COMINCO LTD.

EXPLORATION

WESTERN DISTRICT

NTS: 92P/8E

ASSESSMENT REPORT

GEOLOGICAL MAPPING & GEOCHEMICAL SURVEY

ON THE

BALDY PROPERTY

(BALDY 1, 9 UNITS; BALDY 2, 12 UNITS;

BALDY 3, 12 UNITS; BALDY 4, 16 UNITS)

BALDY MOUNTAIN AREA

KAMLOOPS MINING DIVISION

LATITUDE: 51°27'N

LONGITUDE: 120°03'W

WORK PERFORMED

July 1 to 3, July 23 to 29, and

August 12 to 13, 1980

13 MAY 1981

J.C. CAELLES

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ATTACHMENTS

COMINCO LTD.

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ASSESSMENT REPORT

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BALDY PROPERTY

INTRODUCTION

The Baldy property consists of 49 units staked on May 21, 1980 by Cominco Ltd. It is made of four groups: Baldy 1(9 units); Baldy 2(12 units); Baldy 3(12 units); and Baldy 4(16 units).

An exploration program consisting of geological mapping and soil and rock geochemical sampling in a grid established with compass and hip chain was carried out in 1980; sample locations were marked with orange flagging.

LOCATION AND ACCESS

The Baldy property is located in the Kamloops Mining Division (NTS: 92P/8E), about 19 km due south of Clearwater (Plate 1). Access is by road from Little Fork on Highway 5, across the North Thompson River by ferry and from there north for 8.6 km by gravel road to a turn off to the east, along which, after 17.2 km and past the Windpass Mine, the fire lookout tower at Baldy Mountain within the property is reached, for a total of 26 km from Little Fork. Access can also be gained by road from Clearwater south along the eastern side of the Northern Thompson River for 28 km, of which 13 km are paved, to the Windpass Mine and fire lookout tower turn off, for a total of 45 km from Clearwater; this last route circumvents the use of the ferry.

The topography is rugged ranging in elevation from 4500 to 7400 ft. The tree line is at about 6200 ft.

HISTORY

Assessment Report 4267 written by R. Wolfe in 1972 is a soil geochemical survey that delineated a >13 ppm molybdenum anomaly in an area about 1,000 x 1,000 feet in the SS claims, on Baldy Mountain. The Baldy property was staked by Cominco on May 21, 1980 to cover the reported molybdenum anomaly.

In late July 1980 the property was mapped and 192 soil, 62 rock, and 15 silt samples were taken.

REGIONAL GEOLOGY

The area has been mapped as underlain by the Late Paleozoic(?) Fennell Formation which is intruded, within the Baldy property, by a Cretaceous(?) batholith of quartz-monzonitic composition.

The Fennell Formation is made up of greenstone, foliated greenstone, green-schist, argillite, chert, minor amphibolite, and limestone. In places the greenstones exhibit pillow structure.

The Cretaceous(?) intrusion comprises coarse-grained, biotite quartz-monzonite containing dykes and veins of granitic and quartz-monzonitic composition.

LOCAL GEOLOGY

The property is underlain by the Fennell Formation, intruded by quartz monzonite (Plate 2). The generally north-trending contact runs through the middle of the property, with Fennell rocks localized to the west and quartz monzonite to the east.

The Fennell Formation consists of a metamorphosed volcano-sedimentary succession of supposedly Late Paleozoic age. It is made up of well-bedded quartzites, quartz-mica schists and hornfels. In some places the sediments show rhythmic sedimentation with alternating chert and hornfels beds 5-8 cm thick over thicknesses of few metres; this sequence is interpreted as deep-water turbidite deposition. The strucutre is complex; the metasediments are tightly folded and change strike and dip in short distances.

Massive and crudely-layered porphyritic basalt, porphyritic andesite, equigranular andesite and possibly dacite occur mainly as concordant flows but occasionally as discordant dykes(?). Some volcanic units exhibit coarse-grained texture and resemble gabbro; they might be feeders for the flows. No pillow structures were observed in the property.

The granitoid intrusion is coarse-grained, mainly equigranular but in places porphyritic with up to 2 cm long K-feldspar phenocrysts, biotite quartz-monzonite. It hosts scarce aplitic dykes up to 10-15 cm thick and small pegmatitic pods up to 1 x 2 m. No deformational features were observed.

Quartz porphyry outcrops in three places: near the legal corner post (LCP) by the lake, about 1200 m southeast of that lake and in the central-northern part of the property (Plate 2). Near the LCP the porphyry displays K-feldspar phenocrysts and quartz eyes up to 1-2 cm across and is of quartz monzonite composition. It is interpreted to be a distinct phase of the batholith rather than a contact or border phase because it was observed only at this locality along the contact. A small outcrop of quartz monzonite porphyry, characterized by glassy-quartz eyes and pervasive sericitization, was found to the southeast of the LCP lake; the poor outcrop does not allow deciding whether it is a small plug or

dyke. In the northern outcrop the porphyry is slightly porphyritic with up to 1 cm glassy-quartz eyes; it exhibits patchy sericitization, argillization of feldspars and, in places, abundant hairline-wide quartz veining with scarce quartz veins up to 5 mm thick.

Appendix 1 summarizes petrographic observations made on thin sections from samples located in Plate 2.

MINERALIZATION AND ALTERATION

With the exception of one locality, 80 m southeast of the LCP, all mineralization was found in old, small workings. A trench near the LCP uncovered a 10-30 cm-wide silicified structure (fracture ?) in volcanics with sphalerite, pyrite and abundant limonite (Plate 2); the showing does not appear to have economic significance.

Approximately 750 m north of the LCP an old trench about 8 x 1.5 m exposes a 25 cm-wide quartz vein bearing abundant molybdenite rosettes up to 4-5 cm in diameter (Plate 2). A grab sample of vein material assayed 0.68% Mo (sample BCR-16); the country rock is porphyritic andesite. Another vein, possibly a continuation of the previous one, outcrops 400 m to the east of it showing identical characteristics (Plate 2). A quartz vein with much less molybdenite (<<1%) was found about 1200 m southeast of the LCP (Plate 2).

Small molybdenite rosettes, up to 1 cm in diameter, and flakes were found in the quartz monzonite porphyry, about 80 m to the southeast of the LCP. This showing occurs along a quartz-filled fracture for a length of 1 m.

The small porphyry plug(?) located 1200 m southeast of the LCP contains scarce limonite (<1%) and possibly molybdenite (<<1%) in quartz-filled hairline fractures.

Several colour anomalies are present in the property, developed on metamorphosed sediments and volcanics of the Fennell Formation (Plate 2). In the sediments, the gossans are made up by both transported and indigenous limonite, formed after syngenetic pyrite. Approximately 800 m south of the LCP, two small gossans, about 50 x 70 m each, occur in metavolcanics displaying a stockwork of quartz and aplitic veins; their localized distributions suggest a hydrothermal introduction of pyrite, which was oxidized to limonite. No economic minerals were observed, with the exception of scarce (<<1%) flakes of molybdenite in a nearly aplitic dyke (Plate 2).

Intense hydrothermal alteration was not observed in the property. Sparse quartz and aplite veining occurs in metavolcanics about 800 m south of LCP but no alteration has developed either pervasively in the rock or along the selvages of the veins; they vary in thickness from 1 mm to 3-5 cm and are barren of sulphides.

GEOCHEMISTRY

Using compass and chain, a grid approximately 1500 x 1400 m with lines running north-south 200 m apart was flagged on the property, covering the reported Mo anomaly. Rock, when available, and soil samples were taken at 50 m intervals within the grid (Plate 3), as well as along two lines on the northeastern part of the property (Plates 2,4, and 5); silt samples were collected from streams (Plates 3 and 4).

Soil samples were taken with a shovel at a depth of 20-25 cm, always below the organic horizon and presumably from the B-horizon, and put in a 3" x 5" Kraft paper bag. In the Cominco Laboratory (Vancouver) the soil and silt samples were dried and sieved to <80 mesh. The "fines" were digested with hot 20% nitric acid and the solution analyzed for Cu, Pb, and Zn by atomic absorption spectrometry. For Mo analyses, the <80 mesh fractions were digested with perchloric and nitric acids and determined by AA spectrometry. For W, the "fines" were fused with potassium parasulphate and the metallic element concentrations determined colourimetrically. Fluorine was analyzed by fusing the sample followed by specific ion electrode determination. Rubidium and Sr were measured by XRF spectrometery using pressed pellets. Rock samples were ground to <200 mesh and for Cu, Pb, and Zn determinations attacked by aqua regia and for the other elements by similar methods used for soils and silts. The rock sample concentrations were measured by the same analytical techniques used for the soil and silt samples.

In total, 192 soil (Appendix 2), 62 rock (Appendix 3), and 15 silt samples (Appendix 4) were taken. The different samples were analyzed for the following elements:

Soils: Cu, Pb, Zn, Mo, W

Rocks: Cu, Pb, Zn, Mo, W, F, Mn

Silts: Cu, Pb, Zn, Mo, W, F, Rb, Sr

Tables 2 and 3 summarize respectively the soil, rock, and silt geochemical results:

	Cu	Pb	Zn	Mo	W
Number of analyses	192	192	192	191	191
Highest value in ppm	132	96	124	123	3000
Lowest value in ppm	1	<4	<1	<2	<2
Arithmetic mean in ppm	14.5	11.8	20.8	6.7	19.5
Standard deviation in ppm	16.8	11.6	21.1	12.2	217.3

Table 1. Summary of soil geochemical analyses; all samples considered.

	Cu	Pb	Zn	Ag	Mo	W	F	Mn
Number of analyses	62	62	62	62	62	61	57	59
Highest value in ppm	1722	58	367	1.3	6800	420	420	1126
Lowest value in ppm	<1	<4	4	<.4	<2	<2	20	24
Arithmetic mean in ppm	73.1	6.2	38.1	.3	265.5	11.2	185.0	283.0
Standard deviation in ppm	271.0	9.4	51.5	0	1181.3	53.9	96.0	215.7

Table 2. Summary of rock geochemical analyses; all samples considered.

	Cu	Pb	Zn	Mo	W	F	Rb	Sr
Number of analyses	15	15	15	15	14	15	14	14
Highest value in ppm	82	64	139	48	50	1150	148	234
Lowest value in ppm	3	10	33	2	4	205	26	114
Arithmetic mean in ppm	17.7	34.2	66.5	14.1	11.4	531.1	76.1	185.4
Standard deviation in ppm	10.0	19.7	26.6	13.3	12.6	343.6	32.0	34.7

Table 3. Summary of silt geochemical analyses; all samples considered.

The high variance in the populations is caused by the presence of high individual values. To decrease the variance and obtain more realistic means, upper limits for the elements were chosen thus eliminating from the population the obviously-anomalous samples.

	Cu	Pb	Zn	Mo	W
Number of analyses	184	183	183	184	187
Highest value in ppm	45	34	60	24	27
Lowest value in ppm	1	<4	<1	<2	<2
Arithmetic mean in ppm	11.6	9.8	17.3	4.7	2.3
Standard deviation in ppm	7.2	5.6	13.3	4.6	2.9

Table 4. Summary of soil geochemical analyses. Samples equal or above the following values in ppm were omitted: Cu 48, Pb 35, Zn 63, Mo 31, and W 40.

	Cu	Pb	Zn	Ag	Mo	W	F	Mn
Number of analyses	59	58	60	62	52	55	53	55
Highest value in ppm	93	20	122	1.3	27	10	340	543
Lowest value in ppm	<1	<4	4	<.4	<2	<2	20	24
Arithmetic mean in ppm	22.2	3.9	29.8	.3	5.7	1.7	168.8	235.2
Standard deviation in ppm	20.9	3.6	18.6	0	5.2	1.7	77.6	114.4

Table 5. Summary of rock geochemical analyses. Samples equal or above the following values in ppm were omitted: Cu 175, Pb 25, Zn 141, Mo 30, W 20, F 377, Mn 715; Ag - all samples were included.

In order to recognize any present trend, values of the mean plus one standard deviation in soils (Cu, Mo, W, Pb, Zn) and rocks (Mn) were arbitrarily chosen to draw contour lines (Plates 4 and 5).

Plate 4 displays the contoured Mo, W, and Cu soil values. The 9 ppm molybdenum contour shows that all the "anomalous" samples were localized in one zone about 500 x 500 m, approximately centred on the legal corner post of the property. The molybdenum zone enclosed a 400 x 200 m >5 ppm tungsten area, which comprises all the "anomalous" tungsten values. On the contrary, the "anomalous" copper values are scattered, but for a small area about 500 x 100 m on the southwestern corner of the grid.

Plate 5 depicts the contoured Pb and Zn soil, and Mn rock values. The "anomalous" lead and manganese results do not show any trend. The >31 ppm Zn samples are mostly distributed around the molybdenum anomaly, suggesting a crude halo around it.

Soil samples taken along two lines on the northeastern part of the property, in the vicinity of a quartz porphyry stock, did not yield anomalous samples, thus strongly suggesting lack of mineralization around the intrusion.

The molybdenum anolaly found by the Cominco survey confirmed the presence of the reported anomaly that led to the staking of the property. The area is underlain by metamorphosed sediments and basic volcanics, exhibiting scarce quartz and aplitic veining and practically no hydrothermal alteration.

Report by: Juan C. Caelles
J.C. Caelles
Project Geologist

Endorsed by: D.L. Cooke
D.L. Cooke
Senior Geologist

Approved for
Release by: W. J. Meloche for
G. Harden, Manager
Exploration,
Western District

JCC/skg
Distribution

Mining Recorder (2)
Administration (1)
JCC/DLC (2)

IN THE MATTER OF THE B.C. MINERAL ACT

AND IN THE MATTER OF A GEOLOGICAL AND GEOCHEMICAL PROGRAM

CARRIED OUT ON MINERAL CLAIM BALDY #1, #2, #3, AND #4 (49 UNITS)

ON THE BALDY PROPERTY

LOCATED 19 KM DUE SOUTH OF CLEARWATER IN THE KAMLOOPS MINING DIVISION

OF THE PROVINCE OF BRITISH COLUMBIA MORE PARTICULARLY

NTS: 92P/8E

A F F I D A V I T

I, Juan C. Caelles, of the City of Vancouver in the Province of British Columbia, make oath and say:-

1. THAT I am employed as a geologist by Cominco Ltd. and, as such, have a personal knowledge of the facts to which I hereinafter depose;

2. THAT annexed hereto and marked as "Exhibit A" to this my affidavit is a true copy of expenditures incurred on a geological mapping and geochemical survey on the mineral claims BALDY #1-BALDY #4;

3. THAT the said expenditures were incurred during the periods between July 1 to 3, July 23 to 29, and August 12 to 13, 1981 for the purpose of the mineral exploration on the above noted claims.

Signed: Juan C. Caelles

Juan C. Caelles

13 May 1981

EXHIBIT "A"

GEOLOGICAL AND GEOCHEMICAL SURVEY COSTS

BALDY CLAIMS

SALARIES

J.C. Caelles, geologist	8 days field, 1 day office July 24,25,26,27,28,29, Aug. 12,13	
P.D. Leriche, geologist	7 days field July 23,24,25,26,27,28,29	
I.G. Mitchell, sampler	8 days field July 24,25,26,27,28,29, Aug. 12,13	
R.J. Eyre, sampler	10 days field, 2 days office July 1,2,3,23,24,25,26,27,28,29, Aug. 27,28	
E.J. Marcinew, sampler	3 days field July 1,2,3	
		$ 3,926.15

BOARD

36 man days @ $15.00/day	540.00

COMINCO LABORATORY

121 silts @ $ 8.40 each	$ 1,016.40	
71 silts @ $ 7.75 each	550.25	
62 rocks @ $14.10 each	874.20	
14 thin sections @ 6.50 each	91.00	2,531.85

TRANSPORTATION

Truck rental (18 days x $26.00)	468.00

MOBILIZATION AND DEMOBILIZATION

2 days wages - everbody	$ 986.74	
10 days board @ $15.00/day	150.00	
6 days truck rental($26.00/day)	156.00	
Gasoline	150.00	1,442.74
	TOTAL:	$ 8,908.74

COMINCO LTD.

EXPLORATION WESTERN DISTRICT

STATEMENT OF QUALIFICATIONS

A P P E N D I X II

I, JUAN C. CAELLES, OF THE CITY OF VANCOUVER, IN THE PROVINCE OF BRITISH COLUMBIA, HEREBY CERTIFY:

1. THAT I am a geologist residing at 2930 West 33rd Avenue, Vancouver, British Columbia, with a business address at 409 Granville Street, Vancouver, British Columbia.

2. THAT I graduated with a B.Sc. in Geology from Universidad de Córdoba, Córdoba, Argentina in 1965 and with a PhD. in Geology from Queen's University, Kingston, Ontario in 1979.

3. THAT I have practised Geology with Sherritt Gordon Mines from 1968 to 1969 and with Cominco from 1974 to present.

DATED THIS 14 DAY OF MAY 1981 AT VANCOUVER, BRITISH COLUMBIA.

Signed: Juan C. Caelles
J.C. CAELLES, Ph.D.

APPENDIX I. Summary of petrographic observations

Laboratory No.	Field No.	Rock Type	Mineral composition	Alteration
R8014500	BCR-1	m.g., equigranular andesite	Amphibole:(trem- actin): 45-50% Plag: 50-55% Opaques: 2-3%	Plag has abundant neddles of angular extinction(tourmaline?) about 7% of plag. Rock is fresh
R8014501	BCR-6	porphyritic, m-c.g., quartz monzonite	K-feld: 35-40%; perthitic,phenocrysts up to 5-7 mm Plag: 35-40% Qtz: 20-25% Bio: ≤1%	Weak kaolinization (weathering) of plag. and K-feld
R8014502	BCR-10	porphyritic, f.g. basalt	Amphibole:(trem- actin): 50-60%; relics of pyroxene Plag: 40-50% Opaques: 1-2% Tourmaline(?): 2-3%; needles in plag.	Incipient chloritization of amphibole.
R8014503	BCR-13	equigranular, c.g. quartz monzonite	K-feld: 40-45% Plag: 35-40% Qtz.: 20-25% Bio.: <1%	Two veins in thin section of mainly pyroxene needles (~32° extinction) Fresh
R8014504	BCR-14	equigranular, c.g. quartz monzonite	K-feld: 40-45% Plag.: 35-40% Qtz.: 20-25% Bio.: <1%	Fresh
R8014505	BCR-17	f. to m.g. basalt	Anthophyllite: 40%, not pleochroic, parallel extinction Plag: 60%	Very fresh
R8014506	BCR-19	metapelite(rhyolite dyke?)	Qtz.: 85-90% Plag: ~10% Musc(seric):5-7%	Muscovite occurs as replacement of plag. and as hypidiomorphic mineral

APPENDIX I con't.

Laboratory No.	Field No.	Rock Type	Mineral Composition	Alteration
R8016713	BCR-25	quartzite with quartz veinlets	Quartz veinlets contain coarser quartz than quartz clasts	Qtz. veining
R8016714	BCR-26	porphyritic, f.g. andesite	Phenocrysts:(up to 5 mm): 20-25% Matrix: 75-80% (trem-actin, ~50%; plag ~50%)	Some relics of pyroxene in amphibole
R8016715	BCR-28	porphyritic, c.g. quartz monzonite	Phenocrysts: 10-15% (qtz. ~70-80%; (up to ~8mm) K-feld ~10%, plag ~10%) Matrix: 85-90% (qtz. ~35-40%, K-feld ~30-40%, plag ~30-40%, (f.g.) sericite ~5-7%)	Sericitization of plag.
R8016416	BCR-29	porphyritic andesite	Trem-actin : 50% Plag.: 50%	Very fresh
R8016417	BCR-30	porphyritic basalt	Phenocrysts: 20-30% (hornblende ~70%, plag ~25%, opaques ~5%) Matrix: 70-80% (plag ~80%, hb ~20%)	Fresh
R8016417	BCR-31	porphyritic dacite (weak foliation or flow bandingin biotite and plag. crystals)	Phenocrysts: 15-20% (qtz ~40-50%, plag ~30-40%, K-feld ~20-25%) Matrix: 80-85% (qtz, plag, K-feld(?), (f.g.) bio)	Fresh

APPENDIX II. Geochemical analyses of soil samples

BALDY PROPERTY GEOCHEMICAL ANALYSES

MT. BALDY SOIL SAMPLES

Map No.	Grid Co-ordinates N/S	E/W	Cu	Pb	Zn	Mo	W
B-180	0+0 N	6+00 W	62	26	85	9	45
B-179	0+0 N	5+50 W	13	9	20	3	3
B-178	0+0 N	5+00 W	16	8	21	<2	10
B-177	0+0 N	4+50 W	45	15	20	6	4
B-176	0+0 N	4+00 W	14	14	14	11	<2
B-1	0+0 N	3+50 W	98	41	124	42	3
B-2	0+0 N	2+50 W	32	13	13	7	<2
B-3	0+0 N	2+00 W	30	8	8	21	4
B-4	0+0 N	1+50 W	15	11	10	16	2
B-5	0+0 N	1+00 W	18	10	13	45	<2
B-6	0+0 N	0+50 W	16	34	16	24	40
B-7	0+0 N	0+0	5	<4	3	5	<2
B-8	0+0 N	0+50 E	4	7	11	11	c200
B-9	0+0 N	1+00 E	15	8	32	34	8
B-10	0+0 N	1+50 E	2	5	1	4	<2
B-11	0+0 N	2+00 E	12	17	28	7	27
B-12	0+0 N	2+50 E	2	14	5	5	4
B-13	0+0 N	3+00 E	3	7	5	4	<2
B-14	0+0 N	3+50 E	8	6	8	11	<2
B-15	0+0 N	4+00 E	4	5	7	4	8
B-16	0+0 N	4+50 E	4	6	6	2	3
B-17	0+0 N	5+00 E	12	10	13	2	<2
B-18	0+0 N	5+50 E	1	4	3	2	2
B-19	0+0 N	6+00 E	9	12	26	4	<2
B-20	0+0 N	6+50 E	8	8	14	3	<2
B-21	0+0 N	7+50 E	4	19	11	2	3
B-22	0+0 N	8+00 E	7	6	5	2	<2
B-23	0+0 N	8+50 E	8	8	22	4	2
B-24	0+0 N	9+00 E	6	5	8	3	<2
B-25	0+0 N	9+50 E	7	12	55	2	5
B-26	0+0 N	10+00 E	8	4	7	2	2
B-34	3+00 N	0+0	3	<4	3	5	<2
B-35	2+50 N	0+0	9	5	18	8	
B-36	2+00 N	0+0	3	5	3	16	
B-37	1+50 N	0+0					
B-38	1+00 N	0+0	49	4	93	123	E3000
B-39	0+50 S	0+0	24	36	39	47	12
B-40	1+00 S	0+0	7	8	5	10	6
B-41	1+50 S	0+0	16	27	10	20	4
B-42	2+00 S	0+0	8	7	7	11	<2
B-43	2+50 S	0+0	12	9	11	13	2
B-44	3+00 S	0+0	20	4	14	9	5
B-123	4+00 S	0+0	20	12	28	I	<2
B-124	7+00 S	0+0	12	27	8	2	<2
B-125	7+50 S	0+0	7	8	14	3	<2
B-126	8+00 S	0+0	6	38	115	4	<2
B-127	8+50 S	0+0	5	4	24	2	<2
B-128	9+00 S	0+0	15	22	43	2	<2
B-129	9+50 S	0+0	9	7	14	2	2
B-130	10+00 S	0+0	14	9	14	11	<2
B-140	8+00 S	0+50 W	9	7	17	2	<2
B-141	8+00 S	1+00 W	6	5	10	<2	<2
B-142	8+00 S	1+50 W	34	18	49	2	<2

APPENDIX II con't.

BALDY PROPERTY GEOCHEMICAL ANALYSES

MT. BALDY SOIL SAMPLES

Map No.	N/S Grid Co-ordinates	E/W Grid Co-ordinates	Cu	Pb	Zn	Mo	W
B-156	10+00 S	2+00 W	22	10	35	3	<2
B-155	9+50 S	2+00 W	13	7	14	2	<2
B-154	9+00 S	2+00 W	17	6	30	3	<2
B-153	8+50 S	2+00 W	16	7	19	3	<2
B-143	8+00 S	2+00 W	15	10	22	4	<2
B-144	7+50 S	2+00 W	19	16	27	2	<2
B-145	7+00 S	2+00 W	25	19	50	3	4
B-146	6+50 S	2+00 W	28	11	49	5	<2
B-147	6+00 S	2+00 W	9	7	10	4	<2
B-148	5+50 S	2+00 W	11	8	7	3	<2
B-149	5+00 S	2+00 W	13	7	7	<2	<2
B-150	4+50 S	2+00 W	13	7	6	<2	<2
B-151	4+00 S	2+00 W	8	8	8	<2	<2
B-152	3+50 S	2+00 W	9	7	6	6	<2
B-27	1+50 S	2+00 W	132	18	94	59	5
B-28	1+00 S	2+00 W	91	11	92	70	6
B-29	0+50 S	2+00 W	14	7	5	11	<2
B-30	0+50 N	2+00 W	3	<4	2	5	<2
B-31	1+00 N	2+00 W	6	<4	2	<2	<2
B-32	1+50 N	2+00 W	21	8	7	12	<2
B-33	2+00 N	2+00 W	18	8	11	11	4
B-80	0+50 S	4+50 W	12	10	8	<2	<2
B-81	1+00 S	4+50 W	11	7	7	2	4
B-82	1+50 S	4+50 W	18	7	8	2	<2
B-83	2+00 S	4+50 W	23	5	31	19	<2
B-84	2+50 S	4+50 W	10	8	13	2	<2
B-85	3+00 S	4+50 W	18	96	25	5	<2
B-86	3+50 S	4+50 W	19	14	13	5	<2
B-87	4+00 S	4+50 W	15	15	24	3	2
B-88	4+50 S	4+50 W	10	9	8	3	<2
B-89	5+00 S	4+50 W	12	8	12	4	<2
B-90	5+50 S	4+50 W	11	14	10	3	<2
B-91	6+00 S	4+50 W	14	11	15	<2	<2
B-92	6+50 S	4+50 W	10	9	16	3	4
B-93	7+00 S	4+50 W	26	13	48	<2	3
B-94	7+50 S	4+50 W	26	14	53	<2	8
B-95	8+00 S	4+50 W	9	7	6	2	<2
B-96	8+50 S	4+50 W	8	8	1	3	<2
B-97	9+00 S	4+50 W	7	22	8	<2	<2
B-98	9+50 S	4+50 W	6	15	6	<2	<2
B-99	10+00 S	4+50 W	9	8	6	2	<2
B-100	10+50 S	4+50 W	12	5	2	<2	<2
B-101	0+50 S	6+00 W	10	6	<1	2	4
B-102	1+00 S	6+00 W	5	4	<1	3	<2
B-103	1+50 S	6+00 W	11	8	3	3	<2
B-104	2+00 S	6+00 W	23	13	25	3	<2
B-105	2+50 S	6+00 W	9	6	6	2	<2
B-106	3+00 S	6+00 W	18	8	19	<2	2
B-107	3+50 S	6+00 W	106	17	26	2	<2
B-108	4+00 S	6+00 W	27	12	55	2	4
B-109	4+50 S	6+00 W	5	4	8	2	<2
B-110	5+00 S	6+00 W	7	7	12	3	<2
B-111	5+50 S	6+00 W	15	9	44	3	4
B-112	6+00 S	6+00 W	20	9	39	<2	2
B-113	6+50 S	6+00 W	12	9	38	<2	5
B-114	7+00 S	6+00 W	15	11	20	5	5

APPENDIX II con't.

BALDY PROPERTY GEOCHEMICAL ANALYSES

MT. BALDY SOIL SAMPLES

Map No.	N/S Grid Co-ordinates	E/W Grid Co-ordinates	Cu	Pb	Zn	Mo	W
B-115	7+50 S	6+00 W	17	10	46	2	6
B-116	8+00 S	6+00 W	25	9	43	2	2
B-117	8+50 S	6+00 W	38	10	40	4	4
B-118	9+00 S	6+00 W	13	7	9	2	<2
B-119	9+50 S	6+00 W	4	7	11	8	2
B-120	10+00 S	6+00 W	16	9	39	7	<2
B-121	10+50 S	6+00 W	12	6	12	<2	2
B-122	11+00 S	6+00 W	11	7	16	4	<2
B-131	8+00 S	0+50 E	9	6	11	<2	<2
B-132	8+00 S	1+00 E	13	8	30	2	<2
B-133	8+00 S	1+50 E	11	7	19	2	<2
B-157	8+50 S	1+50 E	12	8	28	4	<2
B-158	9+00 S	1+50 E	28	6	83	4	<2
B-159	9+50 S	1+50 E	7	5	8	2	<2
B-160	10+00 S	1+50 E	4	4	9	3	<2
B-134	8+00 S	2+00 E	9	17	26	<2	<2
B-45	2+50 S	2+00 E	32	55	77	17	<2
B-46	2+00 S	2+00 E	2	34	13	2	<2
B-47	1+50 S	2+00 E	2	9	5	3	<2
B-48	1+00 S	2+00 E	4	22	16	5	<2
B-49	0+50 S	2+00 E	4	12	6	4	<2
B-50	0+50 N	2+00 E	31	4	51	20	<2
B-51	1+00 N	2+00 E	8	20	17	6	<2
B-52	1+50 N	2+00 E	12	12	8	4	<2
B-53	2+00 N	2+00 E	3	<4	4	3	<2
B-54	2+50 N	2+00 E	6	14	20	9	7
B-55	3+00 N	2+00 E	2	5	4	4	<2
B-161	7+50 S	2+50 E	55	10	68	2	2
B-162	7+00 S	2+50 E	11	5	9	11	<2
B-163	6+50 S	2+50 E	16	15	43	2	<2
B-164	6+00 S	2+50 E	10	5	4	<2	<2
B-165	5+50 S	2+50 E	4	6	5	<2	<2
B-166	5+00 S	2+50 E	58	35	21	<2	<2
B-135	8+00 S	2+50 E	5	7	12	2	<2
B-167	8+50 S	2+50 E	7	6	5	10	<2
B-168	9+00 S	2+50 E	3	5	4	2	<2
B-136	8+00 S	3+00 E	18	12	10	4	<2
B-56	1+50 N	3+50 E	9	21	27	16	4
B-57	1+00 N	3+50 E	6	28	12	2	2
B-58	0+50 N	3+50 E	5	49	13	4	2
B-59	0+50 S	3+50 E	5	14	20	16	<2
B-60	1+00 S	3+50 E	11	12	12	10	2
B-61	1+50 S	3+50 E	7	5	7	6	<2
B-62	2+00 S	3+50 E	10	14	29	5	4
B-137	8+00 S	3+50 E	9	7	14	<2	<2
B-175	5+50 S	4+50 E	7	39	48	4	2
B-174	6+00 S	4+50 E	5	20	28	4	4
B-173	6+50 S	4+50 E	6	7	9	3	3
B-172	7+00 S	4+50 E	8	10	11	<2	<2
B-171	7+50 S	4+50 E	6	8	18	2	<2
B-139	8+00 S	4+50 E	6	12	20	2	<2
B-169	8+50 S	4+50 E	9	8	12	3	<2
B-170	9+00 S	4+50 E	11	19	56	3	<2

APPENDIX II con't.

BALDY PROPERTY GEOCHEMICAL ANALYSES

MT. BALDY SOIL SAMPLES

Map No.	N/S Grid Co-ordinates	E/W Grid Co-ordinates	Cu	Pb	Zn	Mo	W
B-63	2+00 S	6+00 E	8	12	28	3	<2
B-64	1+50 S	6+00 E	7	<4	7	4	<2
B-65	1+00 S	6+00 E	5	8	4	5	<2
B-66	0+50 S	6+00 E	5	9	7	5	<2
B-67	0+50 N	6+00 E	7	11	31	3	3
B-68	2+50 N	7+50 E	10	7	10	6	<2
B-69	2+00 N	7+50 E	5	10	22	8	<2
B-70	1+50 N	7+50 E	7	4	4	<2	<2
B-71	1+00 N	7+50 E	6	11	12	2	<2
B-72	0+50 N	7+50 E	10	28	41	9	2
BCS-32			20	81	60	5	4
BCS-33			10	13	26	2	2
BCS-34			6	<4	10	2	2
BCS-35			17	6	16	3	2
BCS-36			11	5	32	4	3
BCS-37			15	6	21	14	4
BCS-38			10	4	5	5	3
BCS-39			7	<4	10	7	6
BCS-40			10	<4	6	7	3
BCS-41			8	6	9	6	2
BCS-42			12	7	15	5	5
BCS-43			16	8	14	5	2
BCS-44			11	4	10	3	2
BCS-45			9	<4	8	4	2
BCS-46			10	4	20	3	2
BCS-47			11	9	33	4	2
BCS-48			11	17	30	3	
BCS-49			5	14	8	2	2
BCS-50			6	15	5	3	2

APPENDIX III. Geochemical analyses of rock samples

BALDY PROPERTY GEOCHEMICAL ANALYSES

MT. BALDY ROCK SAMPLES

Map No.	Grid Co-ordinates Northing	Grid Co-ordinates Easting	Cu	Pb	Zn	Ag
BR-1	8+00 S	6+00 W	82	<4	36	<.4
BR-2	3+00 S	0+00	8	<4	28	<.4
BR-3	3+50 S	0+00	10	<4	33	<.4
BR-4	4+00 S	0+00	22	<4	27	<.4
BR-5	4+50 S	0+00	11	<4	23	<.4
BR-6	5+00 S	0+00	8	<4	28	<.4
BR-7	5+50 S	0+00	13	<4	34	<.4
BR-8	6+00 S	0+00	20	<4	46	<.4
BR-9	6+50 S	0+00	40	<4	44	<.4
BR-10	9+00 S	0+00	46	<4	51	<.4
BR-11	8+00 S	2+00 E	31	13	34	.4
BR-12	8+00 S	4+00 E	4	4	13	<.4
BR-13	6+00 S	2+00 W	42	4	47	<.4
BR-14	7+50 S	1+50 E	24	<4	25	<.4
BR-15	9+00 S	1+50 E	15	<4	18	<.4
BR-16	9+50 S	1+50 E	5	5	13	<.4
BR-17	10+00 S	1+50 E	7	4	8	<.4
BR-18	7+50 S	2+50 E	48	<4	57	<.4
BR-19	5+50 S	2+50 E	32	32	32	<.4
BR-20	8+50 S	2+50 E	5	<4	15	<.4
BR-21	9+00 S	2+50 E	8	<4	12	<.4
BR-23	2+50 S	0+00	20	5	13	<.4
BR-24	2+00 S	0+00	18	4	32	<.4
BR-25	1+50 S	0+00	21	<4	37	<.4
BR-26	1+00 S	0+00	13	11	19	<.4
BR-27	0+50 S	0+00	56	<4	22	<.4
BR-28	0+0 N	0+00	35	<4	24	<.4
BR-29	1+50 S	2+00 W	175	31	367	.5
BR-30	1+00 S	2+00 W	93	4	62	.4
BR-31	0+50 S	2+00 W	20	<4	25	<.4
BR-32	0+0 N	2+00 W	47	12	122	<.4
BR-33	0+50 N	2+00 W	86	<4	78	<.4
BR-34	1+00 N	2+00 W	24	4	41	<.4
BR-35	1+50 N	2+00 W	60	<4	37	<.4
BR-36	2+00 N	2+00 W	14	<4	29	<.4
BR-37	2+50 N	2+00 W	30	<4	44	<.4
BR-38	3+00 N	0+00	13	4	42	<.4
BR-39	2+50 N	0+00	13	<4	22	<.4
BR-40	2+00 N	0+00	6	<4	22	<.4
BR-41	1+50 N	0+00	13	<4	33	<.4
BR-42	1+00 N	0+00	43	<4	57	<.4
BR-43	0+0 N	2+00 E	7	35	32	.7
BR-44	0+50 S	2+00 E	7	7	17	<.4
BR-45	1+00 S	2+00 E	6	5	14	<.4
BR-46	1+50 S	2+00 E	4	4	23	<.4
BR-47	2+00 S	2+00 E	9	5	22	<.4
BR-48	2+50 S	2+00 E	6	<4	18	<.4
BR-49	3+00 S	2+00 E	20	<4	20	<.4
BR-50	3+50 S	2+00 E	16	<4	36	<.4

APPENDIX III con't.

BALDY PROPERTY GEOCHEMICAL ANALYSES

MT. BALDY ROCK SAMPLES

Map No.	Cu	Pb	Zn	Ag	Mo	W	Au	F	Mn
BCR-2	9	6	9	<.4	10	2			109
BCR-4	9	5	26	<.4	5	30			316
BCR-5	5	20	11	<.4	e2900	20			154
BCR-11	4	<4	20	<.4	7	<2		62	252
BCR-12	37	<4	28	<.4	44		<10		543
BCR-15	5	<4	8	<.4	2	<2		215	140
BCR-16	11	<4	4	<.4	6800e	45		70	24
BCR-18	1722	<4	207		15900e	<2		216	374
BCR-20	20	5	39	<.4	42	<2		210	130
BCR-23	1320	<4	32	1.3	27	50	<10		536
BCR-24	23	16	23		5	3		225	
BCR-27	<1	7	11		7	10		300	
BCR-51	4	58	11		<2	4		165	

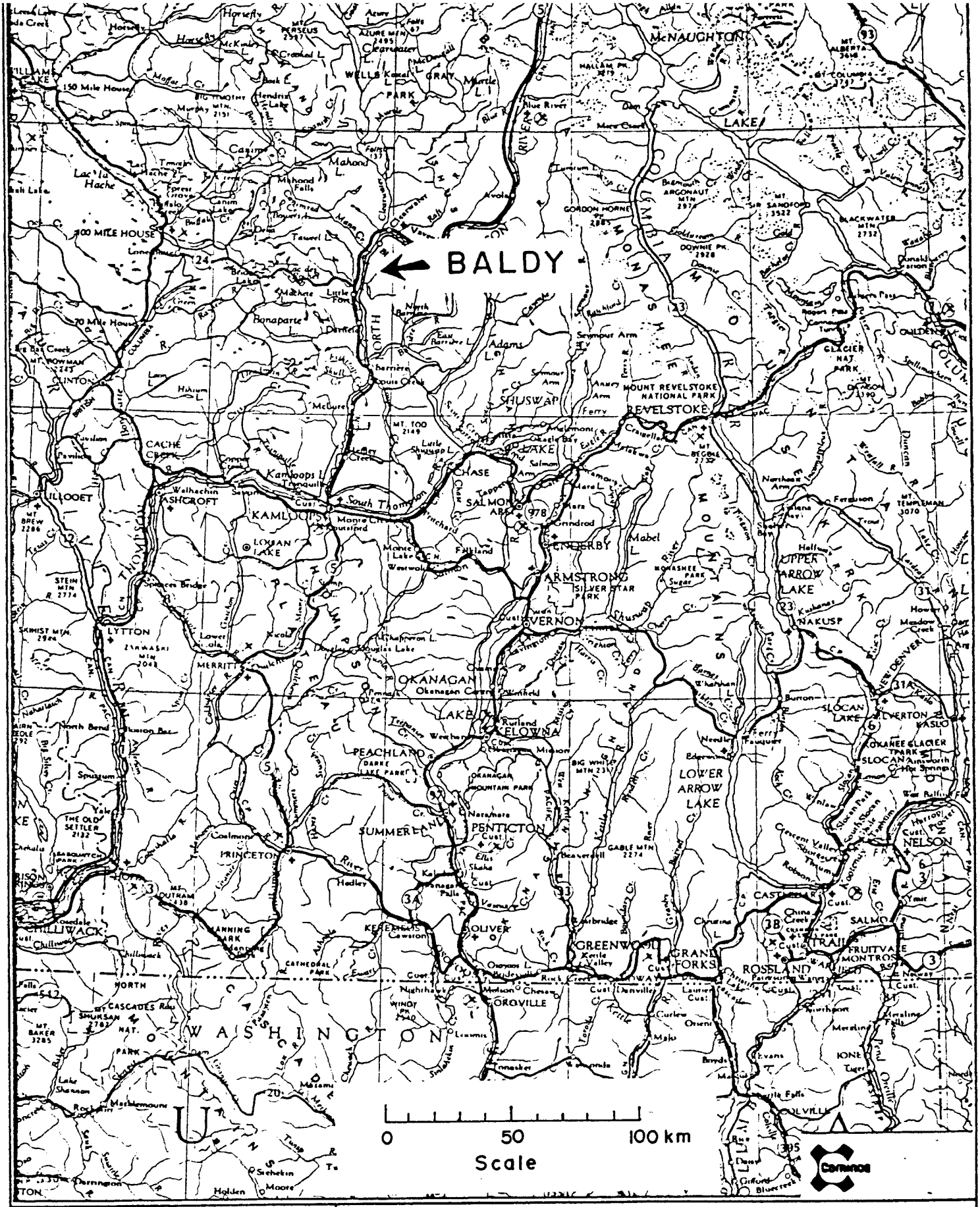
APPENDIX IV. Geochemical analyses of silt samples

BALDY PROPERTY GEOCHEMICAL ANALYSES

MT. BALDY SILT SAMPLES

Map No.	Cu	Pb	Zn	Ag	Mn	Au	Mo	W	F	Rb	Sr	As
A-1	7	42	57				8	6	400	73	221	
A-2	25	49	74				35	10	295	105	169	
A-3	7	27	39				12	5	400	60	183	
A-4	16	73	86				9	7	415	94	182	
A-5	8	28	33				10	4	400	73	203	
A-6	8	12	33				6	4	272	54	222	
A-7	10	50	63				17	4	207	52	210	
A-8	31	64	71				6	6	400	100	163	
A-9	20	50	62				30	17	282	26	234	
A-10	82	36	139				48	25	205	34	216	
BCS-7	3	18	55	<.4		I*	6	4	1000	148	176	I*
BCS-8	3	14	66	<.4		I*	2	8	1150			5
BCS-9	4	18	82	<.4		<10	5	9	1050	103	166	4
BCS-21	28	10	87	<.4		1100	15	50	960	74	136	12
BCS-22	14	22	50	<.4		I*	3	I*	I*	70	114	7

I* = insufficient sample



Drawn by:		Traced by:		BALDY PROPERTY LOCATION MAP		
Revised by	Date	Revised by	Date			
				Scale: 1:2,000,000	Date: February 1981	Plate 1

BALDY 1

BALDY 2

BALDY 3

BALDY 4

400 W

0 E

400 E

800 E

400 N

0 N

400 S

800 S

1200 S

9 Mo

19 Cu

INSERT (SEE PLATE 2 FOR LOCATION)

LEGEND

Soil Sample: Cu Mo W in ppm

Rock Sample: Cu Mo W in ppm

Soil / Rock: Cu Mo W in ppm

Silt Sample: Cu Mo W in ppm

0 100 200 m

MINERAL RESOURCES ASSESSMENT REPORT

9156

BALDY PROPERTY 92P/8

GEOCHEMICAL SURVEY
Cu, Mo, W

Drawn by: | Traced by: | Revised by | Date

Scale: 1:2,500 | Date: October 1980 | Plate: 4

FORM 210 - 0680

BALDY 1

BALDY 2

BALDY 3

BALDY 4

400 W

0 E

400 E

800 E

400 N

0 N

400 S

800 S

1200 S

350 Mn

31 Zn

15 Pb

INSERT (SEE PLATE 2 FOR LOCATION)

LEGEND

Soil Sample: Pb / Zn in ppm

Rock Sample: Pb / Zn / Mn in ppm

Soil: Pb / Zn

Rock: Pb / Zn / Mn in ppm

Silt Sample: Pb / Zn in ppm

0 100 200m

MINERAL RESOURCES BRANCH ASSESSMENT REPORT

9156

BALDY PROPERTY

92P/8

GEOCHEMICAL SURVEY

Pb, Zn, Mn

Drawn by:

Traced by:

Revised by: Date

Scale: 1:2,500

Date: October 1980

Plate: 5

FORM 213 - 0680

BALDY 1

BALDY 2

BALDY 3

BALDY 4

FIRE LOOKOUT TOWER

LEGEND

● B144	Soil Sample
○ BR35	Rock Sample
■ A-10	Silt Sample
● BCS-46 (10/4/20/3/2)	Cu/Pb/Zn/Mo/W in ppm

0 200 400 m

MINERAL RESOURCES ASSESSMENT REPORT

NO. 9156

BALDY PROPERTY

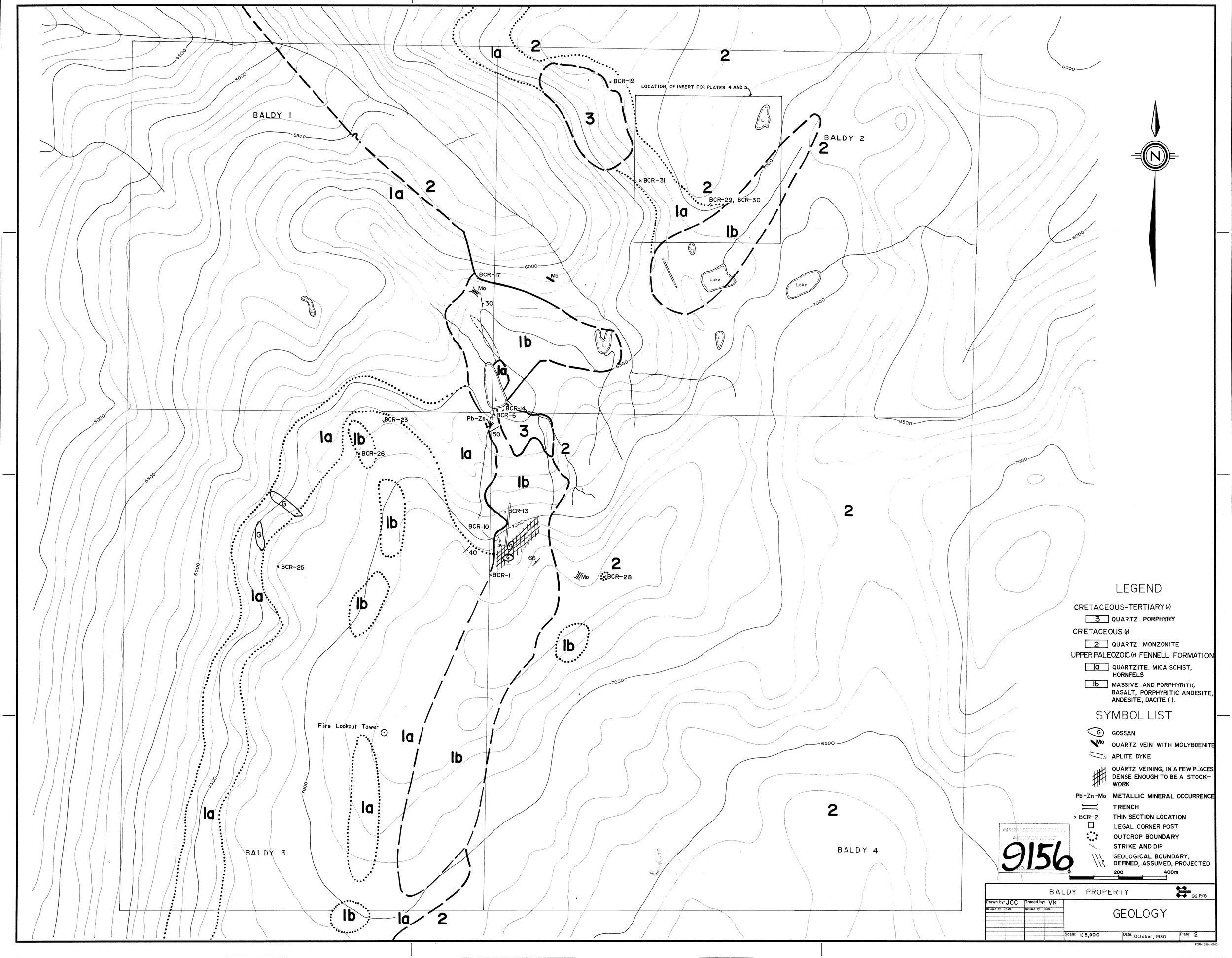
92P/8

Drawn by: JCC	Traced by:
Revised by / Date	Revised by / Date

GEOCHEMICAL SAMPLE LOCATIONS

Scale: 1:5000 | Date: October 1980 | Plate: 3

FORM 210-0680



LEGEND

CRETACEOUS-TERTIARY (?)

3 QUARTZ PORPHYRY

CRETACEOUS (?)

2 QUARTZ MONZONITE

UPPER PALEOZOIC (?) FENNELL FORMATION

1a QUARTZITE, MICA SCHIST, HORNFELS

1b MASSIVE AND PORPHYRITIC BASALT, PORPHYRITIC ANDESITE, ANDESITE, DACITE ().

SYMBOL LIST

G GOSSAN

Mo QUARTZ VEIN WITH MOLYBDENITE

APLITE DYKE

QUARTZ VEINING, IN A FEW PLACES DENSE ENOUGH TO BE A STOCK-WORK

Pb-Zn-Mo METALLIC MINERAL OCCURRENCE

TRENCH

× BCR-2 THIN SECTION LOCATION

LEGAL CORNER POST

OUTCROP BOUNDARY

STRIKE AND DIP

GEOLOGICAL BOUNDARY, DEFINED, ASSUMED, PROJECTED

MINERAL RESOURCES BRANCH ASSESSMENT REPORT 9156

0 200 400m

BALDY PROPERTY

92 P/8

Drawn by: JCC | Traced by: VK

Revised by	Date	Revised by	Date

GEOLOGY

Scale: 1:5,000 | Date: October, 1980 | Plate: 2

FORM 210-0680