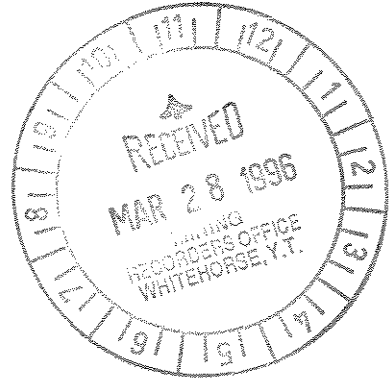


COMINCO LTD.

EXPLORATION

WESTERN CANADA

NTS: 115 J/9,10



ASSESSMENT REPORT

SOIL SAMPLING AND GEOLOGICAL MAPPING

ON THE BATTLE CREEK PROPERTY

WHITEHORSE MINING DISTRICT

LATITUDE: $62^{\circ} 40' N$

LONGITUDE: $138^{\circ} 30' W$

TIME PERIOD: JUNE 12, 1995

MARCH 1996

DARIN WAGNER

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COMINCO LTD.

EXPLORATION

WESTERN DISTRICT

ASSESSMENT REPORT

GEOLOGICAL MAPPING AND SOIL SAMPLING

BATTLE CREEK PROPERTY

I. INTRODUCTION

On June 12, 1995 Cominco geologist Darin Wagner and three temporary assistants conducted a geological mapping and contour soil sampling program on the Battle Creek property. Previous exploration on the property had indicated the presence of low-grade porphyry-style Cu-Mo-Au mineralization associated with an area of complex intrusive activity. The 1995 program was undertaken to determine if the known mineralization on the property extended into an area of heavy overburden at the headwaters of Rude Creek.

II. LOCATION AND ACCESS

The Battle Creek property is located approximately 110 km northwest of Carmacks, Yukon (Fig. 1) at an elevation between 4500 and 5000 feet. The property straddles the headwaters of Battle Creek to the east and Rude Creek to the west (Fig. 2). The property sits above treeline on the northwest flank of Mount Cockfield.

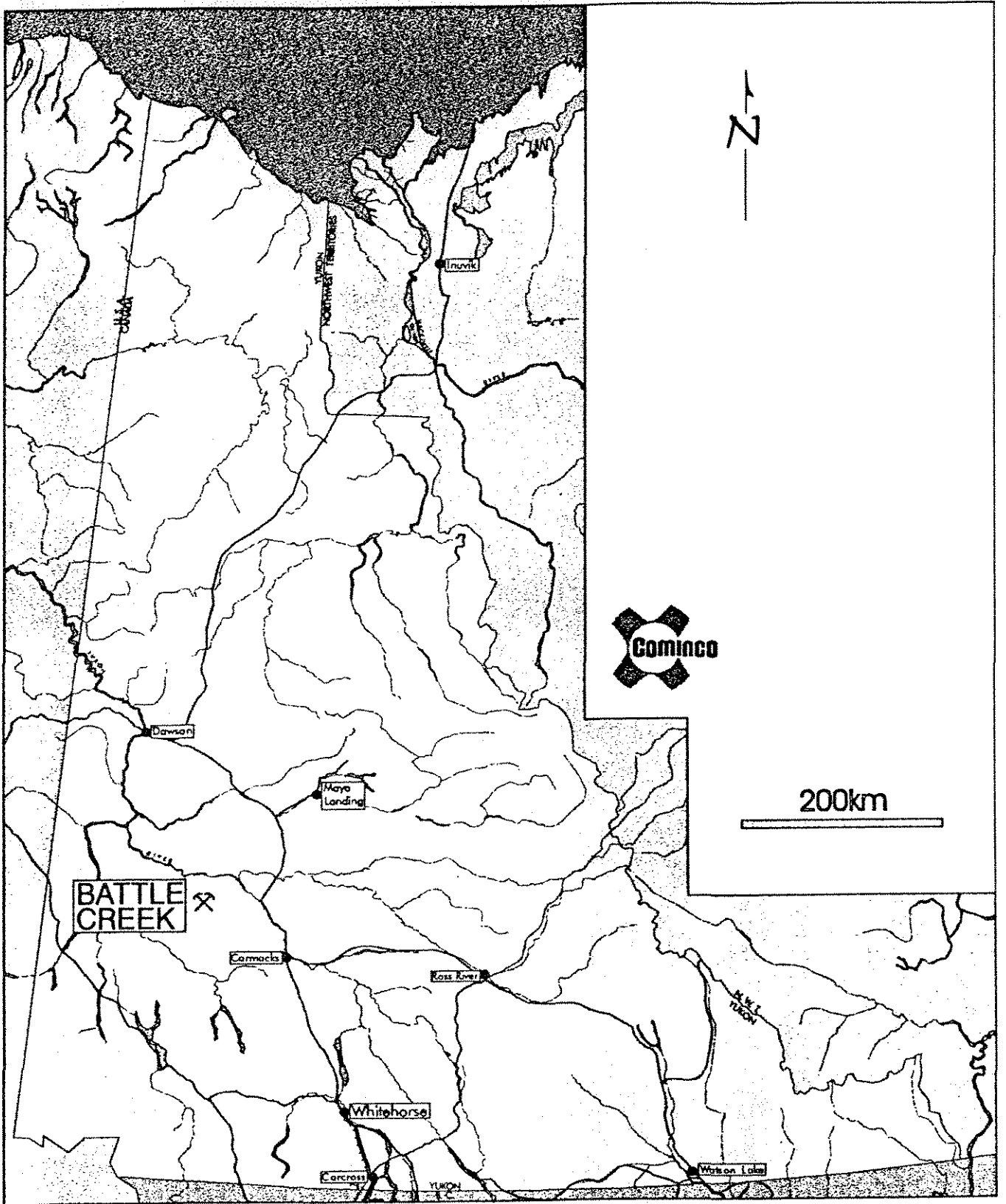
The principal access to the property is via helicopter from Carmacks. Alternate access is provided by a fixed-wing airstrip at the Rude Creek placer mining operations approximately 3 kilometres west of the property and from there by a cat road of 1970's vintage. The Rude Creek placer operation is also accessible via winter road from the Yukon River down Casino Creek.

III. TENURE

The Battle Creek property consists of 81 contiguous claims units (Battle 1-81; Tag Numbers YB57561-YB57641; Figure 2A) 100% owned by Cominco. The property was staked/recorded in June 1995.

IV. EXPLORATION HISTORY

Originally staked in 1966 as the Ray claims by Nordex Exploration the Battle Creek/Mt. Cockfield area has been the focus of several phases of exploration, mainly between 1969 and 1980. Work included efforts by Newmont (1969), Archer Cathro (1976), United Keno Hill (1979), Denison (1980), Kerr Addison (1983) and Walhalla Explorations (1990) (Figure 3).

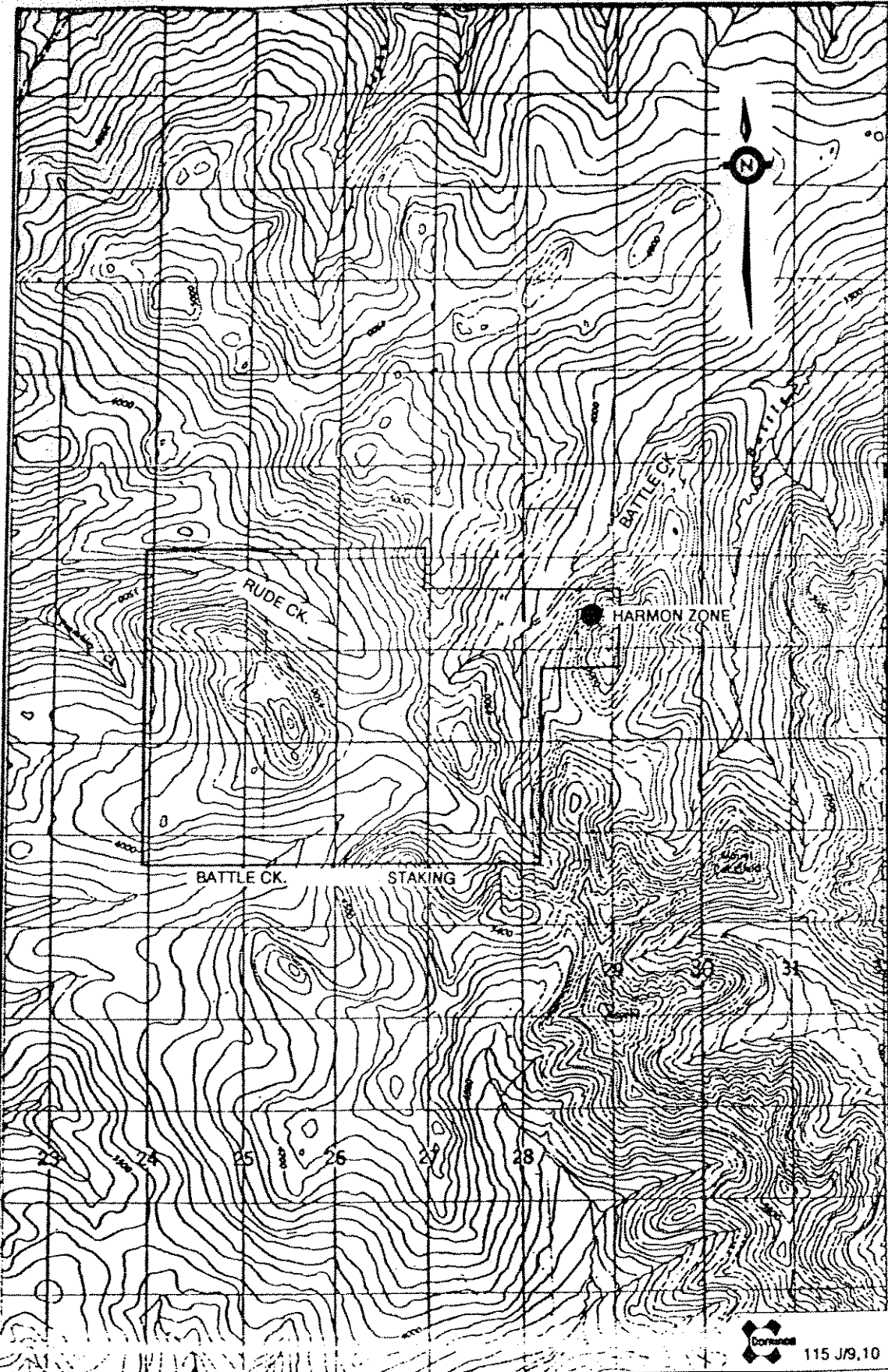


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Revised by:	Date:	Revised by:	Date:

BATTLE CREEK PROPERTY LOCATION MAP

115 J/9,10

Scale: As Shown	Date: Jan., 1996	Plate: 1
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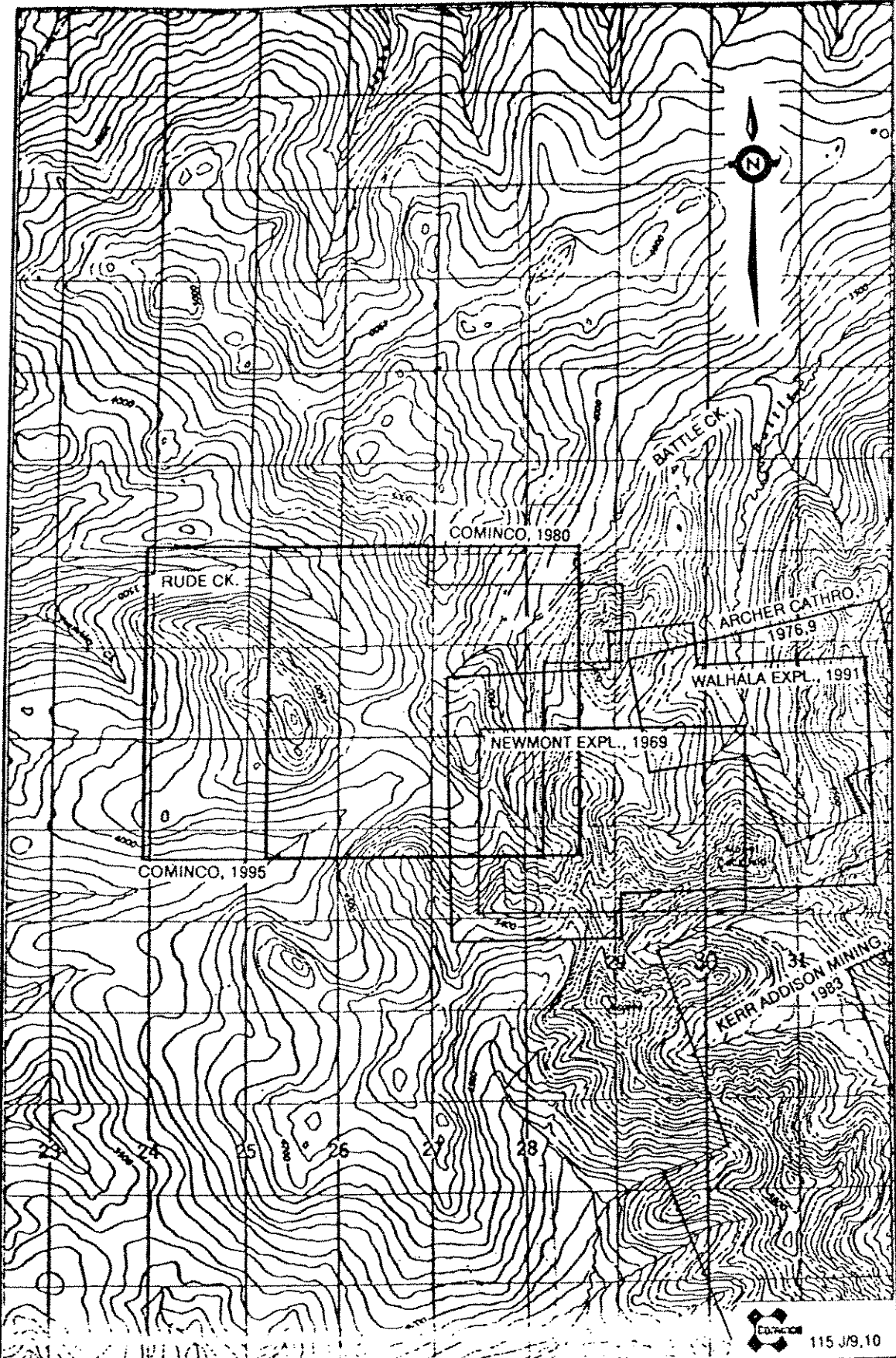



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Revised by	Date	Revised by	Date

BATTLE CREEK LOCATION MAP

Scale: 1:50,000 Date: Plate: 2



 115 J/9,10

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

BATTLE CREEK AREAS OF PREVIOUS WORK

Scale: 1:50,000 Date: Plate: 3

The most significant of these was the program completed by United Keno Hill Exploration in 1979 which resulted in the drilling of six diamond drill holes, totaling 1397 metres, in the southeast corner of the current Battle Creek property. This drilling returned generally disappointing assays for copper, molybdenum and gold but did indicate the presence of a large porphyry-style hydrothermal system in the Battle Creek area.

V. 1995 EXPLORATION WORK

Due to timing constraints only a single day was spent on the Battle Creek property during 1995. A four man crew working out of Dawson and utilizing a helicopter out of Stewart Crossing conducted a limited program of contour soil sampling and geological mapping. The goal of this program was to quickly evaluate the potential of a large overburden-covered area west of the majority of previous work on the property to host an enriched porphyry Cu-Au deposit similar to that at Casino.

V. A. GEOLOGICAL MAPPING

The Battle Creek property is situated above tree line and therefore exposure, principally in the form of tallus, on the upper portions of the hills on the property is good. However, there are very few actual outcrops on the property. The valleys tend to be broad and completely overburden-covered. Figure 4 summarizes the geological mapping on the Battle Creek property. Also included on Figure 4 are the results from several grab samples obtained during the 1995 mapping.

The Battle Creek property is primarily underlain by a granodioritic phase of the Late Jurassic to Early Cretaceous Dawson Range batholith according to recent regional mapping by Payne et al. (1987). This is in contrast to the previous interpretation of the area as being part of the larger Triassic-aged Klotassin batholith. The Dawson Range batholith is intruded into strongly deformed Paleozoic metasedimentary schists and quartzite's of the Nasina Group in the Battle Creek/Mt. Cockfield area. On the Battle Creek property these older rocks are only present in the vicinity of the Harmon showing at the extreme eastern edge of the property. Here biotitic, hornfelsed, quartzite and marble tallus are host to a zone of massive sulphide mineralization discussed below.

On a regional scale the Dawson Range batholith is intruded by stocks and dykes of the Early Cretaceous Casino and Mt. Nansen suites along a west-northwest to south-southeast trending belt stretching from the Coffee Creek area in the northwest, through the Casino area to the Prospector Mountain area in the southeast. Porphyry-style Cu-Au-Mo mineralization at Casino is associated with high-level breccia's and stocks of the Casino suite. The Casino and Battle Creek areas lay along the same trend but are separated by the regional scale Dip Creek Fault. The nature and extent of movement along this structure are uncertain.

On the Battle Creek property the Casino suite is represented by dykes of quartz-porphyrific, leucocratic to locally apalitic quartz monzonite

(Units 3 and 4, Figure 4). These dykes are commonly strongly pyritic and locally molybdenite-bearing.

The main zone of Cu-Mo-Au mineralization on the Battle Creek property occurs along the headwaters of the west branch of Battle Creek at the contact between the Dawson Range Batholith and an Early to Mid-Cretaceous quartz-bearing, weakly feldspar porphyritic monzonite stock (the Mount Cockfield Stock). The Mount Cockfield stock, and associated dykes, are characterized by the presence of rare but ubiquitous coarse-grained (1-2 cm), euhedral plagioclase feldspar phenocrysts in a medium-grained quartz monzonite. A dyke-like apophyse of the main Mt. Cockfield stock cuts through the central portion of the property and dykes of similar material are observed in the Northwest Zone area (Fig. 4).

Four areas of mineralization have been located on the Battle Creek property. As previously mentioned a recent slide on the back side of steep hill along the south side of Battle Creek uncovered a zone of massive pyrrhotite/chalcopyrite tallus (the Harmon Zone). This zone is marked by a ten by seven metre zone of rusty tallus boulders mixed in with Nasina marble and quartzite. No outcropping mineralization was encountered although the steep topography and an untimely ankle injury limited the amount of work which could be completed here during 1995.

All of the mineralized boulders obtained from the Harmon Zone were comprised of 100% sulphide as pyrrhotite (97-100%) and lesser chalcopyrite (1-3%). The only gangue mineral observed was minor quartz and none of the sulphide-bearing samples examined had any wallrock associated with them. Four samples of massive sulphide mineralization obtained in 1994 returned a maximum of 5440 ppm Cu with elevated Ni values.

Previous interest on the property has been focused on a zone of disseminated to vein/fracture-hosted chalcopyrite-pyrite-molybdenite+/-bornite mineralization at the headwaters of the west branch of Battle Creek. Here a large tallus covered area with minor outcrop hosts narrow quartz-chalcopyrite-molybdenite veins and disseminated pyrite-chalcopyrite mineralization. Mineralization throughout this zone is variable in intensity with higher copper/gold grades typically associated with the most pyritic samples. Maximum values of 1460 ppm Cu, 217 Mo and 100 ppb Au were obtained from grab samples collected during 1994/5.

Disseminated molybdenite is present in associated with Casino Suite apalitic dykes exposed on the ridge between the Battle and Rude Creek drainage's and at the northwest corner of the property. The fourth style of mineralization observed is heavy disseminated pyrite (10-15%) with rare specks of chalcopyrite observed just north of the northwest corner of the property, Northwest Zone. Here Casino and Mt. Nansen Suite intrusions are present and both are heavily pyritized. Samples from this area returned a maximum of 12 ppm Cu.

V. B. SOIL SAMPLING

105 B/C horizon soil samples were collected from the Battle Creek property during 1995. The B horizon on the property is locally well developed but in general samples included both a thin B horizon and C horizon material. C horizon material typically comprised the majority of the soil in samples from along the base of the isolated hill on the western edge of the property. Samples were collected by shovel from depths ranging between 25 to 50 cm.

Samples were air dried and then transported to Cominco's exploration lab in Vancouver for analysis. All samples were analyzed for Cu, Pb, Zn, Ag and Au by AA after reverse aqua regia attack. The analytical results of the 1995 work are appended in Appendix 1 along with the results from rock samples collected in 1995. Cu and Au results are plotted on Figure 5 along with results of earlier surveys. These two elements show the best correlation with previously identified mineralization on the property.

The results of the 1995 soil sampling survey did little to up-grade the property. Minor extensions of existing soil anomalies in the central portion and southeastern corner of the property were the only positive results (Figure 5). Interestingly there is a good correlation between elevated Cu and Pb values in the central portion of the property which is not seen along the southeast margin. This would suggest that the central portion of the property is a more distal expression of the mineralized system and this is backed up by the mapping.

VI. CONCLUSIONS AND RECOMMENDATIONS


The work completed on the Battle Creek property during 1995 did nothing to upgrade the property. Soil results suggest the only area of significant Cu-Au mineralization is the previously known and drill tested zone in the southeastern corner of the property. No further work is recommended on the majority of the property.

A brief program of mapping/prospecting is warranted in the Harmon Zone area to determine the extent and nature of the massive sulphide mineralization encountered in 1994.


VII. REFERENCES

- Payne, J.G., Gonzalez, R.A., Akhurst, K. and Sisson, W.G. 1987. Geology of the Colorado Creek (115 J/10), Selwyn River (115 J/9) and Prospector Mountain (115 I/5) Areas. Yukon Regional Open File 1987-3, 141 p.


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APPENDIX I
ANALYTICAL RESULTS FOR 1995
SOIL AND ROCK SAMPLING
ON THE BATTLE CREEK PROPERTY

LAB NUMBER	FIELD NO	MAP ZONE	EAST	NORTH	±	M	O	S	COL	SZ	OR	D	Wm	F	P	pH	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb	Wt Au gram
S9510973	274738		EM-18	+0	5	1	4		1B	34	2	2	30	2	B		91	44	117	<.4	<10	10
S9510974	274737		EM-18	+100	5	1	4		1B	34	2	2	30	2	B		192	91	101	.7	<10	10
S9510975	274738		EM-18	+200	5	1	4		1B	34	2	2	30	2	B		320	46	69	1.3	<10	10
S9510976	274739		EM-18	+300	5	1	4		1B	34	2	2	30	2	B		22	7	59	<.4	<10	7.5
S9510977	274740		EM-18	+400	5	1	4		1B	34	2	2	30	2	B		23	4	85	<.4	<10	10
S9510978	274741		EM-18	+500	5	1	4		1B	34	2	2	30	2	B		25	11	64	<.4	<10	10
S9510979	274742		EM-18	+600	5	1	4		1B	34	2	2	30	2	B		21	26	58	<.4	<10	10
S9510980	274743		EM-18	+700	5	1	4		1B	34	2	2	30	2	B		25	10	70	<.4	10	10
S9510981	274744		EM-18	+800	5	1	4		1B	34	2	2	30	2	B		26	18	81	<.4	<10	10
S9510982	274745		EM-18	+900	5	1	4		1B	34	2	2	30	2	B		15	10	51	<.4	<10	10
S9510983	274746		EM-18	+1000	5	2	4		1B	15	2	3	15	1	B1		17	12	69	<.4	<10	10
S9510984	274747		EM-18	+1100	5	1	4		1B	34	2	2	30	12	B		29	13	73	<.4	<10	10
S9510985	274748		EM-18	+1200	5	1	4		1B	34	2	2	30	12	B		25	14	67	<.4	<10	10
S9510986	274749		EM-18	+1300	5	1	4		1B	34	2	2	30	12	B		28	12	94	<.4	<10	10
S9510987	274750		EM-18	+1400	5	1	4		1B	34	2	2	30	12	B		24	8	64	<.4	<10	10
S9510988	274751		EM-18	+1500	5	1	4		1B	34	2	2	30	12	B		21	14	95	<.4	<10	6.5
S9510989	274752		EM-18	+1600	5	1	4		1B	34	2	2	30	12	B		36	18	82	<.4	<10	10
S9510990	274753		EM-18	+1700	5	1	4		1B	34	2	2	30	12	B		27	14	78	<.4	<10	10
S9510991	274754		EM-18	+1800	5	1	4		1B	34	2	2	30	12	B		22	10	75	<.4	<10	10
S9510992	274755		EM-18	+1900	5	1	4		1B	34	2	2	30	12	B		26	5	68	<.4	<10	10
S9510993	274756		EM-18	+2000	5	1	4		1B	34	2	2	30	1	B		26	11	84	<.4	<10	10
S9510994	274757		EM-18	+2100	5	1	4		1B	34	2	2	30	1	B		27	10	92	<.4	<10	10
S9510995	274758		EM-18	+2200	5	1	4		1B	34	2	2	30	1	B		32	10	78	<.4	<10	10
S9510996	274759		EM-18	+2300	5	1	4		1B	34	2	2	30	1	B		16	8	53	<.4	<10	10
S9510997	274760		EM-18	+2400	5	1	4		1B	34	2	2	30	1	B		9	<4	74	<.4	<10	10
S9510998	274761		EM-18	+2500	5	1	4		1B	34	2	2	30	1	B		8	6	53	<.4	<10	10
S9510999	274762		EM-19	+0	5	1	4		1B	34	2	2	30	2	B		19	12	59	<.4	<10	10
S9511000	274763		EM-19	+100	5	1	4		1B	34	2	2	30	2	B		30	14	79	<.4	<10	10
S9511001	274764		EM-19	+200	5	1	4		1B	34	2	2	30	2	B		27	11	74	<.4	<10	10
S9511002	274765		EM-19	+300	5	1	4		1B	34	2	2	30	2	B		20	11	73	.5	<10	10
S9511003	274766		EM-19	+400	5	1	4		1B	34	2	2	30	2	B		20	8	63	<.4	<10	10
S9511004	274767		EM-19	+500	5	1	4		1B	34	2	2	30	2	B		18	4	77	.5	<10	10
S9511005	274768		EM-19	+600	5	1	4		1B	34	2	2	30	2	B		20	12	74	<.4	20	10
S9511006	274769		EM-19	+700	5	1	4		1B	34	2	2	30	2	B		32	10	56	1	<10	10
S9511007	274770		EM-19	+800	5	1	4		1B	34	2	2	30	2	B		17	10	60	<.4	14	10
S9511008	274771		EM-19	+900	5	1	4		1B	34	2	2	30	2	B		18	6	86	<.4	<10	10
S9511009	274772		EM-19	+1000	5	1	4		1B	34	2	2	30	2	B		22	7	50	<.4	<10	10

LAB NUMBER	FIELD NO	MAP ZONE	EAST	NORTH	↓	M	O	S	COL	SZ	OR	D Wm F			Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb	Wt Au gram
												W	cm	S H P pH						
S9511035	278125					1	4		B2	45	1	30	3	B	44	5	52	<.4	<10	10
S9511036	278126					1	4		B2	45	1	30	3	B	14	11	37	<.4	<10	10
S9511037	278127					1	4		B2	45	1	30	3	B	26	4	61	<.4	<10	10
S9511038	278128					1	4		B2	45	1	30	3	B	19	8	53	<.4	<10	10
S9511039	278129					1	4		B2	45	1	30	3	B	39	10	91	<.4	<10	10
S9511040	278130					1	4		B2	45	1	30	3	B	22	6	65	<.4	<10	10
S9511041	278131					1	4		B2	45	1	30	3	B	28	11	78	<.4	<10	10
S9511042	278132					1	4		B2	45	1	30	3	B	15	12	53	<.4	<10	10
S9511043	278133					1	4		B2	45	1	30	3	B	19	6	67	<.4	<10	10
S9511044	278134					1	4		B2	45	1	30	3	B	16	14	63	<.4	<10	10
S9511045	278135					1	4		B2	45	1	30	3	B	20	9	65	<.4	<10	10
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S9511048	278138					1	4		B2	34	1	30	3	B	22	8	66	<.4	<10	10
S9511049	278139					1	4		B2	34	1	30	3	B	23	13	61	<.4	<10	10
S9511050	278140					1	4		B2	34	1	30	3	B	24	5	81	<.4	<10	10
S9511051	278141					1	4		B2	34	1	30	3	B	16	8	61	<.4	<10	10
S9511052	278142					1	4		B2	34	1	30	3	B	18	11	89	<.4	<10	10
S9511053	278143					1	4		B2	34	1	30	3	B	17	10	59	<.4	<10	10
S9511054	278144					1	4		B2	34	1	30	3	B	14	11	46	<.4	<10	10
S9511055	278145					1	4		B2	34	1	30	3	B	19	11	75	<.4	<10	10
S9511056	278146					1	4		B2	34	1	30	3	B	6	11	37	<.4	<10	10
S9511057	278146					1	4		B2	34	1	30	3	B	27	14	87	<.4	<10	10
S9511058	278147					1	4		B2	34	1	30	3	B	15	4	61	<.4	40	10
S9511059	278148					1	4		B2	34	1	30	3	B	18	9	78	<.4	<10	10
S9511060	278149					1	4		B2	34	1	30	3	B	15	14	49	<.4	<10	10
S9511061	278150					1	4		B2	34	1	30	3	B	18	8	81	<.4	<10	10
S9511062	278151					1	4		B2	34	1	30	3	B	15	6	49	<.4	<10	10
S9511063	278152					1	4		B2	34	1	30	3	B	17	8	70	<.4	<10	10
S9511064	278153					1	4		B2	34	1	30	3	B	17	7	75	<.4	<10	10
S9511065	278154					1	4		B2	34	1	30	3	B	15	9	58	<.4	<10	10
S9511066	278155					1	4		B2	34	1	30	3	B	16	5	79	<.4	<10	10
S9511067	278156					1	4		B2	34	1	30	3	B	24	39	110	<.4	14	10
S9511068	278157					1	4		B2	34	1	30	3	B	23	7	72	<.4	<10	10

LAB NUMBER	FIELD NO	MAP ZONE	EAST	NORTH	†	M	O	S	COL	SZ	OR	D Wm F				Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb	Wt Au gram
												W	cm	S	H						
S9511225	270171		RC-22	+0	6	1	4		1R	23		30	2	C	98	14	64	<.4	<10	10	
S9511226	270172		RC-22	+100	6	1	4		1R			30	2	C	204	13	47	<.4	<10	10	
S9511227	270173		RC-22	+200	6	1	4		1R			30	2	C	239	18	68	.5	<10	10	
S9511228	270174		RC-22	+225	6	2	1		1R	45		30	2	B	335	19	78	1	<10	10	
S9511229	270175		RC-22	+300	6	2	1		1R			30	2	B	342	24	54	.6	<10	10	
S9511230	270176		RC-22	+400	6	2	1		1R			30	2	B	182	14	70	.4	<10	10	
S9511231	270177		RC-22	+500	6	2	1		1R			30	2	Z	225	15	57	1.2	<10	10	
S9511232	270178		RC-22	+600	6	2	1		1R			30	2	Z	87	16	79	.6	<10	10	
S9511233	270179		RC-22	+700	6	2	1		1R			30	2	Z	32	18	99	.4	<10	10	
S9511234	270180		RC-22	+800	6	2	1		1R	23		30	2	Z	29	9	71	<.4	<10	10	
S9511235	270181		RC-22	+900	6	2	1		1R	23		30	2	Z	31	8	73	<.4	<10	10	
S9511236	270188		RC-22	+1000	6	2	1		1R	23		30	2	Z	47	20	103	<.4	<10	10	
S9511237	270189		RC-22	+1100	6	2	1		1R	23		30	2	Z	32	17	56	.4	<10	10	
S9511238	270190		RC-22	+1200	6	2	1		1R	23		30	2	Z	26	14	76	<.4	<10	10	
S9511239	270191		RC-22	+1300	6	2	1		1R	23		30	2	Z	51	17	76	.4	<10	10	
S9511240	270192		RC-22	+1400	6	2	1		1R	23		30	2	Z	99	27	72	.6	<10	10	
S9511241	270193		RC-22	+1500	6	2	1		1R	23		30	2	Z	58	26	74	<.4	<10	10	
S9511242	270194		RC-22	+1600	6	2	1		1R	23		30	2	Z	50	17	80	<.4	<10	10	
S9511243	270195		RC-22	+1700	6	2	1		1R	23		30	2	Z	39	24	77	<.4	<10	10	
S9511244	270196		RC-22	+1800	6	2	1		1R	23		30	2	Z	29	17	89	<.4	<10	10	
S9511245	270197				6	1	4		1B	34		30	2	B	28	14	65	<.4	<10	10	
S9511246	270198				6	1	4		1B	34		30	2	B	23	21	61	<.4	<10	10	
S9511247	270199				6	1	4		1B	34		30	2	B	24	24	78	<.4	<10	10	
S9511248	270200				6	1	4		1B	34		30	2	B	19	9	59	<.4	<10	10	
S9511249	270201				6	1	4		1B	34		30	2	B	22	13	59	<.4	<10	10	
S9511250	270202				6	1	4		1B	34		30	2	B	26	4	63	.5	<10	10	
S9511251	270203				6	1	4		1B	34		30	2	B	11	11	36	<.4	<10	10	
S9511252	270204				6	1	4		1B	34		30	2	B	27	14	90	.7	<10	10	
S9511253	270205														17	10	68	.6	<10	10	
S9511254	270206														28	8	37	.6	<10	10	
S9511255	270207				6	1	4		1B	34		30	2	B	38	12	56	.9	28	10	
S9511256	270208				6	1	4		1B	34		30	2	B	18	12	54	.8	20	10	
S9511257	270209				6	1	4		1B	34		30	2	B	28	10	56	.7	10	10	
S9511258	270210				6	1	4		1B	34		30	2	B	26	14	55	.8	<10	10	

RC23

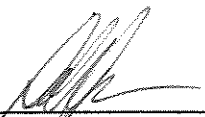
APPENDIX 2
STATEMENT OF EXPENDITURES
FOR 1995 EXPLORATION WORK ON THE
BATTLE CREEK PROPERTY

STAFF COSTS: Permanent	(2 Days @\$350/Day).....	\$ 700.00
Temporary	(3 x 2 Days @ \$175/Day).....	1050.00
HELICOPTER:	(4.3 Hrs. x 750.00/Hr including fuel).....	3225.00
GEOCHEMICAL ANALYSIS: Rock Samples	(12 x 17.50).....	210.00
Soil Samples	(105 x 17.50).....	1837.50
TRUCK RENTAL	(2 x 2 Days @ \$70.00/day including fuel).....	280.00
DOMICILE	(4 People x 3 Days x \$80/Day).....	960.00
SHIPPING.....		400.00
DRAFTING.....		650.00
TOTAL		\$ 9312.50

APPENDIX 3
STATEMENT OF QUALIFICATIONS

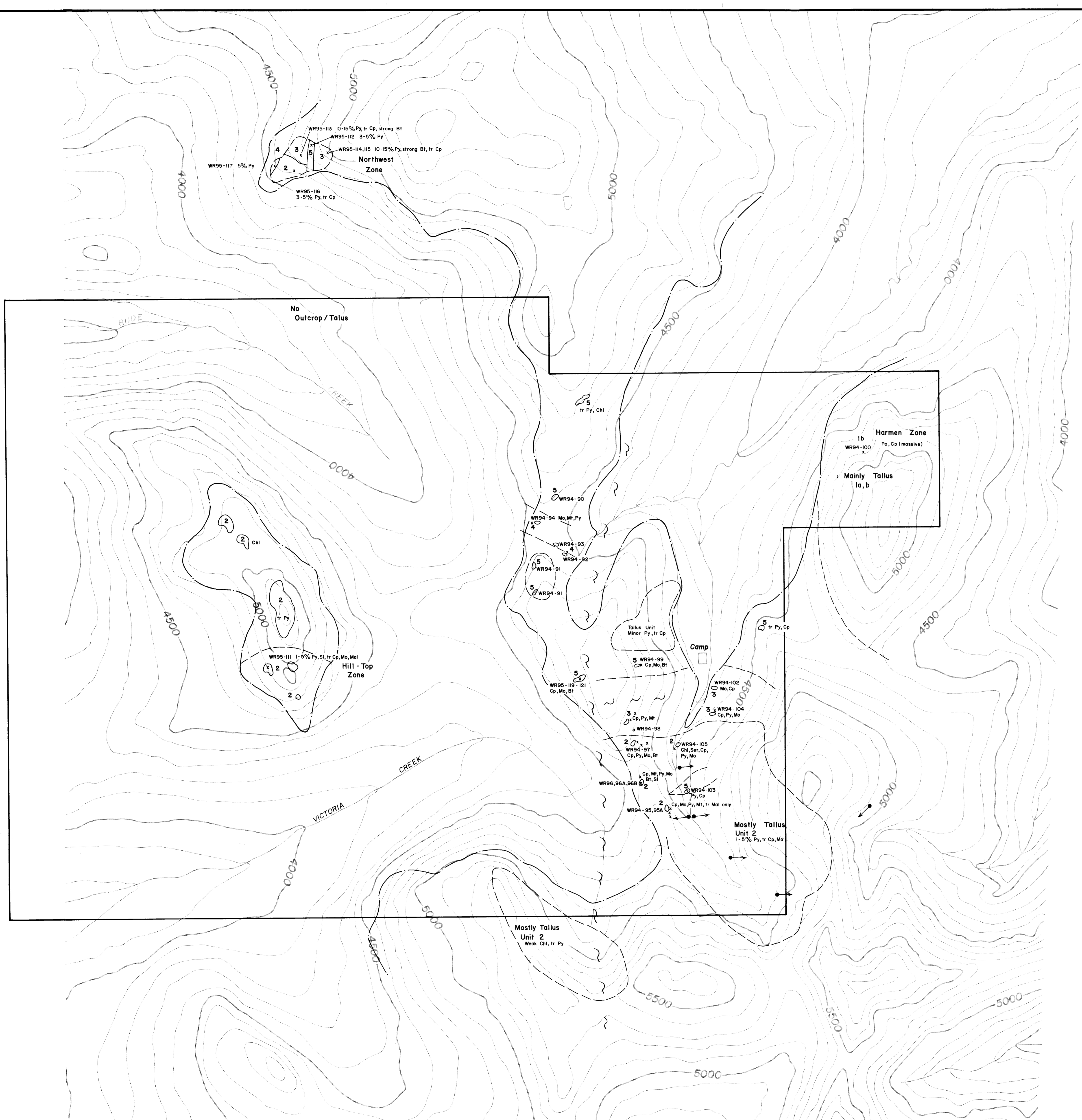
I, Darin Wagner, of 12211 210th Street, in the City of Maple Ridge, in the Province of British Columbia, do hereby certify:

- I. That I graduated with a B.Sc. in Earth Sciences from the University of Waterloo in 1989.
- II. That I graduated with a M. Sc. in Earth Sciences from Carleton University in 1993.
- III. That I have been actively practicing geology from 1989 to 1996 and am presently an employee of Cominco Ltd.



Darin W. Wagner, M.Sc.

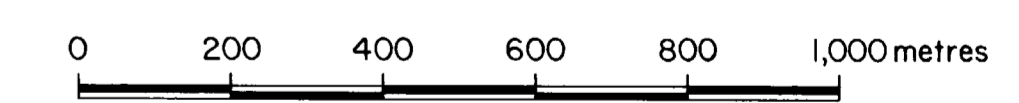
March 1996



LAM NO	FIELD NUMBER	Cu	Pb	Ag	Au	As	Co	Ni	Mo	Bi	Te	U	Th	Pa	U	Th	Pa	U	Th	Pa	
WR1810	WR94-93	30	10	1.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
WR1811	WR94-94	41	11	2.4	1.5	2.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1

LAM NO	FIELD NUMBER	Cu	Pb	Ag	Au	As	Co	Ni	Mo	Bi	Te	U	Th	Pa	U	Th	Pa	U	Th	Pa	
WR1120	WR94-95	300	35	44	5	30	5	2	13												
WR1121	WR94-96	100	23	14	1.4	24	5	4	21												

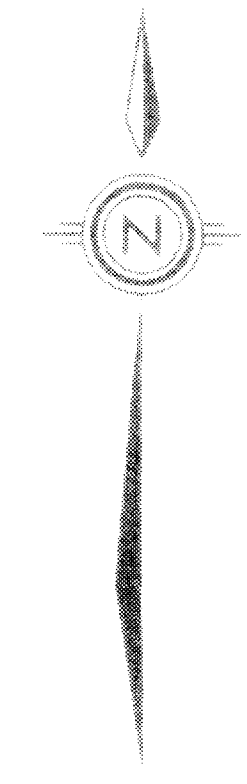
- LEGEND**
- 5** MT. NANSEN SUITE - MT. COCKFIELD STOCK/DYKES EARLY CRETACEOUS
Weakly feldspar porphyritic, locally weathering, medium-grained quartz monzonite; typically weakly quartz veined.
 - 4** CASINO SUITE - APLITE DYKES EARLY CRETACEOUS
Rusty weathering, fine grained, white quartz-rich dykes with 3-5% medium-grained clots of fine-grained biotite, 2-3% pyrite, tr mo.
 - 3** CASINO SUITE - QUARTZ MONZONITE EARLY CRETACEOUS
Rusty to red-brown weathering, fine-grained, 2-3% m.g. quartz phenocrysts, 5-10% biotite, 1% hb, typically pyritic (3-5%).
 - 2** DAWSON RANGE BATHOLITH LATE JURASSIC-EARLY CRETACEOUS
Medium-grained, very weakly feldspar porphyritic granodiorite, 3-5% atz, 6b-70% feldspar, 10% biotite, 5-10% hb, up to 1% Mt. locally.
 - 1** NASINA GROUP METASEDIMENTS PALEOZOIC
1B Quartzite.
1A Biotite-muscovite schist.
- SYMBOLS**
- | | | | |
|-----|---------------------|-----|--------------------|
| Cp | Chalcopyrite | Mal | Malachite |
| Mo | Molybdenite | Bt | Biotite Alteration |
| Py | Pyrite | Sl | Silicification |
| Mt | Magnetite | Po | Pyrrhotite |
| Chl | Chlorite Alteration | | |
- ← 1970 United Keno Hill Drillholes (1997m. total)
 - Claim Boundary (approx.)
 - Overburden Covered - No Talus or %
 - Outcrop
 - x Rock Sample Location



093401

BATTLE CREEK PROPERTY IIS J/9,10

Drawn by: D.W.W.	Traced by: a.m.g.
Revised by: D.W.W.	Date: Feb. 14, '96
GEOLOGY and DRILLING	
Scale: 1 : 10,000	Date: Oct., '94



Cu (ppm), Mo (ppm), Au (ppb)
- = less than detectable limit
• 1980 Sampling
x 1995 Sampling



093401

BATTLE CREEK PROPERTY		
Drawn by	Traced by	a. m. a.
Revised by	Date	
A.S.O.	Sept. 90	
D.W.W.	Oct. 94	
S.W.W.	Dec. 95	
Scale 1 : 10,000		Date Oct. '94

SOIL GEOCHEMISTRY