

COMINCO LTD.

EXPLORATION

NTS 105 G/11,12

WESTERN DISTRICT

093730

1996 ASSESSMENT REPORT

LING PROPERTY

GEOLOGICAL MAPPING/PROSPECTING AND SOIL GEOCHEMISTRY

WATSON LAKE M.D., YUKON

PELLY MOUNTAINS AREA



WORK PERIOD

JUNE 9 TO 16 , 1996

DIAZIS - MEXICO FEDERATION, LIBRARY

LATITUDE: 61°35'

LONGITUDE: 131°30'

APRIL, 1997

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 \$ - 4400

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

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**1996 ASSESSMENT REPORT
LING PROPERTY, YUKON TERRITORY**

1.0 SUMMARY

The LING property, comprising 45 units, is located 10 kms east of the Hoole River, 50 kms west northwest of Cominco's ABM VHMS Deposit, and approximately 60 kms southeast of Ross River.

The property was 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 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.

The LING property is underlain by late Devonian to mid-Mississippian "middle unit" of the Yukon Tanana Terrane, comprising sequences of mixed metasediments and mafic metavolcanics.

Work completed on the LING property in 1996 included one day of mapping, one day of prospecting and three person days of grid-based soil sampling. Results from the soil sampling did not return any samples with anomalous base metal values. Mapping/prospecting did not locate any areas with promising geology, although disseminated chalcopyrite was found within mafic volcanics. No further work is recommended for this property.

2.0 LOCATION AND ACCESS

The LING property is located northeast of the Tintina Fault, on the Yukon Plateau. This area is about 50 kms west northwest of Cominco's ABM VHMS Deposit, and approximately 60 kms southeast of Ross River(Figure 1). The gravel, all-weather Robert Campbell Highway provides access to within 15 kms of the property. Direct access is by helicopter.

3.0 PROPERTY AND OWNERSHIP

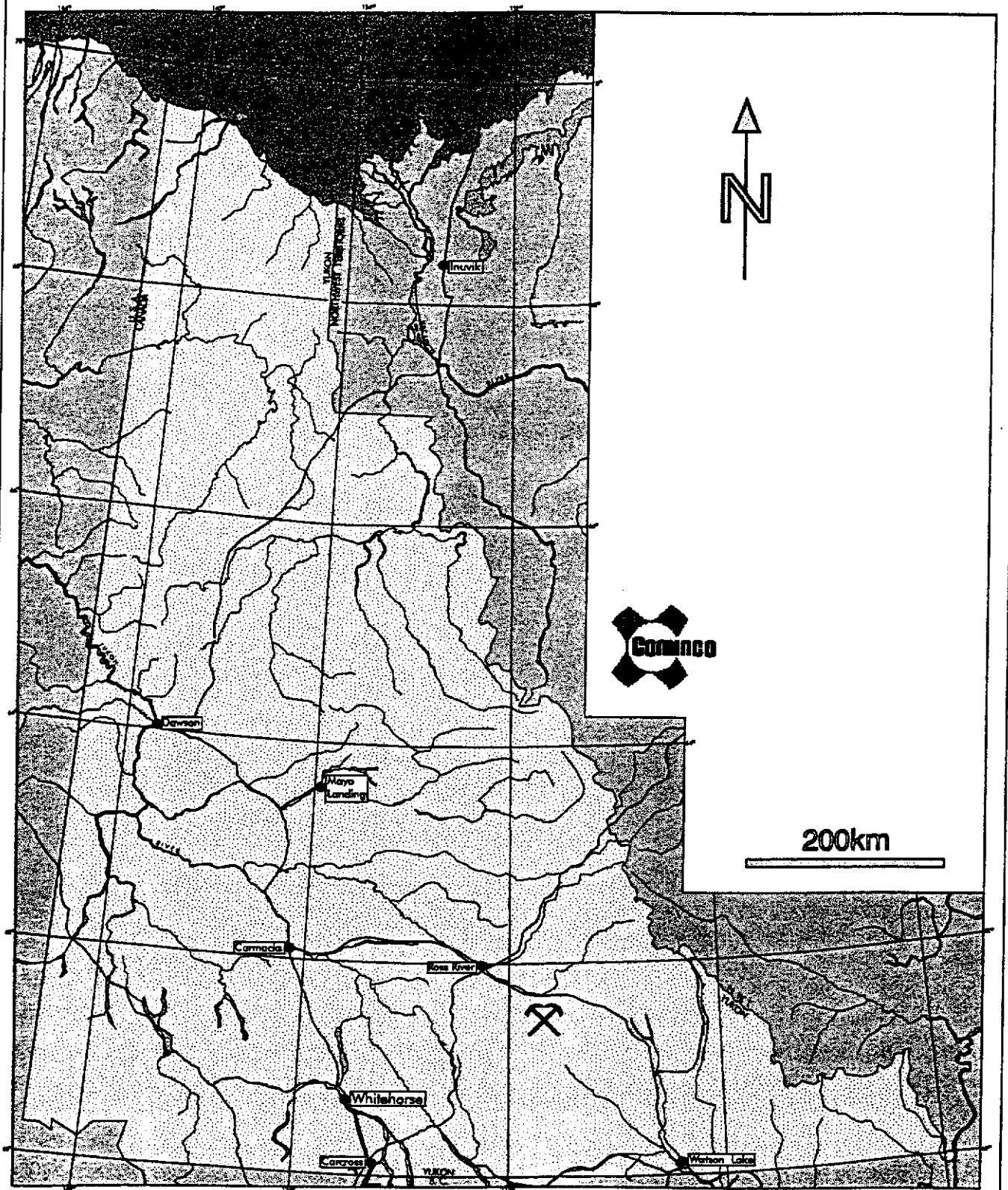
The LING property, comprising 45 units, is 100% owned by Cominco Ltd. (Figure 2).

NAME	UNITS	CLAIM NO.	 DUE DATES
LING 1-45	45	YB49663-707	May 15/97

4.0 PREVIOUS WORK

The property area was previously staked by Kerr Addison (Minfile #14; Cher) in 1966 on the basis of aeromagnetics. Soil geochemical surveys and prospecting were carried out in 1966, but no work was recorded. Minfile #15 (Nan) covered an area immediately to the southeast of the LING, and was also staked by Kerr Addison in 1966. Soil geochemical surveys and prospecting were carried out in 1966, but no work was recorded.

Cominco work in this area began in the 1994 field season, with contour soil sampling and regional scale mapping and prospecting. The soil sampling returned several weak Cu-Ag anomalies and a single sample anomalous in Pb. No work was done on the LING property during the 1995 field season.



Drawn by: Traced by: a. m. a.

Reviewed by: Date: Reviewed by: Date:

LING
PROPERTY LOCATION

105 G/11, 12

Scale: As Shown

Date: APRIL, 1997

Plate: 1

5.0 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" (3I) 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 metapluemonic 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. Felsic volcaniclastics of the "middle unit" are host to Cominco's ABM VHMS Deposit.

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).

6.0 1996 FIELD WORK

6.1 GEOLOGY, PROSPECTING AND GEOCHEMISTRY

Regional scale mapping and prospecting was completed by recce traverses on the LING property, as well as grid-based soil sampling. The following table summarizes 1996 fieldwork.

PROPERTY	GEOLOGY	PROSPECTING	GEOCHEMISTRY
LING	Jun 9; NPO	Jun 16; RBM	Jun 16; 104 soils

7.0 LING PROPERTY

7.1 GEOLOGY AND MINERALIZATION

The LING property is underlain by late Devonian to mid-Mississippian "middle unit" of the Yukon Tanana Terrane, comprising sequences of mixed metasediments and mafic metavolcanics. The property is located at fairly low elevations, making outcrop exposure quite poor. The stratigraphy on the property generally trends to the northwest, with variably moderate to steep dips of 45-80° to the northeast (Figure 3).

South of the pass on the property are medium grey quart-feldspar wackes and arkoses with local abundant blue quartz grains. In the pass area, dark green, massive, foliated chlorite-calcite mafic volcanics occur, cut by magnetic gabbro dykes or sills. The mafic volcanics host minor disseminated pyrite and trace chalcopyrite. Occuring along the ridge to the north are light colored marbles and calcite schists with intercalated siliceous green phyllites containing trace disseminated chalcopyrite and tourmaline. These metasediments are cut by thin diabase dykes and are locally quartz-Fe-carbonate altered and veined.

7.2 GEOCHEMISTRY

Soil samples on the LING property were collected at 50 and 100 metre intervals along 9 lines. A total of 104 soil samples were collected (Figure 4).

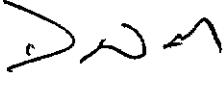
Results from the sampling returned two samples anomalous in Ag (up to 3.6 ppm), but no significantly elevated results for any other base metals.

8.0 CONCLUSIONS and RECOMMENDATIONS

The LING property is underlain by late Devonian to mid-Mississippian "*middle unit*" of the Yukon Tanana Terrane, comprising sequences of mixed metasediments and mafic metavolcanics.

Work completed on the LING property in 1996 included one day of mapping, one day of prospecting and three person days of grid-based soil sampling. Results from the soil sampling did not return any samples with anomalous base metal values. Mapping/prospecting did not locate any areas with promising geology, although disseminated chalcopyrite was found within mafic volcanics. No further work is recommended for this property.

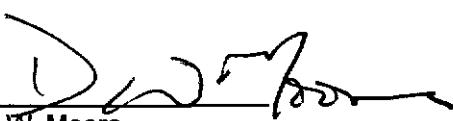
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Mining Recorder (2)

9.0 REFERENCES

- 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.
- MACROBBIE, P. A., 1995. 1994 ASSESSMENT REPORT : LING PROPERTY, SOIL GEOCHEMISTRY AND GEOLOGICAL MAPPING; Cominco Assessment Report, 5 p.

APPENDIX I
STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Darren A. Senft, of #4-2415 W. 4th Ave., Vancouver, B.C. hereby declare that I:

1. Graduated from The University of British Columbia, Vancouver, B.C. with a B.Sc. in Geology in May, 1994.
2. Have been actively engaged in mineral exploration in Western Canada as a geological assistant with Cominco Ltd. during the summers of 1992-93 and as a contract geologist with Cominco Ltd. since May, 1994.

Date: April, 1997

D-A Senft *Darren Moore*
D.A. SENFT, B.Sc.
GEOLOGIST

APPENDIX II

1996 GEOCHEMISTRY DATA

LING SOIL GEOCHEMISTRY

LAB NUMBER	FIELD NUMBER	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Ba ppm	Cd ppm	Co ppm	Ni ppm	Fe %	Mo ppm	Cr ppm	Bi ppm	Sb ppm	V ppm	Sn ppm	W ppm	Sr ppm	Y ppm	La ppm	Mn ppm	Mg %	Ti %	Al %	Ca %	Na %	K %	Au %	Au Wt. %	Ba (xrf)	
S9612304	322078	13	2	10	0.2	1	189	1	1	6	0.28	1	2	7	2	2	1	1	114	1	2	227	0.19	0.01	0.36	2.41	0.04	0.02	-1	-1	-1	
S9612305	322079	19	8	66	0.2	35	203	1	6	26	2.16	2	31	9	2	26	1	1	22	6	18	166	0.44	0.01	1.16	0.41	0.01	0.04	-1	-1	-1	
S9612306	322080	41	4	266	0.6	42	212	1	10	46	1.84	3	29	10	2	20	1	1	37	8	6	474	0.23	0.01	0.89	0.87	0.02	0.02	-1	-1	-1	
S9612307	322081	55	13	65	3.6	34	418	1	7	29	1.93	6	33	6	2	26	1	1	51	11	11	484	0.26	0.01	0.96	1.37	0.01	0.02	-1	-1	-1	
S9612308	322082	51	7	75	0.9	24	339	1	11	43	1.99	2	55	13	2	30	1	1	60	9	9	587	0.56	0.01	1.05	1.69	0.01	0.02	-1	-1	-1	
S9612309	322083	39	4	45	0.4	2	345	1	8	34	1.38	1	38	8	2	19	1	1	51	5	7	1190	0.4	0.01	0.87	1.53	0.02	0.02	-1	-1	-1	
S9612310	322084	34	4	30	0.4	6	218	1	2	21	0.39	1	10	6	6	3	1	1	78	2	3	118	0.13	0.01	0.52	3.12	0.03	0.02	-1	-1	-1	
S9612311	322087	21	2	52	0.2	1	251	1	2	7	0.27	1	2	13	2	3	1	1	89	3	4	67	0.06	0.01	0.24	2.81	0.03	0.03	-1	-1	-1	
S9612312	322088	23	11	79	0.2	32	285	1	7	27	2.44	4	33	12	2	32	1	1	9	4	16	179	0.34	0.01	1.07	0.15	0.01	0.03	-1	-1	-1	
S9612313	322089	14	10	47	0.5	24	227	1	10	26	3.08	2	36	5	2	39	1	1	5	3	22	328	0.34	0.01	1.5	0.05	0.01	0.02	-1	-1	-1	
S9612314	322090	4	2	19	0.2	1	61	1	3	9	0.98	1	12	7	2	18	1	1	5	1	13	104	0.18	0.01	0.51	0.06	0.01	0.02	-1	-1	-1	
S9612315	322091	17	8	51	0.2	1	470	1	20	27	5.02	3	33	5	2	44	1	1	18	6	12	1222	0.32	0.01	1.53	0.29	0.01	0.02	-1	-1	-1	
S9612316	322092	5	8	25	0.2	3	97	1	3	10	1.43	2	18	12	2	30	1	1	4	2	15	130	0.17	0.01	0.89	0.04	0.01	0.02	-1	-1	-1	
S9612317	322093	27	7	59	0.2	22	232	1	12	44	2.46	3	41	2	2	29	2	1	21	7	12	225	0.5	0.01	1.23	0.66	0.01	0.04	-1	-1	-1	
S9612318	322094	8	2	25	0.2	3	74	1	1	6	0.31	1	4	9	2	2	1	1	39	2	2	18	0.07	0.01	0.24	1.44	0.03	0.02	-1	-1	-1	
S9612319	322095	26	4	22	0.4	10	130	1	4	23	0.81	1	12	11	2	8	1	1	47	4	5	171	0.26	0.01	0.64	2.2	0.02	0.01	-1	-1	-1	
S9612320	322096	15	2	30	0.5	7	161	2	3	12	0.36	1	4	2	2	3	2	1	57	2	2	493	0.16	0.01	0.37	2.83	0.01	0.02	-1	-1	-1	
S9612321	322097	10	2	14	0.6	4	62	1	2	7	0.64	2	9	9	2	6	1	1	4	1	2	86	0.08	0.01	0.33	0.07	0.01	0.01	-1	-1	-1	
S9612322	322098	4	2	4	0.4	3	27	1	1	1	0.2	1	4	2	2	2	1	1	2	1	1	32	0.02	0.01	0.14	0.02	0.01	0.01	-1	-1	-1	
S9612323	322099	46	5	52	0.2	25	120	1	9	44	2	2	29	2	2	14	1	1	19	6	9	185	0.42	0.01	0.82	0.3	0.03	0.05	-1	-1	-1	
S9612324	322100	47	11	43	1.1	3	390	1	21	36	1.86	2	27	8	6	18	3	1	47	13	11	1130	0.2	0.01	0.9	0.85	0.04	0.01	-1	-1	-1	
S9612325	322101	2	2	3	0.2	1	31	1	1	1	0.08	1	2	18	7	1	1	1	6	1	1	13	0.01	0.01	0.08	0.08	0.01	0.01	-1	-1	-1	
S9612326	322102	16	5	40	0.2	7	127	1	6	20	1.69	1	18	2	2	13	1	1	14	4	7	218	0.33	0.01	0.72	0.19	0.01	0.02	-1	-1	-1	
S9612327	322103	30	7	64	0.2	9	231	1	3	22	0.96	6	8	5	2	5	1	1	73	30	28	715	0.06	0.01	1.35	1.06	0.03	0.01	-1	-1	-1	
S9612328	322104	5	6	18	0.2	8	31	1	2	7	1.3	1	9	5	6	23	1	1	2	1	2	58	0.06	0.01	0.51	0.01	0.01	0.01	-1	-1	-1	
S9612329	322105	18	4	20	0.2	4	128	1	4	11	0.61	1	9	9	5	8	1	1	44	4	5	212	0.1	0.01	0.37	0.57	0.03	0.01	-1	-1	-1	
S9612330	322106	30	5	34	0.2	10	256	1	6	27	1.03	2	34	13	11	16	1	1	147	6	7	258	0.37	0.01	0.69	1.71	0.04	0.02	-1	-1	-1	
S9612331	322107	27	4	47	0.2	24	160	1	15	56	2.82	2	86	13	2	41	1	1	11	3	20	283	1.07	0.01	1.54	0.15	0.01	0.03	-1	-1	-1	
S9612332	322108	27	6	38	0.2	10	73	1	9	39	3.13	4	39	8	2	25	1	1	5	2	21	222	0.52	0.01	1.48	0.04	0.01	0.03	-1	-1	-1	
S9612333	322109	11	8	32	0.2	11	150	1	6	29	2.4	3	45	9	2	35	1	1	16	2	11	159	0.35	0.01	1.11	0.22	0.01	0.02	-1	-1	-1	
S9612334	322110	6	24	28	0.5	14	74	1	5	8	2.61	2	14	11	2	28	1	1	3	1	8	489	0.09	0.01	0.77	0.02	0.01	0.02	-1	-1	-1	
S9612335	322111	15	4	28	0.9	8	117	1	2	9	0.61	2	7	11	2	6	1	1	31	2	3	163	0.14	0.01	0.39	1.17	0.01	0.01	-1	-1	-1	
S9612336	322112	25	7	43	0.2	15	157	1	7	38	1.52	1	22	5	2	14	1	1	22	6	5	246	0.33	0.01	0.69	0.93	0.01	0.02	-1	-1	-1	
S9612337	322113	9	5	30	0.2	13	83	1	3	11	1.45	1	12	10	2	26	1	1	7	1	3	130	0.11	0.01	0.37	0.23	0.03	0.03	-1	-1	-1	
S9612338	322114	1	2	2	0.2	5	14	1	1	1	0.1	1	2	10	9	1	1	1	1	1	1	19	0.01	0.01	0.06	0.02	0.01	0.01	-1	-1	-1	
S9612339	322115	12	8	46	0.2	28	181	1	6	20	2.48	3	28	2	2	28	1	1	4	2	6	276	0.24	0.01	0.94	0.05	0.01	0.02	-1	-1	-1	
S9612340	322116	10	4	23	0.2	2	67	1	4	12	2.4	1	22	9	2	32	1	1	3	1	4	271	0.1	0.01	0.66	0.02	0.01	0.01	-1	-1	-1	
S9612431	321001	14	2	297	0.8	38	785	1	1	8	8.69	1	2	2	10	2	8	1	121	1	1	4026	0.21	0.01	0.06	2.42	0.04	0.03	-1	-1	-1	
S9612432	321002	27	9	39	0.2	11	496	1	7	17	1.63	4	15	2	6	15	5	1	103	13	12	645	0.21	0.01	1.36	1.66	0.03	0.01	-1	-1	-1	
S9612433	321003	21	9	54	0.2	13	212	1	5	22	1.35	4	21	2	2	15	2	1	53	6	6	166	0.36	0.01	0.82	1.21	0.01	0.02	-1	-1	-1	
S9612434	321004	27	5	71	0.2	16	226	1	4	18	0.75	4	8	2	6	6	5	1	102	4	4	453	0.22	0.01	0.7	2.63	0.04	0.01	-1	-1	-1	
S9612435	321006	35	5	115	0.2	8	284	2	4	20	0.77	1	15	2	2	9	4	1	89	3	3	319	0.18	0.01	0.55	2.07	0.03	0.04	-1	-1	-1	
S9612436	321007	17	4	64	0.2	7	151	1	1	7	0.23	5	2	2	6	2	1	1	82	1	1	13	0.07	0.01	0.17	1.86	0.03	0.02	-1	-1	-1	
S9612437	321008	19	4	27	0.2	9	113	1	1	6	0.49	1	7	2	2	4	4	1	58	1	2	67	0.17	0.01	0.43	1.71	0.04	0.02	-1	-1	-1	
S9612438	321009	13	2	18	0.2	3	135	1	1	3	0.17	1	2	2	2	2	3	1	1	83	1	1	117	0.23	0.01	0.25	2.54	0.04	0.01	-1	-1	-1

S9612439	321010	19	2	15	0.2	8	72	1	2	6	0.58	1	5	2	2	3	1	1	29	3	3	163	0.07	0.01	0.37	1.69	0.05	0.01	-1	-1	-1
S9612440	321011	61	7	82	0.4	5	185	1	50	121	5.15	7	43	2	2	29	8	1	30	31	35	2496	0.31	0.01	1.03	1.45	0.03	0.04	-1	-1	-1
S9612441	321012	9	4	12	0.2	2	44	1	1	2	0.25	1	2	2	2	3	1	1	6	1	3	26	0.02	0.01	0.19	0.09	0.04	0.02	-1	-1	-1
S9612442	321013	16	4	44	0.2	16	47	1	2	5	0.85	1	2	2	2	12	1	1	30	1	4	67	0.06	0.01	0.21	0.81	0.03	0.01	-1	-1	-1
S9612443	321015	44	7	70	0.2	17	378	1	3	15	0.82	1	9	2	2	9	2	1	146	8	6	389	0.2	0.01	0.68	3.48	0.04	0.01	-1	-1	-1
S9612444	321016	12	2	28	0.2	6	121	1	1	3	0.23	4	2	2	2	2	1	56	1	2	116	0.06	0.01	0.32	1.54	0.02	0.01	-1	-1	-1	
S9612445	321017	22	5	43	0.2	5	177	1	1	6	0.28	2	2	2	2	6	1	119	1	1	152	0.07	0.01	0.4	3.13	0.04	0.02	-1	-1	-1	
S9612446	321018	29	7	44	0.2	19	128	1	6	21	1.24	1	20	2	2	16	1	1	47	4	3	351	0.22	0.01	0.58	1.12	0.03	0.01	-1	-1	-1
S9612447	321019	7	4	21	0.2	3	20	1	1	9	0.25	1	7	2	2	4	5	1	5	1	1	17	0.03	0.01	0.14	0.08	0.04	0.01	-1	-1	-1
S9612448	321020	46	6	71	0.6	21	268	1	7	34	1.5	2	34	2	2	18	12	1	88	11	8	407	0.37	0.01	0.95	2.19	0.03	0.01	-1	-1	-1
S9612449	321021	21	4	77	0.2	10	309	2	2	8	0.34	2	2	2	2	2	1	1	157	2	2	510	0.22	0.01	0.46	3.27	0.03	0.04	-1	-1	-1
S9612450	321034	10	11	41	0.2	5	93	1	4	16	1.88	4	17	2	2	22	4	1	7	2	5	147	0.24	0.01	0.81	0.1	0.01	0.02	-1	-1	-1
S9612451	321035	20	10	54	0.2	23	154	1	7	22	1.64	2	22	2	2	18	1	1	18	6	8	263	0.36	0.01	0.82	0.26	0.01	0.02	-1	-1	-1
S9612452	321037	29	10	143	0.7	7	384	3	4	17	1.24	4	13	2	2	11	4	1	102	16	13	382	0.22	0.01	1.4	1.93	0.03	0.01	-1	-1	-1
S9612453	321038	12	2	52	0.2	5	629	1	3	6	0.38	2	7	2	2	4	2	1	218	2	2	2917	0.29	0.01	0.28	4.53	0.04	0.05	-1	-1	-1
S9612454	321039	27	24	76	0.2	16	335	1	13	32	3.56	3	35	2	2	30	7	1	101	22	20	447	0.65	0.01	1.6	1.11	0.06	0.05	-1	-1	-1
S9612455	321040	4	2	6	0.2	8	39	1	1	1	0.25	2	2	2	2	3	1	1	17	1	2	166	0.05	0.01	0.33	0.31	0.02	0.01	-1	-1	-1
S9612456	321041	37	15	83	0.2	20	211	1	4	17	1.61	4	28	2	2	12	1	1	103	24	16	160	0.32	0.01	0.88	1.78	0.04	0.03	-1	-1	-1
S9612457	321042	32	11	93	0.2	34	237	1	10	37	3.01	2	33	2	2	30	1	1	31	10	14	286	0.57	0.01	1.3	0.49	0.01	0.03	-1	-1	-1
S9612458	321043	26	10	56	0.2	35	143	1	10	29	2.93	4	26	2	2	26	4	1	10	5	16	190	0.46	0.01	1.49	0.16	0.01	0.03	-1	-1	-1
S9612459	321044	24	8	54	0.4	16	259	1	3	11	1.04	5	10	2	2	11	1	1	45	4	5	337	0.12	0.01	0.72	0.86	0.04	0.02	-1	-1	-1
S9612460	321045	23	15	110	0.2	32	258	2	7	17	1.68	4	17	2	2	17	3	1	48	4	5	521	0.21	0.01	0.79	0.94	0.03	0.02	-1	-1	-1
S9612461	321046	27	6	66	0.2	8	309	2	5	16	0.95	4	11	2	2	9	2	1	68	10	10	816	0.16	0.01	1.02	1.4	0.03	0.02	-1	-1	-1
S9612462	321047	37	7	71	0.4	11	243	1	3	19	1.22	4	24	2	2	13	4	1	39	15	11	163	0.16	0.01	1.46	0.73	0.03	0.01	-1	-1	-1
S9612463	321048	9	8	20	0.6	9	50	1	2	6	1	2	13	2	6	24	1	1	3	1	3	47	0.08	0.01	0.51	0.03	0.03	0.01	-1	-1	-1
S9612464	321049	2	2	3	0.2	5	15	1	1	1	0.14	1	2	2	2	2	4	1	3	1	1	6	0.01	0.01	0.26	0.02	0.01	0.01	-1	-1	-1
S9612465	321050	13	7	32	0.4	16	127	1	1	6	0.77	1	9	2	2	12	5	1	8	1	3	100	0.07	0.01	0.6	0.12	0.04	0.01	-1	-1	-1
S9612466	321051	2	2	3	0.2	8	13	1	1	1	0.11	2	2	2	7	2	5	1	2	1	1	6	0.01	0.01	0.11	0.01	0.01	0.01	-1	-1	-1
S9612467	321052	74	12	101	0.2	12	151	1	14	57	3.41	5	53	2	6	33	5	1	20	8	15	346	0.67	0.01	1.53	0.39	0.01	0.03	-1	-1	-1
S9612469	321723	1	2	3	0.2	1	16	1	1	2	0.19	1	2	2	4	6	1	3	1	1	10	0.03	0.01	0.17	0.02	0.03	0.02	-1	-1	-1	
S9612470	321725	31	10	52	0.2	12	316	1	9	21	2.17	3	24	2	2	27	6	1	56	13	16	494	0.39	0.01	1.29	1.04	0.05	0.03	-1	-1	-1
S9612471	321726	6	10	43	0.2	18	124	1	3	13	1.7	1	21	2	2	27	7	1	9	3	14	109	0.3	0.01	1	0.16	0.01	0.02	-1	-1	-1
S9612472	321727	6	2	31	0.2	9	39	1	2	6	0.9	2	8	2	2	19	9	1	5	1	9	70	0.09	0.01	0.41	0.06	0.01	0.03	-1	-1	-1
S9612473	321728	7	11	37	0.2	17	380	1	5	12	2.25	1	26	2	2	42	4	1	16	3	17	131	0.32	0.01	1.2	0.24	0.01	0.01	-1	-1	-1
S9612474	321729	18	16	76	0.2	12	279	1	9	27	2.96	3	43	2	2	39	9	1	28	9	20	436	0.65	0.01	1.54	0.52	0.01	0.03	-1	-1	-1
S9612475	321730	40	6	89	0.2	10	204	1	22	62	5.6	5	103	2	2	77	16	1	16	6	19	685	1.83	0.01	2.92	0.31	0.01	0.02	-1	-1	-1
S9612476	321731	51	10	82	0.7	19	451	1	12	50	6.7	9	78	2	2	49	9	1	37	44	42	1490	0.97	0.01	2.14	0.76	0.03	0.02	-1	-1	-1
S9612477	321732	67	2	90	0.2	35	150	1	26	72	5.56	7	102	2	2	70	6	1	22	11	25	807	1.99	0.01	2.93	0.58	0.01	0.03	-1	-1	-1
S9612478	321733	57	2	20	0.2	1	203	1	3	9	0.77	1	15	2	2	14	4	1	51	13	10	122	0.15	0.01	0.92	1.47	0.03	0.02	-1	-1	-1
S9612479	321734	3	2	7	0.2	1	41	1	1	4	0.41	1	7	2	2	8	8	1	8	1	2	38	0.08	0.01	0.3	0.11	0.03	0.02	-1	-1	-1
S9612480	321735	34	5	96	0.2	1	193	1	17	51	3.81	3	66	2	2	50	14	1	45	13	21	742	1.43	0.01	2.12	1.1	0.02	0.05	-1	-1	-1
S9612481	321736	26	7	63	0.2	11	411	1	21	58	4.16	2	132	2	2	66	11	1	18	8	12	584	1.17	0.01	1.94	0.48	0.01	0.02	-1	-1	-1
S9612482	321737	26	9	21	0.2	6	159	1	3	7	0.91	1	11	2	2	14	7	1	14	3	7	142	0.12	0.01	0.64	0.22	0.02	0.02	-1	-1	-1
S9612483	321739	9	2	9	0.2	3	71	1	1	4	0.46	1	5	2	2	7	7	1	15	2	3	72	0.08	0.01	0.31	0.3	0.02	0.01	-1	-1	-1
S9612484	321740	11	2	9	0.2	3	71	1	1	4	0.46	1	5	2	2	7	7	1	15	2	3	72	0.08	0.01	0.31	0.3	0.02	0.01	-1	-1	-1
S9612485	321742	24	5	56	0.2	9	154	1	13	33	3.47	3	46	2	2	45	7	1	12	5	17	398	0.97	0.01	1.87	0.26	0.01	0.03	-1	-1	-1
S9612486	321743	15	6	40	0.2	13	191	1	7	23	2.14	2	36	2	2	28	8	1	16	4	15	234	0.6	0.01	1.26	0.23	0.01	0.03	-1	-1	-1
S9612487	321744	42	10	68	0.2	22	283	1	10	37	2.77	4	45																		

S9612640	321748	38	16	82	0.2	49	187	1	11	31	2.45	2	21	2	2	15	7	1	63	23	25	816	0.63	0.01	1.36	1.31	0.01	0.03	-1	-1	-1
S9612641	321749	26	7	66	0.2	8	155	1	20	94	3.87	1	208	2	2	76	11	1	21	2	6	394	2.33	0.09	2.33	0.38	0.01	0.02	-1	-1	-1
S9612642	321751	13	12	45	0.2	20	88	1	6	23	2.9	3	34	2	2	39	8	1	6	2	16	158	0.53	0.01	1.37	0.06	0.01	0.03	-1	-1	-1
S9612643	321752	13	8	38	0.2	6	115	1	6	22	1.78	2	25	2	2	21	10	1	18	8	13	307	0.38	0.01	0.88	0.28	0.01	0.02	-1	-1	-1
S9612644	321753	39	12	74	0.2	10	151	1	13	46	3.19	3	50	2	2	37	10	1	41	14	22	458	0.89	0.01	1.48	0.64	0.01	0.05	-1	-1	-1
S9612645	321755	9	2	11	0.2	12	98	1	2	5	0.59	1	7	2	2	9	7	1	24	2	3	110	0.09	0.01	0.39	0.55	0.03	0.02	-1	-1	-1
S9612646	321756	26	6	53	0.2	13	366	1	11	28	2.82	2	41	2	2	34	9	1	46	8	15	509	0.74	0.01	1.55	1.04	0.01	0.03	-1	-1	-1
S9612647	321759	8	2	9	0.2	1	141	1	1	2	0.48	2	4	2	2	8	8	1	29	2	3	189	0.05	0.01	0.45	0.68	0.03	0.01	-1	-1	-1
S9612648	321761	47	19	123	0.2	13	502	1	21	87	4.52	4	146	2	2	74	5	1	32	16	23	702	1.84	0.01	2.42	0.77	0.01	0.03	-1	-1	-1
ANALYTICAL METHODS :																															
ICP PACKAGE : 0.5 gram sample digested in hot reverse aqua regia (soil, silt) or hot Aqua Regia (rocks)																															

APPENDIX III

STATEMENT OF EXPENDITURES

LING PROPERTY

<u>EXPENDITURE ITEM</u>	<u>COST \$</u>
GEOLOGY STAFF COST	375
GEOCHEMISTRY STAFF COSTS	360
PROSPECTING STAFF COSTS	210
GEOCHEMICAL ANALYSES	1,880
DOMICILE	350
HELICOPTER	1,495
TOTAL	4,670



N.T.S. 105 G11, G12

LING PROPERTY			
Drawn by: DGV	Traced by:		
Revised by:	Date:	Acad JHS:	
		Geochem Sample Locations	
		DwG(1)	
		SCALE: 1:10,000	DATE: JUNE 597
		PLATE NO: FIG. 4	



DWG ②

1996 PELLY MTN. RECCE		N.T.S. 105 G/11,12
Drawn by: P.A.M.	Traced by:	
Revised by: _____	Revised by: _____	
Ling Property CLAIMS		
WATSON LAKE M.D., YUKON		
Scale: 1:10,000 Date: APRIL, 1997 Plate: 2		

