COMINCO LTD.

EXPLORATION

WESTERN DISTRICT

NTS 105 G/8

1995 ASSESSMENT REPORT

BOOT PROPERTY

SOIL GEOCHEMISTRY AND GEOLOGICAL MAPPING

WATSON LAKE M.D., YUKON

CAMPBELL RANGE AREA

WORK PERIOD

JULY 8, 1995

LATITUDE: 61°26'

LONGITUDE: 130°07'

FEBRUARY, 1996

PAUL A. MacROBBIE

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1995 ASSESSMENT REPORT
BOOT PROPERTY, YUKON TERRITORY

1. SUMMARY

The BOOT property comprises 18 units in 1 claim block, and is located at the southeastern tip of Wolverine Lake, approximately 25 kms southeast of Finlayson Lake, 125 kms southeast of Ross River, and 1 km south of Westmin/Atna's Wolverine Zone.

The rocks underlying this part of southeastern Yukon have been assigned to the Yukon-Tanana Terrane (YTT) and the Slide Mountain Terrane (SMT). The YTT consists primarily of a layered sequence of metamorphosed rocks comprising a *"lower unit"* of pre-Devonian quartzite, pelitic schist and minor marble, a late Devonian to mid-Mississippian *"middle unit"* comprising carbonaceous phyllite and schist with interbanded mafic and, locally significant, felsic metavolcanics, and an *"upper unit"* of Pennsylvanian marbles and quartzite. Volcanism within the "*middle unit*" was accompanied by the intrusion of 2-3, late Devonian to Mississippian, mafic to felsic metaplutonic suites. Felsic volcanics of the middle unit are host to both Cominco's ABM and Atna/Westmin's Wolverine Zone VHMS deposits.

The BOOT property is located near the western margin of the Finlayson Lake Fault Zone, in an area underlain by mixed YTT metasediments and felsic metavolcanics with northwest trends and moderate northeast dips.

Although poorly exposed, the geology on the adjoining claim blocks indicate the BOOT property to be underlain by a mixed package of recessive black, variablely carbonaceous mudstone and somewhat less recessive felsic volcaniclastics and subvolcanic intrusives(?). These felsics appear very similar lithologically to felsic volcanics which host or immediately underlie a regionally extensive Fe-formation and Atna/Westmin's Wolverine Zone VHMS Deposit. As such, this felsic volcaniclastic package on the BOOT may represent another felsic volcanic pulse with good potential to host VHMS deposits.

The 4 soil lines on the property returned several samples highly elevated or anomalous in Pb, Zn, Ag and Ba. Most of the anomalous samples occur in the northwest corner of the property, along a streams draining the area of the Wolverine Zone. This likely reflects down creek dispersion; however, other significant anomalies, in particular Pb, are located elsewhere and require evaluation.

Systematic soil geochemistry, ground geophysical surveys (HLEM/MAG, GRAVITY) and geological mapping is recommended over the entire property to evaluate known AEM/MAG features.

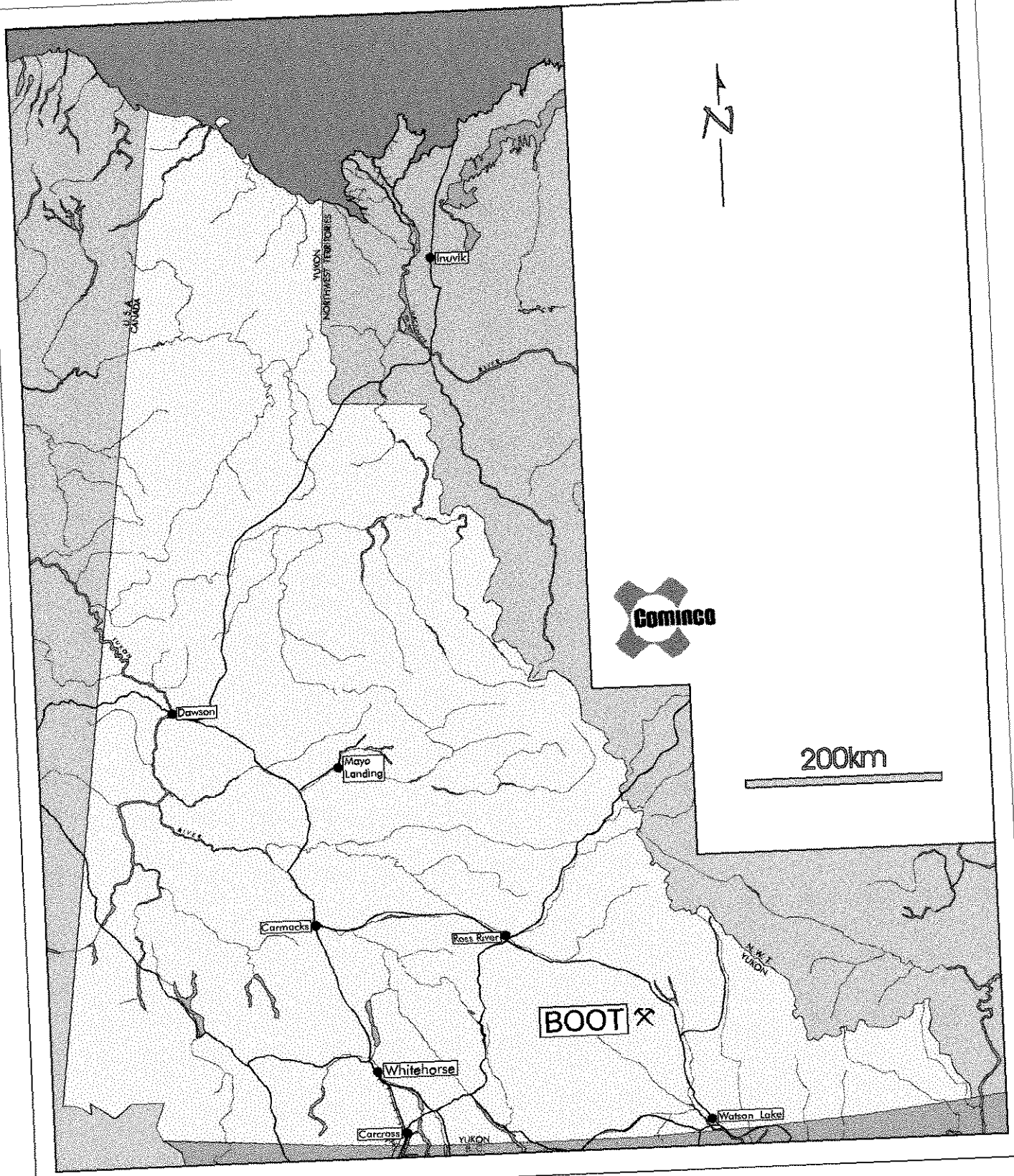
2. LOCATION AND ACCESS

The BOOT property is located at the southeast corner of Wolverine Lake, approximately 25 kms southeast of Finlayson Lake and 125 kms southeast of Ross River, Yukon (Figure 1). The property lies about 15 kms eastsoutheast of Cominco's ABM VHMS deposit, and less than 1 km south of Atna/Westmin's Wolverine Zone VHMS Deposit. The gravel, all-weather Robert Campbell Highway provides access to within 15 kms of the property. Direct access is by helicopter

3. PROPERTY AND OWNERSHIP

The BOOT property, totalling 18 units due April 15, 1996/7 (Figure 2), is 100% owned by Cominco Ltd. The southeastern edge of the BOOT claims is contiguous with the GO claim block. Westmin/Atna's FOOT claims lie to the north and south of the BOOT claim block.

NAME	UNITS	CLAIM NO.	DUE DATES
BOOT 1-7	7	YB47794-800	May 2, 1999
BOOT 8-18	11	YB48402-412	May 2, 1999



Drawn by:		Traced by: a. m. a.	
Revised by:	Date:	Revised by:	Date:

BOOT PROPERTY LOCATION MAP

105 G/8

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

4. PREVIOUS WORK

Prior Cominco work includes broad heavy mineral and minor silt and soil sampling in the immediate property area in 1977 and recce geological mapping in 1993.

At the south end of Wolverine Lake, just north of the BOOT property, is the Fetish showing (Minfile #72). This showing was initially staked by the Finlayson JV in 1973. The FJV conducted grid soil sampling, geological mapping, trenching and drilled 2 holes (249 m) in the same year and more soil sampling in 1974. The mineralization consists of trace chalcopyrite and galena in strongly leached, limonitic chloritic schists and quartz float. Drilling intersected thin bands of chalcopyrite and sphalerite in a soft, contorted talc-sericite-chlorite schist unit up to 20 metres thick. Several magnetite Fe-formations are present stratigraphically above the Fetish mineralization. This showing was staked by Atna Resources Ltd. in 1994 and was subsequently optioned to Westmin in 1995. Drilling by Westmin in 1995 lead to the discovery of the Wolverine Zone VHMS Deposit. The best 1995 drill intercept was 8.3 metres of 14.2% Zn, 0.6% Cu, 7.6% Pb, 1,351 g/t Ag and 3.5 g/t Au.

5. 1995 WORK

GEOLOGICAL MAPPING

On July 8, 1995, 1:10,000 scale geological mapping and prospecting was carried out by D. Senft (Figure 3).

SOIL GEOCHEMISTRY

A total of 99 soil samples were collected on July 8, 1995. Sample locations are shown in Figure 4.

The soil samples were analyzed for Cu, Pb, Zn, Ag, As, Cd, Co, Ni, Fe, Mo, Cr, Bi, Sb, V, Sn, W, Sr, Y, La, Mn, Mg, Ti, Al, Ca, Na and K by I.C.P., Au by Aqua Regia decomposition/AAS and Ba by XRF at Cominco Exploration Research Laboratory (CERL) in Vancouver. Data is presented in Appendix 2.

6. REGIONAL GEOLOGY

The rocks underlying this part of southeastern Yukon have been assigned to 2 terranes: the Yukon-Tanana Terrane (YTT) and the Slide Mountain Terrane (SMT) (Mortensen, 1983a; Mortensen and Jilson, 1985).

The YTT consists primarily of a layered sequence of metamorphosed rocks comprising a *"lower unit"* of pre-Devonian quartzite, pelitic schist and minor marble, a late Devonian to mid-Mississippian *"middle unit"* (3F) comprising carbonaceous phyllite and schist with interbanded mafic and, locally significant, felsic metavolcanics (3G), and an *"upper unit"* of Pennsylvanian marbles and quartzite. Volcanism within the "*middle unit*" was accompanied by the intrusion of 2-3, late Devonian to Mississippian, mafic to felsic metaplutonic suites (Simpson Range suite and augen and monzonitic orthogneisses). This sequence appears to reflect stable platformal or shelf sedimentation with an intervening period of mafic to felsic arc volcanism developed within a more reduced basinal setting.

The late Devonian to Triassic SMT comprises a heterogenous package of mafic to ultramafic plutonic rocks, mafic volcanics, massive carbonate and chert. This sequence was structurally emplaced as thrust bounded klippen on YTT rocks or as thrust slices imbricated within YTT rocks during a period of crustal shortening (D2). The SMT is thought to represent a disrupted oceanic crust and volcanic arc assemblage thought to be located between the YTT and ancestral North America(?).

A subhorizontal to moderately north to northeast dipping, penetrative ductile deformation fabric (S2) and associated middle greenschist facies (chlorite-biotite grade) metamorphism affects all YTT rocks. This fabric reflects the first, and most significant, deformational and metamorphic event (D1) perhaps related to a continent-arc collision during late Permian to early Triassic time.

Late Triassic immature clastics comprising micaceous argillite, siltstone and sandstone unconformably(?) overlie the deformed and metamorphosed YTT rocks. These sediments are often closely associated with SMT volcanics and are invariably in fault contact with YTT rocks.

The SMT, Late Triassic sediments and Late Triassic to Middle Jurassic plutons are all affected by a period of Middle Jurassic to Late Cretaceous thrust faulting (D2), during which the Finlayson Lake Fault Zone was formed. This complex fault zone contains both thrust and steep, transcurrent(?) faults and separates the YTT from autochthonous North America (Mortensen, 1983a; Mortensen and Jilson, 1985). Thrust faulting continued after the formation of the Finlayson Lake Fault Zone as indicated by the presence of over thrust sheets of SMT rocks (Campbell Range Belt) above the fault zone.

7. PROPERTY GEOLOGY

The BOOT property is located near the western margin of the Finlayson Lake Fault Zone, in an area underlain by mixed YTT metasediments and felsic metavolcanics which have been overthrust by SMT mafic/intermediate volcanics (Plint, 1994).

The property is very poorly exposed with outcrops restricted to creeks and upper elevations of the property. The stratigraphy generally trends northwest with moderate northeast dips.

Although poorly exposed, the geology on the adjoining claim blocks indicate the BOOT property to be underlain by a mixed package of recessive black, variablely carbonaceous mudstone and somewhat less recessive felsic volcaniclastics and subvolcanic intrusives(?).

In the northwestern part of the property, a relatively thin (few 100? metres thick) felsic metavolcanic unit is present in two small outcrops. This unit comprises predominantly fine-grained, light green grey, thinly banded/bedded to massive quartz-sericite±feldspar-chlorite phyllite and schists. These phyllites/schists are locally rusty weathering due to the presence of trace, fine disseminated pyrite±chalcopyrite. Minor quartz and quartz-feldspar (locally augened) phyric schists (crystal-rich tuffs?) with possible fragmental textures have been noted. This unit is significant in that these felsics appear very similar lithologically to felsics which host or immediately underlie a regionally extensive Fe-formation and Atna/Westmin's Wolverine Zone VHMS Deposit. As such, this felsic volcaniclastic package on the BOOT may represent another felsic volcanic pulse with good potential to host VHMS deposits.

Approximately 100 metres to the north of these felsic volcanics are several small outcrops of a quartz-feldspar porphyry subvolcanic intrusive or flow(?). This unit contains small clear blue quartz eyes with much larger feldspar phenocrysts (10-15 mm). A weak schistosity is marked by thin biotitic laminations. A similar porphyry is found in the southeast end of the property and are also present in the felsic sequence hosting Cominco's ABM VHMS Deposit.

8. MINERALIZATION

No mineralization has been located on the BOOT property.

The most significant discovery in the BOOT area is the Atna/ Westmin's Wolverine Zone VHMS Deposit. This zone is hosted within intercalated felsic volcaniclastics and variablely carbonaceous argillites immediately footwall to a regionally extensive quartz-magnetite±barite-hematite-pyrite Fe-formation. The best 1995 drill intercept was 8.3 metres of 14.2% Zn, 0.6% Cu, 7.6% Pb, 1,351 g/t Ag and 3.5 g/t Au.

9. SOIL GEOCHEMISTRY

Soil samples were collected along four lines, three with 50 metre spaced stations, the fourth with 100 metre spaced stations (Figure 3). Results returned several samples with highly elevated to anomalous values of Pb (up to 208 ppm), Zn (up to 2479 ppm), Ag (up to 5.0 ppm), and Ba (up to 2346 ppm). The samples highly anomalous in Zn all occur near the stream which drains the area of the Wolverine Zone.

10. CONCLUSIONS AND RECOMMENDATIONS

The BOOT property is located near the western margin of the Finlayson Lake Fault Zone, in an area underlain by mixed YTT metasediments and felsic metavolcanics with northwest trends and moderate northeast dips.

Although poorly exposed, the geology on the adjoining claim blocks indicate the BOOT property to be underlain by a mixed package of recessive black, variablely carbonaceous mudstone and somewhat less recessive felsic volcaniclastics and subvolcanic intrusives(?). These felsics appear very similar lithologically to felsic volcanics which host or immediately underlie a regionally extensive Fe-formation and Atna/Westmin's Wolverine Zone VHMS Deposit. As such, this felsic volcaniclastic package on the BOOT may represent another felsic volcanic pulse with good potential to host VHMS deposits.

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Systematic soil geochemistry, ground geophysical surveys (HLEM/MAG, GRAVITY) and geological mapping is recommended over the entire property to evaluate known AEM/MAG features.

Report by: _____
P.A. MacRobbie, P.Geo
Geologist

PROFESSIONAL ENGINEER
PROVINCE OF
P.A. MacROBBIE

Endorsed by: _____
D. Rhodes,
Senior Geologist

Approved for Release by: _____
D. Moore
Manager, Exploration
Western Canada

PAM/

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11. REFERENCES

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PLINT, H. E., 1994. GEOLOGICAL MAPPING IN THE CAMPBELL RANGE, SOUTHEASTERN YUKON (PARTS OF 105 G/8, G/9 AND 105 H/5,H/12); Yukon Exploration and Geology 1994: Part C, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs, Canada, p. 47-58.

MORTENSEN, J. K., 1983a. AGE AND EVOLUTION OF THE YUKON-TANANA TERRANE, SOUTHEASTERN YUKON TERRITORY [Ph.D. Thesis]; Santa Barbara, University of California, 155 p.

MORTENSEN, J. K. AND JILSON, G. A., 1985. EVOLUTION OF THE YUKON-TANANA TERRANE : EVIDENCE FROM SOUTHEASTERN YUKON TERRITORY; Geology, 13, p. 806-810.

APPENDIX 1

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Paul A. MacRobbie, of 11164 Southridge Rd., Delta, B.C. hereby declare that I:

1. Graduated from Carleton University, Ottawa, Ontario with a B.Sc. in Geology in May, 1986 and a M.Sc. in Geology in June, 1988.

2. Have been actively engaged in mineral exploration in Western Canada as a permanent geologist with Cominco Ltd. since June, 1988.

3. Am a registered member of The Association of Professional Engineers and Geoscientists of the Province of British Columbia.

Date: February, 1996

P.A MacROBBIE, P.Geo
GEOLOGIST

APPENDIX 2

1995 GEOCHEMISTRY DATA

Lab,Field,S,M,O,S,C,S,O,W,Dpth,W/S,F/H,Cu,Pb,Zn,Ag,As,Ba,Cd,Co,Ni,Fe,Mo,Cr,Bi,Sb,V,Sn,W,Sr,Y,La,Mn,Mg,Ti,Al,Ca,Na,K,Au,Ba(XRF)

FIELDNO	PROPERTY	CU	PB	ZN	AG	AS	BA_A	CD	CO	NI	FE	MO	CR	BI	SB	V	SN	W	SR	Y	LA	MN	MG	TI	AL	CA	NA	K	AU	BA_B
297001	BOOT	81	20	2479	0.5	29	360	24	8	91	2.32	1	11	2	12	18	6	1	40	10	9	1816	0.17	0.01	0.45	0.6	0.01	0.02	5	1939
297002	BOOT	37	14	107	0.4	18	44	1	4	22	1.67	2	12	2	2	21	1	1	13	5	12	137	0.21	0.01	0.62	0.1	0.01	0.04	5	1327
297003	BOOT	44	20	132	0.8	20	122	1	9	32	2.21	1	15	2	2	28	8	1	33	9	12	629	0.33	0.01	0.77	0.39	0.01	0.05	5	1666
297004	BOOT	17	9	40	1	6	73	1	3	8	0.7	1	5	2	2	11	1	1	24	3	5	342	0.15	0.01	0.36	0.31	0.02	0.03	5	1354
297005	BOOT	48	31	121	0.6	20	100	1	6	23	1.79	4	11	2	2	23	1	1	29	12	16	188	0.21	0.01	0.64	0.28	0.01	0.06	5	1685
297006	BOOT	11	187	67	0.5	18	39	1	6	8	1.42	1	8	2	2	10	5	1	11	6	17	349	0.16	0.01	0.56	0.11	0.01	0.07	5	1486
297007	BOOT	12	102	61	0.8	24	56	1	3	8	1.29	3	8	2	2	12	1	1	15	6	17	99	0.15	0.01	0.53	0.18	0.01	0.07	5	1384
297008	BOOT	11	208	66	0.5	15	110	1	3	7	1.21	1	8	2	2	10	1	1	19	9	16	76	0.17	0.01	0.67	0.28	0.01	0.07	5	1413
297009	BOOT	28	28	79	0.6	9	204	1	7	19	2.11	1	12	5	2	15	1	1	23	16	23	163	0.28	0.01	0.89	0.33	0.01	0.07	5	1739
297010	BOOT	23	45	103	2.2	19	123	1	8	17	2.11	1	8	2	2	14	1	1	28	11	15	441	0.22	0.01	0.68	0.51	0.01	0.02	5	1994
297011	BOOT	77	29	187	1.2	23	189	1	8	34	2.42	2	7	2	2	14	1	1	67	20	20	250	0.18	0.01	0.74	1.1	0.01	0.02	5	2240
297012	BOOT	57	32	137	0.5	16	108	1	7	29	2.85	2	12	2	2	17	8	1	42	7	18	219	0.19	0.01	0.6	0.67	0.01	0.03	5	2238
297013	BOOT	32	11	70	0.5	10	82	1	4	16	1.37	1	4	2	2	5	1	1	37	12	19	161	0.07	0.01	0.43	0.69	0.01	0.01	5	1693
297014	BOOT	12	8	42	0.5	16	55	1	2	9	0.87	2	5	2	2	26	1	1	10	2	10	50	0.11	0.01	0.54	0.19	0.01	0.02	5	1679
297015	BOOT	50	2	531	0.6	14	312	6	16	67	4.09	1	110	2	5	120	10	1	43	11	8	386	2.92	0.14	3.21	1.27	0.01	0.28	5	1710
297016	BOOT	104	5	65	0.5	13	428	1	4	21	0.87	4	11	2	2	19	1	1	27	27	29	77	0.21	0.02	0.68	0.44	0.02	0.05	5	2180
297017	BOOT	64	4	82	0.2	32	191	1	8	39	2.69	1	33	2	2	171	1	1	22	9	28	87	1.65	0.12	1.8	0.29	0.01	0.85	5	2084
297018	BOOT	32	11	104	0.5	15	154	1	9	29	1.6	1	23	2	2	48	1	1	27	6	11	319	0.86	0.04	1.18	0.63	0.01	0.07	5	1953
297019	BOOT	31	10	76	0.2	15	122	1	6	27	1.58	1	27	2	2	59	2	1	22	8	14	167	1	0.05	1.22	0.55	0.01	0.11	5	2084
297020	BOOT	20	13	39	0.4	15	80	1	5	16	1.12	1	19	5	2	40	1	1	19	6	9	155	0.63	0.03	0.83	0.47	0.01	0.05	5	1801
297021	BOOT	7	14	17	0.4	4	45	1	1	3	0.49	1	5	2	2	32	8	1	3	2	8	25	0.04	0.06	0.4	0.04	0.01	0.02	5	1789
297022	BOOT	55	8	58	0.6	10	230	1	3	24	0.93	1	10	2	2	22	1	1	108	41	30	296	0.36	0.01	0.73	2.7	0.01	0.04	5	1244
297023	BOOT	2	2	1	0.2	4	29	1	1	1	0.04	1	2	2	2	1	1	1	8	1	1	9	0.01	0.01	0.09	0.13	0.03	0.01	5	1072
297024	BOOT	18	7	48	0.2	23	112	1	6	20	1.3	1	22	2	2	46	2	1	18	8	15	204	0.71	0.04	0.91	0.41	0.01	0.07	5	1735
297025	BOOT	57	19	151	0.8	42	350	1	7	37	2.27	6	29	2	2	36	1	1	96	57	67	343	0.64	0.01	1.74	2.29	0.01	0.14	5	1552
297026	BOOT	66	15	328	0.6	32	258	10	4	38	1.12	1	15	2	2	21	1	1	103	50	59	408	0.46	0.01	0.92	2.64	0.01	0.06	5	1398
297027	BOOT	24	4	35	0.2	15	131	1	1	11	0.46	7	6	2	2	7	1	1	40	41	53	67	0.14	0.01	0.65	0.91	0.03	0.04	5	1226
297028	BOOT	42	30	77	0.2	16	509	4	11	24	2.42	21	27	2	2	31	11	1	57	112	187	698	0.33	0.01	2.09	0.69	0.01	0.09	5	1975
297029	BOOT	18	8	45	0.2	9	208	1	6	16	1.28	1	16	2	2	24	1	1	13	14	24	294	0.39	0.03	0.74	0.29	0.01	0.05	5	1553
297030	BOOT	1	2	3	0.2	11	22	1	1	1	0.06	1	2	2	2	1	1	1	5	2	4	7	0.01	0.01	0.07	0.05	0.02	0.01	5	1039
297031	BOOT	23	36	49	1.4	27	208	1	4	11	0.95	3	15	2	2	19	1	1	72	24	29	473	0.26	0.01	0.74	1.69	0.01	0.04	5	1634
297032	BOOT	15	7	34	0.7	7	155	1	2	9	0.73	1	12	2	2	13	1	1	13	6	13	73	0.17	0.01	0.64	0.19	0.01	0.03	5	1408
297033	BOOT	6	11	29	0.2	11	63	1	2	6	0.71	1	10	2	2	25	1	1	8	2	5	72	0.23	0.01	0.46	0.11	0.01	0.03	5	1383
297034	BOOT	11	12	23	0.4	13	55	1	1	6	0.38	1	5	2	2	12	7	1	9	2	5	35	0.07	0.02	0.19	0.13	0.01	0.02	5	1650
297035	BOOT	29	13	96	0.7	11	161	1	7	22	1.56	1	22	2	2	35	1	1	36	12	14	369	0.61	0.02	0.99	0.86	0.01	0.05	5	1839
297036	BOOT	33	10	92	0.5	17	200	1	9	28	2	1	35	2	2	47	1	1	21	6	12	278	1.06	0.05	1.32	0.46	0.01	0.12	5	2346
297037	BOOT	50	15	113	0.6	20	236	1	9	34	2.17	1	36	2	2	51	1	1	22	11	18	348	0.97	0.04	1.31	0.51	0.01	0.07	5	2407
297038	BOOT	28	17	112	0.2	12	125	1	6	21	1.5	4	21	2	2	25	8	1	19	10	20	189	0.57	0.02	0.9	0.42	0.01	0.06	5	1957
297039	BOOT	48	16	299	1	17	428	5	11	50	2.49	1	26	2	2	33	1	1	55	27	26	3580	0.83	0.02	1.57	1.19	0.01	0.08	5	2326
297040	BOOT	9	5	23	0.5	1	45	1	1	3	0.23	1	4	2	2	8	1	1	5	1	9	45	0.01	0.01	0.16	0.03	0.01	0.01	5	1740
297041	BOOT	77	30	2423	0.9	7	321	18	7	76	2.02	3	12	2	2	20	1	1	39	12	11	965	0.22	0.01	0.55	0.56	0.01	0.03	5	1980
297042	BOOT	39	22	196	0.6	9	523	2	9	28	1.66	1	21	2	2	24	1	1	19	6	8	294	0.47	0.03	0.76	0.37	0.01	0.04	5	2129
297043	BOOT	50	17	233	0.9	13	387	1	8	33	1.69	1	18	2	2	22	1	1	23	9	11	353	0.42	0.01	0.63	0.44	0.01	0.04	5	1951
297044	BOOT	58	21	672	1.2	6	261	5	9	50	2.06	1	26	2	2	38	8	1	54	11	12	466	0.84	0.03	1.18	1.2	0.01	0.09	5	2023
297045	BOOT	23	17	248	2.5	10	198	2	6	21	1.28	1	17	2	2	21	1	2	33	6	9	310	0.46	0.01	0.69	0.69	0.01	0.03	5	1975
297046	BOOT	69	43	2351	1.4	15	368	16	10	76	2.27	1	21	9	2	39	1	1	45	11	12	1037	0.69	0.03	0.95	0.94	0.01	0.11	5	2055
297047	BOOT	53	24	1103	0.7	30	230	4	9	46	2.12	1	21	2	2	32	6	1	46	15	17	439	0.74	0.02	1.17	1.01	0.01	0.06	5	1783
297048	BOOT	25	15	168	0.5	4	205	1	6	21	1.44	1	18	2	2	27	2	1	41	8	11	279	0.49	0.02	0.87	0.97	0.01	0.06	5	1642
297049	BOOT	26	18	151	0.5	32	226	1	7	20	1.35	1	21	2	2	23	1	1	46	9	13	422	0.44	0.01	0.89	0.89	0.01	0.05	5	1746
297050	BOOT	20	13	101	0.2	17	153	1	9	27	1.78	1	35	2	2	35	1	1	18	7	11	339	0.72	0.02	1.07	0.4	0.01	0.05	5	1772
297051	BOOT	25	14	89	0.6	9	247	1	9	31	1.95	1	34	2	2	36	1	1	18	13	17	463	0.62	0.03	1.24	0.28	0.01	0.09	5	1723
297052	BOOT	10	4	35	0.4	5	149	1	3	11	0.85	1	19	2	2	18	1	5	25	4	7	107	0.35	0.01	0.69	0.59	0.01	0.05	5	1572
298610	BOOT	34	13	99	0.2	12	158	1	4	18	1.38	1	10	2	2	12	1	1	81	16	18	416	0.37	0.01	0.97	2.3	0.01	0.05	5	1355
298611	BOOT	11	5	21	0.2	6	88	1	2	4	0.38	1	2	2	2	4	2	1	44	3	4	228	0.07	0.01	0.46	1.13	0.01	0.02	5	1235
298612	BOOT	26	14	132	0.2	13	132	1	6	19	1.55	1	14	2	2	18	1	1	29	8	12	647	0.46	0.01	1.16	0.61	0.01	0.05	5	1729
298613	BOOT	71	11	208	0.5	27	118	1	9	42	2.65	2	24	2	2	31	15	5	35	18	18	408	0.79	0.01	1.44	0.8	0.01	0.08	5	1873
298614	BOOT	98	22	134	0.2	19	87	1	15	50	3.08	5	34	2	2	34	3	1	27	19	39	363	0.85	0.02	1.42	0.61	0.01	0.12	5	1987
298615	BOOT	14	6	31	0.2	1	67	2	1	6	0.34	1	2	2	2	4	1	2	35	3	5	76	0.09	0.01	0.73	0.93	0.01	0.01	5	1155
298616	BOOT	28	13	326	0.2	13	175	4	9	37	2.54	5	16	2	2	18	1	1	29	14	30	410	0.92	0.02	1.38	0.7	0.01	0.12	5	1935
298617	BOOT	3	5	11	0.2	1	16	1	1	1	0.15	1	2	2	2	2	1	6	2	1	1	18	0.01	0.01	0.15	0.01	0.01	0.01	5	1217

Lab,Field,S,M,O,S,C,S,O,W,Dpth,W/S,F/H,Cu,Pb,Zn,Ag,As,Ba,Cd,Co,Ni,Fe,Mo,Cr,Bi,Sb,V,Sn,W,Sr,Y,La,Mn,Mg,Ti,Al,Ca,Na,K,Au,Ba(XRF)

298618	BOOT	3	4	4	0.2	1	14	1	1	1	0.16	1	2	2	2	2	1	8	2	1	2	16	0.01	0.01	0.25	0.01	0.01	0.02	5	1236
298619	BOOT	5	4	22	0.2	22	15	1	1	3	0.95	1	2	2	2	10	1	2	3	1	5	46	0.01	0.01	0.19	0.01	0.01	0.02	5	1327
298620	BOOT	26	7	25	0.5	7	139	1	3	9	0.73	1	5	2	7	6	1	1	81	8	8	507	0.14	0.01	0.7	1.71	0.01	0.11	5	1268
298621	BOOT	9	8	48	0.2	13	94	1	2	2	0.91	1	4	2	2	6	1	1	43	2	3	373	0.16	0.01	0.46	0.86	0.01	0.04	5	1429
298622	BOOT	14	18	78	0.2	44	29	1	3	13	2.78	1	5	2	2	21	1	1	2	1	7	171	0.09	0.01	0.7	0.01	0.01	0.05	5	1503
298623	BOOT	7	13	37	0.2	61	32	1	1	6	1.17	1	2	2	2	12	1	2	3	1	7	110	0.03	0.01	0.64	0.01	0.01	0.02	5	1392
298624	BOOT	14	19	168	0.2	16	65	1	7	40	3.63	2	14	2	2	17	5	1	7	3	8	291	0.44	0.01	1.37	0.09	0.01	0.04	5	1888
298625	BOOT	10	11	47	0.2	11	42	1	1	7	1.71	1	4	2	2	17	3	1	2	1	8	111	0.08	0.01	0.76	0.01	0.01	0.03	5	1419
298626	BOOT	40	20	161	0.2	20	32	1	7	37	2.76	1	12	2	2	39	4	1	5	4	9	341	0.18	0.01	0.73	0.01	0.01	0.02	5	1353
298627	BOOT	28	16	83	0.2	2	50	1	3	15	2.21	3	9	2	2	35	1	1	6	2	9	164	0.15	0.01	0.76	0.01	0.01	0.03	5	1476
298628	BOOT	110	24	345	5	12	117	3	7	56	2.33	5	18	2	2	22	1	1	35	27	33	389	0.28	0.01	0.9	0.56	0.01	0.03	5	1688
298629	BOOT	37	11	58	0.2	5	54	1	7	16	2.47	1	11	2	2	23	1	1	10	2	6	545	0.37	0.01	0.89	0.16	0.01	0.03	5	1458
298630	BOOT	14	31	192	0.5	52	155	1	5	16	1.89	6	7	2	2	10	1	1	36	13	17	2172	0.15	0.01	0.82	0.65	0.01	0.03	5	1470
298631	BOOT	12	7	26	0.2	18	21	1	1	8	0.77	1	2	2	2	12	1	1	3	1	5	61	0.03	0.01	0.38	0.01	0.01	0.01	14	1451
298632	BOOT	2	4	8	0.2	7	20	1	1	1	0.31	1	2	2	2	4	1	1	2	1	4	31	0.01	0.01	0.33	0.01	0.01	0.01	5	1421
298633	BOOT	8	12	454	0.2	28	52	1	7	22	2.95	3	4	2	2	5	12	1	64	14	19	469	0.02	0.01	0.65	0.1	0.01	0.01	5	1494
298634	BOOT	91	23	121	0.2	7	82	1	7	35	4.11	3	18	2	2	56	1	1	22	5	10	191	0.47	0.02	1.07	0.13	0.01	0.1	5	1891
298635	BOOT	43	19	76	0.2	56	61	1	7	27	3.52	1	17	2	2	23	10	6	9	6	12	296	1.04	0.02	1.69	0.09	0.01	0.06	5	1662
298636	BOOT	17	10	46	0.2	11	41	1	4	13	1.93	2	8	2	2	18	1	1	4	3	9	161	0.21	0.01	0.6	0.03	0.01	0.04	5	2450
298637	BOOT	27	16	43	0.2	17	48	1	5	18	1.88	1	2	2	2	23	1	1	14	2	10	81	0.02	0.01	0.3	0.01	0.01	0.02	5	2004
298638	BOOT	1	9	8	0.2	11	20	1	1	2	0.9	1	2	2	2	1	1	1	11	1	6	26	0.01	0.01	0.12	0.01	0.01	0.01	5	1825
298639	BOOT	22	13	191	0.2	20	107	1	14	95	3.91	1	5	2	2	7	10	1	61	10	23	554	0.23	0.01	0.45	0.21	0.01	0.08	5	1504
298640	BOOT	32	11	89	0.2	18	157	1	5	26	2.05	3	7	2	2	11	13	1	38	7	15	492	0.22	0.01	0.68	0.55	0.01	0.03	5	1582
298641	BOOT	57	13	63	1.1	7	236	1	7	20	1.94	2	9	2	5	18	1	1	138	14	16	524	0.26	0.01	0.77	2.82	0.01	0.02	5	1660
298642	BOOT	56	14	106	0.2	12	96	1	8	32	2.42	4	17	2	2	23	1	1	25	13	24	270	0.78	0.02	1.16	0.4	0.01	0.08	5	1933
298643	BOOT	35	15	84	0.2	13	113	1	7	22	1.94	4	14	2	2	21	1	1	21	5	12	294	0.61	0.01	1.03	0.33	0.01	0.05	5	1914
298644	BOOT	35	10	116	0.2	17	103	1	6	19	2	1	15	2	2	21	2	1	25	7	14	284	0.61	0.01	1.09	0.43	0.01	0.06	5	1771
298645	BOOT	48	10	124	0.2	12	178	1	6	26	1.77	1	15	2	2	20	1	1	44	10	17	169	0.59	0.01	1.31	0.68	0.01	0.06	5	1805
298646	BOOT	32	12	85	0.2	3	221	1	6	21	1.69	2	20	2	2	19	1	1	35	13	19	180	0.58	0.01	1.05	0.63	0.01	0.04	5	1964
298647	BOOT	12	10	45	0.2	1	91	1	4	10	1.1	1	12	2	2	13	1	1	17	3	6	204	0.36	0.01	0.67	0.28	0.01	0.03	5	1548
298648	BOOT	24	15	73	0.2	7	123	1	9	20	2.1	5	21	2	2	23	1	1	18	3	7	398	0.36	0.01	0.9	0.26	0.01	0.03	5	1829
298649	BOOT	22	12	64	0.2	20	152	1	6	17	1.81	1	15	2	2	21	5	1	21	6	12	371	0.4	0.01	0.97	0.28	0.01	0.03	5	1777
298650	BOOT	83	15	79	1	12	157	2	11	47	2.04	6	9	2	2	12	1	1	88	16	30	1018	0.38	0.01	0.95	1.7	0.01	0.03	5	1781
298651	BOOT	44	18	143	0.2	18	98	1	8	37	2.86	2	24	2	2	33	4	1	12	5	8	278	0.43	0.01	1.17	0.17	0.01	0.04	5	2023
298652	BOOT	18	9	42	1.8	7	84	1	1	10	0.86	1	8	2	2	14	7	1	11	2	5	42	0.13	0.01	0.52	0.19	0.01	0.04	5	1329
298653	BOOT	24	16	45	0.5	5	159	1	3	10	1.32	4	10	2	2	25	1	1	16	10	37	89	0.14	0.01	0.63	0.26	0.01	0.02	5	2001
298654	BOOT	16	13	61	0.2	4	86	1	3	13	1.8	1	12	2	2	35	1	1	5	3	8	106	0.29	0.01	0.91	0.07	0.01	0.03	5	1920
298655	BOOT	20	15	77	0.2	16	147	1	5	21	2.58	5	22	2	2	45	6	1	5	4	8	147	0.48	0.02	1.39	0.07	0.01	0.04	5	2045
298656	BOOT	22	14	37	0.4	4	135	1	3	10	1.04	1	9	2	2	16	9	1	12	2	6	69	0.12	0.01	0.61	0.18	0.01	0.02	5	1788

APPENDIX 3

1995 STATEMENT OF EXPENDITURES

BOOT PROPERTY

EXPENDITURE ITEM	COST $
STAFF COSTS	1,035
DOMICILE	255
GEOCHEMISTRY	1,487
HELICOPTER	1,053
COMMUNICATIONS	60
TRUCK RENTAL	100
FREIGHT	200
EXPEDITING	355
DRAFTING/REPRODUCTIONS	882
TOTAL	**5,427**

N.T.S. 105G/8

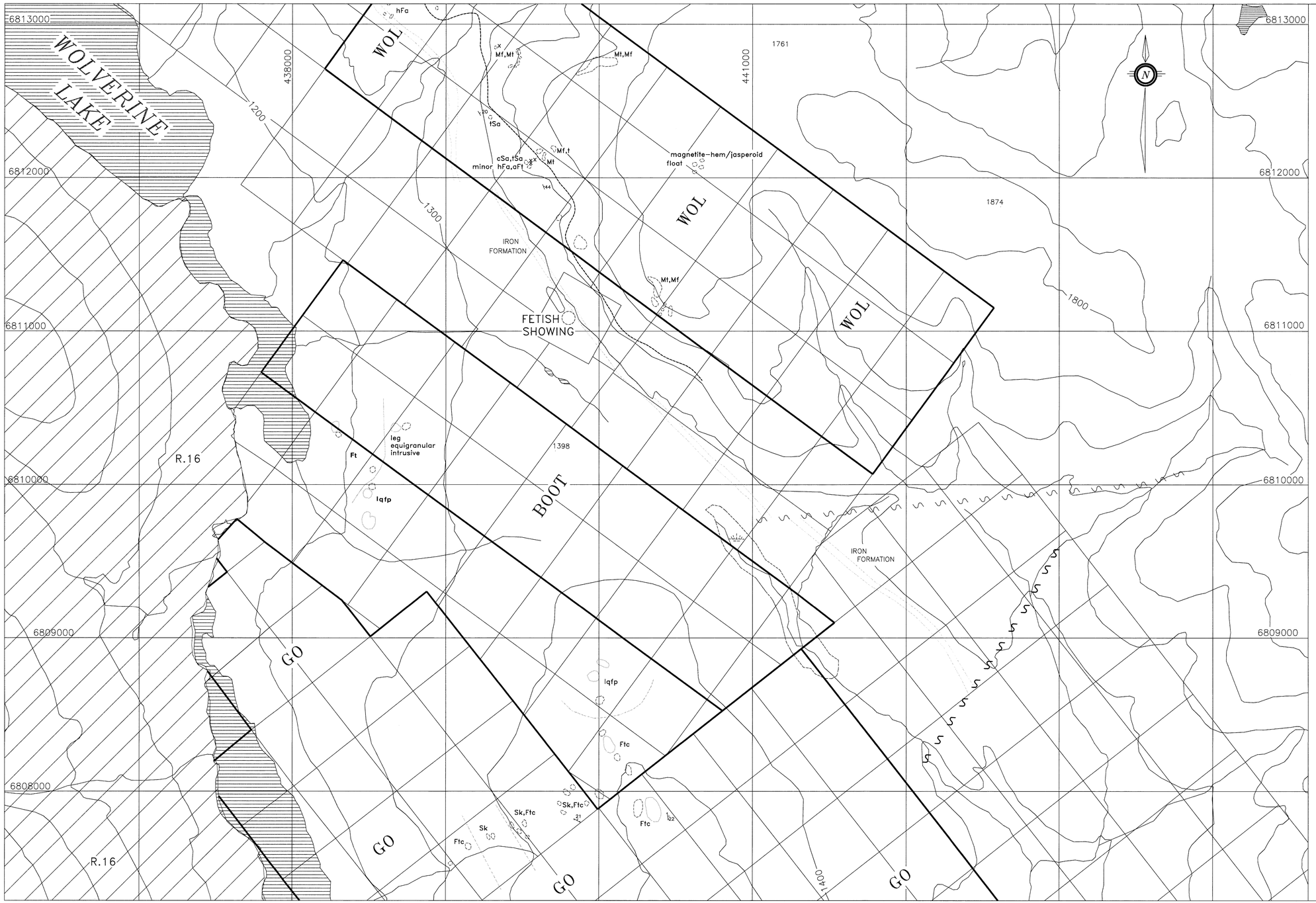
1995 PELLY MTN. RECCE

Drawn by: A.P.R.	Traced by: a.m.c.
Revised by:	Date:
	Acad file:

BOOT CLAIMS
TENURE MAP

093420

SCALE: 1:10,000 | DATE: Feb.1996 | PLATE NO: 2



GEOLOGY LEGEND

SLIDE MOUNTAIN TERRANE

SS

SSa
SSl
SSs
SSl
SSc

SM

SMf
SMl
SMs
SMd

SI

S Meta-sediments

So argillite/shale
Sg grit
Sq quartzite
Sl limestone/marble
Sk wacke/arkose
St siltstone
Sc chert

Protolith uncertain
Sv chl-ser-act(blo) schist
Se ser-chl-qtz schist
Sx blo-rich schist;coal ± qtz,chl
Sy blo-chl-ser schist
Sz blo-ser-qtz-chl schist

F Felsic metavolcanics

Ft tuff

Ftc ash
Ftl lapilli
Ftb bomb
Ftv vitric
Ftc crystal
Ftc augened
Fth lithic
x non-specific

Ff flow
Fs sill
Fd dike

Protolith uncertain
Fz qtz-ser-col schist
Fy qtz-ser-chl;graphite]schist
Fx qtz-ser ± chl,blo,col schist
Fw qtz-ser schist w col bands

MODIFIER
a graded
r ribboned
b banded
m mottled
g granular textured
f fragmental textured
l bufferocious
n carbonatized
o argillaceous
c chloritic
i calcareous
t silty
h cherty
p Fe-sulphidic
z quartz phyric
d feldspar phyric
s spherulitic
b biolithic
c carbonaceous

M Mafic-intermediate metavolcanics

Mt tuff

Mtu ash
Mtl lapilli
Mtb bomb
Mtv vitric
Mtc crystal
Mth lithic
x non-specific
m lamprophyre

Mf flow
Ma sill
Md dike

Protolith uncertain
Mz plagioclase mica-qtz-ser schist
My chl-ser-qtz schist
Mc chl-qtz schist
Mw ser-chl-col schist
Mv chl-ser-col schist
Mu chl-col schist
Mo chl-col-blo schist
Mn blo-col(chl)schist

I Meta-intrusives

Ifp feld porphyry
Iqfp qtz-feld porphyry
Ifqp feld-qtz porphyry

Imo monzonitic orthogneiss

SYMBOLS

- Conformable contact
- Intrusive contact
- Fault
- Talus/subcrop
- Outcrop
- Small outcrop
- Float
- Mineralized float
- Quartz vein(talus/subcrop)
- RGS stream silt sample
- Cominco stream silt sample
- Cominco soil sample
- Cominco heavy mineral sample
- Lithogeochem sample
- Rock sample
- S_1 dip
- S_2 foliation
- S_3 foliation
- Lineation with plunge
- Joint surface

0 200 400 600
METRES

N.T.S. 105 G/8

1995 PELLY MTN. RECCE

Drawn by: A.P.R. | Traced by: a.m.a.
Revised by: | Date: | Axed file:

BOOT CLAIMS 093400
GEOLOGY MAP

SCALE: 1:10,000 | DATE: Feb.1996 | PLATE NO: 3

WOLVERINE LAKE

WOL

WOL

WOL

GO

GO

GO

GO

BOOT

R.16

R.16

R.16

438000

441000

6813000

6812000

6811000

6810000

6809000

6808000

1200

1300

1400

1800

1761

1874

1398

N

297001 + Cominco Soil Sample

0 200 400 600
METRES

N.T.S. 105 G/8

1995 PELLY MTN. RECCE

Drawn by: A.P.R. | Traced by: a.m.c.

Revised by: | Date: | Acad file:

BOOT CLAIMS 093400
GEOCHEMISTRY MAP

SCALE: 1:10,000 | DATE: Feb.1996 | PLATE NO: 4