COMINCO LTD.

EXPLORATION

WESTERN DISTRICT

NTS 105 G/12

1994 ASSESSMENT REPORT

ZOO AND BOU PROPERTIES

SOIL GEOCHEMISTRY AND GEOLOGICAL MAPPING

WATSON LAKE M.D., YUKON

PELLY MOUNTAINS AREA

ZOO - LAT: 61°43'
BOU - 61°44'

ZOO - LONG: 131°43'
BOU - 131°39'

WORK PERIOD

JULY 20 AND AUGUST 1, 1994

APRIL, 1995

PAUL A. MacROBBIE

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: April 10, 1995

P.A MacROBBIE, P.Geo
GEOLOGIST

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
P. A. MacROBBIE
GEOSCIENTIST

MAP NO:105G 12

ASSESSMENT REPORT: X

PROSPECTUS:

CONFIDENTIAL: X

OPEN FILE:

DOCUMENT NO: 093340

MINING DISTRICT: Watson Lake

TYPE OF WORK:Geoology, geochemistry

REPORT FILED UNDER: Cominco Ltd.

DATE PERFORMED:July, August 1994

DATE FILED:June 23, 1995

LATITUDE:61 43

AREA:Pelly Mountainns

LONGITUDE:131 43

VALUE:$3700

CLAIM NAME AND #:Zoo 1-33, Bou 1-9

WORK DONE BY:P. MacRobbie

WORK DONE FOR:Cominco Ltd.

DATE TO GOOD STANDING	

REMARKS:The properties have poor exposure with thick overburden. No soil anomalies were identified.

COMINCO LTD.

EXPLORATION

WESTERN DISTRICT

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1994 ASSESSMENT REPORT

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PAUL A. MacROBBIE

TABLE OF CONTENTS

ATTACHMENTS

This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 3700.

M. Burke

for Regional Manager, Exploration and Geological Services for Commissioner of Yukon Territory.

1994 ASSESSMENT REPORT
ZOO AND BOU PROPERTIES, YUKON TERRITORY

1. SUMMARY

The ZOO and BOU properties are located south of the Pelly River and east of the Hoole River, approximately 50 kms southeast of Ross River.

The properties were staked to cover airborne geophysical targets identified during a Cominco survey conducted in early 1994.

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). 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 Cominco's ABM VHMS deposit.

Both properties appear underlain by rocks correlated to mixed sediments/mafic volcanics of the "*middle unit*".

Outcrop exposure on both properties is extremely poor. With the exception of well exposed Tertiary basaltic tuffs and flows in the Hoole River canyon, there are no outcrop exposures on the ZOO property. Similarily, there are no exposures on the BOU property. Soil geochemistry revealed no anomalies of interest on either property, at least partially due to thick overburden cover.

Since there exists virtually no outcrop exposure on either property and soil geochemistry appears to be ineffective, the 2 properties' merit must be based on the airborne geophysical anomalies.

No further work is recommended on the BOU property given the small strike extent of the AEM anomaly.

Linecutting and a test ground geophysical survey (HLEM and Mag) is recommended for the ZOO property given the size, position and orientation of the AEM anomaly.

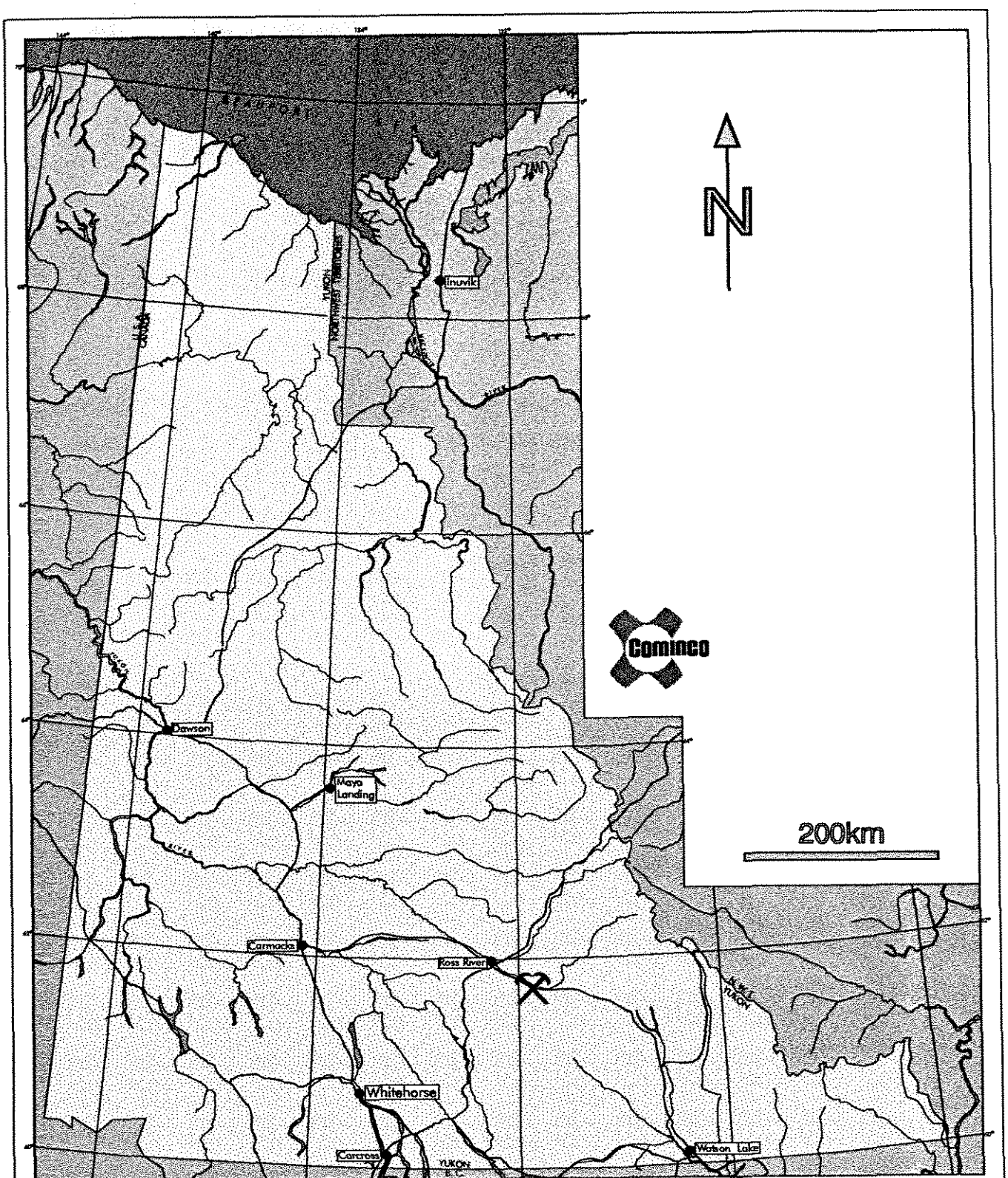
2. LOCATION AND ACCESS

The ZOO and BOU properties are located on the south side of the Pelly River and east of the Hoole River, approximately 50 kms southeast of Ross River, on the Yukon Plateau (Figures 1 and 2). The gravel, all-weather Robert Campbell Highway provides access to the BOU property and to within 2 kms of the ZOO property. Direct access to the ZOO is by helicopter or an old winter road on the east bank of the Hoole River.

3. PROPERTY AND OWNERSHIP

The ZOO property (33 units) and BOU property (9 units) are both due June 22, 1995 (Figure 2) and are 100% owned by Cominco Ltd.

NAME	UNITS	CLAIM NO.	DUE DATES
ZOO 1-33	33	YB49787-97819	June 22/95
BOU 1-9	9	YB49820-9828	June 22/95



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

ZOO and BOU
PROPERTY LOCATIONS

105 G/12

Scale:	As Shown	Date:	April, 1995	Plate:	1

4. PREVIOUS WORK

No previous work has been recorded in the immediate BOU property area.

No previous work by Cominco has been done in the ZOO property area. The PUP (ELDORADO) property to the west of the ZOO (Minfile #48) was initially staked for its asbestos potential by Newmont in 1963. Newmont conducted Mag surveys, trenching and drilled 2 holes by 1964. The ground was allowed to lapse. The property was restaked by A. Carlos in 1988 for its gold potential. Noranda optioned the ground and conducted soil geochemistry and Mag/VLF-EM surveys. The presence of rusty sericite schists containing lenses of disseminated sulphides (chalcopyrite, pyrite) and schists with interesting Au values (up to 10 g/t in grabs), with associated arsenopyrite, galena and chalcopyrite disseminations(?), were noted.

5. 1994 WORK

ZOO PROPERTY
GEOLOGICAL MAPPING

On July 20, 1994, 1:10,000 scale geological mapping and prospecting was carried out by P. A. MacRobbie (Figure 3).

GEOCHEMISTRY

A total of 39 soil samples were collected on the ZOO property. Data is presented in Figure 3 and Appendix 2.

BOU PROPERTY
GEOCHEMISTRY

A total of 17 soils were collected on the BOU property on August 1, 1994. Data is presented in Figure 3 and Appendix 2.

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.

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.

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.

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 imbriccatted 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(?).

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 thrust faulting (D2) during the Jurassic.

7. ZOO PROPERTY GEOLOGY AND GEOCHEMISTRY

Outcrop exposure on the property is extremely poor (Figure 3). In the Hoole River canyon, near the northwest corner of the property, thick subhorizontal Tertiary basaltic tuffs and flows are well exposed.

Soil geochemistry revealed no anomalies of interest, at least partially due to thick overburden cover. Single sample site anomalies of Pb (58 ppm), Zn-Cd (436 ppm and 5 ppm respectively) and a sample with a Cu-Ni-Cr-Fe association are present (Figure 3).

8. BOU PROPERTY GEOLOGY AND GEOCHEMISTRY

No outcrop exposure exists on the property (Figure 3).

As suspected, soil geochemistry revealed no anomalies of interest, at least partially due to the thick overburden cover along the Pelly River.

9. CONCLUSIONS and RECOMMENDATIONS

Since there exists virtually no outcrop exposure on either property and soil geochemistry appears to be hampered by overburden cover, the 2 properties' merit must be based on the airborne geophysical anomalies.

No further work is recommended on the BOU property given the small strike extent of the AEM anomaly.

Linecutting and a test ground geophysical survey (HLEM and Mag) is recommended for the ZOO property given the size, position and orientation of the AEM anomaly.

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

Endorsed by: _____
D. Rhodes,
Senior Geologist

Approved for
Release by: _____
J.M. Hamilton
Manager, Exploration
Western Canada

PAM/

DISTRIBUTION: W.D. Files
Administration Files

10. REFERENCES

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

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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.

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Date: April 10, 1995

P.A MacROBBIE, P.Geo
GEOLOGIST

APPENDIX 2

1994 GEOCHEMISTRY DATA

roperty	LabNo	FieldNo	S	M	O	S	Col	Sz	O	W	Dph	W/S	F/W	P	Cu	Pb	Zn	Ag	As	Ba(icp)	Cd	Co	Ni	Fe	Mo	Cr	Bi	Sb	V	Sn	W	Sr	Y	La	Mn	Mg	Ti	Al	Ca	Na	K	Au	Wt	Ba(xrf)
oo	S9414511	242533	3	1	2	**	1B	23	1	2	45	2	B2	**	6	7	35	0.2	3	162	1	3	10	1.24	1	11	2	2	17	1	1	14	3	5	90	0.26	0.01	0.64	0.19	0.01	0.04	5	10	1236
oo	S9414512	242534	3	1	2	**	1N	45	2	2	50	1	B2	**	24	11	59	0.2	19	340	1	5	25	1.77	1	16	2	2	23	1	1	61	14	13	235	0.69	0.01	0.75	1.59	0.01	0.04	5	10	1608
oo	S9414513	242535	3	1	2	**	2N	3	1	2	55	1	B2	**	25	17	84	0.2	23	374	1	7	30	2.18	1	22	2	2	32	1	1	23	11	14	314	0.50	0.01	1.18	0.32	0.01	0.08	5	10	1994
oo	S9414514	242536	3	1	2	**	2B	3	2	2	45	2	B2	**	9	8	34	0.2	15	213	1	5	18	1.59	1	13	2	2	20	1	1	17	5	6	122	0.28	0.01	0.86	0.18	0.01	0.03	5	10	1339
oo	S9414515	242537	3	1	2	**	1B	34	2	1	50	2	B2	**	7	7	32	0.2	10	247	1	4	13	1.23	1	12	2	2	17	1	1	15	5	6	91	0.26	0.01	0.74	0.21	0.01	0.02	5	10	1339
oo	S9414516	242538	3	1	2	**	1B	23	1	2	45	1	B2	**	11	58	143	0.2	11	187	1	4	19	1.77	1	16	2	2	21	1	1	31	11	13	161	0.39	0.01	0.83	0.44	0.01	0.03	5	10	1366
oo	S9414517	242539	3	1	2	**	3B	4	2	2	45	2	B2	**	13	18	107	0.2	13	501	1	10	20	2.43	2	22	2	2	34	2	1	77	9	12	620	0.50	0.01	1.20	0.94	0.01	0.03	5	10	1991
oo	S9414518	242540	3	1	2	**	2B	23	1	2	45	2	B2	**	9	7	28	0.2	5	287	1	3	8	1.09	1	8	2	2	18	1	5	39	5	6	140	0.20	0.01	0.59	0.74	0.02	0.03	5	10	1486
oo	S9414519	242541	3	1	2	**	1Y	4	1	1	25	2	B2	**	7	10	30	0.2	7	259	1	4	12	1.82	1	14	2	2	34	1	4	22	2	5	75	0.27	0.01	0.94	0.27	0.01	0.03	5	10	1300
oo	S9414520	242542	3	1	2	**	3B	23	2	2	45	2	B2	**	21	10	26	0.2	7	444	1	6	14	1.07	1	10	2	2	24	1	1	79	7	8	673	0.31	0.01	0.84	1.03	0.01	0.01	5	10	1649
oo	S9414521	242543	3	1	2	**	2B	3	1	1	45	1	B2	**	11	13	51	0.2	21	177	1	5	14	2.44	1	17	2	2	47	1	1	16	2	5	119	0.32	0.01	1.06	0.19	0.01	0.06	5	10	1385
oo	S9414522	242544	3	1	2	**	2B	23	2	2	30	3	B2	**	34	14	86	0.2	3	407	1	10	29	2.22	1	22	2	2	31	1	1	49	23	20	521	0.51	0.01	1.19	0.65	0.02	0.05	5	10	1828
oo	S9414523	242545	3	1	2	**	K	45	3	2	35	1	Z	**	11	2	54	0.2	1	303	1	8	8	0.35	2	2	2	2	4	1	1	256	1	2	2148	0.26	0.01	0.20	3.88	0.01	0.01	5	10	540
oo	S9414524	242546	3	1	2	**	2Y	23	1	1	40	2	B2	**	19	18	52	0.2	6	190	1	8	31	1.96	1	17	2	2	26	1	1	29	12	14	224	0.40	0.01	0.98	0.41	0.01	0.05	5	10	1345
oo	S9414525	242547	3	1	2	**	3B	4	3	1	35	3	B1	**	8	2	11	0.2	1	184	1	1	7	0.29	1	2	2	2	5	1	2	47	1	2	31	0.09	0.01	0.29	0.81	0.04	0.02	5	10	1313
oo	S9414587	240417	2	1	2	**	K	2	3	2	40	1	B2	**	11	5	23	0.2	1	171	1	2	6	0.38	1	4	2	2	6	1	1	57	3	4	82	0.14	0.01	0.35	1.05	0.05	0.03	5	10	1219
oo	S9414588	240418	2	1	2	**	3K	2	2	2	40	1	B2	**	31	16	118	0.2	14	238	1	7	27	1.63	1	20	2	2	24	2	1	48	12	12	279	0.42	0.01	0.90	0.73	0.02	0.06	5	10	1742
oo	S9414589	240419	2	1	2	**	3G	23	2	2	40	1	B2	**	43	10	54	0.2	3	532	1	6	23	1.18	1	14	2	2	22	1	1	160	11	10	133	0.36	0.01	0.99	2.67	0.03	0.03	5	10	1571
oo	S9414590	240420	2	1	2	**	GR	23	2	2	25	1	B2	**	8	15	73	0.2	5	569	1	6	11	1.81	1	13	2	2	37	2	1	21	3	6	274	0.23	0.01	0.97	0.28	0.01	0.06	5	10	2079
oo	S9414591	240421	2	1	2	**	BR	32	2	1	20	3	B2	**	16	11	54	0.2	1	281	1	8	15	1.81	1	18	2	2	31	1	1	14	2	7	772	0.33	0.01	1.06	0.15	0.01	0.05	5	10	1832
oo	S9414592	240422	2	1	2	**	K	4	2	3	55	1	B2	**	13	2	45	0.2	2	116	1	1	2	0.13	1	2	2	2	3	1	1	127	1	2	146	0.18	0.01	0.36	2.34	0.04	0.01	5	10	585
oo	S9414593	240423	2	1	2	**	BR	23	3	2	25	2	B2	**	9	19	73	0.2	15	333	1	8	18	2.22	1	24	2	2	35	2	1	25	6	9	197	0.54	0.01	1.56	0.33	0.02	0.08	5	10	1791
oo	S9414594	240424	2	1	2	**	RY	23	3	1	25	2	B2	**	11	17	53	0.2	18	276	1	10	18	2.61	1	38	2	2	51	3	1	34	6	10	214	0.71	0.03	1.53	0.46	0.01	0.07	5	10	1467
oo	S9414595	240425	2	1	2	**	1N	23	3	1	20	2	B2	**	31	20	108	0.2	11	262	1	10	26	1.84	1	20	2	2	28	3	1	61	11	10	427	0.42	0.01	1.05	0.83	0.02	0.05	5	10	1819
oo	S9414596	240426	2	1	2	**	K	4	3	2	40	2	Z	**	5	2	12	0.2	3	80	1	1	1	0.12	1	2	2	2	2	2	1	47	1	2	27	0.07	0.01	0.22	0.81	0.06	0.03	5	10	1240
oo	S9414597	240427	2	1	2	**	2B	23	3	2	20	2	B2	**	32	15	119	0.2	13	516	1	10	32	2.03	1	19	2	2	47	4	1	50	18	14	411	0.47	0.01	1.15	0.75	0.01	0.10	5	10	2636
oo	S9414598	240428	2	1	2	**	3B	23	2	2	30	2	B2	**	13	15	154	0.2	8	202	2	6	14	1.36	1	16	2	2	24	1	1	50	2	7	210	0.31	0.01	0.68	1.00	0.01	0.04	5	10	1816
oo	S9414599	240429	2	1	2	**	BR	23	2	2	20	2	B2	**	6	15	63	0.2	2	213	1	3	8	1.33	1	8	2	2	20	1	1	18	2	5	203	0.13	0.01	0.74	0.32	0.03	0.03	5	10	1424
oo	S9414600	240430	2	1	2	**	3B	2	3	2	30	1	B2	**	30	18	436	0.2	2	438	5	9	16	1.87	1	13	2	2	30	3	1	41	4	8	761	0.25	0.01	1.01	1.02	0.02	0.04	5	10	2063
oo	S9414668	240925	1	1	5	**	1B	23	1	2	40	2	B2	**	12	10	66	0.2	15	191	1	6	20	1.70	1	17	2	2	22	2	1	48	10	11	171	0.42	0.01	0.83	0.49	0.03	0.04	5	10	1587
oo	S9414669	240926	1	1	5	**	1B	23	1	2	50	2	B2	**	14	8	52	0.2	8	306	1	9	22	1.60	1	17	2	2	22	2	1	35	9	9	450	0.43	0.01	0.86	0.45	0.02	0.04	5	10	1882
oo	S9414670	240927	1	1	5	**	1B	23	1	2	40	2	B2	**	10	12	90	0.2	17	251	1	6	16	1.98	1	19	2	2	29	3	1	29	3	7	148	0.44	0.01	1.16	0.31	0.01	0.05	5	10	1553
oo	S9414671	240928	1	1	5	**	1B	23	1	2	35	2	B2	**	8	7	38	0.2	10	319	1	6	19	1.70	1	19	2	2	26	2	1	25	10	13	234	0.44	0.01	1.10	0.32	0.01	0.04	5	10	1795
oo	S9414672	240929	1	1	5	**	1N	23	1	2	60	2	B2	**	17	16	62	0.2	8	289	1	6	21	2.11	1	20	2	2	28	1	1	36	13	14	219	0.46	0.01	0.98	0.50	0.01	0.04	5	10	1994
oo	S9414673	240930	1	1	5	**	1G	25	1	2	30	2	G	**	47	16	98	0.2	9	509	1	11	40	2.58	1	25	2	2	45	2	1	30	29	23	524	0.57	0.01	1.38	0.38	0.01	0.09	5	10	2617
oo	S9414674	240931	1	1	5	**	1N	25	1	2	40	2	B2	**	19	13	48	0.2	24	354	1	8	27	2.08	1	22	2	2	29	4	1	25	18	20	292	0.49	0.01	1.23	0.31	0.01	0.06	5	10	1787
oo	S9414675	240932	1	1	5	**	GN	25	1	2	40	2	B2	**	21	13	61	0.2	32	254	1	10	29	2.10	1	21	2	2	26	2	1	51	16	19	341	0.58	0.01	1.18	0.53	0.02	0.06	5	10	1695
oo	S9414676	240933	1	1	5	**	GN	23	1	2	45	2	B2	**	9	12	48	0.2	15	289	1	8	18	1.98	1	20	2	2	28	1	1	34	8	10	322	0.46	0.01	1.12	0.49	0.01	0.06	5	10	1675
oo	S9414677	240934	1	1	5	**	2B	23	1	2	25	2	B2	**	51	20	67	0.2	65	209	1	24	105	3.79	2	84	2	2	39	4	1	122	21	20	1393	0.97	0.01	1.72	0.62	0.04	0.05	5	10	1865
oo	S9414678	240935	1	1	5	**	GN	23	1	2	45	2	B2	**	8	15	68	0.2	20	161	1	8	20	2.24	1	27	2	2	29	1	1	58	6	11	191	0.59	0.01	1.31	0.55	0.02	0.11	5	10	1496
oo	S9414679	240936	1	1	5	**	2G	23	1	3	45	2	B2	**	16	16	97	0.2	12	166	1	6	18	1.73	1	21	2	2	28	1	1	58	6	9	154	0.52	0.01	1.05	0.74	0.02	0.06	5	10	1391
oo	S9414680	240937	1	1	5	**	GB	23	1	2	45	2	B2	**	19	12	57	0.2	8	254	1	7	24	1.43	1	17	2	2	21	1	1	62	9	10	336	0.38	0.01	0.82	0.93	0.02	0.05	5	10	1695

Property	LabNo	FieldNo	S	M	O	S	Col	Sz	O	W	Dph	W/S	F/W	P	Cu	Pb	Zn	Ag	As	Ba(icp)	Cd	Co	Ni	Fe	Mo	Cr	Bi	Sb	V	Sn	W	Sr	Y	La	Mn	Mg	Ti	Al	Ca	Na	K	Au	Wt	Ba(xrf)
Bou	S9418742	243201	**	1	5	**	GY	24	2	2	15	1	B	**	25	8	99	0.2	17	377	1	10	34	2.26	1	21	2	2	26	2	1	56	12	14	728	0.67	0.01	1.00	1.85	0.01	0.07	5	10	1810
Bou	S9418743	243202	**	1	5	**	GY	24	2	2	20	1	B	**	24	8	97	0.2	18	370	1	8	31	2.01	1	21	2	2	28	5	1	46	13	14	385	0.65	0.01	0.96	1.16	0.01	0.07	5	10	1927
Bou	S9418744	243203	**	1	5	**	GY	23	1	1	15	1	B	**	23	7	89	0.2	20	322	1	8	29	1.99	1	20	2	2	28	2	1	47	13	13	408	0.64	0.01	0.99	1.21	0.02	0.06	5	10	1700
Bou	S9418745	243204	**	1	5	**	GY	23	1	1	10	1	B	**	24	8	86	0.2	3	350	1	7	26	1.83	1	18	2	2	25	4	1	96	12	12	358	0.81	0.01	0.90	3.24	0.02	0.08	5	10	1590
Bou	S9418746	243205	**	1	4	3	K	4	3	2	35	1	A	**	11	4	19	0.2	1	213	1	1	7	0.54	1	2	2	2	5	4	1	158	1	1	203	0.29	0.01	0.25	3.72	0.05	0.01	5	10	718
Bou	S9418747	243206	**	1	4	3	K	4	3	2	30	1	A	**	9	5	15	0.2	1	127	1	1	4	0.35	1	2	2	2	4	6	1	124	1	1	166	0.28	0.01	0.23	2.83	0.06	0.01	5	10	535
Bou	S9418748	243207	**	1	4	3	K	4	3	3	40	1	A	**	5	2	36	0.2	2	79	1	1	3	0.15	1	2	2	2	2	1	1	104	1	1	8	0.32	0.01	0.15	2.39	0.04	0.01	5	10	463
Bou	S9418749	243208	**	1	4	**	K	4	3	2	30	1	A	**	12	2	19	0.2	1	133	1	1	5	0.21	1	2	2	2	2	2	1	107	2	2	164	0.27	0.01	0.27	2.17	0.06	0.03	5	10	1042
Bou	S9418750	243209	**	1	5	**	GY	24	1	2	20	1	B	**	14	11	57	0.2	16	301	1	7	24	1.90	5	20	2	2	27	3	1	22	16	18	448	0.47	0.01	1.12	0.34	0.01	0.06	5	10	1652
Bou	S9418751	243210	**	1	5	**	GY	24	1	1	20	1	B	**	9	9	54	0.2	9	421	1	6	19	2.02	1	20	2	2	31	4	1	17	3	12	178	0.42	0.01	1.22	0.26	0.01	0.05	5	10	1731
Bou	S9418752	243211	**	1	5	**	GY	24	1	1	25	1	B	**	12	6	56	0.2	6	343	1	6	21	1.89	1	21	2	2	28	4	1	22	12	14	246	0.44	0.01	1.08	0.32	0.01	0.05	5	10	1805
Bou	S9418753	243212	**	1	5	**	GY	24	1	1	10	1	B	**	26	11	83	0.2	11	382	1	7	29	1.96	1	20	2	2	28	6	1	82	12	13	337	0.79	0.01	1.02	2.88	0.01	0.07	5	10	1715
Bou	S9418754	243213	**	1	5	**	BY	23	1	1	15	1	B	**	24	7	77	0.2	13	304	1	8	32	2.18	1	23	2	2	30	5	1	28	16	17	395	0.57	0.01	1.11	0.42	0.01	0.05	5	10	1744
Bou	S9418755	243214	**	1	5	**	GY	24	1	2	25	1	B	**	23	7	75	0.2	20	345	1	6	24	1.70	1	17	2	2	24	2	1	72	11	12	319	0.68	0.01	0.87	2.32	0.02	0.05	5	10	1670
Bou	S9418756	243215	**	1	5	**	GY	23	1	1	15	1	B	**	7	7	47	0.2	8	170	1	4	18	1.50	2	21	2	6	22	4	1	13	4	10	166	0.36	0.01	0.89	0.19	0.01	0.06	5	10	1520
Bou	S9418757	243216	**	1	5	**	BY	24	1	2	20	1	B	**	23	10	87	0.2	6	387	1	7	30	2.19	2	23	2	2	31	5	1	28	13	15	293	0.53	0.01	1.14	0.43	0.01	0.08	5	10	1916
Bou	S9418758	243217	**	1	5	**	1Y	23	1	1	15	1	B	**	7	11	65	0.2	12	324	1	5	17	1.84	1	19	2	2	28	9	1	15	4	12	177	0.40	0.01	1.07	0.22	0.01	0.06	5	10	1690

APPENDIX 3

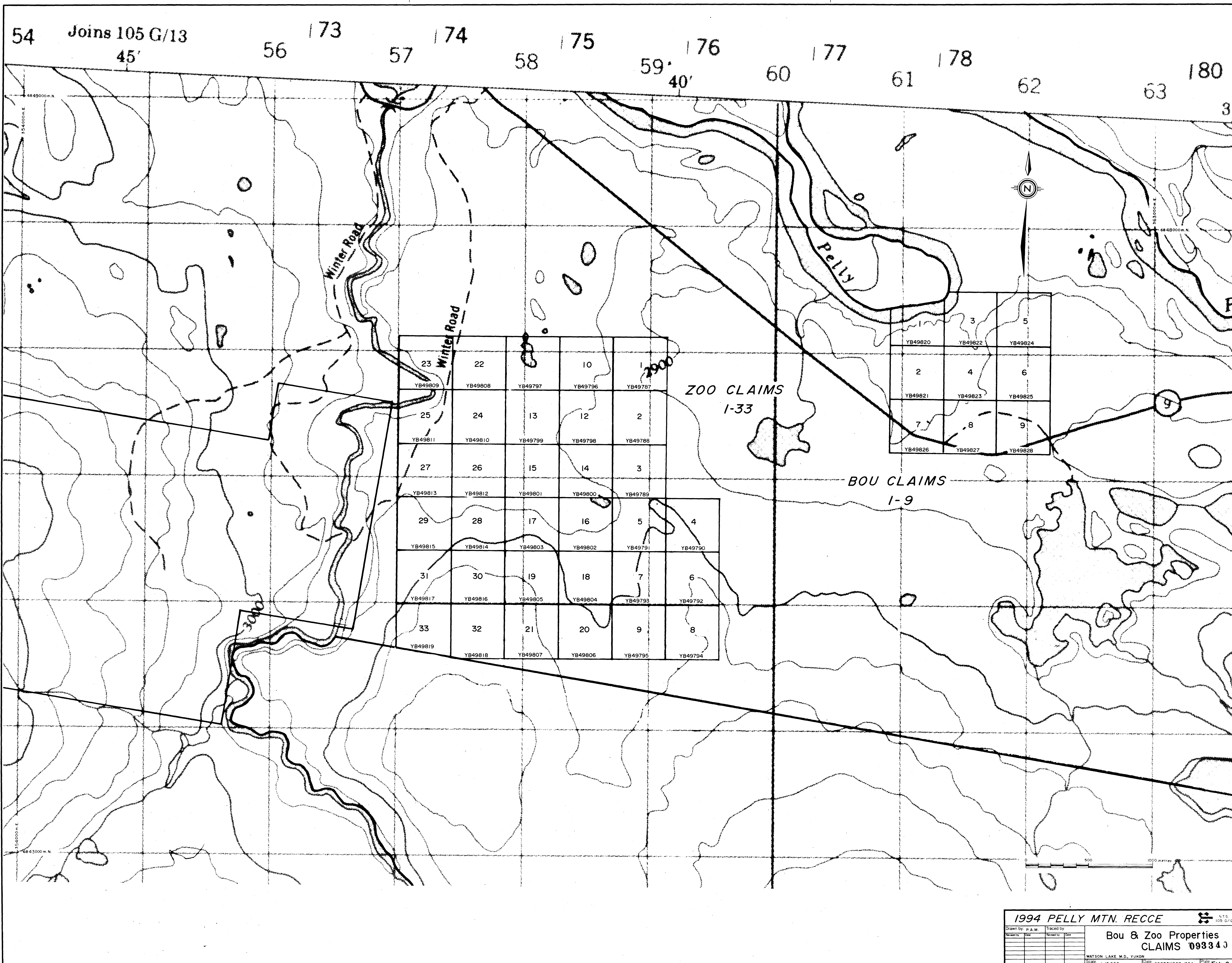
STATEMENTS OF EXPENDITURES

ZOO PROPERTY

STAFF COSTS	694
DOMICILE	273
GEOCHEMISTRY	663
HELICOPTER	792
COMMUNICATIONS	27
TRUCK RENTAL	56
FREIGHT	174
EXPEDITING	35
DRAFTING	168
TOTAL	2,882

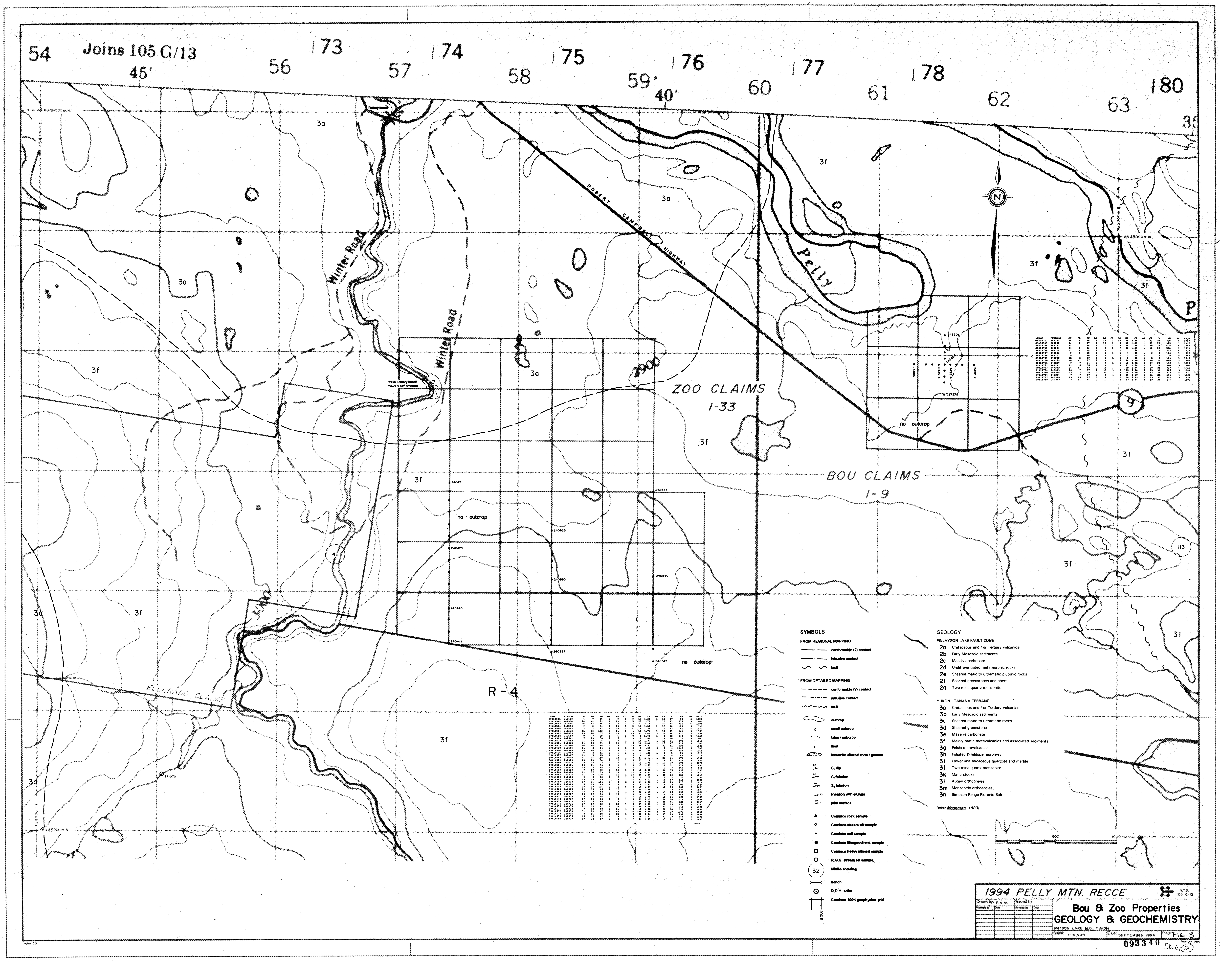
BOU PROPERTY

STAFF COSTS	482
DOMICILE	218
GEOCHEMISTRY	289
HELICOPTER	-
COMMUNICATIONS	11
TRUCK RENTAL	24
FREIGHT	74
EXPEDITING	15
DRAFTING	72
TOTAL	**1,185**



Joins 105 G/13
ZOO CLAIMS
1-33
BOU CLAIMS
1-9
Pelly
Winter Road
Winter Road
2900
3000
0
500
1000 metres
1994 PELLY MTN. RECCE
N.T.S.
105 G/12
Drawn by: P.A.M.
Traced by:
Revised by
Date
Revised by
Date
Bou & Zoo Properties
CLAIMS 093340
WATSON LAKE M.D., YUKON
Scale: 1:10,000
Date: SEPTEMBER 1994
Plate: FIG.2

DWG(1)



Joins 105 G/13
54
45′
56
73
57
74
58
75
59
40′
76
60
77
61
78
62
63
180
Winter Road
Winter Road
ROBERT CAMPBELL HIGHWAY
Pelly
Tertiary basalt
fresh Tertiary basalt flows & tuff breccias
ZOO CLAIMS
1-33
BOU CLAIMS
1-9
ELDORADO CLAIMS
R-4
no outcrop
no outcrop
no outcrop
2900
3000
3a
3f
3l
SYMBOLS
FROM REGIONAL MAPPING
conformable (?) contact
intrusive contact
fault
FROM DETAILED MAPPING
conformable (?) contact
intrusive contact
fault
outcrop
small outcrop
talus / subcrop
float
listwanite altered zone / gossan
S_1 dip
S_2 foliation
S_3 foliation
lineation with plunge
joint surface
Cominco rock sample
Cominco stream silt sample
Cominco soil sample
Cominco lithogeochem. sample
Cominco heavy mineral sample
R.G.S. stream silt sample
Minfile showing
trench
D.D.H. collar
Cominco 1994 geophysical grid
GEOLOGY
FINLAYSON LAKE FAULT ZONE
2a Cretaceous and / or Tertiary volcanics
2b Early Mesozoic sediments
2c Massive carbonate
2d Undifferentiated metamorphic rocks
2e Sheared mafic to ultramafic plutonic rocks
2f Sheared greenstones and chert
2g Two-mica quartz monzonite
YUKON - TANANA TERRANE
3a Cretaceous and / or Tertiary volcanics
3b Early Mesozoic sediments
3c Sheared mafic to ultramafic rocks
3d Sheared greenstone
3e Massive carbonate
3f Mainly mafic metavolcanics and associated sediments
3g Felsic metavolcanics
3h Foliated K-feldspar porphyry
3i Lower unit micaceous quartzite and marble
3j Two-mica quartz monzonite
3k Mafic stocks
3l Augen orthogneiss
3m Monzonitic orthogneiss
3n Simpson Range Plutonic Suite
(after Mortensen, 1983)
0
500
1000 metres
1994 PELLY MTN. RECCE
N.T.S. 105 G/12
Drawn by: P.A.M.
Traced by:
Bou & Zoo Properties
GEOLOGY & GEOCHEMISTRY
WATSON LAKE M.D., YUKON
Scale: 1:10,000
Date: SEPTEMBER 1994
Plate: FIG. 3
093340
DWG 2