093454

COMINCO LTD.

EXPLORATION

WESTERN DISTRICT

NTS 105 H/5

1995 ASSESSMENT REPORT

ERA PROPERTY

AIRBORNE GEOPHYSICS,

SILT GEOCHEMISTRY AND GEOLOGICAL MAPPING

WATSON LAKE M.D., YUKON

NORTH MONEY CREEK AREA

WORK PERIOD

July 8, 17 1995

LATITUDE: 61°26'

LONGITUDE: 129°51'

MARCH, 1996

DARREN A. SENFT
R. W. HOLROYD

TABLE OF CONTENTS

ATTACHMENTS

1995 ASSESSMENT REPORT
ERA PROPERTY, YUKON TERRITORY

1. SUMMARY

The ERA property, comprising 117 units, is located north of Money Creek, approximately 38 kms east of Cominco's ABM VHMS Deposit, 10 kms west of Frances Lake, and roughly 130 kms southeast of Ross River.

The original property was staked to cover the drainage areas of highly anomalous Zn and Cd silt samples collected during a 1987 government RGS survey.

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 and Westmin/Atna's Wolverin Zone VHMS Deposits.

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, 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.

The ERA property is predominantly underlain by late Devonian to mid-Mississippian Earn Group equivalent metasediments within the Finlayson Lake Fault Zone. The stratigraphy generally trends southeast to east with shallow to moderate southwest to south dips.

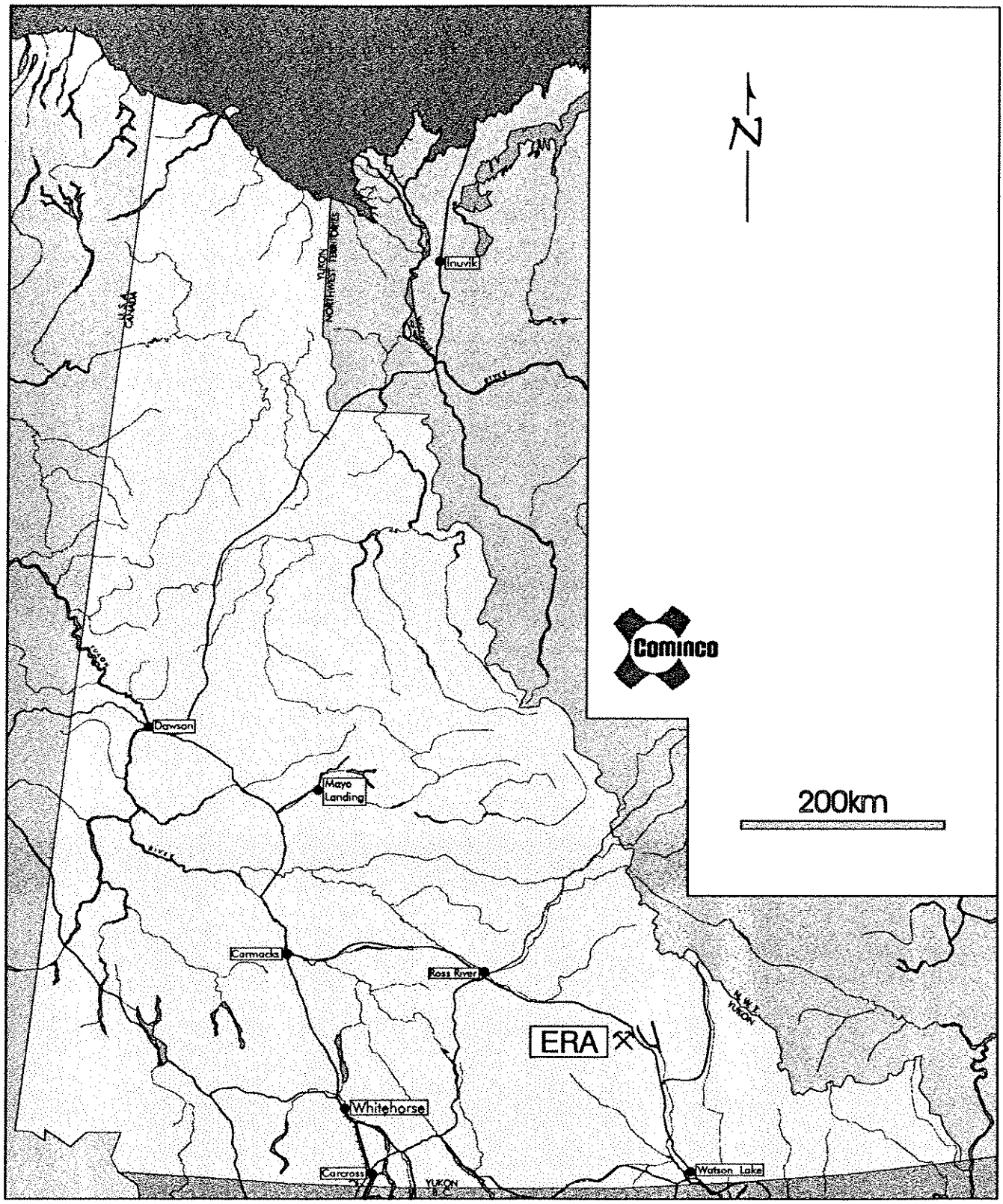
Several rock types are present on the ERA propery, including carbonates, metasediments (chert, argillite), and minor felsic volcanics. The structurally uppermost rock type on the property is a non-fossiliferous carbonate unit, comprised of medium-grained, thin bedded to massive, brownish-grey recrystallized limestone/marble, with minor siltstone interbands/beds. Below the carbonate is a metasedimentary interval dominated by thick bedded to massive, grey to dark grey weathered, variably siliceous, weakly carbonaceous chert. This chert is often interbedded with argillaceous shales and mudstones. A fine-grained chert pebble conglomerate is seen near the lower contact.

Structurally below this, occuring in the northern part of the property, is a section of dark grey to black, weakly to moderately siliceous, non-mineralized argillaceous shales and mudstones, with minor interbeds of chloritic mafic tuff locally. The lowest structural unit occurs below the shales on the northeast side of the property. The unit is comprised of fine grained to very fine grained, light grey, siliceous, felsic to intermediate lapilli and crystal tuffs.

A helicopter supported silt sampling program was carried out in the ERA property area on July 17, 1995. A total of 40 silt samples were collected from streams on or near the property. Results returned anomalous values for Cu, Zn, and Ba.

Airborne geophysical surveys outlined several conductive zones, three of which possess moderate to stong AEM responses associated with moderate to strong, linear mag features.

Further detailed geological mapping, prospecting and soil and rock geochemistry are recommended for the ERA property, specifically targeting drainages with anomalous silt results. A grid-based geophysical survey is also recommended for specific AEM/MAG targets.



Drawn by:		Traced by: a. m. a.		ERA PROPERTY LOCATION MAP		
Revised by:	Date:	Revised by:	Date:			
				105 G/8		
Scale: As Shown		Date: Feb., 1996		Plate: 1		

2. LOCATION AND ACCESS

The ERA property is located about 38 kms east of Cominco's ABM VHMS Deposit, north of Money Creek, approximately 10 kms west of Frances Lake, and 130 kms southeast of Ross River (Figure 1). The gravel, all-weather Robert Campbell Highway provides access to within 5 kms of the property. Direct access is by helicopter.

3. PROPERTY AND OWNERSHIP

The ERA property, totalling 117 units (Figure 2), is 100% owned by Cominco Ltd. The ERA claim block, with subsequent Cominco staking, is now contiguous with the STRIKE claim block.

NAME	UNITS	CLAIM NO.	DUE DATES
ERA 1-117	117	YB59295-411	Feb. 5/97

4. PREVIOUS WORK

Known recorded work in this area is limited to the government RGS survey conducted in 1987. Initial staking in this area was in response to two anomalous silt samples from this survey. The two samples from adjacent streams, approximately one kilometre apart, returned zinc values of 2445 and 2510 ppm, with corresponding cadmium values of 12.6 and 10.5 ppm.

5. 1995 WORK

GEOLOGICAL MAPPING

On July 8, 1995, 1:20,000 scale geological mapping and prospecting was carried out by P.A. MacRobbie, T.C. Schwartz and A.B. Mawer on the ERA claims (Figure 3). A total of 2 rock samples were collected, data for which is presented in Appendix 2.

SILT GEOCHEMISTRY

A helicopter supported silt sampling program was carried out in the ERA property area on July 17, 1995. A total of 40 silt samples were collected from streams on or near the property. Data is presented in Figure 3 and Appendix 2.

GEOCHEMICAL ANALYSES: The silt and rock 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.

AIRBORNE GEOPHYSICAL SURVEYS

The airborne EM/MAG survey was flown over the ERA property between July 22 and August 23, 1995. Results are included in Figures 4a,b.

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 (Plint, 1994).

7. PROPERTY GEOLOGY AND MINERALIZATION

The ERA property is predominantly underlain by late Devonian to mid-Mississippian Earn Group equivalent metasediments within the Finlayson Lake Fault Zone.

The property is relatively well exposed on the ridges above treeline, as well as along creek cuts. The stratigraphy is generally shallow to moderately dipping, with variable bedding and foliation, trending predominantly to the southeast, with moderate southwest dips (30-55°). The stratigraphy to the north of the property gradually becomes more easterly trending, with slightly shallower dips to the south of 20-35° (Figure 3).

The rock types present on the ERA propery include carbonates, metasediments (chert, argillite), and minor felsic volcanics. The structurally uppermost rock type on the property is a non-fossiliferous carbonate unit, comprised of medium-grained, thin bedded to massive, brownish-grey recrystallized limestone/marble, with minor siltstone interbands/beds. This carbonate, barren of any mineralization, is present along the southwestern edge of the claim block, and may represent the Pennsylvannian *"upper unit"* of Mortensen (1983a), or possibly correlate with the Silurian-Devonian carbonate in the FIN area.

Below the carbonate is a metasedimentary interval dominated by thick bedded to massive, grey to dark grey weathered, variably siliceous, weakly carbonaceous chert, thought to correlate with the Devonian-Mississippian Selwyn Basin Earn Group (Plint, 1996). This chert is often interbedded with argillaceous shales and mudstones. Towards the lower contact of this unit is a fine-grained chert pebble conglomerate associated with thin quartz veins. This unit, approximately 800-1000 metres thick, contains only very minor pyrite mineralization. Structurally below the chert, occuring in the northern part of the property, is a 500-800 metre thick section of dark grey to black, weakly to moderately siliceous, non-mineralized argillaceous shales and mudstones. This unit, containing minor chloritic mafic tuff interbeds, is also thought to correlate with the Selwyn Basin Earn Group.

The lowest structural unit on the ERA block occurs below the shales on the northeast side of the property. The unit is comprised of fine grained to very fine grained, light grey, siliceous, felsic to intermediate lapilli and crystal tuffs. These rocks could possibly correlate with either the felsic volcanic sequences of the Earn Group or those of the Yukon-Tanana Terrane. Quartz veins occuring within this unit were sampled, but results indicated no significant mineralization was present.

8. SILT GEOCHEMISTRY

A helicopter supported silt sampling program was carried out in the ERA property area on July 17, 1995. A total of 40 silt samples were collected from streams on or near the property. Results from this program returned anomalous values for Cu (up to 811 ppm), Zn (up to 2427 ppm), and Ba (up to 3101 ppm). Data is presented in Figure 3 and Appendix 2.

9. AIRBORNE GEOPHYSICAL SURVEY

SURVEY PROCEDURES

The survey was completed in the period from July 22 to August 23, 1995 with the flying over the ERA claims involving only a small portion of this time. Principal personnel are listed in Appendix II. Aircraft ground speed is maintained at approx. 60 knots (30 metres per second). The nominal EM sensor height is 30 metres (100 feet), consistent with the safety of the aircraft and crew. The spacing of the flight lines is 300 metres.

A global positioning system (GPS) consisting of a Magnavox MX 9212 operated in differential mode guides aircraft navigation and flight line control. Field processing of the differential GPS data in the field utilizies a PC using software supplied by the manufacturer. One system is installed in the survey helicopter. This involves mounting the receiver antenna on the tail boom. A second system acts as the base station.

The published NTS maps provide the UTM coordinates of the survey area corners. These coordinates program the navigation system. A test flight confirms if area coverage is correct. Thereafter, the navigation system guides the pilot along the survey traverse lines marked on the topographic map. The operator also enters manual fiducials over prominent topographic features. Survey lines showing excessive deviation are re-flown.

Aircraft position is registered by the navigation system. The operator calibrates the geophysical systems at the start, middle (if required) and end of every survey flight. During calibration the aircraft is flown away from ground effects to record electro-magnetic zero levels.

PRESENTATION

A claim map of the ERA area is presented on a topo base, at a scale of 1:10,000. The EM and magnetic data are overlain for easy interpretation in this report and include the 4600 Hz coaxial, electromagnetic profiles and interpretation on a coloured total field magnetic background, at a scale of 1:10,000 (Figure 4a). On a separate plate is a total field magnetic contour map, also at a scale of 1:10,000 (Figure 4b).

AIRCRAFT AND EQUIPMENT

The survey aircraft was an Aerospatiale AS316B helicopter (C-FPWH), piloted by G. Suthern and B. Stone, owned and operated by Turbowest Helicopters. P. Moisan and J. Cunningham of Aerodat acted as navigator and equipment operator. Aerodat performed the installation of the geophysical and ancillary equipment. The survey aircraft flies at a mean terrain clearance of 60 metres (200 feet).

The electromagnetic system is an Aerodat five-frequency configuration, though this data set includes only one vertical coaxial coil pair at a frequency of 4600 Hz. Transmitter-receiver separation is seven metres. In-phase and quadrature signals are measured simultaneously with a time constant of 0.1 seconds. The HEM bird is towed 30 metres (100 feet) below the helicopter.

A Scintrex H88 Cesium, optically pumped magnetometer sensor, measures the earth's magnetic field. The sensitivity of this instrument is 0.001 nT at a sampling rate of 0.2 second. The sensor is towed in a bird 15 metres (50 feet) below the helicopter, 45 metres (150 feet) above the ground. A GSM-19 Cesium magnetometer is set up at the base of operations to record diurnal variations of the earth's magnetic field. Synchronization of the clock of the base station with that of the airborne system is checked each day to ensure diurnal corrections will be accurate. Recording resolution is 1 nT with an update rate of four seconds. The data is saved to disk.

DATA PROCESSING AND PRESENTATION

The base map is taken from digital NTS topographic maps. A UTM reference grid and the survey area boundary are added.

The electromagnetic data are recorded digitally at a sample rate of 10 per second with a time constant of 0.1 seconds. A two-stage digital filtering process rejects major sferic events and reduces system noise. Following the filtering process, a base level correction is made using EM zero levels determined during high altitude calibration sequences. The correction applied is a linear function of time that ensures the corrected amplitude of the various in-phase and quadrature compo-nents is zero when no conductive or permeable source is present.

The aeromagnetic data are corrected for diurnal vari-ations by adjustment with the recorded base station magnetic values. No corrections for regional variations are applied. The corrected profile data are interpolated on a regular grid using an Akima spline technique. The grid provided the basis for threading the presented contours. The minimum contour interval is 2 nT. The grid cell is 50 m.

ANOMALY SELECTION

EM anomalies are manually picked from the profiles, are digitized by location and type (normal, magnetite or power line). The 4600 Hz in-phase and quadrature anomaly amplitudes are recovered for the locations given. Normal anomalies are modelled as a vertical thin sheet conductor using an automated phasor diagram. Inversion returns estimates of source conductance and depth of burial. Anomaly centres showing the conductance range and in-phase response are plotted on selected map products.

10. CONCLUSIONS and RECOMMENDATIONS

The ERA property is predominantly underlain by late Devonian to mid-Mississippian metasediments within the Finlayson Lake Fault Zone. The stratigraphy generally trends southeast to east with shallow to moderate southwest to south dips.

Several rock types are present on the ERA propery, including carbonates, metasediments (chert, argillite), and minor felsic volcanics. The structurally uppermost rock type on the property is a non-fossiliferous carbonate unit, comprised of medium-grained, thin bedded to massive, brownish-grey recrystallized limestone/marble, with minor siltstone interbands/beds. Below the carbonate is a metasedimentary interval dominated by thick bedded to massive, grey to dark grey weathered, variably siliceous, weakly carbonaceous chert, thought to correlate with the Selwyn Basin Earn Group. This chert is often interbedded with argillaceous shales and mudstones. A fine-grained chert pebble conglomerate is seen near the lower contact.

Structurally below this, occuring in the northern part of the property, is a section of dark grey to black, weakly to moderately siliceous, non-mineralized, Earn Group equivalent argillaceous shales and mudstones, with minor interbeds of chloritic mafic tuff locally. The lowest structural unit occurs below the shales on the northeast side of the property. The unit is comprised of fine grained to very fine grained, light grey, siliceous, felsic to intermediate lapilli and crystal tuffs and possibly correlative with the felsic volcanics of either the Earn Group or YTT.

A helicopter supported silt sampling program was carried out in the ERA property area on July 17, 1995. A total of 40 silt samples were collected from streams on or near the property. Results returned anomalous values for Cu, Zn, and Ba.

Airborne geophysical surveys outlined several conductive zones, three of which possess moderate to stong AEM responses associated with moderate to strong, linear mag features.

Further detailed geological mapping, prospecting and soil and rock geochemistry are recommended for the ERA property, specifically targeting drainages with anomalous silt results. Grid-based geophysical surveys are also recommended for specific AEM/MAG targets.

Report by:

D.A. Senft, B.Sc.
Geologist

R.W. Holroyd, B.Sc./P.Geo.
Geophysicist

Endorsed by:

D. Rhodes
Senior Geologist

Approved for
Release by:

D.W. Moore
Manager, Exploration
Western Canada

DAS/

DISTRIBUTION:
W.D. Files
Geophysics Files
Mining Recorder (2)

11. REFERENCES

FRANKLIN, J. M., 1993. VOLCANIC-ASSOCIATED MASSIVE SULPHIDE DEPOSITS; in Kirkham, R.V., Sinclair, W. D., Thorpe, R. I. and Duke, J. M., eds., Mineral Deposit Modelling; Geological Association of Canada, Special Paper 40, p. 315-334.

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.

PLINT, H. E. AND GORDON, T.M., 1996. STRUCTURAL EVOLUTION AND ROCK TYPES OF THE SLIDE MOUNTAIN AND YUKON-TANANA TERRANES IN THE CAMBELL RANGE, SOUTHEASTERN YUKON.

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.

TAKATA, S. S., 1995. OPERATIONAL REPORT ON A COMBINED HELICOPTER-BORNE MAGNETIC AND ELECTROMAGNETIC SURVEY, PELLY MOUNTAIN EXTENSION, YUKON TERRITORY; for Cominco Exploration Ltd.

APPENDIX 1

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 from 1991 to 1995, and am presently employed as a geologist with Cominco Ltd.

Date: March, 1996

D.A. Senft
GEOLOGIST

STATEMENT OF QUALIFICATIONS

I, ROBERT W. HOLROYD, of 2752 Dollarton Highway, in the City of North Vancouver, in the Province of British Columbia, do hereby certify:

1. THAT I graduated with a Bachelor of Science in Honours Applied Earth Science - Cooperative Programme, from the University of Waterloo in 1977.

2. THAT I am a member in good standing of the Association of Professional Engineers and Geoscientists of the Province of British Columbia.

3. THAT I have been actively practising my profession from 1973 to 1995, and have been an employee of Cominco Ltd. from 1977 to 1995.

Date: March, 1996

Robert W. Holroyd,
B.Sc./P.Geo.
GEOPHYSICIST

APPENDIX 2

1995 GEOCHEMISTRY DATA

LAB NO	sample #	property	Au	Ba(4)	Cu	Pb	Zn	Ag	As	Sb	Cd	Co	Ni	Fe	Mo	Cr	Bi	Sb	V	Sn	W	Sr	Y	La	Mn	Mg	Ti	Al	Ca	Na	K
R9515917	TS95-R18	ERA	<10	188	1	8	28	<.4	<2	92	<1	<1	4	0.44	<2	171	<5	<5	<2	7	5	8	<2	<2	319	0.02	<.01	0.06	0.03	<.01	0.02
R9515918	TS95-R19	ERA	<10	1180	12	8	80	<.4	<2	64	<1	1	10	0.7	2	123	<5	8	<2	2	<2	5	2	<2	98	<.01	<.01	0.03	<.01	<.01	<.01

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)

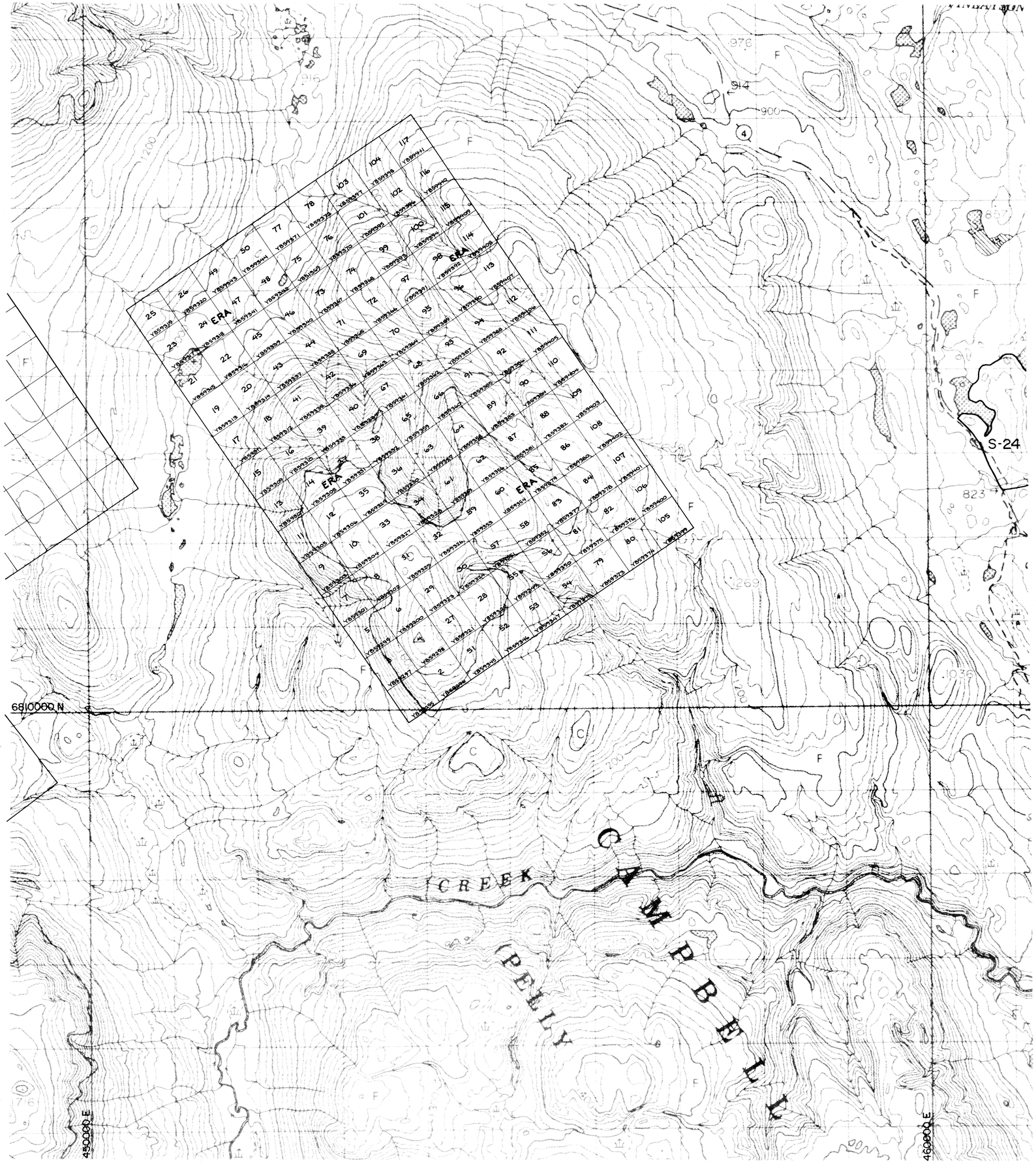
ERA LAB#	FIELD#	S	M	O	S	C	S	O	W	DPH	W/S	F/H	CU	PB	ZN	AG	AS	BA_A	CD	CO	NI	FE	MO	CR	BI	SB	V	SN	W	SR	Y	LA	MN	MG	TI	AL	CA	NA	K	AU	BA_B
9524230	245718	-1	2	1	1	BK	24	2	3	10	52	2	45	12	109	1.1	2	502	1	12	200	2.12	2	249	2	2	29	1	1	57	20	22	321	1.49	0.01	1.43	0.81	0.01	0.07	5	1977
9524231	245719	-1	2	1	1	3B	4	3	3	5	33	1	60	9	118	0.9	8	551	1	17	277	2.25	3	340	2	2	31	3	1	67	27	27	545	1.71	0.01	1.56	0.8	0.01	0.06	5	1810
9524232	245720	-1	2	1	1	BK	4	3	3	5	33	1	56	9	93	0.9	1	383	1	15	282	1.83	2	345	2	7	31	3	1	90	24	25	548	1.81	0.01	1.46	1.27	0.01	0.06	5	1332
9524233	245721	-1	2	1	1	2G	34	1	3	10	72	2	41	9	1879	0.5	12	227	6	10	133	2.37	3	40	2	5	33	4	1	31	8	11	452	0.74	0.01	0.99	0.34	0.01	0.07	5	2161
9524234	245722	-1	2	1	1	GB	24	2	3	10	33	1	70	12	148	0.9	10	407	1	12	101	2.63	3	59	2	7	25	3	1	63	17	16	701	0.89	0.01	1.12	0.69	0.01	0.12	5	2775
9524235	245723	-1	2	1	2	2K	23	1	1	5	53	2	89	15	185	1.2	1	486	2	11	76	3.11	7	26	2	7	29	1	1	79	13	16	381	0.54	0.01	1.25	0.5	0.01	0.17	18	-1
9524236	245724	-1	2	1	1	2B	34	1	3	10	-1	2	51	11	2125	0.6	7	283	8	13	196	2.48	4	68	2	2	40	4	2	36	10	13	755	1.16	0.01	1.16	0.46	0.01	0.08	16	2128
9524237	245725	-1	2	1	1	2G	23	1	3	20	53	2	86	11	590	0.9	11	199	2	19	128	3.68	3	59	2	2	48	7	1	40	12	13	1749	1.08	0.01	1.68	0.43	0.01	0.14	-1	2195
9524238	245726	-1	2	1	1	BG	23	1	3	15	13	2	144	14	692	1	19	219	3	22	171	4.32	6	53	2	5	59	1	1	36	19	14	2741	1.13	0.01	1.93	0.29	0.01	0.15	12	-1
9524239	245727	-1	2	1	1	3B	34	2	3	10	13	2	114	17	513	1.2	20	217	3	28	115	4.16	6	88	2	2	47	1	1	47	16	13	2032	1.29	0.01	2.03	0.64	0.01	0.15	16	1796
9524240	245728	-1	2	1	1	GB	23	1	3	15	-1	2	119	15	793	0.9	1	217	3	21	140	3.96	4	57	2	5	52	5	1	43	18	12	2318	1.11	0.01	1.82	0.42	0.01	0.15	10	2076
9524241	245729	-1	2	1	1	2B	3	1	3	10	12	1	60	11	870	0.5	9	296	5	12	86	2.66	3	34	2	2	34	1	1	25	8	10	839	0.55	0.01	0.93	0.31	0.01	0.07	5	2108
9524242	245730	-1	2	1	1	GB	23	1	3	10	53	2	45	15	653	1.2	5	317	7	5	69	1.33	7	14	2	6	37	4	1	59	14	7	302	0.18	0.01	0.48	0.83	0.01	0.04	10	2013
9524243	245731	-1	2	1	1	2B	34	1	3	-1	42	2	71	13	117	0.2	5	212	1	10	40	2.47	2	23	2	2	27	1	1	21	10	10	1077	0.31	0.01	0.69	0.21	0.01	0.08	5	-1
9524244	245732	-1	2	1	1	2B	34	1	3	10	32	1	89	17	255	0.8	13	386	1	13	75	2.56	6	42	2	5	32	6	1	43	20	12	1229	0.51	0.01	0.91	0.54	0.01	0.1	5	2265
9524245	245733	-1	2	1	1	RB	34	1	3	5	-1	2	14	9	2427	0.4	1	207	19	6	156	1.24	1	8	2	2	18	1	18	44	8	9	718	0.37	0.01	0.45	1.01	0.01	0.04	5	1800
9524246	245734	-1	2	1	1	3G	23	1	3	10	81	2	21	10	80	0.2	4	212	1	6	23	1.58	3	9	2	2	12	1	1	44	9	11	454	0.42	0.01	0.62	0.74	0.01	0.06	5	1844
9524247	245735	-1	2	1	1	GB	34	1	3	3	51	1	16	8	73	0.2	1	151	1	6	21	1.77	2	15	2	2	15	1	1	35	9	13	331	0.6	0.01	0.88	0.49	0.01	0.05	5	1825
9524248	245736	-1	2	1	1	2B	34	1	3	-1	2	1	39	12	123	0.6	8	183	1	8	32	2.32	3	17	2	2	19	5	1	66	13	12	480	0.91	0.01	1.17	1.15	0.01	0.09	5	1817
9524249	245737	-1	2	1	1	GB	23	1	3	5	12	2	19	8	74	0.5	1	146	1	5	19	1.66	3	12	2	2	16	1	1	56	10	11	333	0.56	0.01	0.81	0.75	0.01	0.05	5	1667
9524250	245738	-1	2	1	1	GB	24	1	3	5	32	2	23	7	84	0.2	1	162	1	7	24	1.77	2	12	2	5	15	7	1	55	11	11	439	0.64	0.01	0.86	0.97	0.01	0.06	5	1785
9524251	245739	-1	2	1	1	2G	34	1	3	-1	-1	2	17	9	67	0.2	2	259	1	7	20	1.31	1	9	2	2	11	1	1	60	11	8	1507	0.37	0.01	0.5	1.24	0.01	0.04	5	1568
9524252	245740	-1	2	1	1	G	23	1	2	-1	52	1	55	15	138	0.9	12	761	1	6	31	1.75	2	10	2	2	11	2	1	85	14	11	526	0.24	0.01	0.52	0.86	0.01	0.07	-1	3421
9524253	245741	-1	2	1	1	GB	23	1	3	5	52	1	39	16	386	0.5	10	208	2	5	45	1.77	6	5	2	2	15	3	1	40	12	11	367	0.26	0.01	0.25	0.64	0.01	0.05	5	1989
9524254	245742	-1	2	1	2	3B	34	2	1	-1	52	2	113	10	104	2.3	6	1167	1	10	82	2.45	4	65	2	2	37	1	1	79	40	41	559	0.62	0.01	1.95	1.58	0.01	0.1	5	2710
9524255	245743	-1	2	1	1	2B	34	2	3	10	12	2	76	11	248	0.9	14	450	2	15	118	3.21	2	85	2	5	48	6	1	45	21	24	826	1	0.01	2.03	0.68	0.01	0.16	5	2051
9524256	245744	-1	2	1	1	2G	23	1	3	-1	12	2	66	10	276	0.7	1	313	2	15	64	3.32	3	39	2	2	60	4	1	22	16	17	1122	0.87	0.01	1.84	0.3	0.01	0.13	5	1837
9524257	245745	-1	2	1	1	3B	34	1	3	10	53	2	811	13	1580	1	1	491	39	238	372	4.09	7	58	5	2	45	3	6	61	134	30	9950	0.76	0.01	3.53	0.47	0.01	0.15	5	-1
9524258	245746	-1	2	1	1	2B	23	1	3	10	13	2	50	22	972	0.6	1	450	6	10	81	1.87	10	8	2	2	23	1	1	39	13	16	992	0.14	0.01	0.37	0.35	0.01	0.06	5	3116
9524259	245747	-1	2	1	1	2B	23	1	3	-1	-1	2	90	7	380	0.5	4	440	2	38	425	3.62	2	302	2	9	62	1	1	53	15	13	1171	4.89	0.06	1.87	0.48	0.01	0.13	5	1640
9524260	245748	-1	2	1	1	2B	34	1	3	5	33	1	80	13	152	0.5	4	629	2	8	44	1.87	4	16	2	2	16	1	1	93	16	14	2789	0.37	0.01	0.63	1.08	0.02	0.09	5	-1
9524261	245749	-1	2	1	1	2B	34	1	3	20	22	3	65	11	343	0.2	1	472	2	17	126	2.17	4	67	2	2	23	4	1	44	10	12	1313	1.21	0.01	0.74	0.62	0.01	0.06	22	2803
9524262	245750	-1	2	1	1	GB	23	1	3	20	23	3	48	6	106	0.6	3	536	1	19	215	2.98	1	158	2	2	52	6	1	33	7	12	607	2.33	0.03	1.37	0.49	0.01	0.16	10	3101
9524263	245751	-1	2	1	1	3B	34	2	3	10	53	2	84	7	131	0.8	1	275	1	17	353	2.25	2	192	2	2	40	2	1	53	14	15	657	1.57	0.01	1.41	1.07	0.01	0.11	5	-1
9524264	245752	-1	2	1	1	2G	34	1	3	10	33	2	35	5	74	0.7	8	474	1	24	533	2.7	1	368	2	2	39	1	1	20	5	10	387	4.56	0.02	1.43	0.43	0.01	0.06	5	1976
9524265	245753	-1	2	1	1	GB	23	1	3	15	44	3	46	2	65	0.6	1	251	1	19	412	2.27	1	251	2	2	32	1	1	36	6	9	291	3.54	0.02	1.19	0.57	0.01	0.12	5	-1
9524266	245754	-1	2	1	1	BK	34	3	3	1	34	2	96	9	221	0.6	1	171	1	15	91	2.88	1	82	2	6	43	2	1	63	7	13	790	1.61	0.02	1.49	1.25	0.01	0.16	5	1338
9524267	245755	-1	2	1	1	G	23	1	3	5	53	3	62	10	167	0.5	15	384	1	18	141	3.16	1	131	2	2	51	3	1	49	10	14	891	1.85	0.04	1.63	0.79	0.01	0.17	5	-1
9524268	245756	-1	2	1	1	2B	34	3	3	5	22	1	19	10	69	0.2	7	248	1	6	30	1.44	1	19	2	2	17	1	1	29	8	12	400	0.41	0.01	0.66	0.57	0.01	0.06	5	1752
9524269	245757	-1	2	1	1	G	23	1	3	5	52	1	19	10	90	0.2	1	272	1	5	28	1.54	2	22	2	2	18	2	1	35	9	11	312	0.43	0.01	0.75	0.65	0.01	0.07	5	1805

APPENDIX 3

STATEMENT OF EXPENDITURES

ERA PROPERTY

EXPENDITURE ITEM	COST $
STAFF COSTS	1,275
DOMICILE	425
GEOCHEMISTRY	1,644
HELICOPTER	960
COMMUNICATIONS	60
GEOPHYSICS/HELICOPTER	5,589
EXPEDITING	355
DRAFTING	882
TOTAL	**11,190**



0 0.5 1.0 1.5 2.0 kilometres

DWG (1)

1995 Pelly Mtn. Recce.

105 H/5

Drawn by: P.A.M.	Traced by: a.m.a.
Revised by / Date	Revised by / Date

ERA PROPERTY

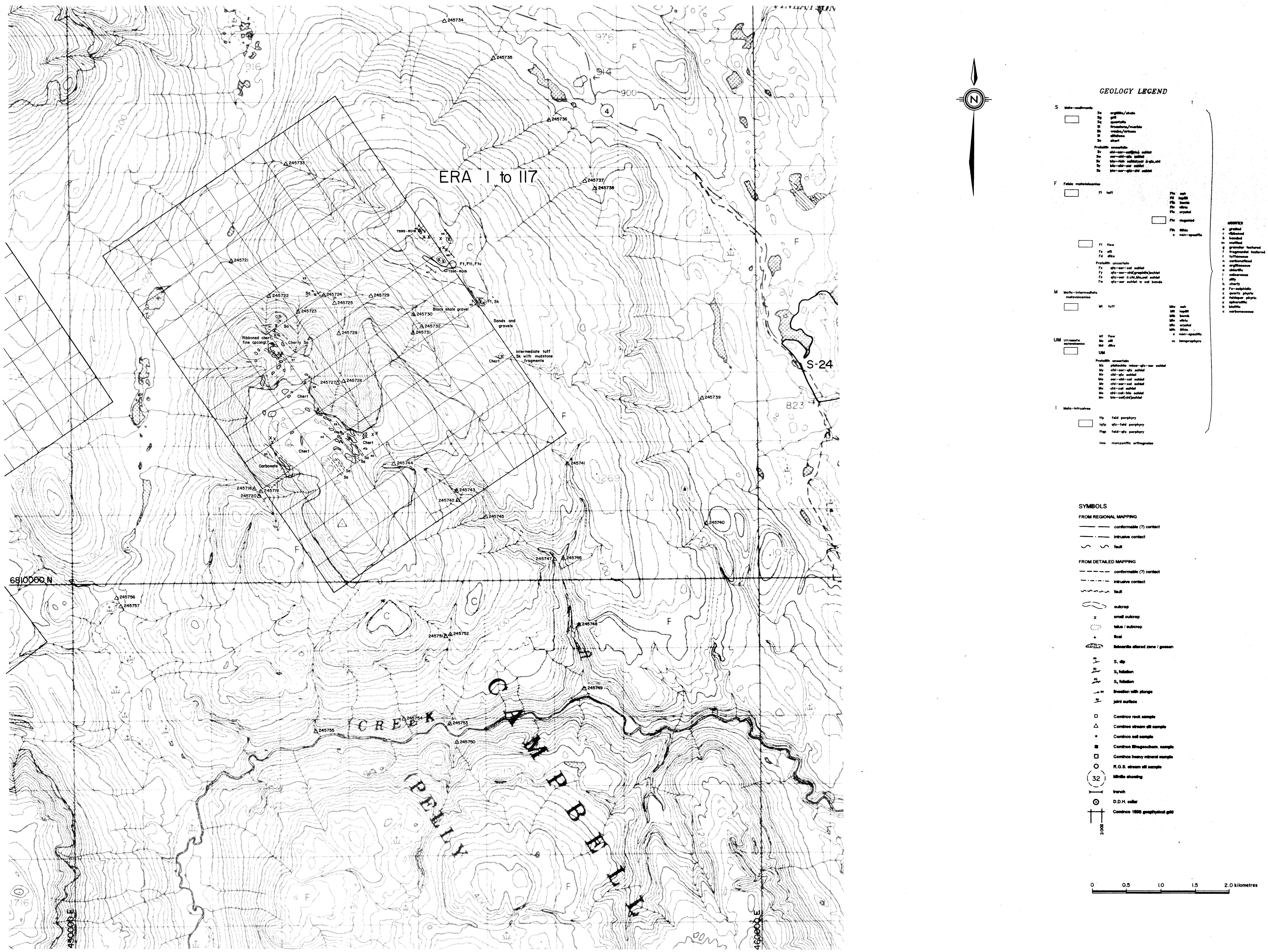
CLAIM MAP 093454

Watson Lake M.D., Yukon

Scale: 1 : 20,000 | Date: Feb., 1996 | Plate: 2

Design 1029

Form 210 - 0880



LAB NO	sample #	property	Au	Ba(4)	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
R9515817	TS95-R18	ERA	<10	189	1	8	26	<.4	<2	92	<1	<1	4	0.44	<2	171	<5	<5	<2	7	5	6	<2	<2	319	0.02	<.01	0.06	0.02	<.01	0.02
R9515818	TS95-R19	ERA	<10	1180	12	8	80	<.4	<2	54	<1	1	10	0.7	2	123	<5	8	<2	2	<2	5	2	<2	99	<.01	<.01	0.03	<.01	<.01	<.01

DWG ②

093454

1995 Pelly Mtn. Recce.

105 H/5

Drawn by: P.A.M. | Traced by: a. m. a.

Revised by	Date	Revised by	Date

ERA PROPERTY GEOLOGY and SILT SAMPLE LOCATIONS

Watson Lake M.D., Yukon

Scale: 1 : 20,000 | Date: Feb., 1996 | Plate: 3

Form 210 - 0880