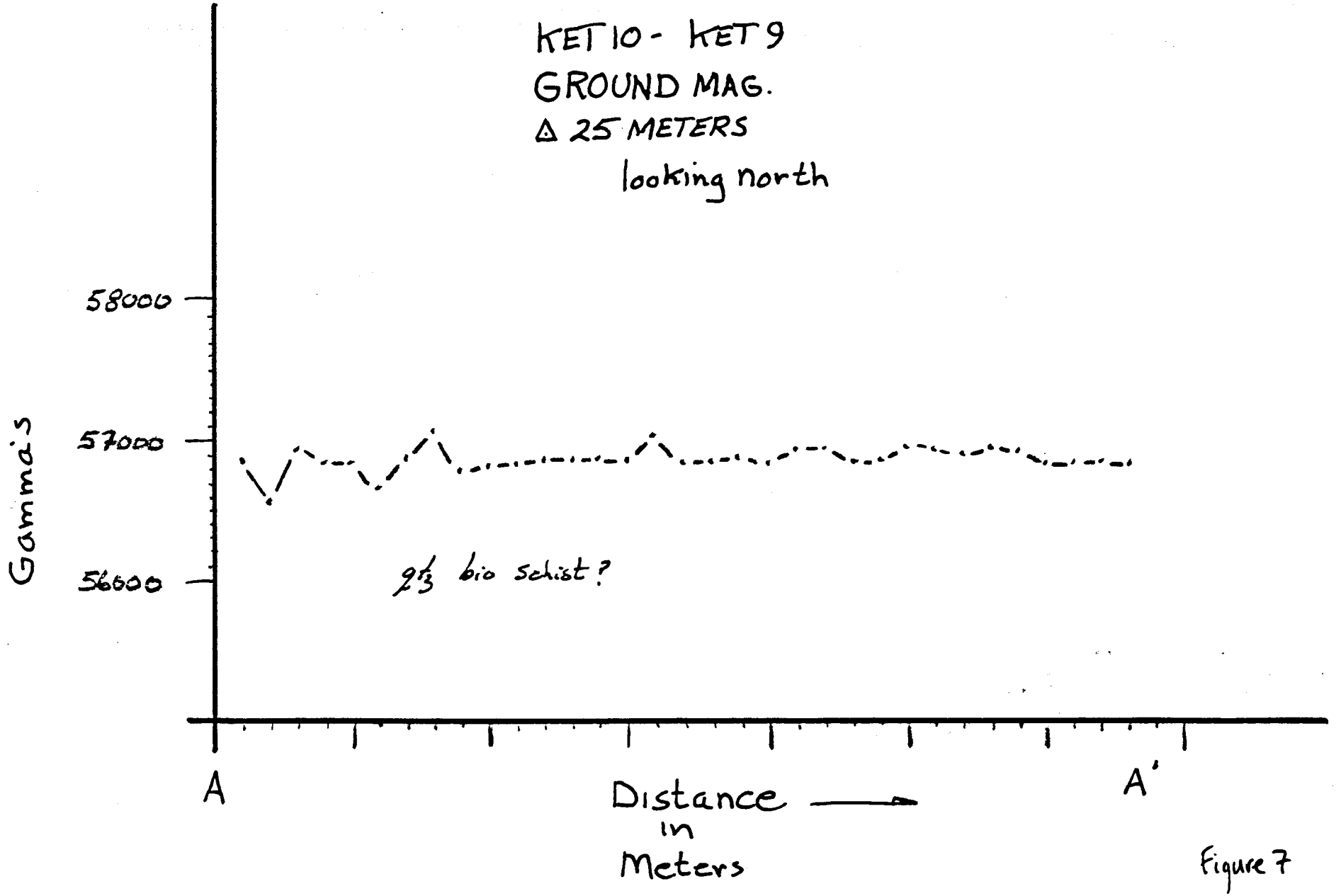

KET 10 - KET 9
GROUND MAG.
Δ 25 METERS
looking north
58000
57000
56000
Gamma's
gr/s bio schist?
A
A'
Distance
in
Meters

Figure 7

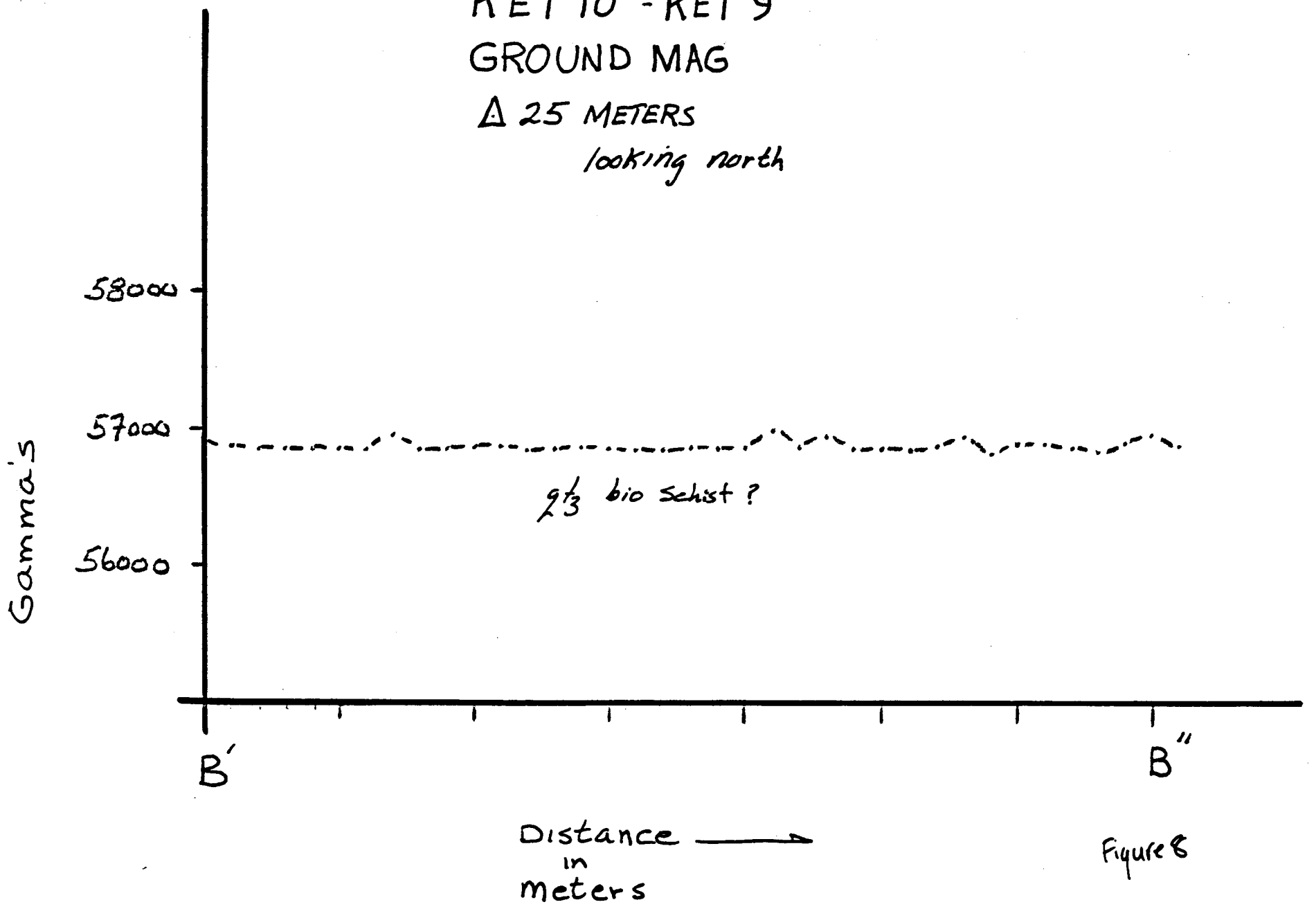

KET 10 - KET 9
GROUND MAG
Δ 25 METERS
looking north
58000
57000
56000
Gamma's
q/3 bio schist ?
B'
B"
Distance
in
meters

Figure 8

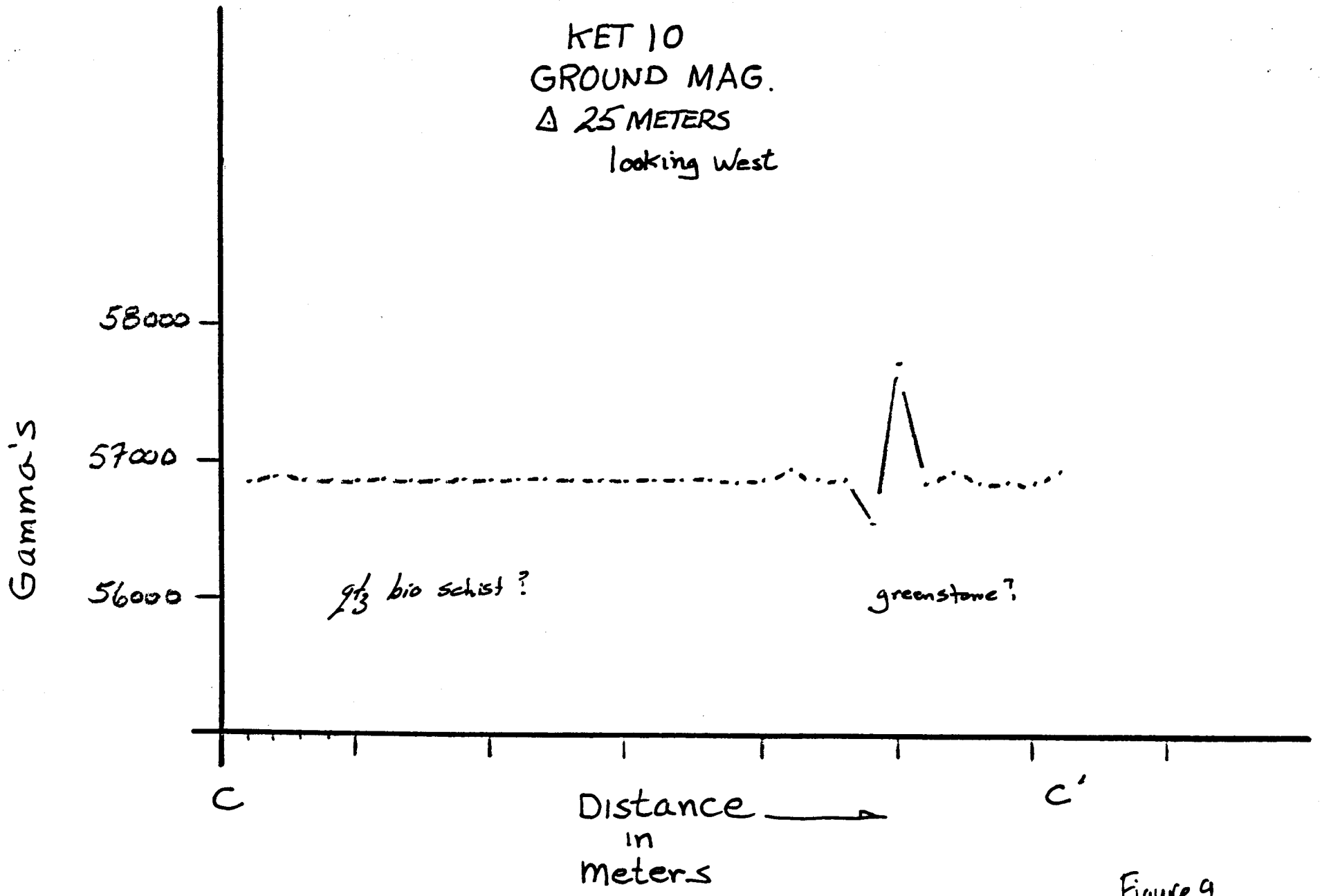

KET 10
GROUND MAG.
Δ 25 METERS
looking West
58000
57000
56000
Gamma's
qtz bio schist?
greenstone?
C
C'
Distance
in
meters

Figure 9

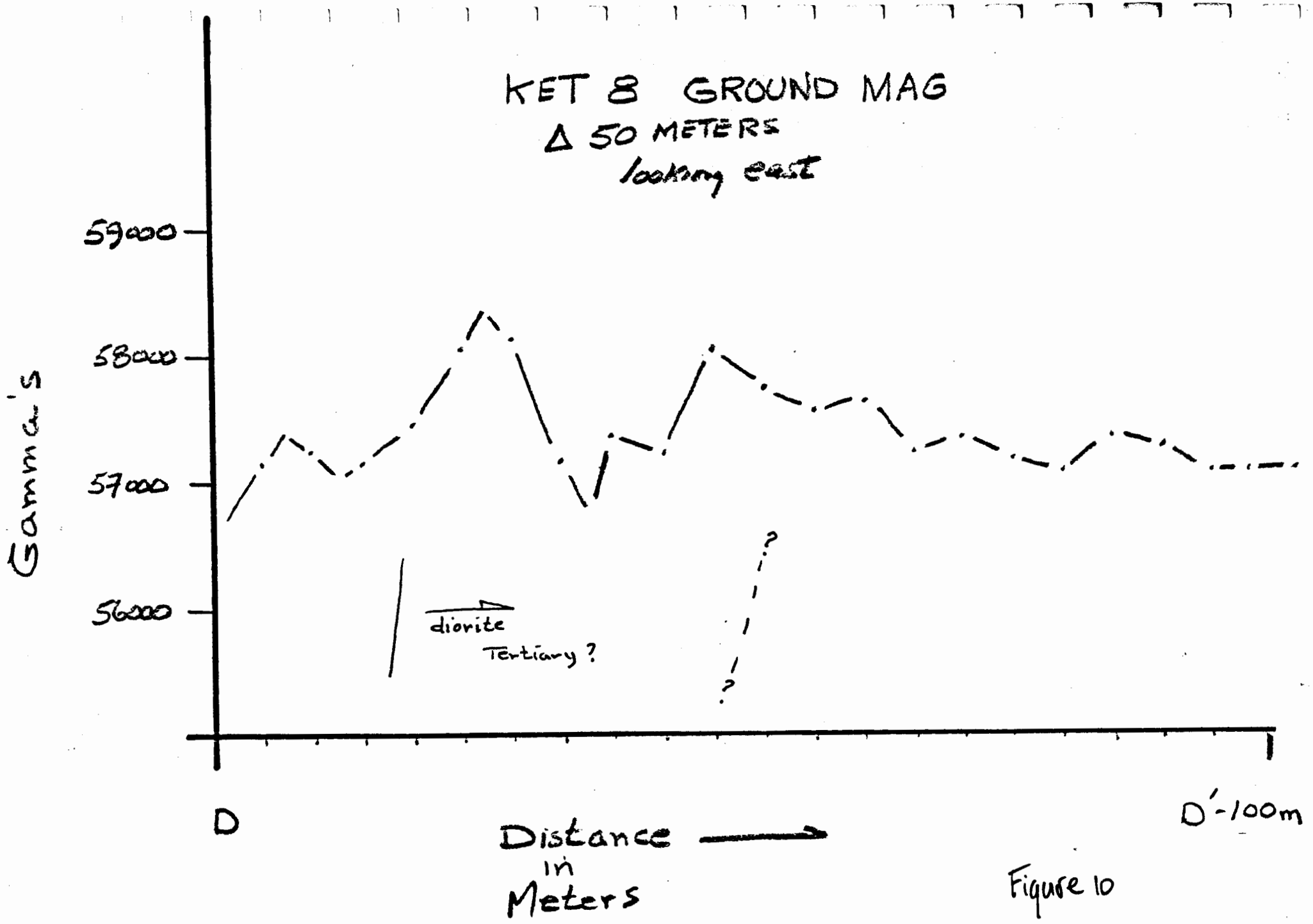

KET 8 GROUND MAG
Δ 50 METERS
looking east
59000
58000
57000
56000
Gamma's
diorite
Tertiary ?
?
?
D
D'-100m
Distance
in
Meters

Figure 10

Airborne conductors were located on surface and most were associated with pyrrhotite rich greenstone in the Ket 9 and Ket 10 claims (Figure 11). The strong conductor in the upper reaches of the Ket 7 and Ket 8 claims appears to be part of the granodiorite-diorite contact and is worthy of additional follow-up work. As well, the Ket 7 claim magnetic anomaly should be investigated.

3.0 DISCUSSION

Calc-silicate and sulphide mineral assemblages may be found in rocks associated with the Ket 7 claim magnetic anomaly and VLF-EM conductor. This would then allow for the development of a geologic model related to gold skarns.

Additionally the sheeted quartz vein target drilled in the Ket 28, RM 1 and RM 16 claims (Miller & Kushner, 1991), appears to be fault related and might project onto the Ket 10 group. This would indicate drill targets for further investigation in the southwest corner of the Ket 9 claim.

4.0 RECOMMENDATIONS

Detailed rock chip sampling and reconnaissance magnetometery in the northwest corner of Ket 7 and the southeast corner of Ket 9 is recommended. This program is to be followed by detailed gridding for both soils and ground magnetometery.

APPENDIX A

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, ROBERT E. MILLER, of Oroville, Washington, DO HEREBY CERTIFY THAT:

1. I am a geologist with Crown Resources Corporation, with a business address of Star Route 85, Oroville, Washington 98844.

2. I am a 1962 graduate from Brigham Young University with a Geological Engineering degree.

3. I have practised my profession continuously since graduation.

4. I personally conducted the 1990 exploration program discussed in this report.

Dated this 12th day of February, 1991.

Robert E. Miller
Geological Engineer

STATEMENT OF QUALIFICATIONS

I, WILLIAM R. KUSHNER, of 1942 East 2nd Avenue, 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 820-650 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 Crown Resources Corporation on the subject property between June and November, 1990, and on information from government publications and reports filed with the Government of British Columbia.
5. THAT I did not visit 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 25th day of February, 1991.

William R. Kushner, B.Sc.
Geologist

APPENDIX B

STATEMENT OF EXPENDITURES

STATEMENT OF EXPENDITURES

Rock Sample Assays 23 samples @ $11.00/sample		$253.00
Magnetometer Survey 3.6 km @ $125/km		$450.00
Vehicle 6 days @ $75.00/day		$450.00
Senior Geologist 6 days @ $400/day		$2400.00
Geologist 4 days @ $285/day		$1140.00
Geotechnician 3 days @ $250/day		$750.00
Geotechnician 3 days @ $250/day		$750.00
Room and Board 16 days @ $120/day		$1920.00
Miscellaneous (Shipping, Field Expendables, etc.)		$75.00
	Subtotal:	**$8188.00**
Management Fee (13.5%)		$1105.38
Report and Drafting		$700.00
	TOTAL:	**$9993.38**

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.

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

APPENDIX D

CERTIFICATE OF ANALYSIS

Chemex Labs Ltd.

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

To: CROWN RESOURCE CORPORATION **

820 16TH ST., STE. 415
DENVER, COLORADO
80202

Project : MIDWAY
Comments: ATTN: CHRIS HERALD CC: J. SHANNON

Invoice Date: 30-MAY-90
Invoice No. : I-9015644
P.O. Number : NONE

CERTIFICATE OF ANALYSIS A9015644

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
90CM100R	205	294	< 5	< 0.2	0.89	< 5	70	< 0.5	< 2	1.10	< 0.5	36	241	55	2.99	< 10	< 1	0.03	< 10	0.67	210
90CM101R	205	294	25	0.8	0.13	< 5	70	< 0.5	< 2	0.05	< 0.5	1	175	8	0.37	< 10	< 1	0.04	10	0.01	20
90CM102R	205	294	< 5	< 0.2	1.59	< 5	20	< 0.5	< 2	0.94	< 0.5	84	517	89	3.39	< 10	< 1	< 0.01	< 10	1.42	170
90CM103R	205	294	< 5	0.4	1.24	< 5	20	< 0.5	< 2	0.04	< 0.5	76	893	53	3.22	< 10	< 1	0.05	< 10	1.20	55
90CM104R	205	294	< 5	0.4	0.55	5	20	< 0.5	< 2	0.01	< 0.5	160	397	48	5.25	< 10	< 1	0.05	< 10	0.46	40
90CM105R	205	294	< 5	0.2	0.98	< 5	20	< 0.5	< 2	0.01	< 0.5	106	690	47	7.03	< 10	< 1	0.05	< 10	0.79	70
90CM106R	205	294	< 5	< 0.2	1.70	< 5	40	< 0.5	< 2	0.85	< 0.5	90	409	55	2.73	< 10	< 1	0.07	< 10	0.64	95
90CM107R	205	294	15	0.2	1.21	< 5	60	< 0.5	< 2	0.05	< 0.5	82	623	63	5.65	< 10	< 1	0.17	< 10	0.90	155
90CM108R	205	294	5	0.6	0.81	< 5	50	< 0.5	< 2	0.01	< 0.5	65	486	53	2.72	< 10	< 1	0.14	10	0.56	35
90CM109R	205	294	< 5	0.2	1.29	< 5	30	< 0.5	< 2	0.03	< 0.5	131	923	72	5.70	< 10	< 1	0.05	< 10	0.94	60
90CM110R	205	294	< 5	< 0.2	0.36	< 5	< 10	< 0.5	< 2	0.60	< 0.5	93	694	13	4.95	< 10	< 1	< 0.01	< 10	7.53	660
90CM111R	205	294	< 5	0.6	1.27	5	860	< 0.5	< 2	0.32	< 0.5	4	185	15	3.95	< 10	< 1	0.18	20	0.95	70
90CM112R	205	294	< 5	0.6	1.74	< 5	50	< 0.5	< 2	2.36	< 0.5	15	48	25	3.85	< 10	< 1	0.31	20	1.54	705
90CM113R	205	294	< 5	1.2	2.02	< 5	60	< 0.5	< 2	3.57	< 0.5	21	90	18	4.90	< 10	< 1	0.19	40	2.12	935
90CM114R	205	294	< 5	1.0	1.41	< 5	50	0.5	< 2	1.69	< 0.5	18	68	41	3.94	< 10	< 1	0.61	50	2.19	380
90CM115R	205	294	< 5	2.8	3.68	< 5	430	2.0	< 2	1.72	< 0.5	15	70	63	3.76	< 10	< 1	0.58	180	1.22	935
90CM116R	205	294	< 5	3.2	2.84	< 5	270	3.0	< 2	2.32	< 0.5	13	40	60	3.53	< 10	< 1	0.42	180	1.20	605
90CM117R	205	294	< 5	1.0	0.73	20	40	< 0.5	< 2	4.81	0.5	5	73	29	1.32	< 10	< 1	0.04	< 10	0.13	345
90CM118R	205	294	< 5	< 0.2	1.56	5	30	< 0.5	< 2	>15.00	< 0.5	5	43	11	1.26	< 10	< 1	0.01	< 10	0.91	490
90CM119R	205	294	< 5	< 0.2	1.02	< 5	10	< 0.5	< 2	>15.00	0.5	4	21	7	0.77	< 10	< 1	0.13	< 10	0.32	215
90CM120R	205	294	< 5	< 0.2	0.40	5	40	< 0.5	< 2	>15.00	< 0.5	3	10	10	0.81	< 10	< 1	0.03	< 10	0.22	240
90CM121R	205	294	< 5	0.2	2.34	< 5	70	< 0.5	< 2	3.99	< 0.5	23	144	35	4.93	< 10	< 1	0.23	< 10	2.07	1200
90CM122R	205	294	10	0.2	2.04	15	130	< 0.5	< 2	2.04	< 0.5	25	83	84	4.22	< 10	< 1	0.26	< 10	1.51	645
90CM123R	205	294	5	0.4	2.29	< 5	110	< 0.5	< 2	1.96	< 0.5	14	78	8	4.36	< 10	< 1	0.62	20	2.07	720
90CM124R	205	294	< 5	0.6	2.02	< 5	30	< 0.5	< 2	1.82	0.5	19	73	12	3.84	< 10	< 1	0.19	30	1.91	710
90CM125R	205	294	< 5	< 0.2	1.88	5	10	< 0.5	< 2	0.81	< 0.5	3	82	37	4.65	< 10	< 1	0.14	< 10	0.86	525
90CM126R	205	294	< 5	< 0.2	0.55	25	< 10	< 0.5	< 2	1.12	< 0.5	1	51	31	1.58	< 10	< 1	0.05	< 10	0.14	365
90CM127R	205	294	10	< 0.2	0.66	10	10	< 0.5	< 2	1.97	< 0.5	2	84	23	2.46	< 10	< 1	0.02	< 10	1.12	415
90CM128R	205	294	10	< 0.2	3.29	< 5	70	< 0.5	< 2	3.28	0.5	28	286	47	5.99	< 10	< 1	0.05	< 10	3.69	1305
90CM129R	205	294	< 5	< 0.2	2.01	< 5	150	< 0.5	< 2	1.85	< 0.5	23	30	33	4.61	< 10	< 1	0.56	< 10	2.04	775
90CM130R	205	294	< 5	< 0.2	0.97	< 5	< 10	< 0.5	< 2	1.28	< 0.5	7	47	25	4.58	< 10	< 1	0.03	< 10	0.62	360
90CM131R	205	294	< 5	< 0.2	1.49	< 5	80	< 0.5	< 2	0.87	< 0.5	14	85	37	5.12	< 10	< 1	0.39	< 10	1.37	525
90CM132R	205	294	< 5	< 0.2	2.34	< 5	30	< 0.5	< 2	0.70	< 0.5	15	39	8	5.39	< 10	< 1	0.09	10	2.07	545
90CM133R	205	294	< 5	0.4	0.19	5	< 10	< 0.5	< 2	>15.00	< 0.5	1	1	< 1	0.38	< 10	< 1	0.01	< 10	0.17	200
90CM134R	205	294	< 5	< 0.2	1.83	< 5	160	< 0.5	< 2	1.30	0.5	9	66	39	4.39	< 10	< 1	0.17	10	0.88	735
90CM135R	205	294	< 5	< 0.2	0.37	< 5	310	< 0.5	< 2	0.09	< 0.5	1	173	20	0.92	< 10	< 1	0.09	< 10	0.16	35
90CM136R	205	294	< 5	0.8	0.72	35	60	< 0.5	< 2	0.04	< 0.5	5	109	33	2.17	< 10	< 1	0.19	10	0.28	525
90CM137R	205	294	825	< 0.2	3.50	< 5	130	< 0.5	< 2	0.79	0.5	13	84	43	>15.00	< 10	< 1	1.07	10	0.76	340
90CM138R	205	294	< 5	0.2	1.91	< 5	860	< 0.5	< 2	2.97	< 0.5	32	19	167	4.98	< 10	< 1	0.83	< 10	1.35	375
90CM139R	205	294	< 5	0.8	2.42	< 5	250	< 0.5	< 2	2.06	0.5	3	28	5	5.83	< 10	< 1	0.16	70	0.89	945

CERTIFICATION : B. Caufield

Chemex Labs Ltd.

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TO: CROWN RESOURCE CORPORATION **

820 16TH ST., STE. 415
DENVER, COLORADO
80202

Project : MIDWAY
Comments: ATTN: CHRIS HERALD CC: J. SHANNON

Invoice Date: 30-MAY-90
Invoice No. : I-9015644
P.O. Number : NONE

CERTIFICATE OF ANALYSIS A9015644

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
90CM100R	205 294	< 1	0.05	489	720	< 2	< 5	1	97	0.03	< 10	< 10	14	< 10	24
90CM101R	205 294	2	< 0.01	6	310	18	< 5	< 1	22	< 0.01	< 10	< 10	21	< 10	< 2
90CM102R	205 294	< 1	< 0.01	1360	1070	< 2	< 5	2	153	0.02	20	< 10	20	< 10	14
90CM103R	205 294	< 1	0.04	493	150	6	< 5	2	13	< 0.01	< 10	< 10	28	< 10	10
90CM104R	205 294	4	0.01	1190	20	< 2	< 5	1	4	< 0.01	20	< 10	12	< 10	12
90CM105R	205 294	1	0.06	765	40	< 2	< 5	2	7	< 0.01	< 10	< 10	26	< 10	14
90CM106R	205 294	1	0.07	621	250	2	< 5	1	115	0.02	< 10	< 10	18	< 10	12
90CM107R	205 294	5	0.03	1735	190	< 2	< 5	4	8	< 0.01	30	< 10	37	< 10	22
90CM108R	205 294	5	0.04	677	120	< 2	< 5	3	15	< 0.01	< 10	< 10	29	< 10	10
90CM109R	205 294	1	0.08	1005	100	< 2	< 5	3	16	< 0.01	10	< 10	34	< 10	16
90CM110R	205 294	< 1	< 0.01	1790	< 10	< 2	< 5	7	11	< 0.01	60	< 10	14	< 10	24
90CM111R	205 294	4	0.01	41	1750	< 2	< 5	3	19	< 0.01	< 10	< 10	61	< 10	56
90CM112R	205 294	< 1	0.03	14	850	< 2	< 5	8	121	0.08	< 10	< 10	99	10	52
90CM113R	205 294	< 1	0.09	13	2130	< 2	< 5	14	373	0.09	< 10	< 10	141	10	80
90CM114R	205 294	1	0.06	62	2310	8	< 5	5	305	0.33	< 10	< 10	94	10	68
90CM115R	205 294	< 1	1.76	24	2950	24	< 5	2	883	0.22	< 10	< 10	95	10	86
90CM116R	205 294	< 1	0.70	22	2870	20	< 5	3	873	0.13	< 10	< 10	91	10	84
90CM117R	205 294	9	0.02	22	1440	< 2	< 5	3	156	0.07	< 10	< 10	46	< 10	86
90CM118R	205 294	1	0.03	11	460	< 2	< 5	5	325	0.07	< 10	< 10	52	< 10	44
90CM119R	205 294	< 1	< 0.01	11	170	< 2	< 5	1	341	0.03	< 10	< 10	16	< 10	22
90CM120R	205 294	< 1	0.01	10	330	< 2	< 5	< 1	110	0.02	< 10	< 10	6	< 10	30
90CM121R	205 294	< 1	0.05	51	680	< 2	< 5	17	99	0.05	< 10	< 10	123	10	68
90CM122R	205 294	1	0.11	23	390	< 2	< 5	13	84	0.09	< 10	< 10	146	10	58
90CM123R	205 294	< 1	0.06	6	900	< 2	< 5	13	73	0.20	< 10	< 10	117	10	76
90CM124R	205 294	< 1	0.20	28	890	2	< 5	14	51	0.13	< 10	< 10	137	10	60
90CM125R	205 294	< 1	0.02	2	160	< 2	< 5	11	36	< 0.01	< 10	< 10	30	< 10	32
90CM126R	205 294	< 1	0.04	3	70	6	< 5	5	17	< 0.01	< 10	< 10	5	< 10	40
90CM127R	205 294	< 1	0.06	1	40	< 2	< 5	7	98	< 0.01	< 10	< 10	5	< 10	44
90CM128R	205 294	< 1	0.12	85	810	< 2	< 5	23	151	0.16	< 10	< 10	160	10	82
90CM129R	205 294	< 1	0.18	12	420	< 2	< 5	13	20	0.18	< 10	< 10	132	10	54
90CM130R	205 294	< 1	0.05	2	730	< 2	< 5	13	19	0.08	< 10	< 10	26	10	22
90CM131R	205 294	< 1	0.10	14	910	< 2	< 5	17	13	0.17	< 10	< 10	102	10	80
90CM132R	205 294	< 1	0.04	4	690	< 2	< 5	18	21	0.05	< 10	< 10	121	10	72
90CM133R	205 294	< 1	< 0.01	1	30	< 2	< 5	1	241	< 0.01	< 10	< 10	6	< 10	10
90CM134R	205 294	1	0.06	28	230	< 2	< 5	14	49	0.12	< 10	< 10	103	10	98
90CM135R	205 294	1	< 0.01	7	390	2	< 5	1	15	< 0.01	< 10	< 10	15	< 10	18
90CM136R	205 294	9	< 0.01	14	180	12	< 5	3	14	0.01	< 10	< 10	31	< 10	18
90CM137R	205 294	3	0.06	12	2160	< 2	< 5	7	27	0.31	< 10	< 10	176	30	82
90CM138R	205 294	< 1	0.09	27	1820	< 2	< 5	6	136	0.30	< 10	< 10	169	10	62
90CM139R	205 294	3	0.08	4	1380	10	< 5	5	67	0.05	< 10	< 10	5	20	160

KET 10

CERTIFICATION : B. Campbell

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To: CROWN RESOURCE CORPORATION

820 16TH ST., STE. 415
DENVER, COLORADO
80202

Invoice Date: 18-JUN-90
Invoice No. : I-9016589
P.O. Number : NONE

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

CERTIFICATE OF ANALYSIS A9016589

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
90CM 237R	205	294	< 5	< 0.2	1.94	< 5	170	< 0.5	< 2	2.66	< 0.5	18	39	22	8.37	< 10	< 1	0.72	20	1.82	1010
90CM 238R	205	294	45	< 0.2	2.50	30	50	< 0.5	< 2	5.74	< 0.5	24	53	70	6.00	< 10	< 1	0.17	< 10	1.48	895
90CM 239R	205	294	< 5	0.2	1.96	15	60	< 0.5	< 2	3.33	< 0.5	23	16	15	8.89	< 10	< 1	0.13	20	1.37	950
90CM 240R	205	294	< 5	< 0.2	2.35	< 5	60	< 0.5	< 2	2.81	< 0.5	19	40	25	7.21	< 10	< 1	0.17	20	1.68	1255
90CM 241R	205	294	< 5	< 0.2	3.12	15	70	< 0.5	< 2	1.99	< 0.5	35	18	44	9.72	< 10	< 1	0.18	20	2.97	1535
90CM 242R	205	294	2470	0.6	1.41	40	60	< 0.5	< 2	4.93	< 0.5	21	35	32	6.63	< 10	< 1	0.33	< 10	0.70	1840
90CM 243R	205	294	225	< 0.2	1.72	20	30	< 0.5	< 2	5.13	< 0.5	26	22	26	8.42	< 10	< 1	0.11	< 10	1.53	1450
90CM 244R	205	294	5	< 0.2	0.68	15	50	< 0.5	< 2	0.89	< 0.5	20	148	128	5.00	< 10	< 1	0.10	10	0.56	505
90CM 245R	205	294	< 5	< 0.2	0.79	5	40	< 0.5	< 2	0.82	< 0.5	13	230	94	4.37	< 10	< 1	0.07	10	0.68	830
90CM 246R	205	294	< 5	< 0.2	2.83	30	90	< 0.5	< 2	2.30	< 0.5	39	180	123	8.04	< 10	< 1	0.26	10	2.96	2860
90CM 247R	205	294	< 5	< 0.2	1.16	< 5	80	< 0.5	< 2	0.16	< 0.5	2	90	34	2.92	< 10	< 1	0.34	30	0.56	1190
90CM 248R	205	294	< 5	< 0.2	3.73	< 5	650	< 0.5	< 2	2.10	< 0.5	30	105	45	5.69	< 10	< 1	1.29	10	2.19	525
90CM 249R	205	294	< 5	< 0.2	2.69	10	100	< 0.5	< 2	4.86	< 0.5	32	148	62	5.04	< 10	< 1	0.23	< 10	1.73	380
90CM 250R	205	294	< 5	< 0.2	2.64	110	90	< 0.5	< 2	6.59	< 0.5	39	847	32	3.65	< 10	< 1	0.08	< 10	3.19	700
90CM 251R	205	294	< 5	< 0.2	2.66	5	170	< 0.5	< 2	2.07	< 0.5	38	85	75	8.71	< 10	< 1	0.64	10	2.81	1290
90CM 252R	205	294	< 5	< 0.2	2.22	10	210	< 0.5	< 2	4.40	< 0.5	26	19	31	8.87	< 10	< 1	0.38	< 10	1.83	1350
90CM 253R	205	294	< 5	< 0.2	0.41	340	450	< 0.5	< 2	9.64	< 0.5	23	143	17	3.32	< 10	< 1	0.22	< 10	4.71	715
90CM 254R	205	294	15	< 0.2	0.58	90	90	< 0.5	< 2	8.55	< 0.5	20	106	21	3.42	< 10	2	0.26	< 10	4.62	850
90CM 255R	205	294	< 5	< 0.2	0.49	15	120	< 0.5	< 2	7.72	< 0.5	15	111	15	2.61	< 10	< 1	0.25	< 10	3.04	595
90CM 256R	205	294	10	< 0.2	2.24	25	300	< 0.5	< 2	4.27	< 0.5	28	140	62	5.13	< 10	< 1	0.45	< 10	1.52	920
90CM 257R	205	294	< 5	< 0.2	0.32	30	70	< 0.5	< 2	10.20	< 0.5	11	95	5	2.32	< 10	1	0.15	< 10	5.42	625
90CM 258R	205	294	10	< 0.2	0.14	30	90	0.5	< 2	0.08	< 0.5	1	214	26	1.74	< 10	1	0.05	< 10	0.05	55
90CM 259R	205	294	15	< 0.2	0.43	15	150	1.5	< 2	0.12	< 0.5	2	190	56	3.15	< 10	< 1	0.05	< 10	0.23	90
90CM 260R	205	294	15	< 0.2	0.56	20	120	2.0	< 2	0.05	< 0.5	4	222	46	3.09	< 10	< 1	0.03	< 10	0.34	75
90CM 261R	205	294	40	< 0.2	0.08	50	40	2.5	< 2	0.11	< 0.5	2	232	42	2.93	< 10	< 1	0.01	< 10	0.03	95
90CM 262R	205	294	3870	2.0	0.76	40	20	6.0	< 2	4.80	< 0.5	31	187	45	5.27	< 10	< 1	0.06	< 10	0.51	685
90CM 263R	205	294	40	< 0.2	0.12	< 5	10	0.5	< 2	0.15	< 0.5	1	221	< 1	0.51	< 10	< 1	0.02	< 10	0.06	105
90CM 264R	205	294	15	< 0.2	1.36	5	170	14.5	< 2	2.54	< 0.5	14	46	10	8.76	40	< 1	0.69	40	1.03	1360
90CM 265R	205	294	< 5	< 0.2	1.74	< 5	280	4.5	< 2	3.46	< 0.5	6	42	11	2.59	< 10	< 1	0.28	< 10	0.97	805
90CM 266R	205	294	< 5	< 0.2	0.48	10	220	2.5	< 2	0.10	< 0.5	2	154	10	1.23	< 10	< 1	0.12	< 10	0.24	60
90CM 267R	205	294	10	< 0.2	1.21	10	1790	< 0.5	< 2	0.45	< 0.5	3	218	30	3.18	< 10	< 1	0.43	20	0.59	200
90CM 268R	205	294	5	< 0.2	0.94	10	400	< 0.5	< 2	1.85	< 0.5	2	160	15	1.48	< 10	< 1	0.20	10	0.47	105
90CM 269R	205	294	< 5	< 0.2	3.81	< 5	60	< 0.5	< 2	0.52	< 0.5	74	1990	107	6.40	< 10	< 1	< 0.01	< 10	3.89	715
90CM 270R	205	294	< 5	< 0.2	3.28	10	170	< 0.5	< 2	0.71	< 0.5	62	1360	63	4.24	< 10	< 1	0.19	10	2.84	475
90CM 271R	205	294	5	< 0.2	2.26	15	70	< 0.5	< 2	0.71	< 0.5	73	852	57	4.41	< 10	< 1	0.04	< 10	1.56	415
90CM 272R	205	294	5	< 0.2	0.37	10	30	< 0.5	< 2	0.03	< 0.5	1	229	34	5.16	< 10	< 1	0.03	10	0.11	740
90CM 273R	205	294	< 5	< 0.2	0.52	5	140	< 0.5	< 2	4.69	< 0.5	15	198	11	2.43	< 10	< 1	0.14	< 10	2.34	640

KET 10

CERTIFICATION : B. Caughlin

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Page Number : 1-B
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Project : MIDWAY
Comments: ATTN: CHRIS HERALD CC: J. SHANNON CC: R. MILLER

CERTIFICATE OF ANALYSIS A9016589

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
90CM 237R	205	294	< 1	0.03	8	2100	< 2	< 5	12	141	0.27	< 10	< 10	81	10	120
90CM 238R	205	294	< 1	0.02	26	1180	2	< 5	7	213	0.14	< 10	< 10	103	10	66
90CM 239R	205	294	1	0.02	4	2720	< 2	5	7	80	0.10	< 10	< 10	61	10	124
90CM 240R	205	294	< 1	0.02	9	1780	< 2	5	8	107	0.47	< 10	< 10	78	10	118
90CM 241R	205	294	1	0.02	18	1400	6	5	17	72	0.63	< 10	< 10	208	10	140
90CM 242R	205	294	< 1	0.01	23	1090	4	5	5	74	< 0.01	< 10	< 10	35	< 10	46
90CM 243R	205	294	1	0.03	4	1960	18	< 5	15	206	0.13	< 10	< 10	94	< 10	92
90CM 244R	205	294	8	< 0.01	73	2130	12	< 5	2	42	< 0.01	< 10	< 10	57	< 10	140
90CM 245R	205	294	5	< 0.01	64	1330	8	< 5	2	33	< 0.01	< 10	< 10	43	< 10	94
90CM 246R	205	294	4	0.01	175	1750	< 2	< 5	5	79	< 0.01	< 10	< 10	67	< 10	116
90CM 247R	205	294	2	0.01	4	590	2	< 5	1	13	0.05	< 10	< 10	10	< 10	30
90CM 248R	205	294	3	0.19	61	1960	2	< 5	11	60	0.31	< 10	< 10	152	< 10	78
90CM 249R	205	294	3	0.09	81	2220	8	10	9	73	0.35	< 10	< 10	110	< 10	90
90CM 250R	205	294	1	0.02	500	1150	12	10	17	377	0.02	< 10	< 10	118	< 10	62
90CM 251R	205	294	2	0.02	36	1280	< 2	< 5	10	54	0.70	< 10	< 10	163	10	130
90CM 252R	205	294	2	0.03	11	2540	12	5	15	148	0.47	< 10	< 10	133	20	128
90CM 253R	205	294	< 1	< 0.01	306	220	6	15	7	506	< 0.01	< 10	< 10	25	< 10	30
90CM 254R	205	294	< 1	< 0.01	288	270	8	5	7	449	< 0.01	< 10	< 10	20	10	36
90CM 255R	205	294	< 1	< 0.01	171	300	10	< 5	5	230	< 0.01	< 10	< 10	23	< 10	12
90CM 256R	205	294	3	0.01	82	1820	4	< 5	10	126	0.05	< 10	< 10	104	10	100
90CM 257R	205	294	< 1	< 0.01	119	610	6	5	5	459	< 0.01	< 10	< 10	16	10	20
90CM 258R	205	294	2	< 0.01	4	370	4	< 5	< 1	8	< 0.01	< 10	< 10	16	< 10	4
90CM 259R	205	294	3	< 0.01	13	560	2	< 5	1	8	< 0.01	< 10	< 10	25	10	20
90CM 260R	205	294	2	< 0.01	15	330	< 2	< 5	1	4	< 0.01	< 10	< 10	34	20	20
90CM 261R	205	294	2	< 0.01	8	130	4	< 5	< 1	8	< 0.01	< 10	< 10	6	20	6
90CM 262R	205	294	< 1	< 0.01	14	320	8	5	4	261	< 0.01	< 10	< 10	29	80	24
90CM 263R	205	294	< 1	< 0.01	4	500	< 2	< 5	< 1	6	< 0.01	< 10	< 10	3	< 10	6
90CM 264R	205	294	< 1	0.05	5	2730	< 2	5	7	87	0.14	< 10	< 10	43	160	148
90CM 265R	205	294	< 1	0.02	3	670	4	< 5	1	145	< 0.01	< 10	< 10	22	50	54
90CM 266R	205	294	< 1	< 0.01	10	370	4	< 5	< 1	25	< 0.01	< 10	< 10	14	20	26
90CM 267R	205	294	3	0.01	15	2000	26	< 5	2	32	0.05	< 10	< 10	111	< 10	126
90CM 268R	205	294	< 1	< 0.01	12	7590	< 2	< 5	1	78	0.01	< 10	< 10	23	< 10	32
90CM 269R	205	294	< 1	0.01	1175	420	2	5	14	33	0.06	< 10	< 10	136	< 10	34
90CM 270R	205	294	< 1	0.05	952	700	< 2	5	11	77	0.07	< 10	< 10	111	< 10	24
90CM 271R	205	294	< 1	0.06	1620	140	< 2	< 5	3	49	0.09	20	< 10	49	< 10	30
90CM 272R	205	294	8	0.03	14	600	4	5	2	15	< 0.01	< 10	< 10	94	< 10	22
90CM 273R	205	294	< 1	< 0.01	182	440	< 2	5	4	102	< 0.01	< 10	< 10	18	< 10	14

KET 10

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Page ... A
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Invoice No. : I-9021618
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Project : MIDWAY
Comments: ATTN:CHRIS HERALD,CC:J.SHANNON,CC:R.MILLER.

CERTIFICATE OF ANALYSIS A9021618

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
90 CM 535 R	205	294	< 5	< 0.2	1.14	< 5	150	< 0.5	< 2	0.21	< 0.5	2	64	6	1.61	< 10	< 1	0.31	20	0.32	270
90 CM 536 R	205	294	35	37.2	0.80	< 5	< 10	< 0.5	40	1.10	20.5	188	22	>10000	>15.00	< 10	< 1	0.04	< 10	0.28	375
90 CM 537 R	205	294	1830	46.0	0.77	< 5	< 10	< 0.5	726	0.37	14.5	146	37	7600	>15.00	< 10	< 1	0.02	< 10	0.17	180
90 CM 538 R	205	294	170	14.8	0.69	5	10	< 0.5	218	2.77	2.0	14	236	851	5.66	< 10	< 1	0.04	< 10	0.60	590
90 CM 539 R	205	294	10	1.4	1.97	5	20	< 0.5	14	1.44	< 0.5	10	206	91	2.37	< 10	1	0.09	< 10	0.78	380
90 CM 540 R	205	294	255	3.6	0.42	< 5	< 10	< 0.5	2	12.85	1.5	20	76	1225	>15.00	< 10	< 1	< 0.01	< 10	0.11	2010
DYTN #1 00-05'	205	294	30	< 0.2	1.62	< 5	160	< 0.5	10	0.56	1.0	7	75	137	3.72	10	< 1	0.35	10	1.30	155
DYTN #1 05-10'	205	294	945	< 0.2	1.30	< 5	140	< 0.5	10	0.75	< 0.5	8	132	983	2.46	10	< 1	0.41	10	1.25	140
DYTN #1 10-14'	205	294	190	0.6	2.89	< 5	240	< 0.5	< 2	2.56	< 0.5	29	475	753	4.86	< 10	2	1.50	10	3.65	325
DYTN #2 00-05'	205	294	115	< 0.2	2.04	< 5	170	0.5	8	1.10	0.5	19	227	494	3.61	10	< 1	0.80	10	2.13	205
DYTN #2 05-10'	205	294	185	0.8	2.75	< 5	200	1.0	< 2	1.00	1.0	29	435	981	4.12	< 10	1	1.56	< 10	3.06	175
DYTN #2 10-15'	205	294	45	0.6	3.07	< 5	220	1.5	< 2	1.24	0.5	16	425	255	4.29	< 10	1	1.86	< 10	3.58	230
DYTN #2 15-20'	205	294	125	0.4	2.31	< 5	230	< 0.5	< 2	0.93	0.5	11	285	376	4.05	< 10	2	1.11	< 10	2.55	215
DYTN #2 20-25'	205	294	50	0.4	1.80	< 5	270	< 0.5	< 2	1.09	< 0.5	10	163	230	3.16	< 10	2	0.86	10	1.81	230
DYTN #2 25-30'	205	294	35	0.4	2.18	< 5	210	< 0.5	< 2	0.81	1.0	12	204	163	3.67	< 10	3	0.99	< 10	2.36	255
DYTN #2 30-35'	205	294	60	< 0.2	2.03	< 5	190	< 0.5	< 2	1.49	< 0.5	16	258	267	3.39	< 10	2	0.94	< 10	2.25	245
DYTN #2 35-40'	205	294	80	0.6	2.92	< 5	160	< 0.5	< 2	1.15	< 0.5	40	466	558	4.47	< 10	2	1.58	< 10	3.48	220
DYTN #2 40-45'	205	294	135	0.6	2.69	< 5	150	< 0.5	< 2	1.22	< 0.5	38	451	724	4.38	< 10	3	1.47	< 10	3.16	210
DYTN #2 45-50'	205	294	270	0.6	2.92	< 5	160	< 0.5	< 2	1.35	< 0.5	31	455	1415	4.65	< 10	1	1.74	< 10	3.51	210
DYTN #2 50-55'	205	294	320	0.4	2.31	< 5	170	< 0.5	< 2	1.45	0.5	32	224	1325	4.10	< 10	2	1.16	10	2.61	230
DYTN #2 55-60'	205	294	125	0.8	2.98	< 5	170	< 0.5	< 2	1.14	< 0.5	22	177	420	4.74	< 10	2	1.45	< 10	3.34	215
DYTN #2 60-65'	205	294	180	< 0.2	3.65	< 5	160	< 0.5	< 2	1.44	< 0.5	29	383	907	5.41	< 10	1	2.12	< 10	4.21	245
DYTN #2 65-70'	205	294	65	0.4	2.51	< 5	160	< 0.5	< 2	0.86	0.5	18	119	362	3.74	< 10	< 1	1.42	< 10	2.81	150
DYTN #2 70-75'	205	294	155	0.6	2.72	< 5	150	< 0.5	< 2	1.76	< 0.5	21	307	660	3.83	< 10	< 1	1.42	< 10	3.54	220
DYTN #2 75-80'	205	294	165	0.6	2.48	< 5	140	< 0.5	< 2	1.90	1.0	26	244	811	3.68	< 10	1	1.21	10	2.99	225

MET 10 ←

CERTIFICATION: B. Caughlin

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: CROWN RESOURCE CORPORATION

820 16TH ST., STE. 415
DENVER, COLORADO
80202

Page N r : 1-B
Total Pa : 1
Invoice Date: 6-SEP-90
Invoice No. : I-9021618
P.O. Number :

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

CERTIFICATE OF ANALYSIS A9021618

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
90 CM 535 R	205	294	1	0.06	3	810	8	< 5	1	49	0.01	< 10	< 10	29	< 10	68
90 CM 536 R	205	294	8	< 0.01	36	< 200	6	10	2	21	< 0.01	20	60	3	800	548
90 CM 537 R	205	294	4	< 0.01	18	< 10	508	25	1	6	< 0.01	< 10	50	7	500	256
90 CM 538 R	205	294	2	< 0.01	5	450	178	< 5	< 1	45	< 0.01	< 10	< 10	48	90	44
90 CM 539 R	205	294	< 1	0.12	26	340	6	< 5	5	93	0.04	< 10	< 10	84	< 10	28
90 CM 540 R	205	294	6	< 0.01	6	330	< 2	5	1	16	< 0.01	10	20	26	350	40
DYTN #1 00-05'	205	294	2	0.10	27	920	8	< 5	6	26	0.14	< 10	< 10	98	10	18
DYTN #1 05-10'	205	294	30	0.09	28	760	10	< 5	5	38	0.14	< 10	< 10	100	10	18
DYTN #1 10-14'	205	294	10	0.12	193	1070	< 2	< 5	12	201	0.21	< 10	< 10	197	< 10	28
DYTN #2 00-05'	205	294	9	0.13	81	1050	< 2	< 5	7	73	0.19	< 10	< 10	153	< 10	18
DYTN #2 05-10'	205	294	13	0.22	154	1030	8	< 5	5	106	0.24	< 10	< 10	173	< 10	24
DYTN #2 10-15'	205	294	8	0.20	164	1020	< 2	5	6	101	0.25	< 10	< 10	175	< 10	26
DYTN #2 15-20'	205	294	4	0.15	91	1010	2	< 5	8	72	0.23	< 10	< 10	158	< 10	24
DYTN #2 20-25'	205	294	4	0.13	44	1020	4	< 5	8	68	0.22	< 10	< 10	132	< 10	24
DYTN #2 25-30'	205	294	8	0.10	60	920	2	< 5	9	57	0.23	< 10	< 10	146	< 10	26
DYTN #2 30-35'	205	294	8	0.13	94	920	< 2	< 5	6	92	0.20	< 10	< 10	130	< 10	20
DYTN #2 35-40'	205	294	20	0.17	180	1040	< 2	< 5	5	95	0.25	< 10	< 10	155	< 10	22
DYTN #2 40-45'	205	294	32	0.15	158	1100	< 2	< 5	5	93	0.24	< 10	< 10	153	< 10	22
DYTN #2 45-50'	205	294	43	0.14	150	940	< 2	< 5	8	105	0.23	< 10	< 10	191	< 10	28
DYTN #2 50-55'	205	294	16	0.09	90	950	8	5	9	87	0.21	< 10	< 10	141	< 10	32
DYTN #2 55-60'	205	294	3	0.07	61	850	< 2	< 5	14	67	0.27	< 10	< 10	188	10	30
DYTN #2 60-65'	205	294	33	0.13	148	750	< 2	< 5	11	95	0.24	< 10	< 10	170	< 10	30
DYTN #2 65-70'	205	294	21	0.11	68	910	10	< 5	13	61	0.24	< 10	< 10	192	< 10	24
DYTN #2 70-75'	205	294	49	0.07	99	840	< 2	< 5	14	99	0.21	< 10	< 10	210	< 10	24
DYTN #2 75-80'	205	294	12	0.09	103	830	10	< 5	13	99	0.20	< 10	< 10	188	< 10	26

CERTIFICATION: B. Caufield

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TO: CROWN RESOURCE CORPORATION

820 16TH ST., STE. 415
DENVER, COLORADO
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Page Number : 1-A
Total Pages : 1
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Invoice No. : I-9023174
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Project : MIDWAY
Comments: ATTN: CHRIS HERALD CC: J. SHANNON CC: R. MILLER

CERTIFICATE OF ANALYSIS A9023174

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
90-CM-557 R	205	294	40	1.0	0.32	230	10	< 0.5	2	2.25	1.5	8	209	81	2.73	< 10	< 1	0.03	< 10	0.70	740
90-CM-558 R	205	294	10	0.4	0.17	70	< 10	< 0.5	< 2	2.21	< 0.5	6	224	135	1.84	< 10	< 1	< 0.01	< 10	0.56	305
90-CM-559 R	205	294	40	< 0.2	4.34	230	40	< 0.5	< 2	7.06	0.5	24	137	97	5.25	< 10	< 1	0.13	< 10	3.14	940
90-CM-560 R	205	294	35	6.8	0.79	130	< 10	< 0.5	38	13.50	2.5	77	35	2090	7.29	< 10	< 1	< 0.01	< 10	3.67	1850
90-CM-561 R	205	294	40	2.0	2.16	60	20	< 0.5	36	5.63	0.5	48	57	1015	9.14	< 10	< 1	0.17	< 10	1.66	870
90-CM-562 R	205	294	10	2.0	0.81	60	< 10	< 0.5	< 2	12.25	< 0.5	52	36	430	6.33	< 10	< 1	0.02	< 10	4.18	1815
90-CM-563 R	205	294	10	< 0.2	3.32	175	50	< 0.5	< 2	6.47	< 0.5	30	211	43	5.16	< 10	< 1	0.34	< 10	3.22	1210
90-CM-564 R	205	294	235	< 0.2	2.18	50	10	< 0.5	< 2	12.15	< 0.5	14	124	73	2.70	< 10	< 1	0.11	< 10	2.04	1430
90-CM-565 R	205	294	15	< 0.2	0.71	40	20	< 0.5	< 2	9.76	< 0.5	10	87	15	4.61	< 10	< 1	0.13	< 10	3.55	2600
90-CM-566 R	205	294	< 5	< 0.2	1.70	< 5	20	< 0.5	< 2	2.86	< 0.5	19	91	106	3.65	< 10	< 1	0.05	< 10	1.36	870
90-CM-567 R	205	294	< 5	< 0.2	2.57	< 5	20	< 0.5	< 2	2.30	< 0.5	25	125	102	5.40	< 10	< 1	0.13	< 10	2.11	905
90-CM-568 R	205	294	30	< 0.2	0.24	< 5	30	< 0.5	< 2	0.11	< 0.5	< 1	116	11	1.43	< 10	< 1	0.10	10	0.08	65
90-CM-569 R	205	294	45	< 0.2	0.71	< 5	80	< 0.5	< 2	0.06	< 0.5	1	194	28	1.46	< 10	< 1	0.23	10	0.22	110
90-CM-570 R	205	294	10	< 0.2	0.80	< 5	640	< 0.5	< 2	0.08	< 0.5	3	194	19	1.58	< 10	< 1	0.15	< 10	0.46	175
90-CM-571 R	205	294	< 5	< 0.2	1.78	< 5	60	< 0.5	< 2	1.80	< 0.5	13	67	34	3.78	10	< 1	0.27	30	1.34	655
90-CM-572 R	205	294	15	< 0.2	1.03	5	40	< 0.5	< 2	0.24	< 0.5	4	61	24	3.74	< 10	< 1	0.45	30	0.16	190

KET 10

CERTIFICATION: B. Caufield

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To: CROWN RESOURCE CORPORATION

820 16TH ST., STE. 415
DENVER, COLORADO
80202

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

Invoice Date: 25-SEP-90
Invoice No. : I-9023174
P.O. Number :

CERTIFICATE OF ANALYSIS A9023174

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
90-CM-557 R	205	294	4	< 0.01	15	270	104	5	2	62	< 0.01	< 10	< 10	59	< 10	152
90-CM-558 R	205	294	18	< 0.01	20	320	10	5	1	37	< 0.01	< 10	< 10	60	< 10	20
90-CM-559 R	205	294	< 1	0.34	55	610	8	< 5	20	242	< 0.01	< 10	< 10	201	< 10	48
90-CM-560 R	205	294	10	0.01	77	30	98	< 5	1	153	< 0.01	< 10	< 10	87	660	248
90-CM-561 R	205	294	1	0.02	43	710	30	5	12	42	< 0.01	< 10	< 10	75	110	102
90-CM-562 R	205	294	3	0.01	71	80	12	5	3	139	< 0.01	< 10	< 10	64	220	84
90-CM-563 R	205	294	< 1	0.04	141	580	10	5	27	108	< 0.01	< 10	< 10	105	< 10	58
90-CM-564 R	205	294	< 1	0.02	36	1390	< 2	5	10	117	0.01	< 10	< 10	61	< 10	26
90-CM-565 R	205	294	1	0.01	19	50	16	< 5	12	183	< 0.01	< 10	< 10	52	< 10	30
90-CM-566 R	205	294	< 1	0.20	30	100	2	< 5	20	38	0.03	< 10	< 10	151	< 10	40
90-CM-567 R	205	294	2	0.24	43	130	2	< 5	25	31	0.04	< 10	< 10	177	< 10	58
90-CM-568 R	205	294	< 1	< 0.01	3	300	2	< 5	1	5	< 0.01	< 10	< 10	12	< 10	4
90-CM-569 R	205	294	< 1	0.01	8	290	2	< 5	1	8	< 0.01	< 10	< 10	18	< 10	8
90-CM-570 R	205	294	< 1	< 0.01	22	370	< 2	< 5	1	7	< 0.01	< 10	< 10	15	< 10	16
90-CM-571 R	205	294	< 1	0.05	8	1050	8	< 5	7	64	0.08	< 10	< 10	92	< 10	64
90-CM-572 R	205	294	4	0.01	2	1000	16	< 5	3	58	< 0.01	< 10	< 10	30	< 10	28

KET 10

CERTIFICATION: B. Campbell

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Page N. r: 1-A
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Invoice Date: 6-DEC-90
Invoice No. : I-9027561
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Project : MIDWAY
Comments: ATTN: CHRIS HERALD CC: J. SHANNON CC: R. MILLER

CERTIFICATE OF ANALYSIS A9027561

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
90CM853R	205	294	10	< 0.2	1.03	< 5	10	< 0.5	< 2	0.87	< 0.5	< 1	14	6	2.71	< 10	< 1	0.04	< 10	0.53	440
90CM854R	205	294	5	< 0.2	1.79	< 5	60	< 0.5	< 2	7.43	< 0.5	7	34	22	3.32	< 10	< 1	0.21	< 10	1.04	880
90CM855R	205	294	25	< 0.2	2.70	15	40	< 0.5	< 2	2.84	< 0.5	18	36	51	6.36	10	1	0.22	10	1.96	650
90CM856R	205	294	15	< 0.2	1.79	10	90	< 0.5	< 2	2.37	< 0.5	11	51	43	3.31	< 10	< 1	0.22	< 10	1.09	690
90CM857R	205	294	< 5	< 0.2	1.92	< 5	110	< 0.5	< 2	1.04	< 0.5	16	25	47	4.58	< 10	2	0.74	30	1.51	710
90CM858R	205	294	15	< 0.2	3.66	5	370	< 0.5	< 2	1.45	0.5	39	127	79	6.07	10	< 1	0.96	20	2.70	415
90CM860AR*	205	294	< 5	< 0.2	1.37	15	550	< 0.5	< 2	6.81	< 0.5	22	60	46	3.04	< 10	< 1	0.20	< 10	1.24	305
90CM860BR	205	294	40	< 0.2	0.17	45	10	< 0.5	< 2	1.02	< 0.5	62	350	4	4.63	< 10	< 1	< 0.01	< 10	>15.00	600
90CM861R	205	294	< 5	< 0.2	4.22	< 5	< 10	< 0.5	< 2	6.55	< 0.5	30	140	1	4.54	< 10	< 1	< 0.01	< 10	4.90	880
90CM862R	205	294	< 5	< 0.2	1.01	5	20	0.5	< 2	1.88	3.0	15	14	232	2.36	< 10	< 1	0.03	< 10	0.36	235
90CM863R	205	294	< 5	< 0.2	1.68	< 5	190	< 0.5	< 2	0.77	0.5	8	19	12	2.01	< 10	< 1	0.50	< 10	0.91	510
90CM864R	205	294	< 5	< 0.2	0.20	50	< 10	< 0.5	< 2	0.14	< 0.5	69	1815	2	5.04	< 10	< 1	< 0.01	< 10	>15.00	550
90CM865R	205	294	< 5	< 0.2	1.97	< 5	20	< 0.5	< 2	0.42	< 0.5	10	35	20	3.04	< 10	< 1	0.04	< 10	2.05	655
90CM866R	205	294	< 5	< 0.2	1.43	10	20	< 0.5	< 2	0.49	< 0.5	8	13	23	2.86	< 10	< 1	0.06	< 10	1.08	595
90CM867R	205	294	< 5	< 0.2	3.64	< 5	< 10	< 0.5	< 2	1.70	0.5	18	12	203	5.32	< 10	< 1	< 0.01	< 10	3.37	560
90CM868R	205	294	< 5	< 0.2	0.23	10	30	< 0.5	< 2	0.70	< 0.5	1	7	10	0.37	< 10	< 1	0.10	< 10	0.05	675
90CM869R	205	294	< 5	< 0.2	3.05	< 5	500	< 0.5	< 2	2.69	< 0.5	28	166	44	7.04	< 10	< 1	0.28	< 10	2.67	950
90CM870R	205	294	< 5	< 0.2	4.56	10	20	< 0.5	< 2	2.59	< 0.5	37	324	98	6.95	10	< 1	0.02	< 10	4.01	1050
90CM871R	205	294	< 5	< 0.2	1.74	10	70	< 0.5	< 2	1.15	< 0.5	10	31	13	3.06	< 10	< 1	0.29	20	0.73	765
90CM872R	205	294	< 5	< 0.2	5.31	25	40	< 0.5	< 2	4.79	< 0.5	44	350	16	8.22	10	< 1	0.05	< 10	5.18	2230
90CM873R	205	294	< 5	< 0.2	0.10	< 5	10	< 0.5	< 2	>15.00	< 0.5	< 1	12	1	0.28	< 10	< 1	< 0.01	< 10	8.98	115
90CM874R	205	294	< 5	< 0.2	2.22	5	30	< 0.5	< 2	1.67	< 0.5	22	82	75	3.78	< 10	< 1	0.29	< 10	2.08	520
90CM875R	205	294	< 5	< 0.2	0.56	5	30	< 0.5	< 2	0.19	< 0.5	3	24	14	1.81	< 10	< 1	0.08	< 10	0.34	270
90CM876R	205	294	< 5	< 0.2	2.12	5	220	< 0.5	< 2	1.43	< 0.5	14	168	31	3.97	< 10	< 1	0.74	40	1.68	585
90CM877R	205	294	85	< 0.2	0.38	70	30	< 0.5	< 2	2.21	0.5	6	16	46	3.81	< 10	< 1	0.08	10	0.50	1170
90CM878R	205	294	80	< 0.2	0.27	50	60	< 0.5	< 2	0.62	3.0	< 1	14	17	2.31	< 10	< 1	0.12	40	0.09	455
90CM879R	205	294	10	< 0.2	0.43	120	70	< 0.5	< 2	10.10	< 0.5	28	66	23	5.45	< 10	< 1	0.30	< 10	4.11	2730
90CM880R	205	294	< 5	< 0.2	3.36	5	130	0.5	< 2	3.19	< 0.5	40	65	111	8.52	< 10	< 1	0.03	< 10	2.41	1620
90CM881R	205	294	25	< 0.2	1.96	< 5	80	< 0.5	< 2	2.30	< 0.5	9	19	44	5.81	< 10	< 1	0.21	< 10	2.41	655
90CM882R	205	294	< 5	< 0.2	1.22	5	310	0.5	< 2	2.37	< 0.5	5	30	45	2.54	< 10	< 1	0.17	< 10	0.67	595
90CM883R	205	294	< 5	< 0.2	0.74	< 5	130	< 0.5	< 2	1.18	< 0.5	3	37	37	1.88	< 10	< 1	0.16	< 10	0.47	330

* 90cm 860 AR = 90cm 859R

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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British Columbia. Canada V7J 2C1
PHONE: 604-984-0221

CROWN RESOURCE CORPORATION
820 16TH ST., STE. 415
DENVER, COLORADO
80202

Page N ... r : 1-B
Total Pa... : 1
Invoice Date: 6-DEC-90
Invoice No. : I-9027561
P.O. Number :

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

CERTIFICATE OF ANALYSIS A9027561

KET 10

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
90CM853R	205	294	< 1	0.10	14	90	< 2	< 5	9	22	0.01	< 10	< 10	6	< 10	80
90CM854R	205	294	< 1	0.05	16	680	2	5	5	448	0.02	< 10	< 10	87	< 10	58
90CM855R	205	294	< 1	0.07	23	1010	4	5	15	138	0.03	< 10	< 10	150	< 10	74
90CM856R	205	294	< 1	0.06	20	840	8	< 5	9	140	0.18	< 10	< 10	107	< 10	64
90CM857R	205	294	< 1	0.05	14	1120	< 2	5	10	40	0.21	< 10	< 10	118	< 10	70
90CM858R	205	294	< 1	0.22	55	2020	< 2	5	20	183	0.33	< 10	< 10	234	< 10	96
90CM860AR*	205	294	< 1	0.11	33	880	< 2	< 5	8	177	0.28	< 10	< 10	93	< 10	42
90CM860BR	205	294	< 1	< 0.01	1555	< 10	8	< 5	4	21	< 0.01	< 10	< 10	7	< 10	26
90CM861R	205	294	< 1	0.05	82	120	< 2	5	42	59	0.14	< 10	< 10	172	< 10	52
90CM862R	205	294	< 1	0.05	11	320	4	5	8	44	0.32	< 10	< 10	76	< 10	22
90CM863R	205	294	< 1	0.06	9	490	< 2	< 5	2	63	0.13	< 10	< 10	34	< 10	40
90CM864R	205	294	< 1	< 0.01	1590	< 10	< 2	< 5	6	6	< 0.01	10	< 10	21	< 10	18
90CM865R	205	294	< 1	0.06	28	670	6	< 5	6	30	0.12	< 10	< 10	73	< 10	54
90CM866R	205	294	< 1	0.06	7	710	< 2	< 5	5	31	0.09	< 10	< 10	53	< 10	38
90CM867R	205	294	< 1	0.02	10	790	< 2	< 5	2	57	0.27	< 10	< 10	76	< 10	38
90CM868R	205	294	< 1	0.03	4	60	2	< 5	< 1	24	< 0.01	< 10	< 10	2	< 10	2
90CM869R	205	294	< 1	0.06	61	780	< 2	< 5	24	110	0.76	< 10	< 10	301	< 10	86
90CM870R	205	294	< 1	0.03	58	340	< 2	< 5	36	112	0.02	< 10	< 10	200	< 10	88
90CM871R	205	294	1	0.02	22	220	2	< 5	2	83	< 0.01	< 10	< 10	15	< 10	58
90CM872R	205	294	< 1	< 0.01	185	1410	8	5	12	250	0.01	< 10	< 10	129	< 10	110
90CM873R	205	294	< 1	< 0.01	5	430	16	5	< 1	248	< 0.01	< 10	< 10	1	< 10	6
90CM874R	205	294	< 1	0.06	38	290	< 2	< 5	5	23	0.17	< 10	< 10	93	< 10	44
90CM875R	205	294	< 1	0.01	19	70	2	< 5	2	5	< 0.01	< 10	< 10	21	< 10	20
90CM876R	205	294	< 1	0.10	124	1460	< 2	< 5	7	63	0.31	< 10	< 10	47	< 10	56
90CM877R	205	294	< 1	0.07	17	370	20	< 5	2	138	< 0.01	< 10	< 10	5	< 10	92
90CM878R	205	294	3	0.08	7	490	38	< 5	1	36	< 0.01	< 10	< 10	1	< 10	256
90CM879R	205	294	< 1	0.01	70	500	30	5	12	832	< 0.01	< 10	< 10	20	< 10	82
90CM880R	205	294	< 1	0.08	51	390	< 2	< 5	33	271	0.29	< 10	< 10	282	< 10	96
90CM881R	205	294	< 1	0.09	17	130	< 2	< 5	38	143	0.06	< 10	< 10	244	< 10	30
90CM882R	205	294	11	0.04	22	1210	< 2	< 5	5	129	0.02	< 10	< 10	79	< 10	52
90CM883R	205	294	12	0.01	31	1130	< 2	< 5	2	51	< 0.01	< 10	< 10	52	< 10	28

90cm 860 AR = 90cm 859R

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

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

To: CROWN RESOURCE CORPORATION

820 16TH ST., STE. 415
DENVER, COLORADO
80202

Invoice Date: 5-DEC-90
Invoice No. : I-9027302
P.O. Number :

Project :
Comments: ATTN: CHRIS HERALD CC: J. SHANNON QC: R. MILLER

CERTIFICATE OF ANALYSIS A9027302

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
90CM844R	205	294	< 5	< 0.2	0.31	< 5	110	< 0.5	< 2	0.02	< 0.5	1	134	13	0.93	< 10	< 1	0.12	< 10	0.14	125
90CM845R	205	294	< 5	< 0.2	0.54	< 5	20	< 0.5	< 2	0.08	< 0.5	5	152	36	1.09	< 10	< 1	0.05	< 10	0.39	150
90CM846R	205	294	< 5	< 0.2	2.29	< 5	280	< 0.5	< 2	0.11	< 0.5	17	121	32	3.98	< 10	< 1	1.27	10	1.07	1025
90CM847R	205	294	< 5	< 0.2	1.85	5	80	< 0.5	< 2	0.83	< 0.5	11	169	21	2.74	< 10	< 1	0.73	10	1.00	680
90CM848R	205	294	< 5	< 0.2	1.28	< 5	100	< 0.5	< 2	1.07	< 0.5	7	179	47	1.95	< 10	< 1	0.53	10	0.69	610
90CM849R	205	294	< 5	< 0.2	2.07	< 5	10	< 0.5	< 2	0.74	< 0.5	21	193	53	3.73	< 10	< 1	0.04	< 10	1.63	410
90CM850R	205	294	5	< 0.2	2.41	5	110	< 0.5	< 2	1.14	< 0.5	21	180	124	3.75	< 10	< 1	0.38	< 10	1.38	570
90CM851R	205	294	< 5	< 0.2	0.66	< 5	50	< 0.5	< 2	0.05	< 0.5	2	188	26	2.55	< 10	< 1	0.26	10	0.25	265
90CM852R	205	294	< 5	< 0.2	3.90	< 5	20	< 0.5	< 2	1.36	< 0.5	36	542	< 1	5.58	< 10	< 1	< 0.01	< 10	3.85	545

KET 10

CERTIFICATION: B. Campbell

Chemex Labs Ltd.

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PHONE: 604-984-0221

To: CROWN RESOURCE CORPORATION

820 16TH ST., STE. 415
DENVER, COLORADO
80202

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

Invoice Date: 5-DEC-90
Invoice No. : I-9027302
P.O. Number :

CERTIFICATE OF ANALYSIS A9027302

KET 10

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
90CM844R	205	294	3	0.02	3	240	12	< 5	2	3	0.03	< 10	< 10	37	< 10	12
90CM845R	205	294	1	0.01	10	370	10	< 5	2	3	0.02	< 10	< 10	48	< 10	10
90CM846R	205	294	< 1	0.02	41	310	20	< 5	6	6	0.25	< 10	< 10	55	< 10	74
90CM847R	205	294	< 1	0.04	26	290	14	5	8	26	0.23	< 10	< 10	75	< 10	56
90CM848R	205	294	< 1	0.04	17	280	4	< 5	4	29	0.15	< 10	< 10	46	< 10	38
90CM849R	205	294	< 1	0.11	57	420	6	5	6	11	0.16	< 10	< 10	118	< 10	54
90CM850R	205	294	< 1	0.14	36	660	10	10	6	31	0.21	< 10	< 10	103	< 10	58
90CM851R	205	294	< 1	0.02	4	580	10	5	2	14	0.08	< 10	< 10	105	< 10	18
90CM852R	205	294	< 1	0.08	272	1330	< 2	25	4	16	0.32	< 10	< 10	113	< 10	96

CERTIFICATION: B. Caughlin

APPENDIX E

ROCK SAMPLE DESCRIPTIONS

Sampler R.E.M.
Date Sept. 91
Property Midway, Ket 10 group
NIS

SAMPLE NO.	Sample Width	DESCRIPTION: Rock Type	Alteration	Mineralization	ADDITIONAL OBSERVATIONS	ASSAYS: ppb Au				
90cm129R	C	grn stone		tr py, ε po	Sheared	<5				
90cm130R	C	grn stone		tr py, ε po		<5				
90cm544R	C	Congl	Argillic	tr py	Minor gossan w/min tr fracs(?)	525				
90cm545R	C	Congl	Argillic	tr py	SAA w/ flat shearing	460				
90cm546R	C	qtz VN ↑↓		Mod. py	X-Cutting qtz vein	50				
90cm547R	C	qtz vein		tr py	90cm546R host	<5				
90cm548R	C	diorite	propylitic	tr+ py		5				
90cm549R	C	Limy tuff?	propylitic	tr+ py, tr chalco		10				
90cm550R	C	diorite	propylitic	tr py, tr mag.		10				
90cm551R	C	diorite	Propylitic	tr py, tr mag	abundant Epidote	15				
90cm552R	C	Andesite	propylitic	tr py · tr chalco?	minor hx.	75				
90cm553R	C	lam tuff		tr py, po, & chalco.		230				
90cm554R	C	Andesite		tr++ py, po, & chalco	X-cutting Calcite veinlets	200				
90cm555R	C	Granodiorite		Feox.	highly fract., minor ox on fract. surfaces	10				

C-CHIP G-GRAB F-FLOAT

ROCK SAMPLE SHEET

Sampler R.E.M.

Date Sept. 91 Property Midway Ket 10 group NTS

SAMPLE NO.	Sample Width	DESCRIPTION: Rock Type	Alteration	Mineralization	ADDITIONAL OBSERVATIONS	ASSAYS: PPb Au
90CM556R	C	Argillite	MgFeCO3	tr+ embedded py.	qtz veinlets, minor bx.	8800
90CM557R	C	qtz bx		Feox		40
90CM558R	C	qtz vn		tr py.		10
90CM559R	C	qtzite		tr py		40
90CM560R	C	Limy Argillite	wkly Skarned	tr+ py	tremolite?	35
90CM535R	C	Sandstone		Feox	interbedded w/ conglomerate.	25
90CM571R	C	Granodiorite	propylitic	Feox.		25
90CM572R	C	Granodiorite	propylitic	Feox	Sheared	15

C-CHIP G-GRAB F-FLOAT

APPENDIX F

SAMPLING AND ANALYSIS 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 otherwise stated. The samples were collected in kraft gusseted paper bags and sent to Chemex Labs 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 chipped from bedrock, except in cases where the sample is identified as a float sample. In all cases, the rocks sampled were done as 'grab' samples. 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.

ANALYSIS

The following pages from Chemex Labs Ltd., describe the procedures performed by the lab to analyze the rock samples.

Chemex Labs Ltd.

Analytical Chemists *Geochemists* *Registered Assayers*

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Fax: (604) 984-0218

32-Element Geochemistry Package (32-ICP)

Inductively-Coupled Plasma-Atomic Emission Spectroscopy (ICP-AES)

A prepared sample (0.5g) is digested with concentrated nitric and aqua regia acids at medium heat for two hours. The acid solution is diluted to 25ml with demineralized water, mixed and analyzed using a Jarrell Ash 1100 plasma spectrometer after calibration with proper standards. The analytical results are corrected for spectral inter-element interferences.

Chemex Codes	Element	Detection Limit	Upper Limit
921	* Aluminum	0.01 %	15 %
922	Silver	0.2 ppm	0.02 %
923	Arsenic	5 ppm	1 %
924	* Barium	10 ppm	1 %
925	* Beryllium	0.5 ppm	0.01 %
926	Bismuth	2 ppm	1 %
927	* Calcium	0.01 %	15 %
928	Cadmium	0.5 ppm	0.01 %
929	Cobalt	1 ppm	1 %
930	* Chromium	1 ppm	1 %
931	Copper	1 ppm	1 %
932	Iron	0.01 %	15 %
933	* Gallium	10 ppm	1 %
934	* Potassium	0.01 %	10 %
935	* Lanthanum	10 ppm	1 %
936	* Magnesium	0.01 %	15 %
937	Manganese	5 ppm	1 %
938	Molybdenum	1 ppm	1 %
939	* Sodium	0.01 %	5 %
940	Nickel	1 ppm	1 %
941	Phosphorus	10 ppm	1 %
942	Lead	2 ppm	1 %
943	Antimony	5 ppm	1 %
944	* Strontium	1 ppm	1 %
945	* Titanium	0.01 %	5 %
946	* Thallium	10 ppm	1 %
947	Uranium	10 ppm	1 %
948	Vanadium	1 ppm	1 %
949	* Tungsten	10 ppm	1 %
950	Zinc	2 ppm	1 %
951	Mercury	1 ppm	1 %
958	Scandium	1 ppm	1 %

* Elements for which the digestion is possibly incomplete.

Chemex Labs Ltd.

Analytical Chemists *Geochemists* *Registered Assayers*

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Fax: (604) 984-0218

Au Fire Assay - AA finish (oz/T) : Chemex Code 998

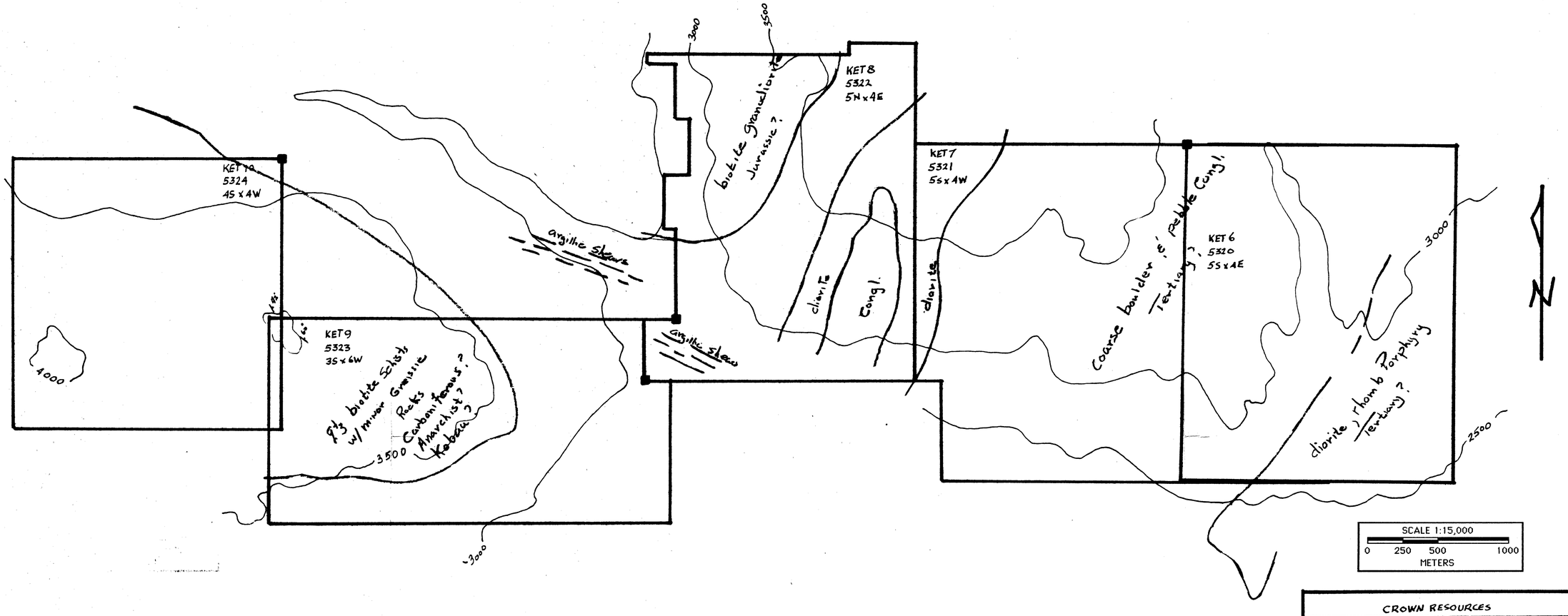
Gold analysis is carried out by standard fire assay techniques. In the sample preparation stage the screens are checked for metallics which, if present, are assayed separately and calculated into the results obtained from the pulp assay.

A 1.0 assay ton sample is fused with a neutral flux inquarted with 2 mg of Au-free silver and then cupelled.

Silver beads for AA finish are digested for 1/2 hour in 1 ml HNO3, then 3 ml HCl is added and digested for 1 hour. The samples are cooled and made to a volume of 10 ml, homogenized and run on the AAS with background correction.

Detection Limit - 0.001 oz/T

Upper Limit - 20 oz/T



SCALE 1:15,000
0 250 500 1000
METERS

CROWN RESOURCES

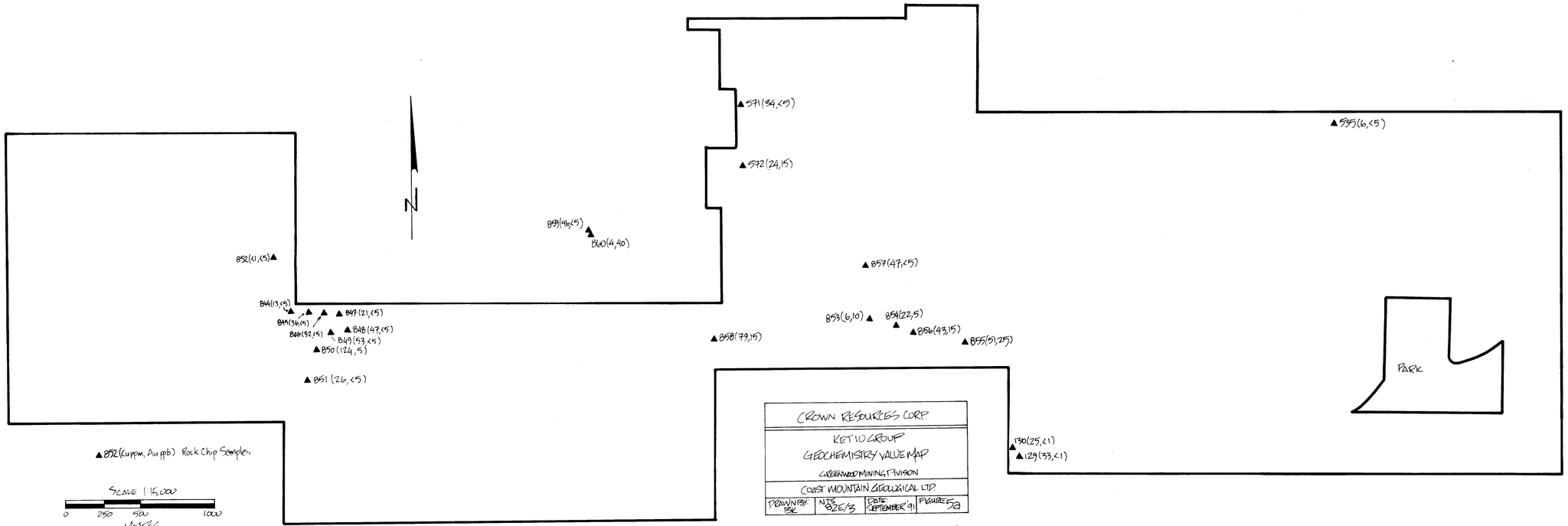
KET 10 GROUP
GENERAL GEOLOGY MAP
FIGURE 4

SOURCE : 1990 FIELD NOTES

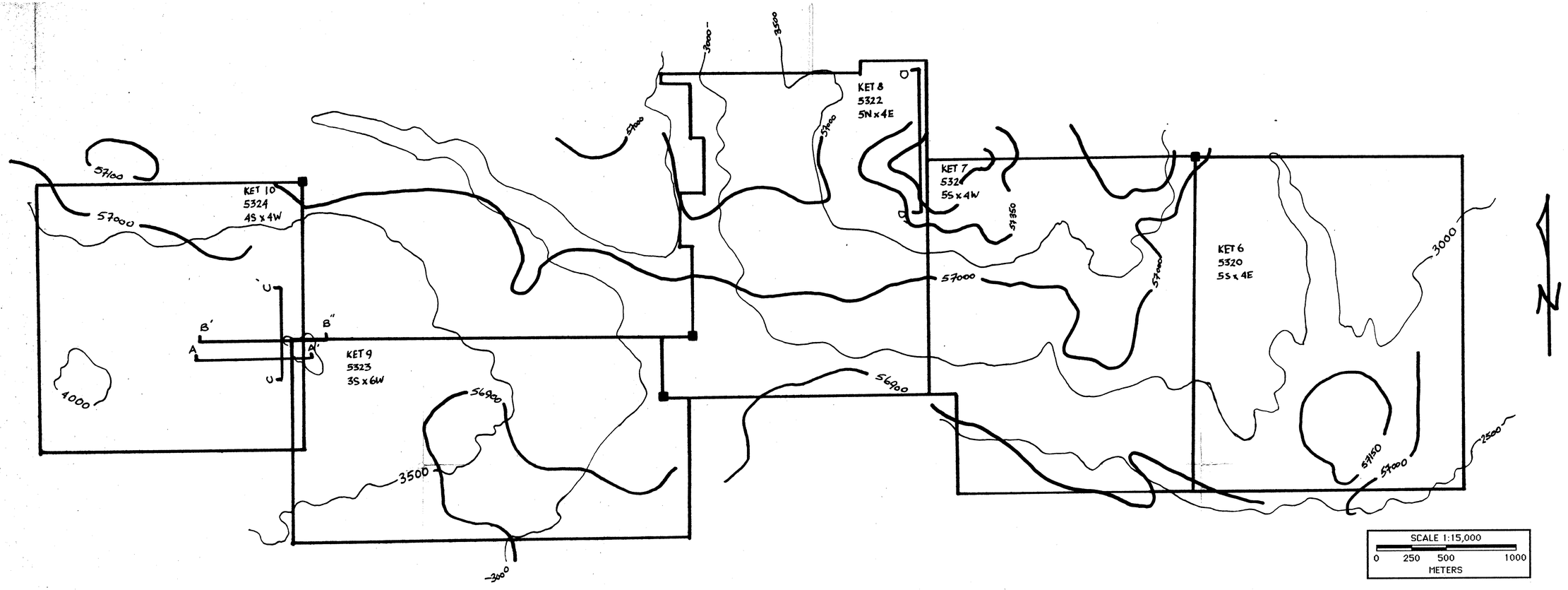
NTS No.	82E/3	REM
SCALE	1:15000	JAN. 1991

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,004


N
▲571 (34,<5)
▲572 (24,15)
▲595 (6,<5)
859(46,<5)
860(4,40)
▲857 (47,<5)
852(41,<5)▲
B44(13,<5)
B47 (21,<5)
B45(36,<5)
B48 (47,<5)
B46(32,<5)
B49(53,<5)
▲850 (124,<5)
▲851 (26,<5)
853(6,10) ▲
859(22,5)
▲856(43,15)
▲858(79,15)
▲855(51,25)
PARK
130(25,<1)
129(33,<1)
▲852 (cuppm, Auppb) Rock Chip Samples
SCALE 1:15,000
0 250 500 1000
METRES
CROWN RESOURCES CORP.
KETIO GROUP
GEOCHEMISTRY VALUE MAP
GREENWOOD MINING DIVISION
COAST MOUNTAIN GEOLOGICAL LTD.
DRAWN BY: BK
NTS 82E/3
DATE: SEPTEMBER '91
FIGURE 5a

AR 21004



SCALE 1:15,000

0 250 500 1000

METERS

LEGEND

CONTOURS

Topography ——— 250 ——— Feet

Air Mag ——— 57000 ——— Gamma

GROUND MAG LOCATION A ——— A'

CROWN RESOURCES

KET 10 GROUP

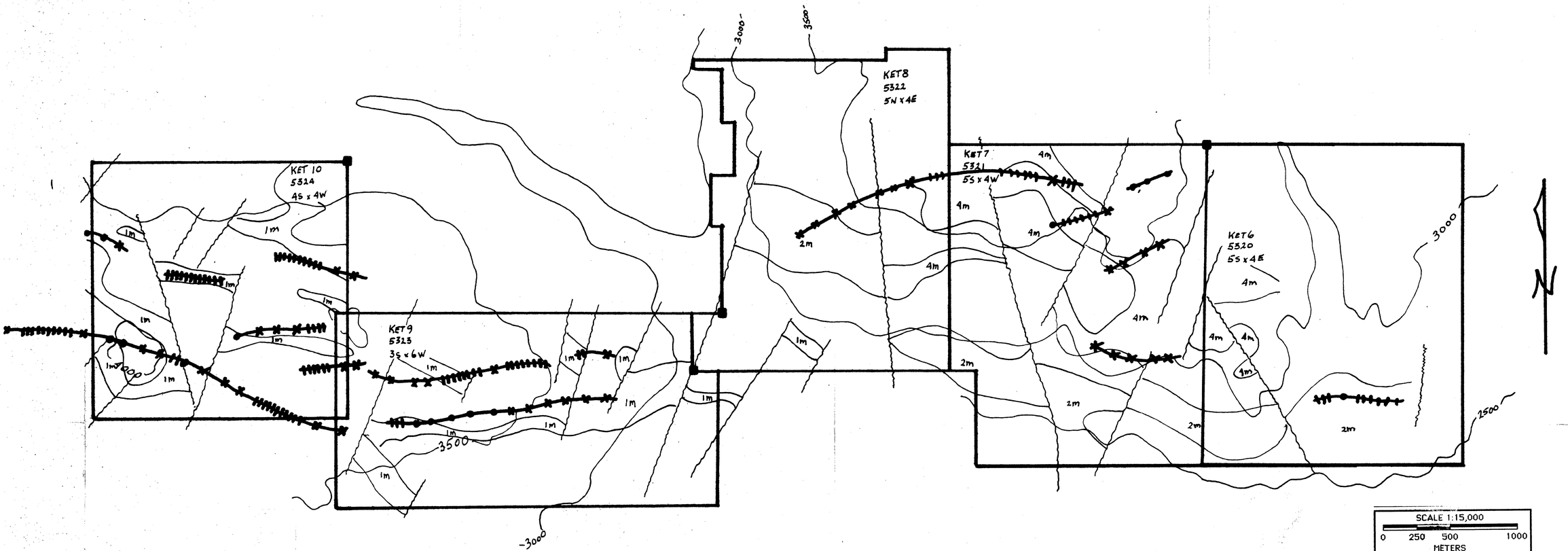
FIXED LINE GROUND MAGNETICS LOCATION

FIGURE 6

NTS NO.	82E/3	REM
SCALE	1:15,000	JAN. 1991

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,004



SCALE 1:15,000
0 250 500 1000
METERS

LITHOLOGY

EOCENE

- 4m — MAGNETIC UNIT
- 4 — YELLOW and KITSEY LAKES FORMATION

CRETACEOUS & JURASSIC

- 3m — MAGNETIC UNIT
- 3 — OKANOGAN BATHOLITH GRANODIORITE - GRANITE

MIDDLE JURASSIC

- 2m — MAGNETIC UNIT
- 2 — NELSON PLUTONIC ROCKS GRANODIORITE

CARBONIFEROUS - ANARCHIST GROUP

- 1m — MAGNETIC UNIT
- 1 — AMPHIBOLITE, GREENSTONE, SCHIST
- IF — IRON FORMATION

LEGEND

- CLAIM BOUNDARY
- INTERPRETATION
  - CONTACT
  - FAULT
- VLF-EM CONDUCTOR AXES
  - NORMAL QUADRATURE
  - REVERSE QUADRATURE
  - TOTAL FEILD

CROWN RESOURCES

KET 10 GROUP

INTERPRETATION - TERRAQUEST

1989

AIRBORNE MAGNETICS & VLF-EM

FIGURE 11

NTS No.	82E/3	Rem
SCALE	1:15,000	JAN 1991

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,004