

NOV 1 6 1999

Gold Commissioner's Office VANCOUVER, B.C.

COMINCO LTD

1999 ASSESSMENT REPORT

ROCK AND SOIL GEOCHEMISTRY

**GHOST PEAK PROPERTY** 

A TECHNICAL REPORT ON COMBINED STATEMENT OF WORK EVENTS: 3139232 3139252

CLAIMS WORKED ON: GHOST1

REVELSTOKE MINING DIVISION

WORK PERFORMED Sept 24, 1998 and Sept 7 to Sept 10, 1999

NTS:

82K 13/W

82L 16/E

LATITUDE LONGITUDE 118° 00'

50° 55'

OWNER:

COMINCO LTD 700 - 409 GRANVILLE ST VANCOUVER BC, V6C 1T2

OPERATOR:

COMINCO LTD 700 - 409 GRANVILLE ST VANCOUVER BC, V6C 1T2

REPORT AUTHOR: P.W. RANSOM

DATE SUBMITTED: Nov. 10, 1999

GEOLOGICAL SURVEY BRANCH ASSESSMENT REPORT

## TABLE OF CONTENTS

	page
Introduction	
Objective	1
Regional Geology	
Results - Geochemistry	
	_
Rock	
Soil	
Conclusions	
Statement of costs	
Author's Qualifications	
Audio S Quantications	
ercimee	
Index Map showing general location of Ghost Peak property and major deposits of the Kootenay arc  Map showing Ghost Peak Claims  Geology of Ghost Peak area	Figure 2
Index Map showing general location of Ghost Peak property and major deposits of the Kootenay arc  Map showing Ghost Peak Claims  Geology of Ghost Peak area  Soil Zn – Pb data, Ghost Peak property	Figure 2Figure 3
Index Map showing general location of Ghost Peak property and major deposits of the Kootenay arc  Map showing Ghost Peak Claims  Geology of Ghost Peak area  Soil Zn – Pb data, Ghost Peak property	Figure 2Figure 3
Index Map showing general location of Ghost Peak property and major deposits of the Kootenay arc  Map showing Ghost Peak Claims  Geology of Ghost Peak area  Soil Zn - Pb data, Ghost Peak property  Sample Locations	Figure 2Figure 3Figure 4a
Index Map showing general location of Ghost Peak property and major deposits of the Kootenay arc  Map showing Ghost Peak Claims  Geology of Ghost Peak area  Soil Zn - Pb data, Ghost Peak property  Sample Locations  Soil Zn (ppm)	Figure 2 Figure 3 Figure 4a Figure 4b
Index Map showing general location of Ghost Peak property and major deposits of the Kootenay arc  Map showing Ghost Peak Claims  Geology of Ghost Peak area  Soil Zn - Pb data, Ghost Peak property  Sample Locations	Figure 2 Figure 3 Figure 4a Figure 4b
Index Map showing general location of Ghost Peak property and major deposits of the Kootenay arc  Map showing Ghost Peak Claims  Geology of Ghost Peak area  Soil Zn - Pb data, Ghost Peak property  Sample Locations  Soil Zn (ppm)	Figure 2 Figure 3 Figure 4a Figure 4b
Index Map showing general location of Ghost Peak property and major deposits of the Kootenay arc  Map showing Ghost Peak Claims  Geology of Ghost Peak area  Soil Zn - Pb data, Ghost Peak property  Sample Locations  Soil Zn (ppm)  Soil Pb (ppm)	Figure 2 Figure 3 Figure 4a Figure 4b Figure 4c
Index Map showing general location of Ghost Peak property and major deposits of the Kootenay arc  Map showing Ghost Peak Claims  Geology of Ghost Peak area  Soil Zn - Pb data, Ghost Peak property  Sample Locations  Soil Zn (ppm)  Soil Pb (ppm)	Figure 2 Figure 3 Figure 4a Figure 4b Figure 4c Appendix 1

#### INTRODUCTION

The Ghost Peak property is located 15 kilometres southeast of Revelstoke (Fig. 1). It comprises 61 units in 5 claims, Ghost 1, Ghost 2, Ghost 4, Ghost 7 and Ghost 8 (Fig. 2). Cominco Ltd. staked this property shortly after a new Zn/Pb sulphide occurrence was discovered in 1998. A road along Akolkolex River is 6 kilometres from, and 1200 metres below, the discovery. Access is by helicopter from Revelstoke. Most of the property is in high alpine and sub-alpine terrain, some slopes are very steep and there are several cliffs.

The Ghost Peak property is in the northern part of the Kootenay arc. The Cambrian Badshot Fm, host to many Zn/Pb sulphide deposits (Fig. 1), crosses the Ghost Peak claims. The Wigwam Zn/Pb/Fe deposit is 3.5 to 5 km southeast of the discovery (Fig.3). Wigwam and Ghost Peak showing are hosted in the nose of a recumbent syncline of Badshot Fm. At Wigwam a resource of 700,000 tonnes with 2.1% Pb, 3.5% Zn is based on drilling 3031 metres in 47 holes. In the 1960s Cominco geologists, and others, had noted some Zn mineralization on a ridge about 500 metres west of the discovery area.

This report documents analyses obtained on 7 rock and 47 soil samples.

#### **OBJECTIVE**

The objective of exploration work on the Ghost Peak property is to locate an economic zinc-lead sulphide deposit.

#### GENERAL GEOLOGY

The Kootenay arc is a 10 to 50 km wide, 400 km long, arc-shaped belt of rocks that extends from 50 km south of the US border to 100 km north of Revelstoke (Fig. 1). Several small to medium size Zn-Pb-Ag deposits, some of which have been mined, as well as numerous showings are scattered along the length of the arc. The Cambrian Badshot Fm, a 50 to 100 meter thick limestone that is now a marble in most areas, extends almost the entire length of the arc, and is host to most of the larger deposits. Throughout the Arc the Badshot is repeated in several isoclinal folds, some of which are recumbent.

The Remac, Jersey and HB deposits at Salmo, BC near the US border, Duncan, in the middle of the arc, and Wigwam, to the north, are stratabound. Because of association with major faults, several geologists support a synsedimentary or early, strata controlled, carbonate replacement (CRD) origin for these deposits. Bluebell, between Salmo and Duncan, is in the Badshot and is a member of a group of Eocene vein/CRD deposits hosted in rocks as young as Triassic. The Goldstream deposit, near the north end of the arc has several characteristics of volcanogenic massive sulphide (VMS) deposits.

Several of these deposits have been mined. Production (p) or pre-production reserve (r) of the larger deposits is:

DEPOSIT	TONNES	Ag gm/T	Pb%	Zn %	Си%
D	£ 900 000	_	1.0	2.4	
Remac	5,800,000 p	3.4	1.0	3.4	
Jersey	7,680,000 p	nil	1.7	3.5	
HB	6,450,000 p	nil	0.8	4.1	
Bluebell	4,823,000 p	60.0	5.2	6.3	
Goldstream	3,200,000 r	20.0	- '	3.1	4.5

### PROGRAM

To evaluate potential of the Ghost Peak showing, levels of zinc and lead were determined in the showing, in selected rocks collected during prospecting and in routinely collected soil samples. All samples were analyzed at Cominco's Exploration Research Lab using ICP, a technique that provides values for a suite of 28 elements. Rock samples with visible sphalerite were also assayed for Zn and Pb using AAS. Data for

these analyses are appended to this report. Maps showing labeled sample locations, Zn and Pb values are in Figures 4a, 4b and 4c respectively. The work was carried out on Sept 24, 1998 and Sept. 7 to 10, 1999.

#### **RESULTS**

The discovery area is 100 by 200 metres of ice heaved blocks. The blocks appear to have moved only slightly, probably only a few tens of metres, from their points of origin. The blocks are typically differentially weathered silicified Badshot Fm. marble with 20 to 30% limy lenses and layers. Recessive and resistive weathering zones are typically 1 to 40 cm wide and they characteristically pinch and swell and interfinger. Phyllitic partings and bands occur. Extreme tight folding is apparent in all blocks throughout the discovery area. These folds have been classified as type 1 structures that developed with the recumbent Drimmie Creek syncline (Thompson (1978). These folds are the earliest structures recognized in Akolkolex area and they correlate with Phase 1 (Fyles, 1964) folds in the rest of the Kootenay arc.

Mineralization is present in some of the blocks and consists of pale brown disseminated to clustered up to 2 mm granular sphalerite, occasionally with minor galena or pyrite. In contrast massive pyrrhotite is the dominant sulphide mineral at Wigwam.

In 1998, zinc and lead assays were determined for 2 sets of rock chip samples across layering of sphalerite mineralized calcareous silica-rock from the Ghost Peak showing (lab numbers R9813477 to R9813480). Sample locations are shown in Figure 4a. Samples R9813477 to R9813479 are from a 1.8 metre interval, and the calculated composite is 6.82% Zn and 0.67% Pb. Sample R9813480 represents sampling across 1.0 metres returned values of 2.02% Zn (Assay) and 2608 ppm Pb (ICP).

In 1999, selected rock samples were collected in conjunction with soil sampling. Sample locations are indicated in Figure 4a. Apart from sample R9909747 with 215 ppm Pb, there is no other significant indication of mineralization. The level of Pb in the anomalous sample is lower than that in soils of the adjacent southern anomaly.

Soil samples were collected at 100 metre spacing along the 1800 and 1900 metre elevation contour lines southwesterly from the north boundary of the claims near the upper part of Drimmie Creek (Fig. 4 and Appendix 2). The lines cross, or cross immediately beneath, extensive exposures of Badshot Fm. on the overturned limb of the recumbent Drimmie Creek syncline. The upper line obtained two zones of anomalous Pb+Zn, 400 and 200 metres long, both north of the discovery area. The upper line ended at but did not effectively evaluate the scant soils in the discovery area. On the lower line are two Pb+Zn single point anomalies and a line-end two-point anomaly. The single point anomalies are down slope of the anomalies on the upper line with the possibility that one could originate from the discovery area. Two anomalous samples at the southwest end of the lower line are situated just above a cliff face where gossanous-looking exposures were noted from the air. One of these samples had highest Zn (1543 ppm) and second highest Pb (290 ppm) in the survey.

#### CONCLUSIONS

Significant levels of zinc are present in a newly discovered showing 15 km southeast of Revelstoke BC. Although in ice-moved blocks, it is clear mineralization is hosted by silicified Badshot Fm. Soil anomalies indicate the mineralization may continue as much as 1.5 km northeast and 1 km south of the discovery area. The anomalous Pb (215 ppm) in a rock specimen collected near the southern soil anomaly on the upper line may be from a halo peripheral to mineralization on strike from the discovery showing.

#### SELECTED REFERENCES

Fyles, J.T., 1964, Geology of the Duncan Lake Area, BC Department of Mines and Petroleum Resources, Bulletin 49.

McMillan, W.J., Hoy, T., MacIntyre, D.G., Nelson, J.L., Nixon, G.T., Hammack, J.L., Panteleyev, A., Ray, G.E., and Webster, I.C.L. (1991): Ore Deposits, Tectonics and Metallogeny in the Canadian Cordillera, BC Ministry of Energy, Mines and Petroleum Resources, Paper 1991-4.

Thompson, R.I., 1978, Geology of the Akolkolex River Area, BC Ministry of Energy, Mines and Petroleum Resources, Bulletin 60.

## **COST SUMMARY**

Sept	1	998
------	---	-----

Sept

L	770		
	Personnel - P.W. Ransom, K.R. Pride, N.P. O'Brien, 1/2 day each	h.	500.00
	Helicopter – Long Ranger, 0.7 hr @ \$840/hr		588.00
	Accommodation and domicile		100.00
	Analytical work		70.00
t 1	999		
	Personnel - P.W. Ransom - travel, field, reporting - 3 days		1500.00
	G. Graham – travel, field – 2 days		600.00
	Domicile		274.70
	Vehicle rental		294.27
	Vehicle fuel and \$20.00 highway toll		131.49
	Helicopter – Jet Ranger, 1.4 hrs @ \$750		1071.07
	Supplies, sample prep and analyses		<u>450.00</u>
		TOTAL	<u>5579.53</u>

Signed:

Paul Ransom, Contract Geologist

## **AUTHOR'S QUALIFICATIONS**

As author of this report, I, P.W. Ransom, certify that:

I am a geologist active in mineral exploration.

I am a graduate of McGill University with a degree of Bachelor of Science.

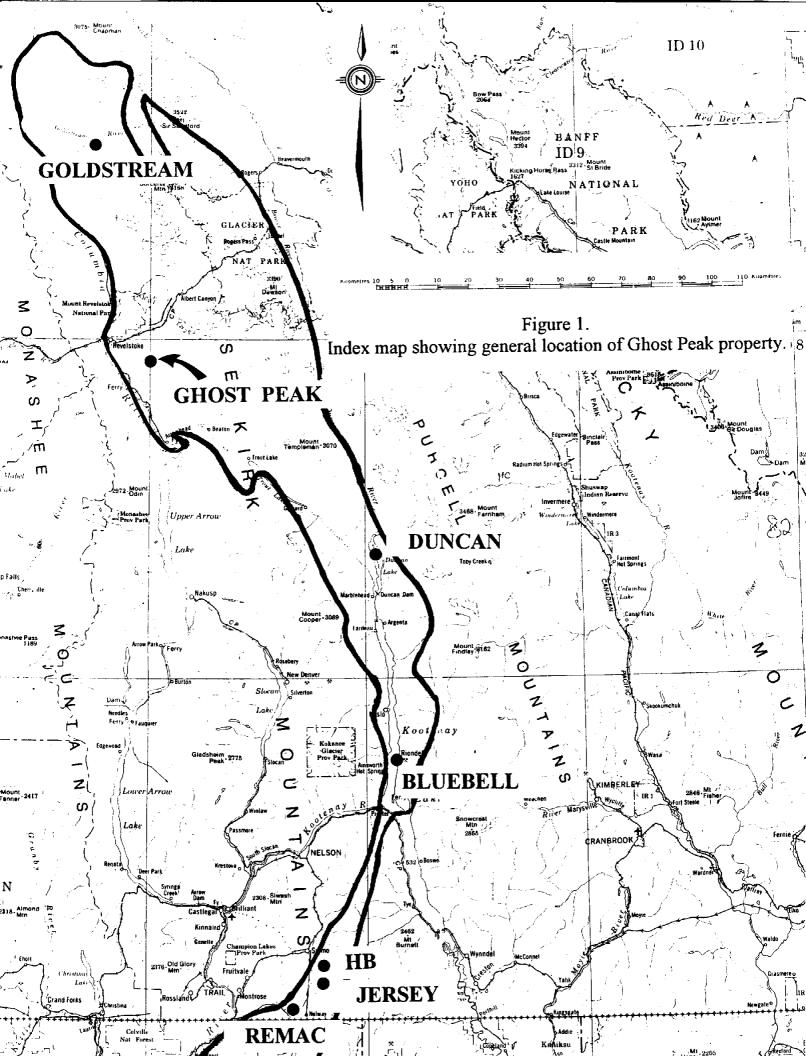
I worked continuously for Cominco Ltd. in mining and exploration from June 1966 to February 1999, and have worked intermittently on a contract basis since then.

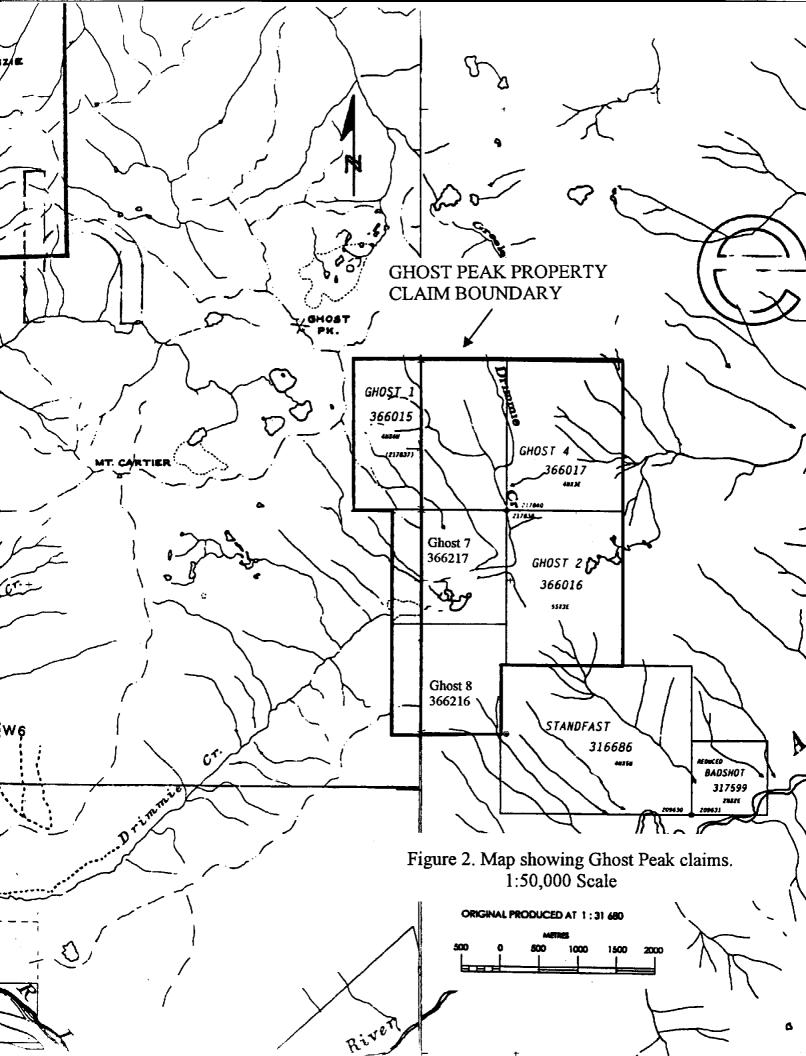
I am a member of the Geological Association of Canada and of the Canadian Institute of Mining and Metallurgy.

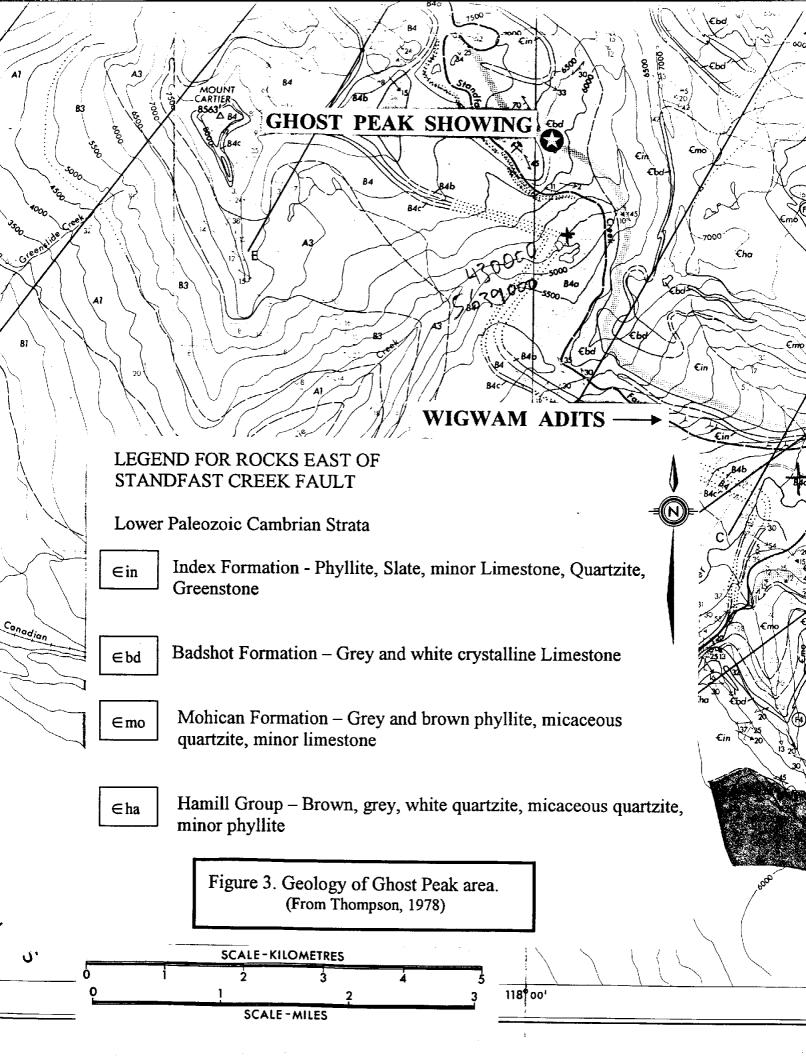
I conducted exploration on the Ghost Peak property for Cominco Ltd.

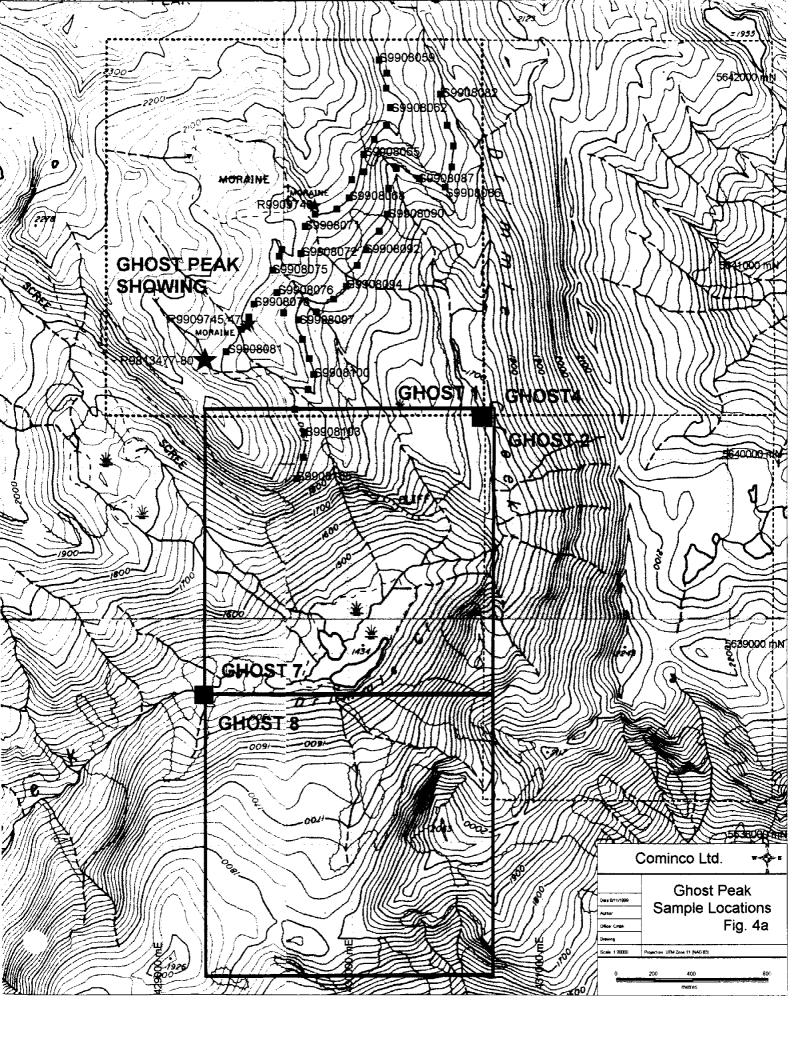
Signed:

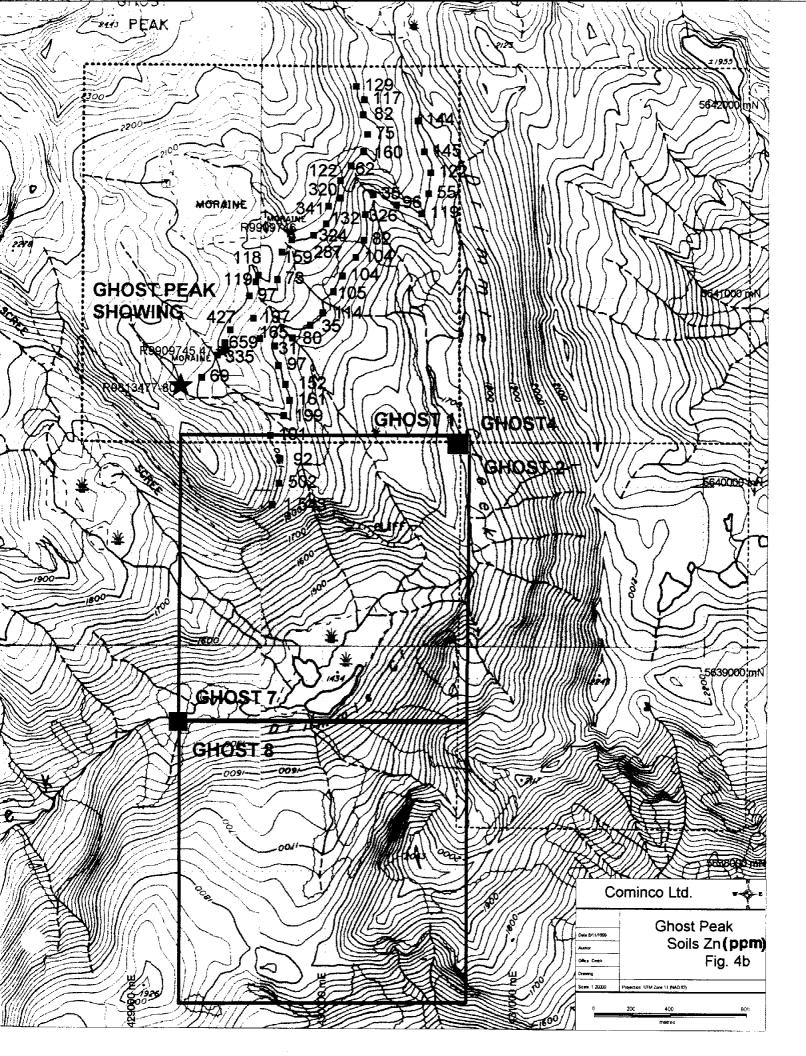
P.W. Ransom

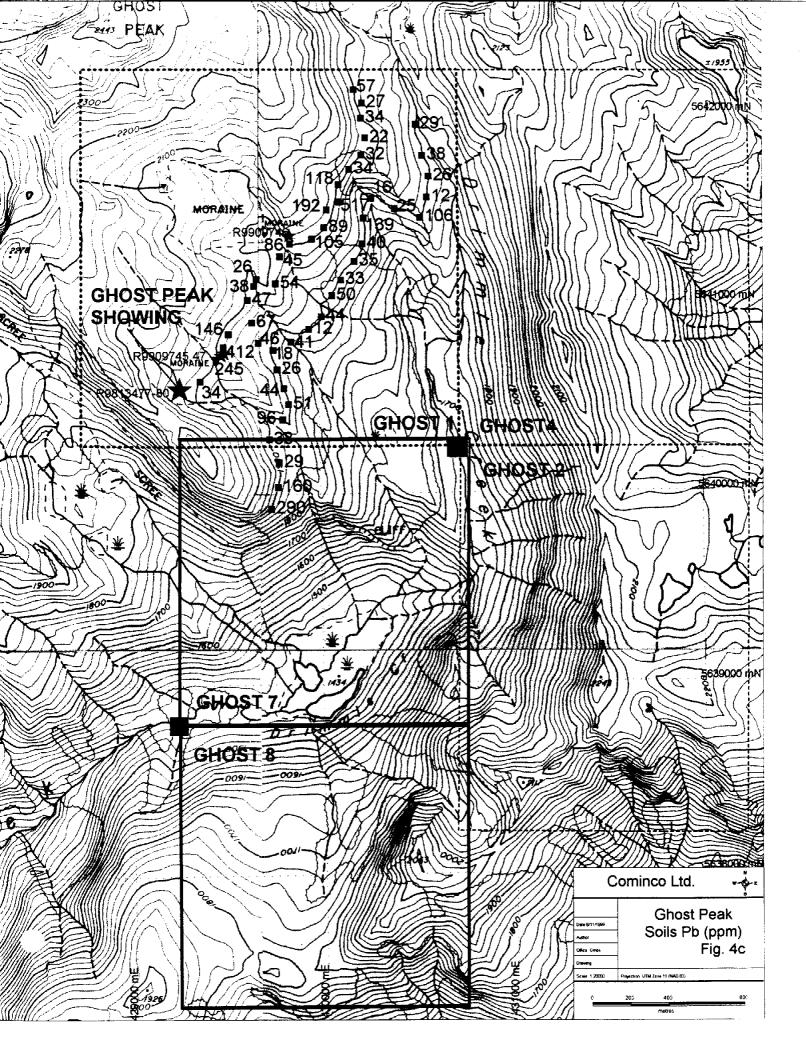












## APPENDIX 1

**ROCK ANALYSES** 

Job V980699R

Date 981015

ICP PACKAGE :0.5 gram sample digested in hot reverse aqua regia (soil

silt) or hot Aqua Regia(rocks).

only of hot	nqua itegial	iocks).						
LAB NO	FIELD	Cu	Pb	Zn	Ag	As	Ва	Cd
	NUMBER	ppm	ppm	ppm	ppm	ppm	ppm	ppm
R9813477		4	5609	E20780	2.3	2	198	35
R9813478		3	30	189	0.5	2	827	1
R9813479		11	E11590	162100	3.5	21	172	309
R9813480	KR98-200	13	2608	E21000	2.3	3	113	30
LAB NO	Co	Ni	Fe	Мо	Cr	Bi	Sb	V
	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
R9813477	1	3	0.43	2	76	5	5	2
R9813478	1	1	0.1	2	29	5	5	2
R9813479	1	4	1.74	3	44	5	5	4
R9813480	1	4	1.55	2	61	6	5	3
LAB NO	Sn	W	Sr	Y	La	Mn	Mg	Ti
	ppm	ppm	ppm	ppm	ppm	ppm	%	%
R9813477	2	2	121	2	2	182	1.94	0.01
R9813478	2	2	173	2	2	178	2.04	0.01
R9813479	2	2	82	2	2	466	1.01	0.01
R9813480	2	2	71	2	2	169	1.43	0.01
LAB NO	Al	Ca	Na	K	Р			
	%	%	%	%	ppm			
R9813477	0.03	7.63	0.02	0.01	33			
R9813478	0.01	E20.09	0.02	0.01	46			
R9813479	0.04	E10.26	0.02	0.01	125			
R9813480	0.02	9.82	0.02	0.01	68			

AAS ASSAY PACKAGE

LAB NO FIELD NO ZN % PB %

R9813477 R98-126

2.02

R9813479 R98-128

15.8 1.25

R9813480 KR98-200 2.02

# KOOTENAY ARC/GHOST-CEX

Job

V990647R

# ANALYTICAL METHODS

ICP PACKAGE :0.5 gram sample digested in hot reverse aqua regia (soil silt) or hot Aqua Regia(rocks).

R99GP2 -	Date	990922						
LAB NO	FIELD	Cu	Pb	Zn	Ag	As	Ва	Cd
	NUMBER	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	R99GP3/0	3	8	21	0.4	2	525	1
	R99GP2/0	34	38	103	0.4	24	13	1
R9909747	R99GP4/0	10	215	62	8.0	2	265	1
LAB NO	Co	Ni	Fe	Мо	Cr	Bi	Sb	V
	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
R9909745	1	1	0.35	2	4	5		2
R9909746	1	17	2.19	2	147	5	5	7
R9909747	1	7	4.33	2	170	5	5	4
LAB NO	Sn	w	Sr	Υ	La	Mn	Mg	Ti
	ppm	ppm	ppm	ppm	ppm	ppm	%	%
R9909745	2	2	342	2	2	753	E10.1	0.01
R9909746	2	2	7	2	2	44	0.02	0.01
R9909747	2	2	9	2	2	80	0.02	0.01
LAB NO	Al	Ca	Na	к	Р			
	%	%	%	%	ppm			
R9909745	0.05	E20.28	0.04	0.01	44			
R9909746	0.03	0.05	0.03	0.01	262			
R9909747	0.03	0.36	0.04	0.01	777			

# APPENDIX 2

SOIL ANALYSES

KOOTENA	Y ARC/GHOS	T-CEX	SOILS	Job	V990648S		Date	990922
Lab	Field	Cu	Pb	Zn	Ag	As	Ва	Cd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm
S9908059	381154	50	57	129	0.4	2	21	1
S9908060	381155	35	27	117	0.4	6	44	1
S9908061	381156	34	34	82	0.4	2	36	1
S9908062	381157	40	22	75	0.4	2	44	1
S9908063	381158	34	32	160	0.4	20	48	1
S9908064	381159	21	34	62	0.4	2	29	1
S9908065	381160	30	118	122	0.4	7	37	1
S9908066	38116 <del>1</del>	33	517	320	0.4	80	45	10
S9908067	381162	36	192	341	0.4	17	96	2
S9908068	381163	13	89	132	0.4	5	43	1
S9908069	381164	14	105	324	0.4	8	75	1
S9908070	381165	13	86	287	0.4	7	307	1
S9908071	381166	19	45	159	0.4	4	1584	1
S9908072	381167	15	54	73	0.4	11	2731	
S9908073	381168	17	26	118	0.4	5	190	1
S9908074	381169	10	38	119	0.4	3	80	i
S9908075	381170	11	47	97	0.4	5	35	1
S9908076	381171	29	67	197	0.4	5	81	. 1
S9908077	381172	18	46	165	0.4	5	122	1
S9908078	381173	27	146	427	0.4	10	135	3
S9908079	381174	61	412	659	0.4	17	1389	2
S9908080	381175	24	245	335	0.4	11	586	1
S9908081	381176	9	34	69	0.4	2	83	1
S9908082	381451	25	29	144	0.4	4	24	1
S9908083	381452	40	38	145	0.4	5	31	1
S9908084	381453	46	26	122	0.4	3	63	1
S9908085	381454	22	12	55	0.4	3	25	<u>i</u>
S9908086	381455	44	106	119	0.4	4	36	1
S9908087	381456	41	25	96	0.4	2	45	1
S9908088	381457	16	16	35	0.4	4	26	1
S9908089	381458	15	139	326	0.4	11	117	1
S9908090	381459	11	40	82	0.4	9	42	1
S9908091	381460	13	35	104	0.4	4	60	1
S9908092	381461	12	33	104	0.4	4	193	1
S9908093	381462	13	50	105	0.4	5	277	1
S9908094	381463	12	44	114	0.4	5	72	1
S9908095	381464	11	12	35	0.4	2	146	1
S9908096	381465	33	41	80	0.4	4	45	1
S9908097	381466	10	18	31	0.4	4	54	1
S9908098	381467	37	26	97	0.4	2	29	1
S9908099	381468	20	44	152	0.4	3	81	1
S9908100	381469	16	51	161	0.4	4	115	1
S9908101	381470	16	96	199	0.4	3	462	1
S9908102	381471	16	38	101	0.4	5	236	1
S9908103	381472	8	29	92	0.4	2	136	1
S9908104	381473	10	160	502	0.4	- 2	444	1
S9908105	381474	13	290	1543	0.4	4	1702	2
	ΔΝ	JAI VTIC	VI METHOS	20				

ANALYTICAL METHODS

ICP PACKAGE: 0.5 gram sample digested in hot reverse aqua regia.

KOOTENA	Y ARC/GHO							
Lab	Field	Co	Ni	Fe	Ma	0-	5.	
	1 1014				Мо	Cr	Bi	Sb
S9908059	381154	ppm 13	ppm	% 4.70	ppm	ppm	ppm	ppm
59908060	381155		42	4.78	5	11	5	5
S9908061	381156	26 23	57 57	4.67	2	20	5	5
S9908062		33	57 	6.01	2	8	5	5
S9908063	381157	23	67	4.15	2	22	5	5
	381158	35	71	3.92	2	18	5	5
S9908064	381159	23	28	4.57	2	11	5	5
S9908065	381160	23	48	3.57	2	17	5	5
S9908066	381161	14	32	4.17	2	13	5	5
S9908067	381162	23	56	6.73	2	12	5	5
S9908068	381163	7	11	3.07	2	10	5	5
S9908069	381164	12	18	4.18	2	14	5	5
S9908070	381165	9	17	3	2	17	5	5
\$9908071	381166	3	16	1.88	2	21	5	5
S9908072	381167	4	13	3.29	2	20	5	5
S9908073	381168	7	10	2.09	2	15	5	5
S9908074	381169	4	12	2.08	2	14	5	
S9908075	381170	7	17	3.68	2	12	5	5
S9908076	381171	16	35	4.59	2	16		5
S9908077	381172	13	27	4.57	2		5	5
S9908078	381173	16	36	5.73		19	5	5
S9908079	381174	8	20		2	18	5	5
59908080	381175	11		E13.15	2	17	5	5
S9908081	381176		21	5.75	2	15	5	5
S9908082		3	4	0.86	2	4	5	5
S9908083	381451	15	33	6	7	17	5	5
	381452	. 9	32	3.85	5	31	5	5
S9908084	381453	13	35	3.46	3	31	5	5
S9908085	381454	8	19	2.76	2	18	5	5
S9908086	381455	27	39	6.75	16	13	5	5
S9908087	381456	34	57	4.82	2	22	5	5
S9908088	381457	5	10	2.21	2	9	5	5
S9908089	381458	8	17	2.97	2	16	5	5
S9908090	381459	8	16	3.03	2	17	5	5
S9908091	381460	8	13	2.57	2	11	5	5
S9908092	381461	11	18	3.12	2	14	5	5
S9908093	381462	8	15	2.52	2	14	5	5
S9908094	381463	7	11	2.87	2	10	5	5
S9908095	381464	3	5	1.3	2	6	5	5
S9908096	381465	17	35	5.6	2	12	5	5
S9908097	381466	3	5	1.67	2	7	5	5
S9908098	381467	23	57	5.88	2	11	5	
S9908099	381468	14	32	4.37	2			5
S9908100	381469	8	19	3.69	2	12	5	5
S9908101	381470	11	30		2	18	5	5
S9908102	381471	7		5.47	2	24	5	5
S9908103	381472	2	9	3.23	2	7	5	5
S9908103	381472 381473	2	5	1.04	2	4	. 5	5
S9908105			6	2.45	2	6	5	5
39900100	381474	5	15	2.45	2	12	5	5

KOOTENAY	ARC/GHO							
Lab	Field	V	Sn	W	Sr	Υ	La	Mn
		ppm	ppm	ppm	ppm	ppm	ppm	ppm
S9908059	381154	18	2	2	4	43	32	195
S9908060	381155	25	2	2	11	33	57	1449
S9908061	381156	9	2	2	9	56	40	2134
S9908062	381157	13	2	2	13	28	39	440
S9908063	381158	23	2	2	15	32	33	2300
S9908064	381159	18	2	2	7	25	23	2653
S9908065	381160	15	2	2	29	47	50	1532
S9908066	381161	24	2	2	17	36	25	1737
S9908067	381162	19	2	2	18	84	45	4153
S9908068	381163	32	2	2	6	7	8	1518
S9908069	381164	37	2	2	6	7	10	2506
S9908070	381165	38	2	2	19	12	13	1945
S9908071	381166	44	2	2	166	57	25	680
S9908072	381167	49	2	2	76	31	19	1635
S9908073	381168	39	2	2	15	22	15	1940
S9908074	381169	31	2	2	7	6	8	522
S9908075	381170	27	2	2	4	8	10	350
S9908076	381171	27	2	2	13	48	25	2430
S9908077	381172	26	2	2	10	19	20	1723
S9908078	381173	32	2	2	13	45	31	3911
S9908079	381174	94	3	2	21	47	27	9200
S9908080	381175	40	2	2	11	30	21	1267
S9908081	381176	13	2	2	8	11	10	136
S9908082	381451	38	2	2	2	5	7	752
S9908083	381452	41	2	2	4	7	11	278
S9908084	381453	42	2	2	6	9	12	514
S9908085	381454	31	2	2	3	6	9	458
S9908086	381455	32	2	2	8	56	19	4700
S9908087	381456	25	2	2	6	13	20	2007
S9908088	381457	21	2	2	3	5	6	434
S9908089	381458	44	2	2	34	14	12	3263
S9908090	381459	31	2	2	7	4	8	1227
S9908091	381460	26	2	2	8	4	7	1650
S9908092	381461	27	2	2 2	7	4	9	1614
S9908093	381462	29	2	2	11	7	8	1791
S9908094	381463	26	2	2	4	7	8	1451
S9908095	381464	21	2	2	10	22	16	431
S9908096	381465	22	2	2	3	11	12	1508
S9908097	381466	23	2	2	4	6	7	416
S9908098	381467	8	2	2	12	39	20	656
S9908099	381468	16	2	2	12	27	18	1008
\$9908100	381469	29	2	2	23	27	24	1089
S9908101	381470	70	2	2	9	14	15	676
S9908102	381471	22	2	2	4	17	11	1362
S9908103	381472	11	2	2	17	7	9	457
S9908104	381473	32	2	2	74	16	<sup>1</sup> 13	1276
S9908105	381474	34	2	2	13	11	12	2281

KOOTENA	Y ARC/GHO							
Lab	Field	Mg	Ti	Al	Ca	Na	к	_
200	1 1014	%	%	%	%			Р
S9908059	381154	0.39	0.02	1.84	0.08	% 0.07	%	ppm
S9908060	381155	0.58	0.02	2.95	0.03	0.07	0.04	1655
S9908061	381156	0.32	0.01	1.6	0.23 0.17	0.06	80.0	2166
S9908062	381157	0.73	0.01	2.3	0.17	0.06	0.02	2948
S9908063	381158	0.49	0.01	2.91	0.23	0.06 0.07	0.03	1091
S9908064	381159	0.37	0.01	2.9	0.08	0.07	0.09	2479
S9908065	381160	0.56	0.01	2.9	0.78	0.06	0.03	1805
S9908066	381161	0.42	0.02	2.34	0.6	0.07	0.05	1405
S9908067	381162	0.33	0.02	2.4	1	0.06	0.09	3543
59908068	381163	0.19	0.02	2.46	0.11	0.08	0.06	2557
59908069	381164	0.33	0.02	1.65	0.11		0.06	1746
S9908070	381165	0.48	0.02	1.78	1.45	0.07	0.08	2798
S9908071	381166	0.59	0.01	2.52	5.19	0.07	0.15	9072
S9908072	381167	0.35	0.01	2.52 3.67	3.19	0.07	0.2	E26680
S9908073	381168	0.48	0.02	3.49	3.37 1.4	0.07	0.09	E21660
S9908074	381169	0.40	0.02	3.4 <del>9</del> 1.64	0.21	0.07	0.1	E10060
S9908075	381170	0.24	0.02	3.2	0.21	0.06	0.1	2369
S9908076	381171	0.47	0.03	2.71		0.07	0.04	1440
S9908077	381172	0.47	0.03	2.71	0.59 0.27	0.07	0.1	2969
S9908078	381173	0.88	0.03	3.66	0.27	0.07	0.11	2801
S9908079	381174	0.63	0.04	3.97	1.02	0.07 0.07	0.1	3312
S9908080	381175	0.34	0.03	2.19	0.36	0.07	0.21	9152
S9908081	381176	0.09	0.05	2.13	0.30	0.07	0.15	3902
S9908082	381451	0.4	0.04	1.43	0.12	0.09	0.03	553
S9908083	381452	0.63	0.02	2.03	0.03	0.05	0.07 0.1	1291
S9908084	381453	0.58	0.05	3.35	0.11	0.06	0.1	1310
S9908085	381454	0.4	0.05	2.94	0.05	0.00	0.11	1244
S9908086	381455	0.38	0.02	1.94	0.26	0.07	0.05	884
S9908087	381456	0.71	0.01	2.17	0.08	0.06	0.03	2414 1607
S9908088	381457	0.18	0.06	3.04	0.03	0.00	0.07	1181
\$9908089	381458	0.41	0.01	1.83	1.04	0.06	0.03	6102
S9908090	381459	0.37	0.01	1.48	0.06	0.07	0.00	1610
S9908091	381460	0.27	0.01	1.71	0.1	0.07	0.07	2252
S9908092	381461	0.4	0.01	2.21	0.26	0.06	0.08	3084
S9908093	381462	0.37	0.01	1.86	0.35	0.07	0.08	3804
S9908094	381463	0.22	0.01	1.87	0.07	0.05	0.06	2158
S9908095	381464	0.12	0.05	4.6	0.91	0.08	0.03	4823
S9908096	381465	0.28	0.04	2.09	0.06	0.06	0.1	1224
S9908097	381466	0.12	0.03	3.21	0.16	0.08	0.05	2179
S9908098	381467	0.68	0.01	2.53	0.24	0.07	0.05	1300
S9908099	381468	0.73	0.01	2.34	0.39	0.06	0.06	2568
S9908100	381469	0.8	0.01	2.76	2.6	0.07	0.1	E15880
S9908101	381470	0.61	0.05	3.49	0.47	0.07	0.07	1941
S9908102	381471	0.17	0.05	4.29	0.1	0.07	0.04	2254
S9908103	381472	0.5	0.04	1.57	0.99	0.13	0.04	782
S9908104	381473	2.94	0.03	2.29	5.38	0.07	0.04	3166
S9908105	381474	0.28	0.02	2.59	1.02	0.06	0.08	2489
					· · - <del>-</del>			