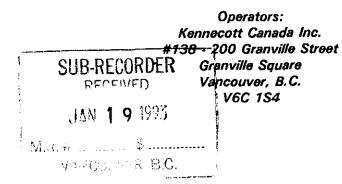
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# REPORT ON GEOLOGY AND GEOCHEMISTRY of the BOW CLAIMS

Latitude: 57°21'N Longitude: 126°09'W NTS: 94 E/8E Mining Division: Omineca

> Owners: Major General Resources Ltd. 1000 - 900 West Hastings St. Vancouver, B.C. V6C 1E5



Prepared by: K.M. Curtis

November, 1992

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### REPORT ON GEOLOGY AND GEOCHEMISTRY of the BOW CLAIMS

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#### REPORT ON GEOLOGY AND GEOCHEMISTRY of the BOW CLAIMS

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#### 1.0 INTRODUCTION

This report presents geological and geochemical data collected on the Bow and Bow 1-5 claims, located in the Omineca Mining Division, during the period of July 29 and July 30, 1992.

Working from the Finbow logging camp located some 45 km to the southwest of the property. The 1992 program focused on reconnaissance mapping and geochemistry in and around areas of known mineralization. These areas were restricted to locations accessible given the limited time and expense of accessing the property. The goal of the 1992 program was to identify and sample stratigraphy prospective for stratiform lead-zinc mineralization.

During the course of mapping a total of 6 rock chip samples were collected in conjunction with 30 contour soil samples - collected on 50m or 100m intervals.

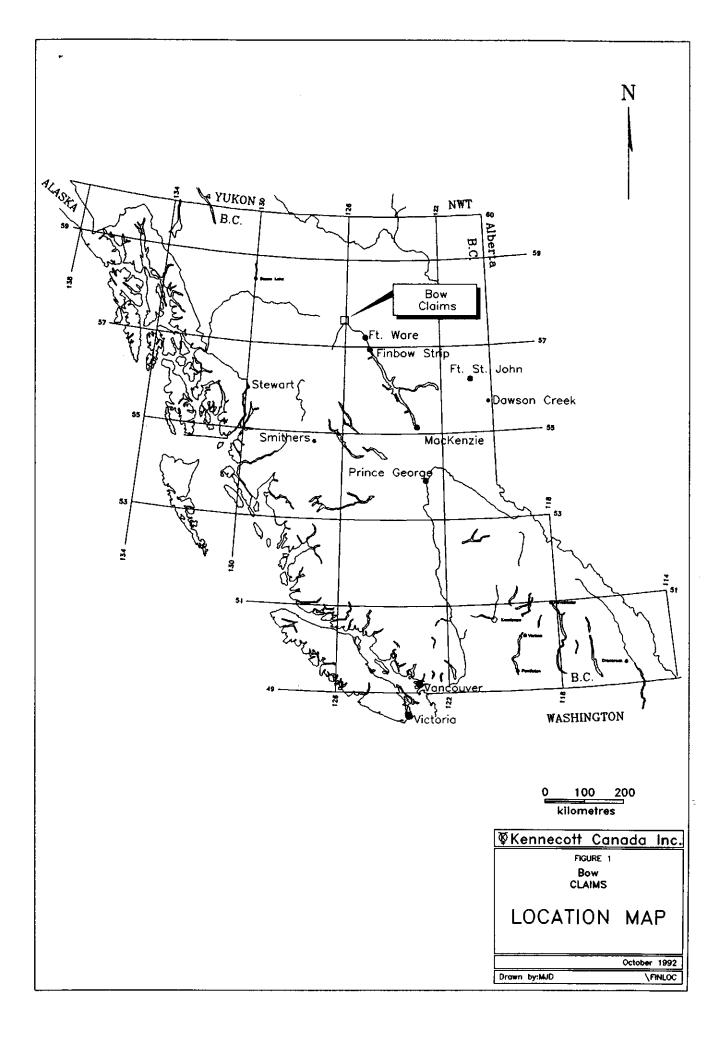
Mapping, geochemical sampling and project supervision were carried out by Kennecott personnel (K.Curtis, H.Smit) and included consulting geologist D.L. Craig and his assistant. Helicopter transportation and logistical support was provided by Pacific Western Helicopters located at from temporary base at the Finbow Airstrip.

#### 2.0 LOCATION, ACCESS AND PHYSIOGRAPHY (Figures 1 and 2)

The Bow claims are located some 350 km northwest of the community of Mackenzie B.C. within the relatively remote Omineca Mountain ranges-west of the Rocky Mountain Trench. Four wheel drive access to the region was provided via the Omineca Mining Road and Finlay Forest Service access roads to the Finbow Logging camp where helicopter transportation to the claims was provided. The total one way flight to the property approximated 45 kms.

The claims are situated on the western slopes of the Finlay Ranges located on NTS series map 94E 8. To the immediate west of the claims lies the Pelly creek valley which is a large regional topographic feature of some 100 km in extent. To the immediate south of the claims lies the Bower creek valley which is an eastward draining tributary of the Finlay River. Topographic elevations range from 1,000m in the valley bottom to a high point of 1,600m at ridge tops.

The claims are located on a relatively dry, south facing slope and covers all vegetation zones from the open pine forest in the lower valley to the alpine scrub on the ridge tops. Approximately twenty percent of the claim is situated above the treeline of 1400 m. Rock exposure below treeline is limited to approximately 10% of the surface.



#### 3.0 CLAIM DATA

The Bow claims comprise one, 15 unit, modified grid mineral claim and 5 two post mineral claims for an overall property size of 20 units (Figure 2). The claims fall under the jurisdiction of the Omineca Mining Division.

The following is a table of pertinent data regarding the claim.

<u>Claim</u>	Record No.	<u>Units</u>	Expiry
Bow	307802	15	March 6,1994
Bow -1	307803	1	March 6,1995
Bow -2	307804	1	March 6,1995
Bow -3	307805	1	March 6,1995
Bow -4	307806	1	March 6,1995
Bow -5	307807	1	March 6,1995

Major General Resources of Vancouver B.C. are the registered owners of the claims.

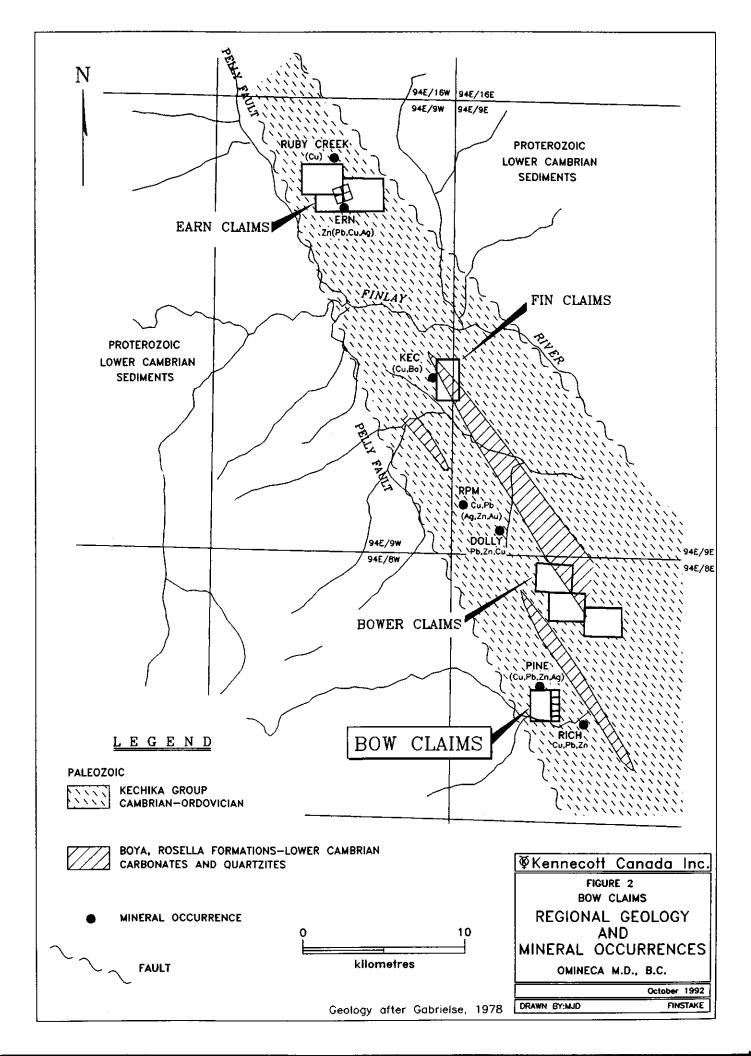
#### 4.0 **PROPERTY HISTORY**

The Finlay River District has been sporadically prospected over the past seventy years. While many mineral occurrences have been documented none have ever reached an advanced or production stage. In general the area has been by-passed by travellers both to and from the Toodogone gold and Gataga Pb-Zn camps. Several companies (UMEX and Serem) are known to have initiated regional reconnaissance programs in the area during the 1970's and early 1980's, however, this data is not publicly available.

An early phase of trenching appears to have taken place on the property, although no records are known of this activity. It is estimated from the amount of overgrowth in the trenches that the property was worked sometime between the 1940's and 1950's.

The first recorded activity in the area of the Bow claims was a program of soil sampling and rock geochemistry over the present claims submitted for assessment by Serem Ltd. in 1980. This program outlined a significant coincident Pb-Zn-Cu soil anomaly over a one kilometre strike. (Wilkinson, 1981). No further work is recorded after this date.

The Bow claims were staked in March 1992 by Major General Resources Ltd. of Vancouver B.C. under agreement with Kennecott Canada Inc.



#### 5.0 **<u>REGIONAL GEOLOGY</u>** (Figure 2)

The Bow claims are situated within the Omineca morphogeological belt of the Cordilleran orogen.

The geology to the northwest of the northern Rocky Mountain Trench, in the region of the claims, is assigned to the Cassiar Terrane, part of the displaced and metamorphosed continental margin from ancestral North America, which spans the Proterozoic to Paleozoic time.

Regional strata proximal to the Bow claims has further been divided into Ingenika Group; which spans the upper Proterozoic or Hadrynian period; and the overlying Boy Formation, Rosella Formation and Kechika group which includes all Paleozoic strata in the region. All divisions are dominated by sedimentary derived sequences.

The Proterozoic Ingenika Group includes four distinct formations. In ascending order these are; Swannell, Tsaydiz, Espee and Stelkuz Formations (Gabrielse and Mansy, 1978). The lower three formations comprise a greater than 2,100m thick sequence of argillite and quartzite, grey phyllites, and grey limestone, respectively. The uppermost Stelkuz Formation comprises a 300-1,500m thick series of varicoloured lithologies which include distinctive green and maroon pelites, siltstone, limestone and sandstones. This succession reflects the shallowing conditions of sedimentation perhaps along a prograding continental margin during the uppermost Proterozoic time. (Gabrielse and Campbell, 1991).

The lower Cambrian Boya Formation is described as a 300 - 1,000m thick sequence of quartzite and siltstone. At the base of this succession a minor disconformity is tentatively considered as the Precambrian-Cambrian boundary (Fritz, W.H. et al, 1991).

The overlying (Cambrian) Rosella Formation comprises an up to 700m thick succession of limey siltstones and interbedded limestone, and light grey to white limestone with archeocyathids. The contact between the Rosella and overlying Kechika Group is seen as a fault contact (Fritz, W.H. et al, 1991)

The Cambro-Ordovician Kechika Group forms an upwards succession of phyllitic limestone, calcareous shale, limestone, and phyllite within the region (Gabrielse, H., 1976). Total thickness of the unit is unknown due an eroded an upper contact. Sections of the Kechika Group are inferred to be time equivalents to the Ordovician Road River Formation, host to the Howards Pass Pb-Zn deposits.

Regional structure is dominated by a major south plunging anticlinorium with

Cambrian and upper Proterozoic rocks in the core (Gabrielse,H. et al, 1976). Westward verging, refolded, isoclinal folds form a second phase of deformation in the area. Regional faulting is northwest directed, generally parallel to regional topographic lows, and of significant normal and reverse motions.

Metamorphic grade in the area achieves lower greenschist assemblages with one or more associated foliations.

#### 6.0 **PROPERTY GEOLOGY** (Figure 3)

As previously stated mapping and sampling on the Bow claims was limited to several helicopter supported traverses. All reconnaissance mapping was performed at 1:10,000 scale.

The Bow claims are underlain by a near vertically dipping, northwest striking stratigraphic assemblage which includes series tentatively assigned to the Kechika Group. These stratigraphic correlations were established by reconnaissance mapping to in similar strata to the east of the claims.

Stratigraphy on upper portion of the claim group includes, from the east to west, grey limestone and limey sediments, sericite-chlorite schists, limestone with intercalated green to grey calcareous sediments. All units display a strong penetrative foliations which are locally random in orientations.

On the main northwest trending ridge, above 1,200m, exposures encountered include thin bedded calcareous siltstones and sandstones with thicker interbeds of massive limestone. Within the valley to the northeast of this ridge occur buff to green coloured sericite/chlorite schists. To the northeast, up the east branch of the creek, a 6m wide exposure of massive limestone is followed by grey impure limestone with impure limy sediments. Down the same creek, below the 1,150 m junction of the two tributaries, exposures generally consist of interbedded limestone with schists and phyllite.

The sericite and chlorite schists present on the claim are likely related to a regional metamorphic event. There does not appear to be any zonation or alteration source within this unit.

#### 6.1 <u>Mineralization</u>

Prior to the 1992 several mineral occurrences were reported on the Bow claims (Figure 2). Named the Pine occurrence (Northern Minfile) the commodities present are listed as copper,lead, zinc and silver hosted in a vein environment.

During 1992 several extensive quartz veins were observed in the creek valley on the claims at approximately the 1,000m elevation. Smaller veins and float were apparent throughout the property. Locally these veins produce a quartz-carbonate altered wallrock which contains spotty chalcopyrite and traces of galena and sphalerite. Minor zones rich in pyrite and limonite were also noted in massive limestone units just above the east junction of the creek. No economic significance is attached to these zones.

Several trenches were located on the lower portions of the claims during the 1992 program. One trench contained minor amounts of chalcopyrite in a bull quartz vein hosted within sericite schists.

#### 7.0 <u>GEOCHEMISTRY</u>

Geochemistry was an in integral part of the 1992 reconnaissance program. Once stratigraphic correlations were established rock chip and contour soil sampling were selected to outline prospective stratigraphy and its strike extensions. Soil geochemistry was used to outline potentially anomalous zones, or lack of, in areas with overburden cover on the lower portion of the claim. Trace element geochemistry was used to characterize prospective mineralization.

Both soil and rock samples were analyzed for base metals and silver using a 12 element ICP analytical package designed specifically for the program. Sample analysis was provided by Eco-Tech Laboratories of Kamloops, B.C. and the analytical certificates and procedures for this work are provided in Appendix 2.

#### 7.1 Soil Geochemistry (Figure 3)

Contour soil geochemistry was selected as a prospecting tool within lower topographic areas of the property where outcrop was scarce.

A total of 30 soil samples were collected during the program. Samples were taken from the B-horizon or talus fines at 50 m intervals on contour lines established with an altimeter. Sample areas were selected to confirm previous geochemical sampling by Serem Ltd. in 1980.

#### 7.1.1 Discussion

Contour soil sampling returned values for several samples enriched in lead and zinc. Samples 2052-2054 all returned lead values greater than

50 ppm with associated Zn values of greater than 70 ppm. Samples 2111-2113 also had comparatively enriched lead and zinc values ( > than 40 ppm in both elements). Copper content in soils were generally below anomalous levels. Other selected pathfinder elements also returned values at or near expected background levels.

Geochemical anomalies outlined by Serem Ltd. during 1980 are attributed to quartz vein related copper-lead-zinc mineralization. Soil sampling during the 1992 program appears to confirm this relationship.

#### 7.2 Rock Geochemistry (Figure 3)

A total of 6 grab rock samples were collected from the Bow claims.

Sample locations and associated lithologies with analytical results are provided in Figure 3. All rock samples were sent to Eco-Tech Labs of Kamloops, B.C. for 12 element ICP analysis. A summary of analytical techniques and complete analytical results are provided in Appendices.

#### 7.2.1 Discussion

All samples were of quartz vein related copper-zinc-lead mineralization (FHG-001, FHG-004, 005 and 006) or pyritic-limonitic limestone (FHG-002, 003). Samples from the quartz veins yielded anomalous but subeconomic contents of copper. Samples from pyritic limestones were anomalous in arsenic and high in iron, however absent in gold or base metals.

#### 8.0 SUMMARY AND CONCLUSIONS

Results from the 1992 field program at the Bow claims are moderately encouraging. Quartz vein related copper mineralization present on the property is likely related to synmetamorphic dilation. Two small areas were identified as weakly anomalous from soil sampling. Both zones are attributed to underlying sub-economic quartz vein related mineralization.

The presence of extensive sericite altered zones on the property remains unexplained.

No further work by Kennecott Canada on the Bow claims is recommended.

#### REFERENCES

- Best, M.G. (1982). Igneous and Metamorphic Petrology. W. and H. Freeman and Company, San Francisco, U.S.A.
- Evenchick. C.A. (1988). Stratigraphy, Metamorphism, Structure, and their Tectonic Implications in the Sifton and Deserters Ranges, Cassiar and Northern Rocky Mountains, Northern B.C.; Geological Survey of Canada, Bulletin 376.
- Fritz, W.H., Cecile, M.P., Norford, B.S., et al. (1991). Cambrian to Middle Devonian Assemblages; in Geology of the Cordilleran Orogen in Canada, H. Gabrielse and C.J. Yorath (ed.), Geological Survey of Canada, Geology of Canada, No. 4, p. 151-218.
- Gabrielse, H. et al. (1976). Geology of Toodogone River (94E) and Ware West-Half (94F) GSC Open File 483.
- Gabrielse, H. and Mansy, J.L. (1978). Structural Style in Northeast Cry Lake map area, North-Central B.C., Geological Survey of Canada, Paper 78-1A, p. 33-34.
- Gabrielse, H. and Campbell, R.B. (1991). Upper Proterozoic Assemblages, Chapter 6 in Geology of the Cordilleran Orogen in Canada, H. Gabrielse and C.J. Yorath (ed.); Geological Survey of Canada, Geology of Canada, no.4, p.125-150.
- Nadeau, I. (1982). Assessment Report, Rock Geochemical Survey on the Urn B Claim Group, B.C. Assessment Report #10, 930.
- Sevensma, P.H. (1973). Rev and RPM Claims Geochemical Report, B.C. Assessment Report #4571.
- Sevensma, P.H. (1970). Ground Electromagnetic Survey on the Rev and RPM claims, B.C. Assessment Report #2470.
- Turna, R. (1981). Geochemical Exploration Report on the Urn Claim Groups, B.C. Assessment Report #9051.
- Wilkinson, W.J. (1980). Geochemical Report Bassnett,Boffo, Dave's Delight, and Dog Fr. Mineral Claims. Serem Ltd. B.C. Assessment Report # 9093.

#### STATEMENT OF QUALIFICATIONS

#### KERRY M. CURTIS, Geologist

I, KERRY M. CURTIS, of 203 - 1012 Richelieu Avenue, Vancouver, in the Province of British Columbia, DO HEREBY CERTIFY:

- 1. THAT I am a Geologist in the employment of Kennecott Canada Inc., of Suite 138, 200 Granville Street, Vancouver, British Columbia, V6C 1S4.
- 2. THAT I am a graduate of the University of British Columbia with a Bachelor of Science Degree in Geology.
- 3. THAT my primary employment since 1985 has been in the field of mineral exploration.
- 4. THAT my experience has encompassed a wide range of geologic environments and has allowed considerable familiarization with prospecting, geophysical, geochemical and exploration drilling techniques.
- 5. THAT this report is based on field work, conducted by myself, and field data compiled myself, during June and July, 1992.
- 6. THAT I have no interest in the property described herein, nor in securities of any company associated with the property, nor do I expect to receive any such interest.

DATED at Vancouver, B.C., this  $31^{ST}$  day of 2ecemper, 1992.

Kerry M. Curtis, Geologist

**APPENDIX 1 - STATEMENT OF EXPENDITURES** 

### **ITEMIZED COST STATEMENT**

PROJECT:	FINLAY
CLAIM GROUP:	Bow
DATE OF FIELD WORK:	June 29 - 30, 1992

**GEOLOGY:** 

K. Curtis	Project Geologist (1 days @ \$210)	\$ 210
H. Smit	Geologist (2 days @ \$255)	510
D. Craig	Consulting Geologist ( days @ \$285)	
D. Jones	Assistant (2 days @ \$150)	300

GEOCHEMISTRY (Eco-Tech Labs, Kamloops, B.C.):

Rock Samples	(12 Element I.C.P.) 7 s	amples @ \$7	42
Soil Samples	(12 Element I.C.P.) 29	samples @ \$7	210
Silt Samples	(12 Element I.C.P.)	samples @ \$7	

FOOD/LODGING (Finbow Logging Camp):

\_\_\_5\_\_ man days @ \$75

HELICOPTER	(Pacific	Western	Helicopters,	Ft.	St.	James,	B.C.):
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(1.4 hours @ \$710) Ap	licable 626
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MAPS:		150
VEHICLE RENTAL:		150
EQUIPMENT RENTAL: (Camp Gear and Field Gear)		100
DRAFTING:		150
REPORT:	(K. Curtis, 1 days @ \$210)	210

TOTAL APPLICABLE COSTS	\$ 3033
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## APPENDIX 2 - ANALYTICAL RESULTS

2A - Soil Geochemistry

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: 95-	2035		25	40	11	10	4.08	299	 2	15	8		33
96-	2036	<.2	30	30	13	8	4.42	310	1	17	10	<5	32
97-	2037	<.2	15	25	8	5	2.69	128	<1	11	8	<5	27
98-	2038	<.2	20	35	8	19	2.11	153	3	10	4	<5	22
99-	2039	<.2	30	25	15	17	3.58	296	1	27	26	5	32
00-	2040	<.2	30	70	17	12	3.19	569	<1	22	12	5	52
01-	2041	<.2	5	20	10	15	2.14	148	<1	18	<2	<5	39
)2-	2042	<.2	20	25	19	21	3.79	286	<1	31	6	5	65
)3-	2043	<.2	20	50	14	16	2.82	180	<1	26	10	<5	33
)4	2044	<.2	5	20	9	8	1.44	222	<1	14	<2	5	13
05-	2045	<.2	15	35	20	17	2.77	449	<1	29	12	5	36
)6-	2046	<.2	25	35	21	28	3.67	142	1	39	12	10	33
)7-	2047	<.2	25	80	23	27	3.46	964	1	33	42	5	91
-8	2048	<.2	20	50	18	18	3.52	620	<1	24	12	5	63
)9-	2049	<.2	20	25	15	16	3.66	314	<1	26	26	5	68
LO-	2050	.2	25	115	16	9	3.78	2634	1	16	58	5	161
1-	2051	<.2	25	50	16	11	4.09	594	<1	20	32	5	109
2-	2052	.2	15	75	17	14	3.49	1404	<1	15	114	5	107
13-	2053	<.2	25	35	13	23	3.07	265	<1	19	66	5	81
4-	2054	<.2	25	40	16	24	3.64	610	<1	20	74	5	73
15-	2055	<.2	20	30	12	8	3.64	147	<1	13	38	<5	59
l <b>6</b> -	2056	<.2	<5	20	9	11	1.82	180	<1	13	14	10	21
L7-	2057	<.2	15	35	14	19	2.81	118	<1	19	38	5	36
L8-	2059	<.2	20	40	14	4	3.12	30	<1	26	4	10	32
19-	2060	<.2	<5	5	<1	1	.24	32	<1	2	<2	5	18

AGE 7 KENNECOTT CANADA ETK 92-312

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147-	2088	<.2	10	45	8	5	3.26	391	<1	13	8	<5	41
148-	2089	<.2	10	25	4	2	2.22	122	<1	5	4	<5	20
149-	2090	<.2	20	65	10	8	3.28	394	<1	17	10	<5	37
150-	2091	<.2	10	45	6	1	2.22	200	<1	8	6	<5	28
151-	2092	<.2	10	50	8	5	2.54	506	<1	13	8	<5	27
152-	2093	<.2	15	65	11	6	3.33	476	<1	17	10	<5	31
153-	2094	. 2	20	40	7	5	2.36	267	<1	12	6	<5	27
154- 155-	2095	.2	10	35	6	3	2.21	514	<1	9	6	<5	20
155-	2096	.2	15	25	6	5	2.19	247	<1	9	6	<5	21
156- 157-	2097	.2	20	65	10	6	2.99	1057	<1	14	10	<5	22
157-	2099	.2	20	40	8	4	2.53	341	<1	11	6	<5	24
158-	2100	.2	15	40	9	5	2.40	1220	<1	10	6	<5	25
159-	2101	.2	30	95	13	5	4.65	1566	<1	13	12	5	33
L60-	2102	.2	40	65	9	4	2.70	871	<1	12	6	<5	21
161-	2103	<.2	25	85	9	4	2.76	578	<1	15	8	<5	29
162-	2104	.2	30	85	13	6	3.52	706	<1	18	10	<5	29
163-	2105	.2	20	80	10	4	3.16	734	<1	14	8	<5	23
64-	2106	<.2	25	20	12	15	2.52	529	<1	19	2	5	23
165-	2107	.2	30	75	14	9	3.76	578	<1	18	10	<5	28
166-	2108	<.2	5	15	4	5	1.02	354	<1	6	<2	5	11
67-	2109	<.2	25	75	14	11	3.65	527	<1	21	12	<5	32
-86	2110	.2	15	55	8	4	2.34	673	<1	12	12	<5	26
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70-	2112	<.2	35	90	13	10	4.27	506	<1	19	44	10	117

ECO-TECH LABORATORIES LTD. 10041 EAST TRANS CANADA HWY. KAMLOOPS, B.C. V2C 2J3 PHONE - 604-573-5700 FAX - 604-573-4557

JULY 30, 1992

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VALUES IN PPM UNLESS OTHERWISE REPORTED

PAGE 1

KENNECOTT CANADA INC. ETK 92-329 #138-200 GRANVILLE STREET VANCOUVER, B.C. V6C 1S4

ATTENTION: K. CURTIS/ H. SMIT

24 ROCK SAMPLES RECEIVED JULY 14, 1992 PROJECT: 05-414

ET#	¥a(bbp)	AG	AS	BA	co	CU	FE(%)	MN	MO	NI	PB	SB	ZN
1 - FKG - 001	*		210	30 30	========== 1	4197	1.40	2464	4	1	258	540	130
2 - FKG - 002	~	. 8	410	35	8	>10000	3.43	368	5	36	14	375	150
3 - FKG - 004	-	1.0	20	5	6	2604	.54	366	5	7	<2	5	10
4 - FKG - 005	~	<.2	Ý 25	60	22	149	5.44	172	1	38	14	5	101
5 - FKG - 006	-	<.2	< < 5	25	6	42	2.07	226	<1	10	<2	5	40
6 - FKG - 007	-	3.2	50	50	3	54	1.82	46	16	14	48	10	21
7 - FHG - 001	35	.2	20	5	3	503	.48	355	6	6	4	10	14
8 - FHG - 002	5	<.2	165	75	14	94	14.43	1957	3	9	10	<5	23
9 - FHG - 003	5	<.2	155	70	12	61	14.00	1484	3	2	10	<5	.22
10 - FHG - 004	5	<.2	40	40	9	47	3.05	441	2	10	24	15	17
11 - FHG - 005	15	<.2	40	<5	11	2177	.72	186	. 3	9	<2	<5	4
12 - FHG - 006	5	.6	10	5	11	3762	1.33	210	5	8	8	15	42
13 - FHG - 007	5	.4	15	25	7	- 37	3.86	3544	1	<1	<2	10	8
14 - FHG - 008	-	<.2	25	65	12	31	5.36	140	6	41	12	5	115
15 - FHG - 009	-	<.2	<5	5	<1	4	.51	514	<1	<1	<2	<5	3
16 - FHG - 010	-	<.2	<5	<5	<1	6	.41	224	4	1	<2	<5	2
17 - FHG - 011	~	<.2	15	45	13	18	4.14	129	1	29	4	5	72
18 - FHG - 012		<.2	55	20	2	3	2.72	738	<1	<1	24	10	116
19 - FHG - 013	-	<.2	20	75	11	22	3.65	72	13	32	14	5	49
20 - FHG - 014	-	<.2	20	20	2	4	1.58	685	<1	<1	20	10	89
21 - FHG - 015	~	<.2	20	40	6	15	4.07	128	1	18	16	<5	39
22 - FHG - 016	-	<.2	15	40	3	18	3.41	99	2	8	18	<5	44
23 - FHG - 017	~	<.2	10	70	10	13	2.07	442	1	12	12	<5	40
24 - FHG - 018	$\sim$	<.2	29	50	7	17	3.66	201	7	9	6	<5	46

ALOUSE, B.C. Certified Assayer **UUTTA** 

1. 4

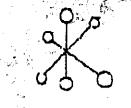
## **APPENDIX 2 - ANALYTICAL RESULTS**

2B - Rock Geochemistry

E 8 KENNECOTT CANADA ETK 92-312					JUL	¥ 18, 19	92	ECO-TECH LABORATORIES LTD.					
	SCRIPTION	AG	AS	BA	со	cu	FE(%)	MN	мо	NI	PB	SB	ZN
	2113		======================================	75	13	 9		 60 <b>4</b>		19	======================================	======================================	42
?-	2114	<.2	20	25	9	13	2.15	283	<1	15	10	5	30
-	2115	<.2	35	70	13	9	3.83	429	<1	18	48	5	38
-	2116	<.2	30	50	14	18	3.80	353	<1	22	14	5	36
-	2118	<.2	40	85	16	22	4.33	754	<1	27	22	5	46
-	2119	.2	25	65	16	55	3.73	892	<1	26	10	<5	33
-	2120	.2	25	75	12	7	3.55	1037	<1	17	36	5	27
-	2121	<.2	10	15	7	10	1.90	285	<1	12	<2	5	13
-	2122	.2	35	95	19	23	4.91	1441	<1	27	32	5	41
-	2123	.2	10	20	6	10	1.48	488	<1	9	10	10	19
-	2124	<.2	20	60	13	37	3.60	447	<1	22	16	5	37
-	2125	<.2	5	10	4	6	1.00	266	<1	4	6	5	54
-	2126	<.2	5	15	6	8	1.42	515	<1	7	12	5	70
	2127	<.2	<5	10	5	6	1.01	353	<1	5	<2	5	21
-	2128	<.2	5	20	12	16	2.23	492	<1	14	6	<5	40
-	2129	<.2	30	60	39	15	4.56	613	<1	25	12	5	46
-	2130	<.2	5	5	5	5	1.05	229	<1	7	2	5	22
-	2131	.2	15	20	11	8	1.74	815	<1	6	10	5	41
-	2132	<.2	10	20	11	11	2.42	317	<1	17	4	5	41
-	2133	<.2	15	20	15	16	2.97	416	2	21	4	10	51
-	2134	<.2	20	65	19	14	5.52	389	<1	34	10	5	106
-	2135	.2	35	65	37	22	6.23	1189	<1	38	50	5	117
-	2136	<.2	20	40	20	26	4.76	657	<1	28	18	5	127

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## **APPENDIX 3 - ANALYTICAL PROCEDURES**



## ECO-TECH LABORATORIE

\*  $\phi_{i}^{(n)}$ ASSAYING . ENVIRONMENTAL TESTING 10041 East Trans Canada Hwy Kamloupe. B.C. V2C 213 (Bos) 870-8700 Fax 573.4657 

10 10 kg October 27, 1992 

F. State

KENSECOTT CANADA INC. #138-200 Granville Street VANCOUVER, B.C. V6C 134

ATTENTION: Rorry Curtis

Dear Kerry,

With reference to our telephone conversation, the following are the geochemical procedures which were used for your samples this summer:

Gold - 10 gram Fire Assay - A.A. Finish

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12 miles

한 실험 전 관계

ICP packages - Aqua Regia digestion - ICP Finish

We thank you for using our Laboratory for your work this summer. We really appreciated the work.

Please do not hesitate to call me if we can be of further Assistance.

Sincerely yours,

BCO-TECH LABORATORIES LTD.

President

Frank J. Pezzotti,

TJP/vac

FAX MESSAGE π COMPANY TUArriera TO FAX NO 669-5250 MOM VICK' @ Lico tech NO. OF MOLEL BE With to bronce to to Lowhorn conversation:

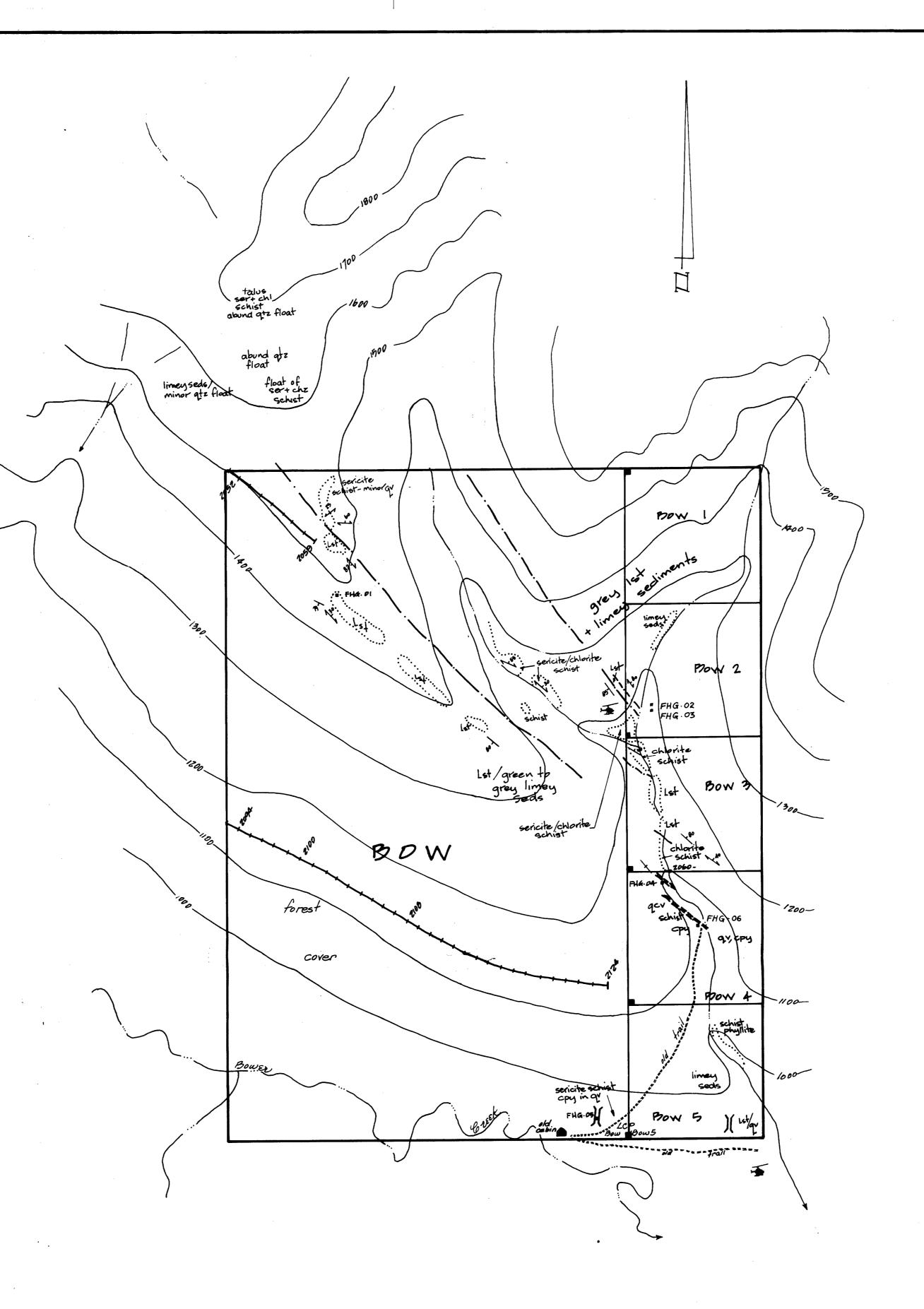
FEED DOCUMENT THIS DIRECTION

IMPORTANT

BOW CLA	IMS-ROCK	GEOCH	IEMISI	RY						
SAMPLE	AU(ppb)	AG	AS	BA	CU	FE(%)	NI	PB	SB	ZN
FHG-001	35	0.2	20	5	503	0.48	6	4	10	14
FHG-002	5	<.2	165	75		14.43	9	10	<5	23
FHG-003	5	<.2	155	70	61		2	10	<5	22
FHG-004	5	<.2	40	40	47	3.05	10	24	15	17
FHG-005		<.2	40	<5	2177	0.72	9	<2	<5	- 4
FHG-006	5	0.6	10	5	3762	1.33	8	8	15	42
BOW CLA	IMS-SOIL	SAMPI	LES							
SAMPLE	λG	AS	BA	CU	MO	NI	PB	SB	SR	ZN
2052		15	75	14	<1	15	114	5	41	·107
2053		25	35	23	<1	19	66	5	12	81
2054		25	40	24	<1	20	74	5	32	73
2055		20	30	8	<1	13	38	<5	12	59
2056		<5	20	11	<1	13	14	10	147	21
2057		15	35	19	<1	19	38	5	21	36
2059	<.2	20	40	4	<1	26	4	10	11	32
2094	0.2	20	40	5	<1	12	6	<5	10	27
2095		10	35	3	<1	9	6	<5	10	20
2096		15	25	5	<1	9	6	<5	7	21
2097		20	65	6	<1	14	10	<5	16	22
2099		20	40	4	<1	11	6	<5	7	24
2100		15	40	5	<1	10	6	<5	12	25
2101		30	95	5	<1	13	12	5	13	33
2102		40	65	4	<1	12	6	<5	11	21
2103		25	85	4	<1	15	8	<5	9	29
2104		30	85	6	<1	18	10	<5	9	29
2105		20	80	4	<1	14	8	<5	8	23
2106		25	20	15	<1	19	2	5	67	23
2107		30	75	9	<1		10	<5	13	28
2108		5	15	5	<1	6	<2	5	89	11
2109		25	75	11	<1		12	<5	14	32
2110		15	55	4	<1		12	<5	9	26
2111		25	80	6	<1		62	5	10	74
2112		35	90	10	<1		44	10	10	117
2113		35	75	9	<1		50	5	12	42
2114		20	25	13	<1		10	5	57	30
2115		35	70	9	<1		48	5	14	38:
2116		30	50	18	<1		14	5	21	36
2118		40	85	22	<1		22	5	17	46
2119		25	65	55	<1		10	<5	33	33
2120		25	75	7	<1		36	5	12	27
2121		10	15	10	<1		<2	5	82	13
2122		35	95	23	<1		32	5	17	41
2123		10	20	10	<1		10	10	83	19
2124		20	60	37	<1		16	5	51	37
11 value	s in ppm	unle	ss oth	nerwi	se sta	ated				

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NOTE ~ Contour interval in 100 metres

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Soil sample traverse 2014 Geologic contact \\_\_\_\_\_\_ 224 Claim boundary Outcrop \_ Legal corner post Quartz carbonate vein \*\*\* Helicopter pad Bedding -/ Foliation 1 Rack geochemical sample FGH-01 GEOLOGICAL BRANCH ASSESSMENT REPORT

22,767

Kennecott Canada Inc. 138 - 200 Granville Street, Vancouver, B.C. V6C 1S4

BOW CLAIMS GEOLOGY and GEOCHEMISTRY OMINECA MINING DIVISION COMPILED BY: KGITTIS, H.Smit/Vhutchings DATE: October 1992 SCALE: 1:10,000 NTS: 94E BE MAP NO: 3

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