

COMINCO LTD.

EXPLORATION

WESTERN DISTRICT

LOG NO:	SEP 17 1992	RD.
ACTION:		
FILE NO:		

GEOCHEMISTRY

Coy Group

Fort Steele Mining Division

NTS 82J/3, 82G 13/14

Latitude: 50°00'

Longitude: 115° 28'

Owner: Cominco Ltd.

Operator: Kootenay Exploration, Cominco Ltd.
1051 Industrial Road #2
Cranbrook, B.C.
V1C 4K7

Work performed during periods:
July 16 to 18, 1991 and June 14 to 20, 1992

Report by: D. Anderson
Senior Geologist

August, 1992

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

D. Anderson

22,506

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EXPLORATION

WESTERN DISTRICT

SOIL GEOCHEMISTRY REPORT

COY CLAIMS

FORT STEELE MINING DIVISION

D. Anderson

August 1992

1.00 INTRODUCTION

1.10 Location

The Coy group of claims are centered about 30 kilometres southeast of Canal Flats, B.C. Located on the ridge between the Coyote and Lussier drainages, the property covers modest relief with a large forest fire burn area from 1985. There is excellent access via logging roads off the main Lussier Creek haul road.

1.20 Property Definition and History

A total of 62 units in 47 claims, the outline is irregular due to competitor staking in the area. Staked in 1991 the claims are new with little work proceeding during 1991. The claims are 100% Cominco-owned and held for their zinc potential.

2.00 SUMMARY OF WORK DONE

A soil and rock geochemical evaluation was initiated due to the poor outcrop situation on the claims. The RGS anomalous stream samples were collected in the only actively flowing streams in the area, so further definition using streams was limited. A combination of contour and across-stratigraphy soil lines were employed in an attempt to source the metals identified in the stream sediments. The soil samples were collected on a 100-meter spacing on contour lines and 50-meter spacing on the crosslines. The area has potential for zinc and possibly nickel based on the RGS stream results. A total of 377 soil samples were collected during this survey.

3.00 GEOCHEMISTRY

3.10 Sampling Procedure

The samples were collected from B (to C) horizon material where possible or in some cases all that was available was fine talus mixed with soil. Depths averaged 15 to 20 centimeters, with sample

size ranging from 75 to 150 grams. Bagged in kraft paper containers, the samples were first air-dried before shipment to the lab.

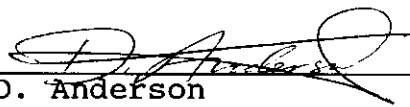
3.20 Analytical Procedures

The soil samples were processed and analyzed in Cominco's Exploration Research Lab in Vancouver. A 0.5 gram sample of -80 mesh material is digested with 3 ml of nitric acid and 1 ml hydrochloric acid. It is then heated/shaken and then diluted to 20 ml by vortexing. All samples were analyzed by 8-element ICP. The analytical results are enclosed as Appendix A to this report.


4.00 CONCLUSIONS

Indications of the same metals present in anomalous concentration in the RGS stream sediments are present in the soil/talus samples collected on the Coy claims. The soils/talus have elevated to distinctly anomalous levels of zinc with lesser values in nickel, molybdenum and vanadium. At the 95 percentile level, zinc is 460 ppm, nickel 52 ppm, molybdenum 9 ppm and vanadium 113 ppm. There is conclusive evidence of the association of these metals at these geochemical levels of concentration. The source rocks appear to be the fissile, predominantly black shales of the Mississippian Exshaw Formation. No high sulfide zones have been located in outcrop to date. Although the results indicate a high geochemical background in the shales may be the cause, more follow-up work is warranted.

Report by:


D. Anderson
Senior Geologist

Approved by:


W. J. Wolfe
Manager Exploration
Western Canada

Distribution: Mining Recorder (2 copies)
WD Exploration
Kootenay Exploration

DA:ddw

IN THE MATTER OF THE
B.C. MINERAL ACT AND IN THE MATTER
OF A GEOCHEMISTRY REPORT ON
COY GROUP
in the Fort Steele Mining Division of
the Province of British Columbia
More Particularly N.T.S. 82J/3 and 82G 13/14

A F F I D A V I T

I, D. Anderson, of the City of Cranbrook, 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 geochemistry program on the Coy Group.
3. That the said expenditures were incurred during July, 1991 and June, 1992 for the purpose of mineral exploration.


D. Anderson
Senior Geologist

EXHIBIT A

STATEMENT OF EXPENDITURES

SOIL GEOCHEMISTRY SURVEY

For the period: July 16-18, 1991 and
June 14-20, 1992

1992 Expenditures:

SALARIES:	NF and PR @ \$110.00/day	\$ 220.00
TRUCKS:	1 day @ \$50.00/day	50.00
LIVING EXPENSES:	2 days @ \$25.00/day	50.00
ASSAYS AND ANALYSES:	30 Samples @ \$7.00/each	210.00

1992 Expenditures:

SALARIES:	NFirt 4 days @ \$137.00/day	548.00
	GBonin 4 days @ \$137.00/day	548.00
	KTownsend 4 days @ \$115.00/day	460.00
	MRobinson 4 days @ \$115.00/day	460.00
	DAnderson 1 days @ \$340.00/day	340.00
TRUCKS:	2 trucks, 4 days @ \$50.00/day	400.00
LIVING EXPENSES:	Rent	106.00
	Groceries	400.00
REPORT WRITING/MAPS	1 days @ \$340.00/day	340.00
	2 days @ \$115.00/day	230.00
ASSAYS AND ANALYSES:	347 Samples @ \$8.50/each	2,950.00
SUPPLIES:		100.00
FREIGHT:		<u>150.00</u>
TOTAL:		\$7,562.00

AUTHOR'S QUALIFICATIONS


As author of this report, I, D. Anderson, certify that:

I am employed by Cominco as a Senior Geologist active in mineral exploration.

I am a graduate of the University of British Columbia with a degree of Bachelor of Applied Science.

I have been continuously engaged in geology and mineral exploration for 23 years.

I am a member of the Association of Professional Engineers of British Columbia.


D. Anderson
Senior Geologist

DA:ddw

APPENDIX A

COY-WD

Job V 92-0311s

LAB NUMBER	FIELD NO	MAP ZONE	EAST	NORTH	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Co ppm	Ni ppm	Mo ppm	V ppm	
S9210952	MR-1		CSL1500	+0	7	6	63	<.4	10	21	<2	11	
S9210953	MR-2		CSL1500	+50	8	6	67	<.4	4	23	<2	15	
S9210954	MR-3		CSL1500	+100	5	4	39	<.4	9	16	<2	11	
S9210955	MR-4		CSL1500	+150	6	4	45	<.4	8	22	<2	11	
S9210956	MR-5		CSL1500	+200	10	6	41	<.4	11	22	<2	11	
S9210957	MR-6		CSL1500	+250	21	5	40	<.4	15	33	<2	17	
S9210958	MR-7		CSL1500	+300	10	11	51	<.4	12	30	<2	18	
S9210959	MR-8		CSL1500	+350	12	<4	44	<.4	9	21	<2	12	
S9210960	MR-9		CSL1500	+400	11	6	44	<.4	11	20	<2	11	
S9210961	MR-10		CSL1500	+450	8	5	36	<.4	12	23	<2	10	
S9210962	MR-11		CSL1500	+500	8	<4	34	<.4	6	21	<2	11	
S9210963	MR-12		CSL1500	+550	10	7	38	<.4	8	23	<2	14	
S9210964	MR-13		CSL1500	+600	14	5	41	<.4	10	33	<2	15	
S9210965	MR-14		CSL1500	+650	6	8	34	<.4	4	18	<2	11	
S9210966	MR-15		CSL1500	+700	7	4	50	<.4	5	26	<2	15	
S9210967	MR-16		CSL1500	+750	7	<4	28	<.4	8	19	<2	11	
S9210968	MR-17		CSL1500	+800	8	8	31	<.4	5	20	<2	12	
S9210969	MR-18		CSL1500	+850	5	12	38	<.4	7	15	<2	9	
S9210970	MR-19		CSL1500	+900	4	6	27	<.4	4	11	<2	7	
S9210971	MR-20		CSL1500	+950	6	9	50	<.4	4	20	<2	12	
S9210972	MR-21		CSL1500	+1000	6	<4	53	<.4	10	29	<2	22	
S9210973	MR-22		CSL1500	+1050	8	14	67	<.4	2	22	<2	17	
S9210974	MR-23		CSL1500	+1100	12	<4	29	<.4	6	19	<2	14	
S9210975	MR-24			+0	+1770	16	9	51	<.4	6	18	<2	20
S9210976	MR-25			-25	+1770	16	29	62	<.4	11	31	<2	26
S9210977	MR-26			-50	+1770	2	8	22	<.4	1	6	<2	14
S9210978	MR-27			-75	+1770	5	8	37	<.4	6	16	<2	22
S9210979	MR-28			-100	+1785	14	5	37	<.4	12	41	<2	17
S9210980	MR-29			-125	+1785	4	11	34	<.4	3	14	<2	23
S9210981	MR-30			-150	+1785	13	8	56	<.4	8	31	<2	26
S9210982	MR-31			-175	+1785	9	<4	39	<.4	5	17	<2	15
S9210983	MR-32			-200	+1800	6	9	44	<.4	10	21	<2	21
S9210984	MR-33			-225	+1800	11	27	84	<.4	7	24	<2	31
S9210985	MR-34			-250	+1800	6	11	113	<.4	2	26	<2	27
S9210986	MR-35			-275	+1800	9	7	129	<.4	5	30	<2	39
S9210987	MR-36			-300	+1810	8	8	134	<.4	5	22	<2	34
S9210988	MR-37			-325	+1810	6	7	102	<.4	7	23	<2	29
S9210989	MR-38			-350	+1810	4	7	126	<.4	4	16	<2	26
S9210990	MR-39			-375	+1810	7	7	83	<.4	3	19	<2	26
S9210991	MR-40			-400	+1810	15	6	45	<.4	1	26	<2	24
S9210992	MR-41			-450	+1810	5	<4	64	<.4	<1	16	<2	23
S9210993	MR-42			-475	+1810	12	6	85	<.4	<1	25	<2	33
S9210994	MR-43			-500	+1830	3	8	100	<.4	2	18	<2	34
S9210995	MR-44			-525	+1830	5	8	114	<.4	4	20	2	53
S9210996	MR-45			-550	+1830	3	9	103	<.4	<1	15	<2	48
S9210997	MR-46			-575	+1830	3	<4	103	<.4	4	17	<2	38
S9210998	MR-47			-600	+1845	3	6	154	<.4	4	21	<2	52
S9210999	MR-48			-625	+1845	2	6	129	<.4	4	14	<2	47
S9211000	MR-49			-650	+1845	6	6	158	<.4	3	22	<2	57
S9211001	MR-50			-675	+1845	2	6	171	<.4	1	15	<2	46
S9211002	MR-51			-700	+1880	3	6	209	<.4	1	17	<2	46
S9211003	MR-52			-725	+1880	25	10	291	<.4	7	63	7	125
S9211004	MR-53			-750	+1880	3	6	125	<.4	7	20	<2	45
S9211005	MR-54			-775	+1880	7	5	173	<.4	2	31	<2	36
S9211006	MR-55			-800	+1915	4	5	140	<.4	2	16	<2	27
S9211007	MR-56			-825	+1915	4	<4	150	<.4	5	19	<2	26
S9211008	MR-57			-850	+1915	11	7	110	<.4	4	33	<2	46
S9211009	MR-58			-875	+1915	9	5	187	<.4	6	38	<2	55
S9211010	MR-59			-900	+1950	7	5	133	<.4	1	23	3	70

LAB NUMBER	FIELD NO	MAP ZONE	EAST	NORTH	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Co ppm	Ni ppm	Mo ppm	V ppm
S9211011	MR-60		-925	+1950	10	5	188	<.4	1	29	<2	64
S9211012	MR-61		-950	+1950	5	6	113	<.4	3	21	<2	41
S9211013	MR-62		-975	+1950	3	<4	54	<.4	5	16	<2	22
S9211014	MR-63		-1000	+1970	4	5	70	<.4	<1	13	<2	26
S9211015	MR-64		-1025	+1970	2	4	71	<.4	3	19	<2	23
S9211016	MR-65		-1050	+1970	8	6	66	<.4	4	20	<2	26
S9211017	MR-66		-1075	+1970	2	4	93	<.4	2	17	<2	21
S9211018	MR-67		-1100	+2010	8	5	72	<.4	5	27	<2	39
S9211019	MR-68		-1125	+2010	2	4	83	<.4	4	13	<2	18
S9211020	MR-69		-1150	+2010	5	4	64	<.4	3	20	<2	20
S9211021	MR-70		-1175	+2010	2	7	77	<.4	1	15	<2	18
S9211022	MR-71		-1200	+2060	6	<4	62	<.4	6	25	<2	19
S9211023	MR-72		+0	+1450	9	<4	97	<.4	3	23	2	36
S9211024	MR-73		-25	+1450	25	7	62	<.4	12	37	<2	22
S9211025	MR-74		-50	+1450	12	5	39	<.4	13	30	<2	14
S9211026	MR-75		-75	+1450	9	5	41	<.4	7	20	<2	15
S9211027	MR-76		-100	+1490	7	<4	35	<.4	8	17	<2	13
S9211028	MR-77		-125	+1490	5	<4	22	<.4	6	15	<2	10
S9211029	MR-78		-150	+1490	12	4	29	<.4	7	22	<2	13
S9211030	MR-79		-175	+1490	4	7	24	<.4	5	18	<2	10
S9211031	MR-80		-200	+1540	<1	4	25	<.4	7	15	<2	7
S9211032	MR-81		-225	+1540	8	6	32	<.4	11	24	<2	11
S9211033	MR-82		-250	+1540	<1	<4	26	<.4	5	15	<2	6
S9211034	MR-83		-275	+1540	9	6	36	<.4	9	25	<2	13
S9211035	MR-84		-300	+1600	6	9	64	<.4	5	19	<2	13
S9211036	MR-85		-325	+1600	6	8	67	<.4	4	19	<2	16
S9211037	MR-86		-350	+1600	6	7	57	<.4	4	18	<2	15
S9211038	MR-87		-375	+1600	7	6	43	<.4	4	18	<2	14
S9211039	MR-88		-400	+1620	22	16	43	<.4	10	41	<2	15
S9211040	MR-89		-425	+1620	8	4	59	<.4	4	23	<2	14
S9211041	MR-90		-450	+1620	5	8	63	<.4	4	16	<2	12
S9211042	MR-91		-475	+1620	4	5	39	<.4	2	11	<2	12
S9211043	MR-92		-500	+1660	3	5	31	<.4	3	13	<2	10
S9211044	MR-93		-525	+1660	5	5	35	<.4	3	14	<2	11
S9211045	MR-94		-550	+1660	1	4	38	<.4	<1	8	<2	8
S9211046	MR-95		-575	+1660	5	6	192	<.4	6	26	2	17
S9211047	MR-96		-600	+1680	7	7	128	<.4	7	31	3	21
S9211048	MR-97		-625	+1680	23	10	173	<.4	11	46	5	31
S9211049	MR-98		-650	+1680	24	10	301	<.4	9	63	11	29
S9211050	MR-99		-675	+1680	5	5	109	<.4	7	26	2	17
S9211051	MR-100		-700	+1680	14	6	144	<.4	5	28	7	23
S9211052	MR-101		-725	+1680	4	5	159	<.4	3	21	3	20
S9211053	MR-102		-750	+1680	1	6	258	<.4	6	18	3	25
S9211054	MR-103		-775	+1680	5	7	543	<.4	7	34	5	57
S9211055	MR-104		-800	+1710	5	4	193	<.4	6	28	4	46
S9211056	MR-105		-825	+1710	3	9	415	<.4	3	26	2	57
S9211057	MR-106		-850	+1710	7	7	336	<.4	8	38	6	52
S9211058	MR-107		-875	+1710	6	8	390	<.4	5	34	7	58
S9211059	MR-108		-900	+1740	10	9	459	<.4	3	42	15	140
S9211060	MR-109		-925	+1740	14	11	553	<.4	4	39	18	186
S9211061	MR-110		-950	+1740	62	35	1188	.9	10	89	33	250
S9211062	MR-111		-975	+1740	6	6	680	<.4	6	26	6	108
S9211063	MR-112		-1000	+1770	5	5	458	<.4	1	18	2	34
S9211064	MR-113		-1025	+1770	15	5	305	<.4	2	30	2	43
S9211065	MR-114		-1050	+1770	21	7	202	<.4	6	35	2	55
S9211066	MR-115		-1075	+1770	14	13	600	<.4	11	33	13	127
S9211067	MR-116		-1100	+1770	14	8	612	<.4	8	38	10	113
S9211068	MR-117		-1125	+1770	15	6	278	<.4	5	34	6	110
S9211069	MR-118		-1150	+1770	9	<4	239	<.4	2	26	<2	56
S9211070	MR-119		-1175	+1770	7	7	301	<.4	4	30	5	109
S9211071	MR-120		-1200	+1790	11	9	290	<.4	<1	29	13	130
S9211072	MR-121		-1225	+1790	5	16	265	<.4	4	29	13	137
S9211073	MR-122		-1250	+1790	9	6	509	<.4	2	46	6	107
S9211074	MR-123		-1275	+1790	11	8	389	<.4	5	31	12	142
S9211075	MR-124		-1300	+1810	27	9	381	<.4	<1	47	5	137

LAB NUMBER	FIELD NO	MAP ZONE	EAST	NORTH	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Co ppm	Ni ppm	Mo ppm	V ppm
S9211076	MR-125		-1325	+1810	13	9	507	<.4	1	33	9	156
S9211077	MR-126		-1350	+1810	13	8	432	<.4	<1	37	18	201
S9211078	MR-127		-1375	+1810	30	12	875	<.4	12	85	19	144
S9211079	MR-128		-1400	+1840	12	9	121	<.4	6	42	<2	22
S9211080	MR-129		-1425	+1840	13	5	96	<.4	8	57	<2	20
S9211085	MR-134		+0	CSL1900	1	<4	67	<.4	<1	15	<2	5
S9211086	MR-135		+50	CSL1900	2	<4	81	<.4	1	18	<2	7
S9211087	MR-136		+100	CSL1900	16	7	108	<.4	6	34	<2	20
S9211088	MR-137		+150	CSL1900	28	10	598	.8	13	56	<2	50
S9211089	MR-138		+200	CSL1900	14	9	456	<.4	2	35	3	54
S9211090	MR-139		+250	CSL1900	8	7	818	<.4	7	69	<2	65
S9211091	MR-140		+300	CSL1900	11	9	685	<.4	5	52	4	97
S9211092	MR-141		+350	CSL1900	5	7	401	<.4	8	24	2	49
S9211093	MR-142		+400	CSL1900	2	4	190	<.4	<1	17	<2	13
S9211094	MR-143		+450	CSL1900	10	11	451	<.4	4	63	13	153
S9211095	MR-144		+500	CSL1900	530	30	1989	<.4	3	284	100	2293
S9211096	MR-145		+550	CSL1900	9	5	432	<.4	2	59	6	243
S9211097	MR-146		+600	CSL1900	6	10	494	<.4	3	41	9	201
S9211098	MR-147		+650	CSL1900	2	<4	221	<.4	<1	21	<2	18
S9211099	MR-148		+700	CSL1900	3	7	292	<.4	2	23	3	93
S9211100	MR-149		+750	CSL1900	8	<4	169	<.4	2	25	5	101
S9211101	MR-150		+800	CSL1900	10	5	161	<.4	<1	27	2	50
S9211102	MR-151		+850	CSL1900	6	7	142	<.4	2	23	<2	48
S9211103	MR-152		+900	CSL1900	10	4	145	<.4	2	33	<2	42
S9211104	MR-153		+950	CSL1900	5	<4	139	<.4	<1	20	<2	37
S9211105	MR-154		+1000	CSL1900	6	6	250	<.4	3	32	2	111
S9211106	MR-155		+1050	CSL1900	9	<4	154	<.4	2	24	2	57
S9211107	MR-156		+1100	CSL1900	2	6	154	<.4	1	16	<2	61
S9211108	MR-157		+1150	CSL1900	3	5	97	<.4	<1	20	<2	36
S9211109	MR-158		+1200	CSL1900	2	<4	231	<.4	<1	19	3	53
S9211110	MR-159		+1250	CSL1900	9	10	173	<.4	7	33	<2	68
S9211111	MR-160		+1300	CSL1900	3	6	158	<.4	8	30	2	40
S9211112	MR-161		+1350	CSL1900	6	5	91	<.4	2	17	<2	41
S9211113	MR-162		+1400	CSL1900	2	6	173	<.4	7	26	<2	42
S9211114	MR-163		+1450	CSL1900	3	<4	112	<.4	1	22	<2	42
S9211115	MR-164		+1500	CSL1900	4	6	114	<.4	3	16	2	64
S9211116	MR-165		+1550	CSL1900	11	7	246	<.4	5	34	5	79
S9211117	MR-166		+1600	CSL1900	3	9	145	<.4	<1	11	4	100
S9211118	MR-167		+1650	CSL1900	2	5	81	<.4	2	22	<2	17
S9211119	MR-168		+1700	CSL1900	23	9	133	<.4	5	52	<2	22
S9211120	MR-169		+1750	CSL1900	14	6	101	<.4	8	40	<2	22
S9211123	KT-181		CSL1700	+0	4	8	24	<.4	9	13	<2	16
S9211124	KT-182		CSL1700	+50	<1	<4	17	<.4	5	10	<2	6
S9211125	KT-183		CSL1700	+100	10	20	35	<.4	14	23	<2	18
S9211126	KT-184		CSL1700	+150	2	5	24	<.4	7	12	<2	9
S9211127	KT-185		CSL1700	+200	9	23	26	<.4	8	22	<2	16
S9211128	KT-186		CSL1700	+250	2	13	25	<.4	7	17	<2	11
S9211129	KT-187		CSL1700	+300	2	<4	16	<.4	8	10	<2	7
S9211130	KT-188		CSL1700	+350	3	14	24	<.4	10	20	<2	22
S9211131	KT-189		CSL1700	+400	2	15	40	<.4	7	18	<2	28
S9211132	KT-190		CSL1700	+450	8	5	29	<.4	3	10	<2	19
S9211133	KT-191		CSL1700	+500	2	6	38	<.4	8	12	<2	25
S9211134	KT-192		CSL1700	+550	3	8	24	<.4	4	9	<2	21
S9211135	KT-193		CSL1700	+600	3	8	27	<.4	8	10	<2	23
S9211136	KT-194		CSL1700	+650	11	6	40	<.4	9	20	<2	25
S9211137	KT-195		CSL1700	+700	11	5	42	<.4	11	18	<2	14
S9211138	KT-196		CSL1700	+750	2	<4	28	<.4	7	9	<2	13
S9211139	KT-197		CSL1700	+800	2	4	28	<.4	7	10	<2	14
S9211140	KT-198		CSL1700	+850	7	6	36	<.4	4	17	<2	32
S9211141	KT-199		CSL1700	+900	10	9	43	<.4	13	21	<2	24
S9211142	KT-200		CSL1700	+950	13	4	29	<.4	8	11	<2	21
S9211143	KT-201		CSL1700	+1000	12	8	44	<.4	10	19	<2	29
S9211144	KT-202		CSL1700	+1050	6	<4	35	<.4	10	15	<2	16
S9211145	KT-203		CSL1700	+1100	5	<4	31	<.4	4	10	<2	16
S9211146	KT-204		CSL1700	+1150	5	<4	29	<.4	6	8	<2	17

LAB NUMBER	FIELD NO	MAP ZONE	EAST	NORTH	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Co ppm	Ni ppm	Mo ppm	V ppm
S9211147	KT-205		CSL1700	+1200	<1	<4	23	<.4	7	7	<2	14
S9211148	KT-206		CSL1700	+1250	10	16	42	<.4	9	20	<2	32
S9211149	KT-207		CSL1700	+1300	7	12	33	<.4	6	15	<2	25
S9211150	KT-208		CSL1700	+1350	6	12	26	<.4	11	17	<2	23
S9211151	KT-209		CSL1700	+1400	4	10	26	<.4	8	14	<2	14
S9211152	KT-210		CSL1700	+1450	4	5	19	<.4	5	9	<2	19
S9211153	KT-211		CSL1700	+1500	3	8	25	<.4	4	13	<2	23
S9211154	KT-212		CSL1700	+1550	6	6	30	<.4	7	15	<2	25
S9211155	KT-213		CSL1700	+1600	7	6	34	<.4	11	21	<2	32
S9211156	KT-214		CSL1700	+1650	8	9	39	<.4	5	20	<2	28
S9211157	KT-215		CSL1700	+1700	6	5	39	<.4	5	16	<2	22
S9211158	KT-216		CSL1700	+1750	6	5	33	<.4	4	17	<2	21
S9211159	KT-217		CSL1700	+1800	8	6	50	<.4	11	23	<2	27
S9211160	KT-218		CSL1700	+1850	13	10	53	<.4	12	27	<2	29
S9211161	KT-219		CSL1700	+1900	11	12	56	<.4	10	30	2	34
S9211162	KT-220		CSL1700	+1950	6	7	42	<.4	9	21	<2	28
S9211163	KT-221		CSL1700	+2000	7	7	79	<.4	10	28	<2	26
S9211164	KT-222		CSL1700	+2050	9	10	25	<.4	7	20	<2	18
S9211165	KT-223		CSL1700	+2100	5	10	47	<.4	7	14	<2	23
S9211166	KT-224		CSL1700	+2150	7	6	39	<.4	13	18	<2	28
S9211167	KT-225		CSL1700	+2200	8	7	65	<.4	10	21	<2	21
S9211168	KT-226		CSL1700	+2250	7	4	46	<.4	6	22	<2	22
S9211169	KT-227		CSL1700	+2300	6	10	54	<.4	12	28	<2	25
S9211170	KT-228		CSL1700	+2350	8	<4	54	<.4	10	29	<2	28
S9211171	KT-229		CSL1700	+2400	7	7	39	<.4	8	19	<2	24
S9211172	KT-230		CSL1700	+2450	13	15	55	<.4	9	31	<2	36
S9211173	KT-231		CSL1700	+2500	11	19	205	<.4	16	58	3	33
S9211174	KT-232		CSL1700	+2550	11	23	49	<.4	16	61	3	27
S9211175	KT-233		CSL1700	+2600	9	13	151	<.4	9	51	<2	24
S9211176	KT-234		CSL1700	+2650	7	10	132	<.4	9	35	<2	23
S9211177	KT-235		CSL1700	+2700	6	5	65	<.4	4	16	<2	24
S9211178	KT-236		CSL1700	+2750	10	9	87	<.4	9	25	<2	38
S9211179	KT-237		CSL1700	+2800	7	4	377	<.4	3	47	<2	45
S9211180	GB-188		+0 CSL1820		6	<4	33	<.4	12	14	<2	9
S9211181	GB-189		+50 CSL1820		4	7	27	<.4	7	12	<2	18
S9211182	GB-190		+100 CSL1820		3	12	29	<.4	5	10	<2	21
S9211183	GB-191		+150 CSL1800		4	<4	29	<.4	8	9	<2	17
S9211184	GB-192		+200 CSL1800		1	<4	20	<.4	9	7	<2	6
S9211185	GB-193		+250 CSL1800		<1	4	28	<.4	6	10	<2	10
S9211186	GB-194		+300 CSL1800		<1	5	30	<.4	4	10	<2	8
S9211187	GB-195		+350 CSL1800		4	<4	25	<.4	9	10	<2	7
S9211188	GB-196		+400 CSL1800		5	5	27	<.4	7	13	<2	18
S9211189	GB-197		+450 CSL1800		3	<4	21	<.4	8	7	<2	9
S9211190	GB-198		+500 CSL1800		3	<4	23	<.4	7	8	<2	10
S9211191	GB-199		+550 CSL1800		<1	8	18	<.4	<1	4	<2	5
S9211192	GB-200		+600 CSL1800		2	9	23	<.4	3	7	<2	8
S9211193	GB-201		+650 CSL1800		5	7	25	<.4	7	15	<2	10
S9211194	GB-202		+700 CSL1800		12	12	57	<.4	9	33	<2	36
S9211195	GB-203		+750 CSL1800		4	12	40	<.4	9	14	<2	22
S9211196	GB-204		+800 CSL1800		8	12	64	<.4	12	28	<2	23
S9211197	GB-205		+850 CSL1800		2	7	50	<.4	8	16	<2	15
S9211198	GB-206		+900 CSL1800		7	12	46	<.4	8	23	<2	26
S9211199	GB-207		+950 CSL1800		8	13	58	<.4	8	29	<2	29
S9211200	GB-207		+1000 CSL1800		3	8	24	<.4	5	16	<2	21
S9211201	GB-208		+1050 CSL1800		8	4	61	<.4	4	12	<2	15
S9211202	GB-209		+1100 CSL1800		6	6	63	<.4	8	22	<2	35
S9211203	GB-210		+1150 CSL1800		11	6	68	<.4	8	25	<2	44
S9211204	GB-211		+1200 CSL1800		12	<4	61	<.4	5	21	<2	27
S9211205	GB-212		+1250 CSL1800		9	6	157	<.4	4	30	<2	56
S9211206	GB-213		+1300 CSL1800		6	6	95	<.4	5	22	<2	34
S9211207	GB-214		+1350 CSL1800		5	6	64	<.4	3	19	<2	34
S9211208	GB-215		+1400 CSL1800		15	<4	94	<.4	10	35	<2	52
S9211209	GB-216		+1450 CSL1800		14	9	142	<.4	6	41	3	77
S9211210	GB-217		+1500 CSL1800		1	5	113	<.4	8	16	<2	40
S9211211	GB-218		+1550 CSL1800		4	6	114	<.4	5	20	<2	32

LAB NUMBER	FIELD NO	MAP ZONE	EAST	NORTH	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Co ppm	Ni ppm	Mo ppm	V ppm
S9211212	GB-219		+1600	CSL1800	7	9	97	<.4	9	22	<2	28
S9211213	GB-220		+1650	CSL1800	7	8	60	<.4	8	13	<2	20
S9211214	GB-221		+1700	CSL1800	4	7	66	<.4	6	13	<2	31
S9211215	GB-222		+1750	CSL1800	5	9	128	<.4	8	17	<2	35
S9211216	GB-223		+1800	CSL1800	2	8	123	<.4	9	18	<2	25
S9211217	GB-224		+1850	CSL1800	7	5	19	<.4	13	10	<2	12
S9211218	GB-225		+1900	CSL1800	5	10	67	<.4	4	18	<2	21
S9211219	GB-226		+1950	CSL1800	3	9	48	<.4	4	15	<2	21
S9211220	GB-227		+2000	CSL1800	11	6	38	<.4	13	19	<2	14
S9211221	GB-228		+2050	CSL1800	5	24	48	<.4	12	20	<2	27
S9211222	GB-229		+2100	CSL1800	6	9	72	<.4	6	24	<2	26
S9211223	GB-230		+2150	CSL1800	7	5	94	<.4	9	34	<2	28
S9211224	GB-231		+2200	CSL1800	6	<4	69	<.4	5	20	<2	30
S9211225	GB-232		+2250	CSL1800	5	6	57	<.4	8	18	<2	30
S9211226	GB-233		+2300	CSL1800	5	5	87	<.4	6	24	<2	25
S9211227	GB-234		+2350	CSL1800	6	5	70	<.4	9	18	<2	37
S9211228	GB-235		+2400	CSL1800	9	8	156	<.4	7	25	5	97
S9211229	GB-236		+2450	CSL1800	4	<4	122	<.4	9	19	<2	39
S9211230	GB-237		+2500	CSL1800	4	4	183	<.4	5	17	2	63
S9211231	GB-238		+2550	CSL1800	4	7	181	<.4	9	35	<2	76
S9211232	GB-239		+2600	CSL1800	4	5	124	<.4	7	22	<2	67
S9211233	GB-240		+2650	CSL1800	3	8	179	<.4	7	19	<2	68
S9211234	GB-241		+2700	CSL1800	3	5	203	<.4	4	26	2	71
S9211235	GB-242		+2750	CSL1800	13	11	132	<.4	15	38	<2	83
S9211236	GB-243		+2800	CSL1800	5	7	141	<.4	7	23	3	74
S9211237	GB-244		+2850	CSL1800	2	5	203	<.4	4	19	2	66
S9211238	GB-245		+2900	CSL1800	6	6	233	<.4	10	24	2	62
S9211239	GB-246		+2950	CSL1800	2	4	134	<.4	5	34	<2	30
S9211240	GB-247		+3000	CSL1800	1	<4	167	<.4	7	21	<2	29
S9211241	GB-248		+3050	CSL1800	11	6	47	<.4	7	23	2	32
S9211248	NF-156		+1860	+0	7	13	36	<.4	18	33	<2	19
S9211249	NF-157		+1860	+25	7	18	40	<.4	9	31	<2	20
S9211250	NF-158		+1860	+50	6	16	42	<.4	9	23	2	18
S9211251	NF-159		+1860	+75	10	12	53	<.4	9	35	<2	20
S9211252	NF-160		+1830	+100	8	22	58	<.4	9	42	<2	26
S9211253	NF-161		+1830	+125	10	10	47	<.4	15	32	<2	16
S9211254	NF-162		+1830	+150	14	10	38	<.4	9	29	<2	20
S9211255	NF-163		+1830	+175	8	9	42	<.4	15	24	<2	26
S9211256	NF-164		+1810	+200	6	11	40	<.4	9	24	<2	21
S9211257	NF-165		+1810	+225	2	11	30	<.4	7	11	<2	20
S9211258	NF-166		+1810	+250	4	9	39	<.4	7	15	<2	21
S9211259	NF-167		+1810	+275	6	9	40	<.4	7	20	<2	26
S9211260	NF-168		+1790	+300	6	10	57	<.4	9	21	<2	27
S9211261	NF-169		+1790	+325	7	6	53	<.4	10	21	<2	24
S9211262	NF-170		+1790	+350	5	5	67	<.4	8	18	<2	22
S9211263	NF-171		+1790	+375	15	26	68	<.4	19	45	<2	28
S9211264	NF-172		+1760	+400	9	10	43	<.4	13	23	<2	24
S9211265	NF-173		+1760	+425	4	12	40	<.4	13	21	<2	22
S9211266	NF-174		+1760	+450	3	11	40	<.4	7	16	<2	22
S9211267	NF-175		+1760	+475	3	7	25	<.4	8	14	<2	20
S9211268	NF-176		+1720	+500	4	6	31	<.4	8	15	<2	25
S9211269	NF-177		+1720	+525	2	7	23	<.4	5	12	<2	18
S9211270	NF-178		+1720	+550	5	4	44	<.4	12	16	<2	21
S9211271	NF-179		+1720	+575	4	8	38	<.4	12	17	<2	21
S9211272	NF-180		+1690	+600	4	8	32	<.4	13	16	<2	21
S9211273	NF-181		+1690	+625	2	8	22	<.4	8	12	<2	17
S9211274	NF-182		+1690	+650	5	8	31	<.4	7	15	<2	20
S9211275	NF-183		+1690	+675	5	7	30	<.4	8	14	<2	19
S9211276	NF-184		+1650	+700	3	8	21	<.4	10	11	<2	21
S9211277	NF-185		+1650	+725	5	4	27	<.4	12	12	<2	22
S9211278	NF-186		+1650	+750	2	11	30	<.4	5	13	<2	20
S9211279	NF-187		+1650	+775	6	7	33	<.4	11	15	<2	17
S9211280	NF-188		+1635	+800	5	9	25	<.4	9	12	<2	19
S9211281	NF-189		+1635	+825	9	4	30	<.4	15	15	<2	21
S9211282	NF-190		+1635	+850	4	12	38	<.4	13	18	<2	26
S9211283	NF-191		+1635	+875	6	11	28	<.4	7	14	<2	24

LAB NUMBER	FIELD NO	MAP ZONE	EAST	NORTH	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Co ppm	Ni ppm	Mo ppm	V ppm
S9211284	NF-192		+1625	+900	5	5	29	<.4	9	11	<2	13
S9211285	NF-193		+1625	+925	5	8	34	<.4	12	13	<2	18
S9211286	NF-194		+1625	+950	4	8	21	<.4	9	10	<2	22
S9211287	NF-195		+1625	+975	4	6	31	<.4	13	14	<2	22
S9211288	NF-197		+1625	+1025	2	8	24	<.4	5	10	<2	15
S9211289	NF-198		+1625	+1050	2	10	17	<.4	5	8	<2	15
S9211290	NF-199		+1625	+1075	6	10	26	<.4	12	14	<2	17
S9211291	NF-200		+1635	+1100	2	4	21	<.4	8	10	<2	13
S9211292	NF-201		+1635	+1125	3	10	18	<.4	12	13	<2	13
S9211293	NF-202		+1635	+1150	9	7	30	<.4	12	20	<2	14
S9211294	NF-203		+1635	+1175	2	10	16	<.4	9	9	<2	10
S9211295	NF-204		+1610	+1200	2	11	14	<.4	7	10	<2	13
S9211296	NF-205		+1610	+1225	4	8	15	<.4	11	13	<2	15
S9211297	NF-206		+1600	+1250	1	5	16	<.4	8	10	<2	11

I=insufficient sample X=small sample E=exceeds calibration C=being checked R=revised
 If requested analyses are not shown ,results are to follow

ANALYTICAL METHODS

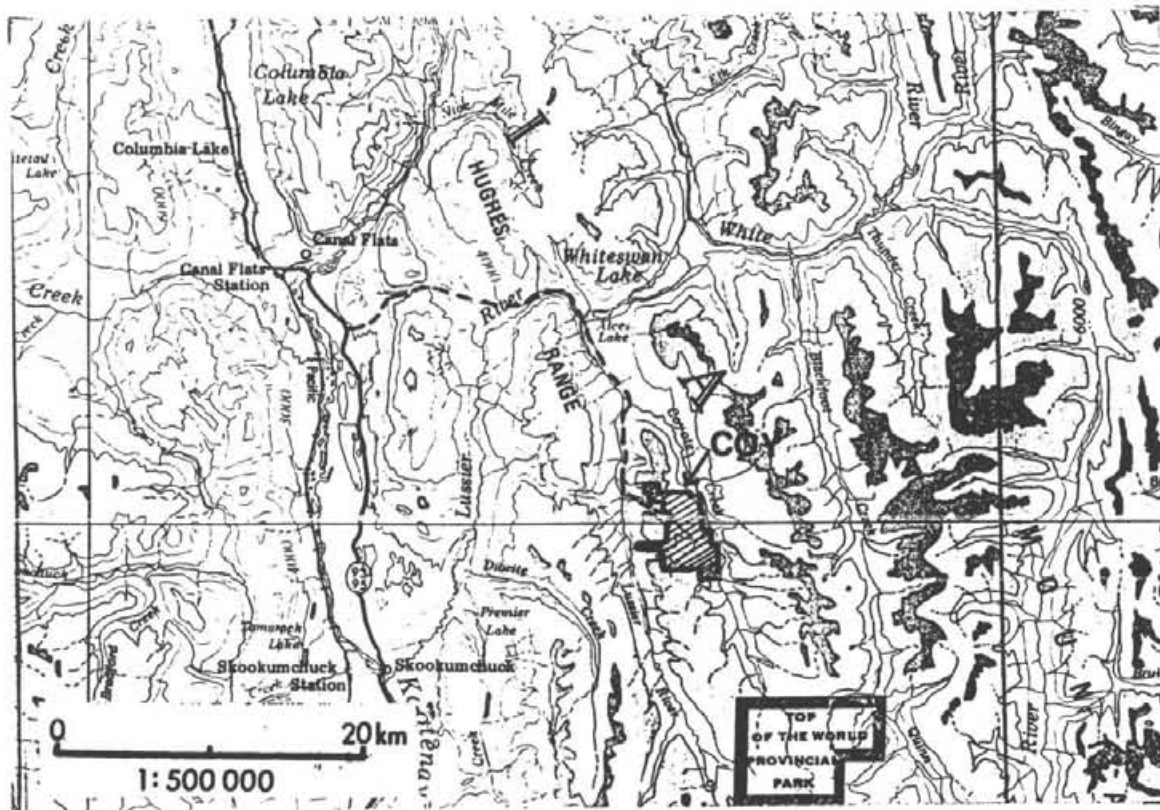
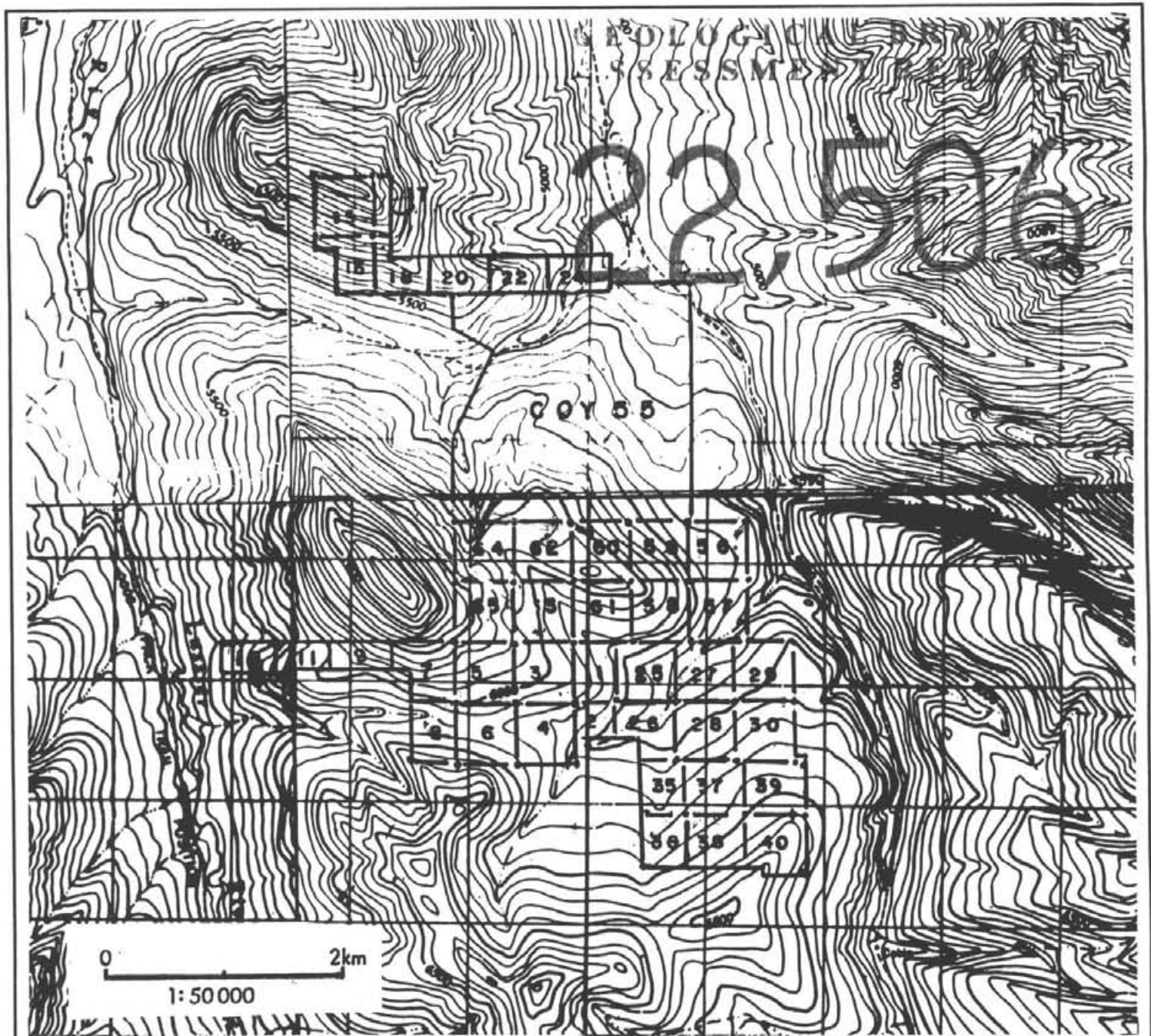
Cu 20% HNO3 decomposition / I.C.P. analysis
 Pb 20% HNO3 decomposition / I.C.P. analysis
 Zn 20% HNO3 decomposition / I.C.P. analysis
 Ag 20% HNO3 decomposition / I.C.P. analysis
 Co 20% HNO3 decomposition / I.C.P. analysis
 Ni 20% HNO3 decomposition / I.C.P. analysis
 Mo 20% HNO3 decomposition / I.C.P. analysis
 V 20% HNO3 decomposition / I.C.P. analysis

KOOTENAY GENERATIVE-WD

COY SOILS/MULL STREAM

JDB V 91-0430S
REPORT DATE 6 SEP 1991

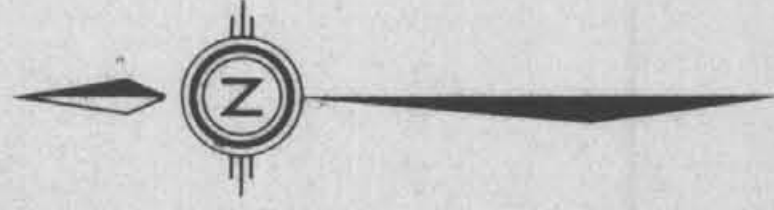
NO	FIELD NUMBER	Cu PPM	Pb PPM	Zn PPM	As PPM	As PPM	Ba PPM	Ca PPM	Co PPM	Ni PPM	Fe %	Mn PPM	Ca PPM	Bt PPM	Sa PPM	V PPM	Mg PPM	Mo %	Ti %	Al %	Ca %	Mn %	
S9124589	NF91-44	13	16	41	1.1	6	240	(1	8	23	2.86	(2	16	(5	(4	28	513	1.32	(.01	2.25	1.04	.01	.28
S9124590	NF91-45	7	24	32	(.4	(2	161	(1	5	13	2.01	(2	9	(5	(4	26	361	1.87	.02	2.41	1.40	.01	.11
S9124591	NF91-46	13	15	57	(.4	11	110	1	7	29	2.25	(2	16	(5	(4	26	518	2.09	(.01	1.26	2.34	(.01	.19
S9124592	NF91-47	4	10	60	(.4	8	155	(1	5	20	1.95	(2	7	(5	(4	25	196	1.11	.02	2.36	.41	.01	.11
S9124593	NF91-48	6	14	37	.7	(2	155	(1	5	19	1.94	(2	9	(5	(4	21	363	1.40	(.01	1.67	.79	.01	.13
S9124594	NF91-49	4	11	28	.4	5	162	(1	2	12	1.54	(2	5	(5	(4	18	58	.57	(.01	1.80	.34	.01	.11
S9124595	NF91-50	9	16	44	(.4	3	178	(1	5	30	1.95	(2	4	(5	(4	21	171	.52	(.01	1.64	.57	.01	.12
S9124596	NF91-51	8	12	51	(.4	6	137	(1	5	23	1.90	(2	9	(5	(4	23	216	1.05	(.01	1.36	.68	(.01	.13
S9124597	NF91-52	8	17	60	1.0	6	274	(1	4	33	2.17	(2	6	(5	(4	22	123	.87	.03	2.38	.71	.02	.14
S9124598	NF91-53	11	(4	99	(.4	12	139	1	5	44	1.98	(2	8	(5	(4	19	166	1.20	.05	2.66	.33	.02	.12
S9124599	NF91-54	12	9	65	(.4	13	112	(1	6	46	1.80	(2	9	(5	(4	22	104	1.49	.03	2.23	.31	.02	.14
S9124620	NF91-321	4	(4	26	.8	2	109	(1	5	15	1.58	(2	16	(5	(4	25	83	2.50	.01	1.87	.32	(.01	.11
S9124621	NF91-322	4	8	30	(.4	5	126	(1	4	11	1.52	(2	15	(5	(4	23	232	2.21	.02	1.85	.79	.01	.13
S9124622	NF91-323	5	10	32	1.1	(2	219	(1	5	11	1.81	(2	12	(5	(4	22	126	1.60	.06	3.03	.20	.02	.11
S9124623	NF91-324	6	4	17	.5	(2	136	(1	2	6	1.42	(2	6	(5	(4	22	44	1.38	.05	2.16	.19	.02	.09
S9124624	NF91-325	6	5	28	(.4	7	94	(1	3	9	1.03	(2	14	(5	(4	21	162	3.78	.01	1.30	6.40	.01	.15
S9124625	NF91-326	6	6	23	.7	9	257	(1	6	17	1.96	(2	20	(5	(4	28	103	2.34	.05	3.19	.16	.01	.14
S9124626	NF91-327	7	12	28	.9	3	125	(1	5	14	1.66	(2	19	(5	(4	27	242	2.87	.02	2.23	1.24	.01	.15
S9124627	NF91-328	9	7	33	(.4	6	193	(1	5	16	1.87	(2	15	(5	(4	27	64	2.46	.03	2.32	.22	.01	.10
S9124628	NF91-329	8	7	36	2.0	3	75	(1	6	18	1.89	(2	20	(5	(4	32	186	3.26	.02	2.44	1.83	.01	.14
S9124629	PR91-330	8	10	34	.4	6	131	(1	5	12	1.87	(2	14	(5	(4	27	99	1.81	.04	2.69	.08	.01	.09
S9124630	PR91-331	5	7	21	(.4	4	135	(1	4	12	1.79	(2	13	(5	(4	24	49	1.67	.03	1.89	.15	.01	.07
S9124631	PR91-332	9	6	31	(.4	(2	162	(1	5	16	2.50	(2	13	(5	(4	29	126	1.72	.07	3.61	.15	.01	.11
S9124632	PR91-333	9	(4	21	(.4	3	234	(1	4	11	1.93	(2	9	(5	(4	22	86	1.47	.07	3.44	.20	.02	.10
S9124633	PR91-334	3	6	22	1.0	6	141	(1	5	11	1.50	(2	11	(5	(4	23	45	1.51	.03	1.87	.17	.01	.08
S9124634	PR91-335	5	12	28	(.4	9	185	(1	5	12	1.83	(2	13	(5	(4	22	112	1.30	.08	3.75	.23	.02	.10
S9124635	PR91-336	7	4	28	.9	12	128	(1	5	10	1.81	(2	11	(5	(4	24	73	.90	.10	3.88	.11	.02	.06
S9124636	PR91-337	4	(4	22	(.4	8	161	(1	5	13	1.70	(2	14	(5	(4	23	71	1.64	.04	2.40	.19	.01	.11
S9124637	PR91-338	7	(4	33	1.4	11	93	(1	7	18	1.77	(2	26	(5	(4	33	375	3.54	(.01	1.60	2.92	(.01	.15
S9124638	PR91-339	8	(4	30	1.6	11	125	(1	8	17	1.85	(2	26	(5	(4	31	339	3.43	.01	1.97	2.85	(.01	.17



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

COY CLAIMS 1992

Scale: As shown Date: March 1992 Plate: 1

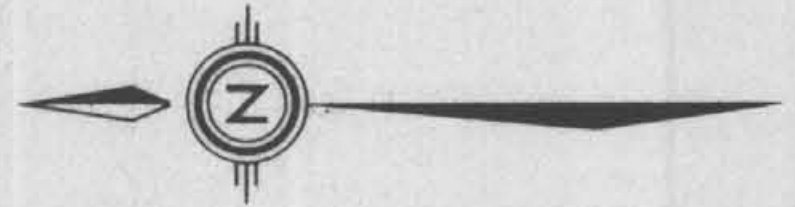


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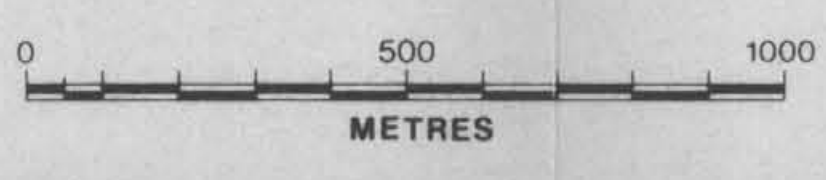


COY PROPERTY			
Drawn by: NF	Traced by:		
Revised by: []	Date: []	Revised by: []	Date: []
Soil Sample Locations			
Scale: 1:10,000		Date: AUG. 1992	Plate: Z



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COY PROPERTY		Soil Geochemistry Zinc (ppm)	Scale: 1:10,000	Date: AUG, 1992	Plate: 3
Drawn by: NF	Traced by:				
Revised by: Date	Revised by: Date				

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