GEOCHEMICAL

ASSESSMENT REPORT

ON THE

ERIN PROPERTY

ERIN 1 - 8 MINERAL CLAIMS

HOUSTON AREA

OMINECA MINING DIVISION, B.C.

NTS:	093L/06E
LATITUDE:	54° 22'15"N
LONGITUDE:	127° 06' W
OWNER:	W.R. Gilmour
OPERATOR:	Discovery Consultants
AUTHOR:	T.H. Carpenter, P.Geo.
DATE:	November 10, 1995

TABLE OF CONTENTS

LIST OF ILLUSTRATIONS

APPENDICES

SUMMARY

The Erin prospect comprises possible porphyry type and/or vein-hosted copper, silver and gold mineralization within Lower Jurassic Hazelton volcanics intruded by Late Cretaceous Bulkley Intrusives.

The occurrence is located 26 kilometres west-southwest of Houston and 45 kilometres south of Smithers.

Extensive exploration work was carried out on the property from 1965 to 1969 over an area measuring 1500 metres by 700 metres.

Further work was carried out in the area in the late 1980s following the release of a government regional geochemical survey. A high grade sample collected in 1988 from one trench yielded 43% copper, 356 oz silver/ton and 0.21 oz gold/ton.

In 1994 a limited soil and rock sampling program was carried out on the property.

LOCATION AND ACCESS

The Erin property is centred at latitude 54°22'15"N and longitude 127°06'W, 26 kilometres west-southwest of Houston and 45 kilometres south of Smithers (Figure 1).

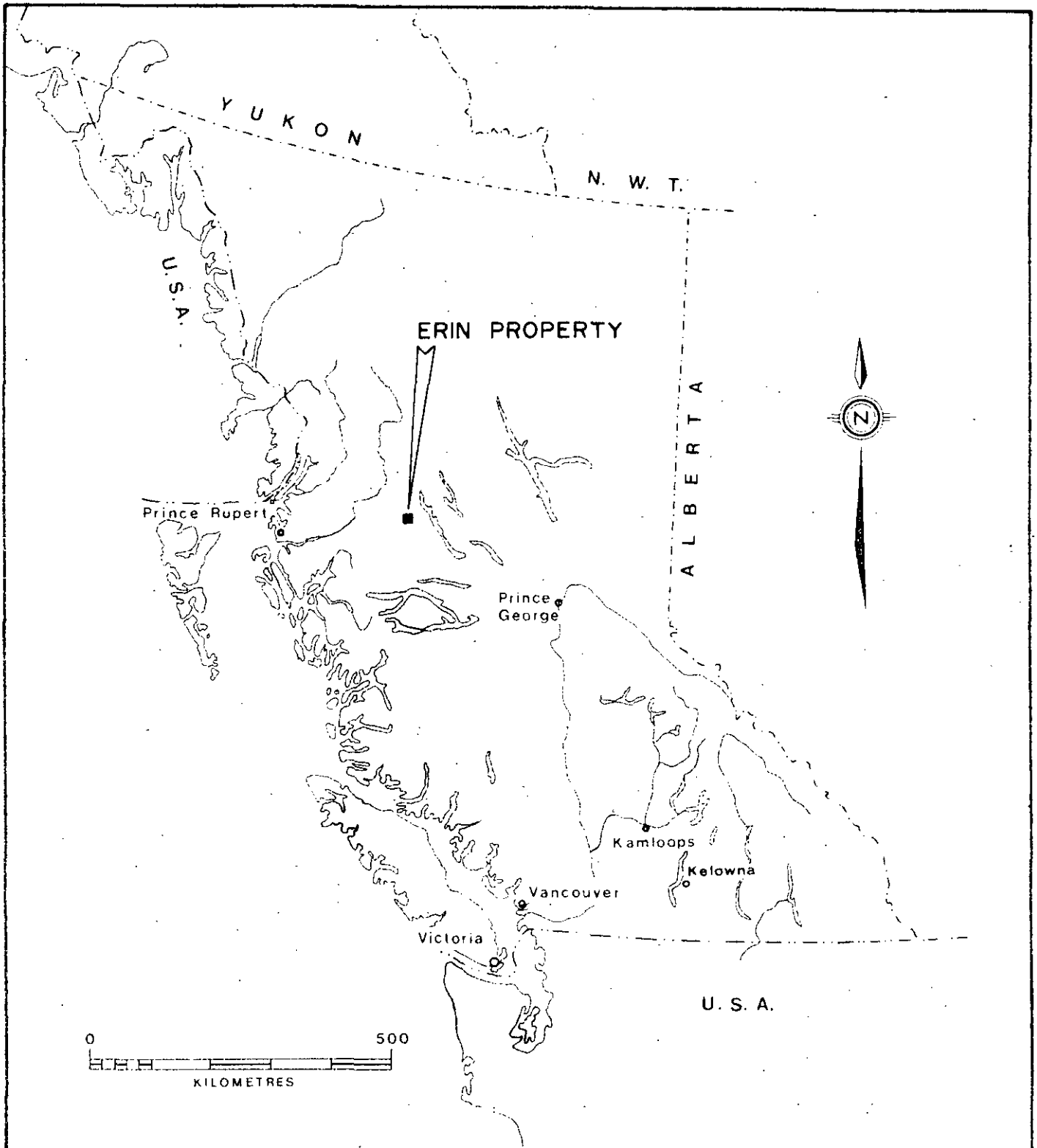
Access to the property can be gained by helicopter from Houston and Smithers. The condition of a "caterpillar" road constructed to the property during the 1960s is unknown.

TOPOGRAPHY

The Erin property lies on a relatively flat, grassy plateau situated above treeline. Elevations range from 5300 feet (1615 metres) at the southwest corner of the property to 6000 feet (1830 metres) at the northeastern corner of the property.

Westerly and southerly flowing drainages are relatively moderate in the claim area. Drainage is to the west into Houston Tommy Creek.

Outcrop is exposed in numerous trenches located on the property, along valley sides and on knolls.



DISCOVERY Consultants

PHOENIX SYNDICATE

ERIN PROPERTY

LOCATION MAP

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
T. HS. CARPENTER
GEOSCIENTIST

DATE: Nov.10/1995	PROJECT: 621	SCALE: As Shown	N.T.S. 93L/6E	M.D.: OMINECA	FIGURE: 1

DWG-621-002

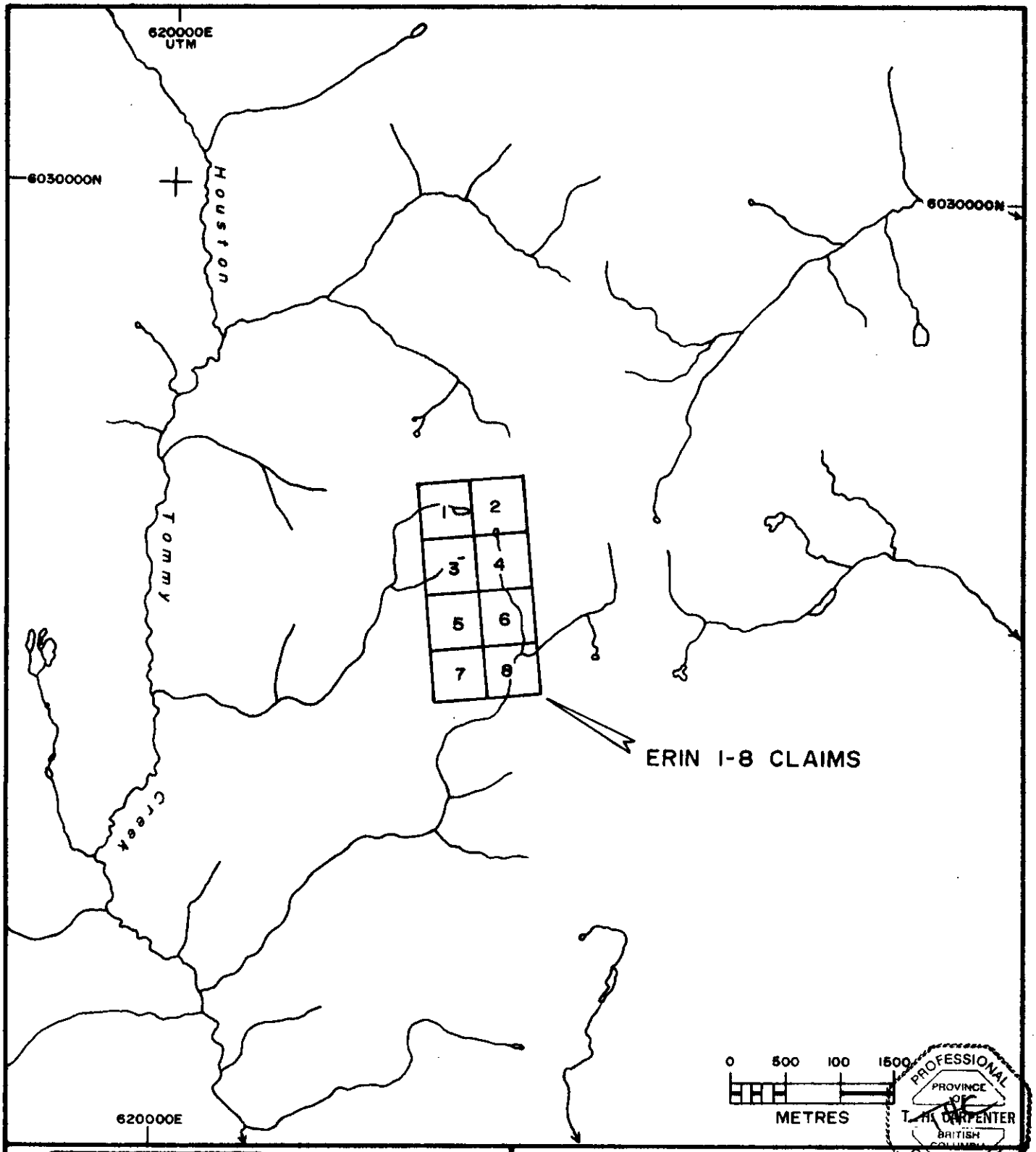
PROPERTY

The Erin property (Figure 2) comprises eight two-post claims, designated Erin 1-8, located by Murray Beenen on August 24, 1995 and recorded in Smithers on September 09, 1995.

Claim Name	Record No.	Owner of Record	Anniversary Date*
Erin 1	330562	W.R. Gilmour	August 24, 1999
Erin 2	330563	W.R. Gilmour	August 24, 1999
Erin 3	330564	W.R. Gilmour	August 24, 1999
Erin 4	330565	W.R. Gilmour	August 24, 1999
Erin 5	330566	W.R. Gilmour	August 24, 1999
Erin 6	330567	W.R. Gilmour	August 24, 1999
Erin 7	330568	W.R. Gilmour	August 24, 1999
Erin 8	330569	W.R. Gilmour	August 24, 1999

The claims are owned by W.R. Gilmour in trust for the Phoenix Syndicate.

* Pending acceptance of this report.



DISCOVERY Consultants

PHOENIX SYNDICATE

ERIN PROPERTY

CLAIM LOCATION MAP

DATE	PROJECT	SCALE	NTS	M D	FIGURE
Nov.10/1995	621	1:50000	93L/6E	OMINECA	2

DWG-621-003

HISTORY

The area of the present Erin claims was staked as part of the "B" claims by the Phelps Dodge Corporation in 1965 to cover the area of copper anomalies in silt samples. From 1965 to 1969 the company explored for copper and base metals. Extensive geochemical sampling and trenching were carried out on the property and at least 85 trenches were dug by bulldozer, blasting and hand trenching. A "cat" road, some 19.3 kilometres in length, was constructed to provide access to the property. No records of the trenching program are available.

In 1973 the Lunlik claims were staked to the east of the present Erin claims. Granges Exploration Ltd. completed geophysical and geochemical surveys over the Lunlik claims and drilled 6 diamond drill holes totalling 813.5 m to test for mineralization in a quartz diorite stock.

In 1987 a government geological survey reported moderate to strongly anomalous gold values in three creeks in the area. The area of the present Erin claims was staked, also as the Erin claims, by Geostar Mining Corporation to cover the upper reaches of a creek anomalous in gold, copper, arsenic, antimony, barite and manganese. A program of reconnaisance geological mapping, prospecting, soil and silt sampling was carried out over a three day period in 1988.

The Erin property, staked in 1994, covers the mineralized areas of the B and the former Erin claims.

GENERAL GEOLOGY

The Erin property lies in the Intermontane Belt of the Canadian Cordillera, near the eastern edge of the Coast Crystalline Complex. The area is underlain largely by subaerial to submarine volcanic, volcaniclastic and sedimentary rocks of the Hazelton Group.

The Hazelton Group, comprising and island arc assemblage deposited in Early to Middle Jurassic time, has been divided into the Telkwa, Nilkitkwa and Smithers Formations.

The oldest formation, the Telkwa, consists of calc-alkaline volcanics predominantly of subaerial origin and lesser subaqueous volcanics. The Nilkitkwa Formation conformably to disconformably overlies the Telkwa Formation and comprises fine grained clastic and tuffaceous assemblages. Overlying the Nilkitkwa Formation disconformably are fossiliferous sandstones, siltstones and intercalated felsic tuffs of the Smithers Formation.

The Telkwa Formation has been divided into five distinct facies of which the Howson subaerial facies is thought to underlie the Erin property. Strata of the Howson facies comprise well bedded, red to green coloured, basaltic to rhyolitic pyroclastic and flow rocks as well as terrestrial sedimentary rocks. The most common rocks are andesitic to dacitic pyroclastics which have been altered to a subgreenschist metamorphic grade.

Late Cretaceous intrusives have been mapped to the northeast

and to the south of the Erin property. These intrusives have been mapped as porphyritic granodiorites, quartz diorites and quartz monzonites.

Mineralization on the property is exposed principally in old bulldozer trenches. Bornite, chalcopyrite, tetrahedrite, malachite and azurite occur as massive to locally disseminated patches in andesite and locally in quartz veins and stringers. Assays from mineralized trenches reported high copper and silver with local gold values. Rhodochrosite is widespread in trenches.

WORK COMPLETED

The work carried out on the property in 1994 comprised soil sampling and rock sampling. The individual surveys are discussed below.

1. Soil Sampling

A) Program Parameters

Fifty-seven soil samples were collected on the Erin 1-6 claims. Samples were collected at 50 metre intervals along lines 1000 metres in length at right angles to the Erin claim line.

The samples were collected by shovel from the "B" horizon, placed in 9 cm x 25 cm kraft sample bags and sent to Bondar-Clegg & Company Ltd. Laboratories in North Vancouver, B.C. At Bondar-Clegg analyses were carried out for gold (30g, fire assay/AA) and 27 additional elements by ICP. Sample locations are shown on Figure 3. Analytical results are contained in Appendix 1.

B) Program Results

Limited soil sampling outlined interesting patterns of mineralization on the Erin claims. Anomalous values were noted in Cu, As, Mn and Ba on the northern two lines, whereas anomalous Au, Zn, Mn and Ba were noted on the southern line with a marked decrease in Cu values.

The maximum values obtained for the respective elements are 80 ppb Au, 440 ppm Cu, 308 ppm Zn, 691 ppm As, >2000 ppm Ba and 12037 ppm Mn. Analysis results for Cu, Au, As and Ba are shown on Figures 3 to 6 and contained in Appendix 3.

2. Rock Sampling & Mapping

A) Program Parameters

Forty-two rock samples were collected from trenches on the Erin 1-5 claims. The rocks were collected to confirm previous results as well as to determine by ICP analyses the extent of associated mineralization. The sample locations were tied into claim lines.

The rocks were shipped to Bondar Clegg and Company Ltd. in North Vancouver where they were tested for gold (30g, fire assay/AA analysis) and 27 additional elements by ICP analysis. Rock sample descriptions are contained in Appendix 2. Analytical results are listed in Appendix 3.

B) Program Results

Copper values to 1.6% were noted in rock samples. Anomalous manganese with values in excess of 20,000 ppm is widespread. Silver values to in excess of 50 ppm are in general associated with higher copper values.

The maximum value obtained for gold was 137 ppb in sample ER-94-027. Few rock samples were collected in the area of higher background gold values in soils.

Arsenic values to 3236 ppm were noted in samples. As with silver, the arsenic values are in general associated with higher copper values.

Copper, gold, arsenic and barite values are plotted on Figures 8 to 11.

CONCLUSIONS

The Erin property underwent extensive exploration for base metal mineralization in the 1960s. No results of this work, which included widespread trenching is available and there is no evidence of any diamond drilling on the property.

Mineralization and alteration suggest possible porphyry related mineralization. Assays from a reconnaissance program in 1988 included a high grade sample containing 43% copper, 356 oz silver/ton and 0.21 oz gold/ton.

Reconnaissance sampling in 1994 returned lesser values, consistent with other mineralization sampled in the 1988 program.

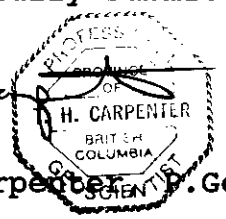
RECOMMENDATIONS

Grid soil sampling and detailed mapping should be carried out over the property and analyzed for gold and multi-element ICP. Detailed mapping should include a study of alteration patterns possibly associated with mineral zoning.

Geophysical surveys, including IP, should be carried out over the property to define mineralized zones.

Diamond drilling should be undertaken if suitable targets are delineated.

Respectfully submitted,



T.H. Carpenter, P.Geo.

Vernon, B.C.
November 10, 1995

REFERENCES

British Columbia Ministry of Energy, Mines and Petroleum Resources Annual Report

1965 - pg. 80
1966 - pg. 103

British Columbia Ministry of Energy, Mines and Petroleum Resources - Geology, Exploration and Mining in British Columbia

1974 - pg. 258

British Columbia Ministry of Energy, Mines and Petroleum Resources - Assessment Reports

#1189, 5094, 17994

Tipper, H.W. and Richards T.A. (1976); Jurassic Stratigraphy and History of North Central British Columbia, Geological Survey of Canada, Bulletin 270

STATEMENT OF COSTS

1.	Professional Services		
	Ed Harrington: Aug 24-27		
	Planning & field work		
	4 days @ $308.00/day	$1232.00	
	T. Carpenter, P.Geo.		
	Report writing		
	2 days @ $380.00/day	760.00	
	W.R. Gilmour, P.Geo.		
	0.25 days @ $400.00/day	100.00	$ 2092.00
2.	Field Personnel		
	Soil Sampling: Aug 24-27		
	R. Anctil		
	3 days @ $240.00/day	720.00	
	M. Beenen		
	3 days @ $190.74/day	572.22	1292.22
3.	Transportation		
	Truck (mob/demob)	228.00	
	Helicopter Aug 24, 26		
	(Northern Mountain Helicopters)	950.00	1178.00
4.	Lodging & Meals		758.97
5.	Geochemical Analyses		
	a) sample preparation		
	rock samples	178.50	
	soil samples	91.20	
	b) analyses		
	99 ICP (27 element) @ 4.50	445.50	
	99 30g gold geochem @ 7.60	752.40	1467.60
6.	Drafting		750.00
7.	Data compilation, secretarial		350.00
8.	Field supplies and equipment rental		465.93
9.	Printing, data processing, telephone, shipping		200.00
		Total	$ 8554.72

STATEMENT OF QUALIFICATIONS

I, THOMAS H. CARPENTER of 3902 14th Street, Vernon, B.C., V1T 3V2, DO HEREBY CERTIFY that:

1. I am a consulting geologist in mineral exploration associated with Discovery Consultants, Vernon, B.C.

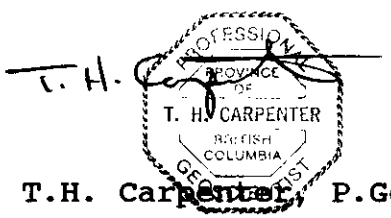
2. I have been practising my profession for 23 years.

3. I am a graduate of the Memorial University of Newfoundland with a Bachelor of Science degree in geology.

4. I am a Professional Geoscientist with the Association of Professional Engineers and Geoscientists of British Columbia.

5. This report is based upon knowledge of the Erin property gained from research and supervision.

6. I hold no interest either directly or indirectly in the Erin property.



T.H. Carpenter, P.Geo.

Vernon, B.C.
November 10, 1995

APPENDIX A

Soil Sampling Survey
Analytical Procedures and Results

ANALYTICAL PROCEDURES

Geochemical Analysis

by Bondar-Clegg :

ELEMENT		LOWER DETECTION LIMIT	EXTRACTION	METHOD
Au	Gold	5 ppb	fire-assay	atomic absorption
Ag	Silver	0.2 ppm	HNO_3-HCl hot extr	ind. coupled plasma
Al*	Aluminum	0.01 %	HNO_3-HCl hot extr	ind. coupled plasma
As	Arsenic	5 ppm	HNO_3-HCl hot extr	ind. coupled plasma
Ba*	Barium	5 ppm	HNO_3-HCl hot extr	ind. coupled plasma
Bi	Bismuth	5 ppm	HNO_3-HCl hot extr	ind. coupled plasma
Ca*	Calcium	0.01 %	HNO_3-HCl hot extr	ind. coupled plasma
Cd	Cadmium	1 ppm	HNO_3-HCl hot extr	ind. coupled plasma
Co*	Cobalt	1 ppm	HNO_3-HCl hot extr	ind. coupled plasma
Cr*	Chromium	1 ppm	HNO_3-HCl hot extr	ind. coupled plasma
Cu	Copper	1 ppm	HNO_3-HCl hot extr	ind. coupled plasma
Fe*	Iron	0.01 %	HNO_3-HCl hot extr	ind. coupled plasma
Ga	Gallium	2 ppm	HNO_3-HCl hot extr	ind. coupled plasma
Hg■	Mercury	10 ppb	HNO_3-HCl leach	cold vapour atomic absorption
K*	Potassium	0.01 %	HNO_3-HCl hot extr	ind. coupled plasma
La*	Lanthanum	1 ppm	HNO_3-HCl hot extr	ind. coupled plasma
Li	Lithium	1 ppm	HNO_3-HCl hot extr	ind. coupled plasma
Mg*	Magnesium	0.01 %	HNO_3-HCl hot extr	ind. coupled plasma
Mn*	Manganese	0.01 %	HNO_3-HCl hot extr	ind. coupled plasma
Mo*	Molybdenum	1 ppm	HNO_3-HCl hot extr	ind. coupled plasma
Na*	Sodium	0.01 %	HNO_3-HCl hot extr	ind. coupled plasma
Nb	Niobium	1 ppm	HNO_3-HCl hot extr	ind. coupled plasma
Ni*	Nickel	1 ppm	HNO_3-HCl hot extr	ind. coupled plasma
Pb	Lead	2 ppm	HNO_3-HCl hot extr	ind. coupled plasma
Sb*	Antimony	5 ppm	HNO_3-HCl hot extr	ind. coupled plasma
Sc	Scandium	5 ppm	HNO_3-HCl hot extr	ind. coupled plasma
Sn*	Tin	20 ppm	HNO_3-HCl hot extr	ind. coupled plasma
Sr*	Strontium	1 ppm	HNO_3-HCl hot extr	ind. coupled plasma
Ta	Tantalum	10 ppm	HNO_3-HCl hot extr	ind. coupled plasma
Te*	Tellurium	10 ppm	HNO_3-HCl hot extr	ind. coupled plasma
Ti	Titanium	0.01 %	HNO_3-HCl hot extr	ind. coupled plasma
V*	Vanadium	1 ppm	HNO_3-HCl hot extr	ind. coupled plasma
W*	Tungsten	20 ppm	HNO_3-HCl hot extr	ind. coupled plasma
Y	Yttrium	1 ppm	HNO_3-HCl hot extr	ind. coupled plasma
Zn	Zinc	1 ppm	HNO_3-HCl hot extr	ind. coupled plasma
Zr	Zirconium	1 ppm	HNO_3-HCl hot extr	ind. coupled plasma

- Please note: certain mineral forms of those elements above marked with an asterisk will not be soluble in the HNO_3/HCl extraction. The ICP data will be low biased.

- Please note: Hg will only be analysed upon request.

Date of Report: 94.10.11 Project 621 Erin

Soil Sampling Results
1994

Reference: v94-01077.0

Sample ID	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Cd ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Ni ppm	Co ppm	Cr ppm	Fe %	Mn ppm
ES 0 5+00E	<5	<0.2	44	12	130	<1.0	<1	<5	<5	<5	27	11	78	3.11	1143
ES 0 4+50E	<5	<0.2	56	7	93	<1.0	<1	<5	<5	<5	50	20	133	3.33	1154
ES 0 4+00E	<5	<0.2	130	8	92	<1.0	<1	<5	<5	<5	34	25	105	3.67	2058
ES 0 3+00E	<5	<0.2	175	7	84	<1.0	<1	59	<5	<5	29	21	98	3.42	4521
ES 0 2+50E	<5	<0.2	112	9	109	<1.0	<1	129	<5	<5	28	20	99	3.16	6204
ES 0 2+00E	<5	<0.2	57	7	71	<1.0	<1	10	<5	<5	27	17	87	2.94	1585
ES 0 1+50E	8	<0.2	78	7	67	<1.0	<1	24	<5	<5	25	19	89	3.03	2412
ES 0 1+00E	<5	<0.2	94	8	81	<1.0	<1	90	<5	<5	27	22	101	3.42	5933
ES 0 0+50E	<5	<0.2	77	8	72	<1.0	<1	21	<5	<5	25	20	91	3.13	3141
ES 0 0+00	<5	<0.2	179	7	83	<1.0	<1	296	<5	<5	31	25	124	3.28	3008
ES 0 0+50W	<5	<0.2	95	6	67	<1.0	<1	46	<5	<5	25	17	141	2.30	1469
ES 0 1+00W	<5	<0.2	50	6	75	<1.0	<1	10	<5	<5	25	19	88	2.86	1465
ES 0 2+00W	<5	<0.2	98	6	65	<1.0	<1	24	<5	<5	21	15	81	2.64	1585
ES 0 2+50W	<5	<0.2	73	9	91	<1.0	<1	6	<5	<5	25	19	103	3.26	1488
ES 0 3+00W	6	<0.2	109	10	125	<1.0	<1	121	<5	<5	26	21	146	3.63	3371
ES 0 4+00W	<5	<0.2	106	8	104	<1.0	<1	349	<5	<5	23	16	149	2.99	1597
ES 0 4+50W	<5	<0.2	440	8	83	<1.0	<1	64	<5	<5	30	17	112	2.83	1332
ES 0 5+00W	<5	<0.2	86	9	80	<1.0	<1	51	<5	<5	23	18	83	3.21	2043
ES 1 5+00E	n/s	n/s	n/s	n/s	n/s	n/s	n/s	n/s	n/s	n/s	n/s	n/s	n/s	n/s	n/s
ES 1 4+50E	<5	<0.2	68	12	131	<1.0	<1	23	<5	<5	24	18	85	3.29	2214
ES 1 4+00E	<5	<0.2	61	13	116	<1.0	<1	73	<5	<5	21	17	88	3.79	2834
ES 1 3+50E	6	<0.2	56	14	136	<1.0	<1	94	<5	<5	22	11	77	3.30	843
ES 1 3+00E	6	<0.2	105	63	154	<1.0	<1	109	<5	<5	24	12	92	3.63	908
ES 1 2+50E	<5	<0.2	142	25	210	<1.0	<1	113	<5	<5	27	13	95	3.72	1286
ES 1 2+00E	<5	<0.2	130	14	154	<1.0	<1	232	<5	<5	31	19	119	3.60	5915
ES 1 1+50E	7	<0.2	124	13	110	<1.0	<1	275	<5	<5	32	23	96	3.49	12037
ES 1 1+00E	<5	<0.2	112	9	87	<1.0	<1	170	<5	<5	27	19	92	3.10	11938
ES 1 0+50E	<5	<0.2	150	10	87	<1.0	<1	376	<5	<5	28	20	99	3.25	8659
ES 1 0+00	<5	<0.2	26	9	90	<1.0	<1	28	<5	<5	25	13	88	2.86	1490
ES 1 0+50W	<5	<0.2	53	10	108	<1.0	<1	83	<5	<5	31	17	102	3.34	1811
ES 1 1+00W	10	<0.2	62	9	95	<1.0	<1	39	<5	<5	32	19	106	3.47	2206
ES 1 1+50W	<5	<0.2	116	9	95	<1.0	<1	131	<5	<5	31	21	101	3.72	5734
ES 1 2+00W	<5	<0.2	48	10	78	<1.0	<1	74	<5	<5	28	16	108	3.49	2039
ES 1 2+50W	<5	<0.2	82	8	78	<1.0	<1	77	<5	<5	32	19	112	3.48	4646
ES 1 3+00W	<5	<0.2	75	9	78	<1.0	<1	171	<5	<5	26	18	108	3.30	9141
ES 1 3+50W	<5	<0.2	69	7	76	<1.0	<1	156	<5	<5	22	16	103	3.10	5108
ES 1 4+00W	<5	<0.2	183	8	84	<1.0	<1	360	<5	<5	30	24	104	3.69	7312
ES 1 4+50W	<5	<0.2	113	9	86	<1.0	<1	691	<5	<5	27	22	176	3.57	6462
ES 1 5+00W	<5	<0.2	54	6	77	<1.0	<1	409	<5	<5	23	16	107	2.64	4100
ES 2 5+00E	14	<0.2	58	11	167	<1.0	<1	<5	<5	<5	19	11	66	3.49	922

n/s = no sample

Project 621

Soil Sampling Results (part 2)

Sample ID	Ba ppm	V ppm	Sr ppm	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %
ES 0 5+00E	99	61	13	6	4	<10	<20	<20	2.74	1.12	0.19	0.01	0.06
ES 0 4+50E	110	102	32	5	2	<10	27	<20	3.29	2.40	0.61	0.01	0.03
ES 0 4+00E	294	131	55	7	4	<10	<20	<20	3.63	2.61	0.88	0.01	0.04
ES 0 3+00E	204	126	53	9	6	<10	28	<20	3.53	2.28	1.05	0.01	0.05
ES 0 2+50E	185	114	24	7	5	<10	<20	<20	3.28	1.89	0.86	0.01	0.04
ES 0 2+00E	126	99	37	5	3	<10	<20	<20	2.92	1.95	0.73	0.01	0.02
ES 0 1+50E	109	108	23	4	3	<10	<20	<20	2.96	2.05	0.79	0.01	0.03
ES 0 1+00E	213	120	24	5	3	<10	24	<20	3.25	2.14	0.75	0.01	0.05
ES 0 0+50E	117	111	18	4	2	<10	21	<20	3.07	2.11	0.67	0.01	0.03
ES 0 0+00	112	122	33	7	3	<10	24	<20	2.92	2.64	1.09	0.01	0.03
ES 0 0+50W	99	90	19	8	3	<10	<20	<20	2.36	1.99	1.43	0.01	0.03
ES 0 1+00W	139	100	18	3	1	<10	<20	<20	2.48	2.05	0.64	0.01	0.02
ES 0 2+00W	131	90	14	6	2	<10	<20	<20	3.14	1.61	0.57	0.01	0.03
ES 0 2+50W	91	115	26	4	2	<10	<20	<20	3.00	2.00	0.78	<0.01	0.05
ES 0 3+00W	261	157	37	11	4	<10	<20	<20	2.93	2.15	1.10	0.01	0.05
ES 0 4+00W	203	112	31	10	5	<10	<20	<20	2.92	1.79	0.95	0.01	0.05
ES 0 4+50W	104	107	30	10	4	<10	<20	<20	2.91	2.32	1.10	0.02	0.04
ES 0 5+00W	327	105	37	6	2	<10	<20	<20	3.19	1.79	0.76	0.01	0.03
ES 1 5+00E	n/s	n/s	n/s	n/s	n/s	n/s	n/s	n/s	n/s	n/s	n/s	n/s	n/s
ES 1 4+50E	355	123	11	14	5	<10	<20	<20	2.54	1.93	0.93	0.01	0.06
ES 1 4+00E	406	109	11	9	4	<10	<20	<20	3.06	1.66	0.64	0.01	0.06
ES 1 3+50E	152	89	10	11	5	<10	<20	<20	2.65	1.48	0.36	0.02	0.06
ES 1 3+00E	328	106	12	14	6	<10	<20	<20	2.65	1.62	0.47	0.02	0.05
ES 1 2+50E	356	149	12	9	4	<10	<20	<20	2.81	1.77	0.61	0.02	0.07
ES 1 2+00E	641	124	22	11	4	<10	<20	<20	2.98	2.10	0.86	0.02	0.07
ES 1 1+50E	1671	130	36	12	3	<10	<20	<20	2.98	1.97	0.95	0.01	0.05
ES 1 1+00E	1998	131	27	7	2	<10	<20	<20	2.75	1.76	0.96	0.01	0.03
ES 1 0+50E	>2000	121	33	9	3	<10	<20	<20	2.96	1.82	0.90	0.02	0.05
ES 1 0+00	100	84	20	4	2	<10	<20	<20	2.98	1.50	0.45	0.01	0.04
ES 1 0+50W	157	110	29	5	3	<10	<20	<20	2.73	1.98	0.70	0.01	0.05
ES 1 1+00W	111	117	27	5	2	<10	<20	<20	2.97	2.20	0.71	0.01	0.04
ES 1 1+50W	312	131	34	7	4	<10	22	<20	3.25	2.12	1.05	0.01	0.05
ES 1 2+00W	106	112	23	7	4	<10	20	<20	2.85	1.66	0.74	0.01	0.06
ES 1 2+50W	251	122	24	6	3	<10	<20	<20	3.28	1.95	0.82	0.01	0.04
ES 1 3+00W	1515	130	29	4	2	<10	<20	<20	3.30	1.78	0.78	0.01	0.06
ES 1 3+50W	628	115	22	6	3	<10	<20	<20	3.21	1.62	0.82	0.01	0.06
ES 1 4+00W	653	139	47	9	3	<10	41	<20	3.47	2.30	1.35	0.01	0.07
ES 1 4+50W	460	132	51	9	4	<10	<20	<20	3.20	2.07	1.56	0.01	0.07
ES 1 5+00W	234	86	26	4	2	<10	<20	<20	2.74	1.58	0.88	0.01	0.04
ES 2 5+00E	196	77	13	6	3	<10	<20	<20	3.11	1.28	0.31	0.01	0.05

n/s = no sample

Date of Report: 94.10.11 Project 621 Erin

Soil Sampling Results
1994

Reference: v94-01077.0

Sample ID	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Cd ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Ni ppm	Co ppm	Cr ppm	Fe %	Mn ppm
ES 2 4+50E	39	<0.2	44	10	220	<1.0	<1	<5	<5	<5	14	8	64	3.72	931
ES 2 4+00E	80	<0.2	43	9	122	<1.0	<1	11	<5	<5	19	13	66	3.07	1621
ES 2 3+50E	16	<0.2	70	13	201	<1.0	<1	11	<5	<5	20	11	111	3.91	1461
ES 2 3+00E	26	<0.2	48	13	242	<1.0	<1	<5	<5	<5	18	9	67	3.78	970
ES 2 2+50E	26	<0.2	90	14	267	<1.0	<1	25	<5	<5	30	12	92	3.78	1193
ES 2 2+00E	12	<0.2	41	10	233	<1.0	<1	19	<5	<5	16	8	69	3.43	895
ES 2 1+50E	52	<0.2	48	14	308	<1.0	<1	110	<5	<5	19	11	75	4.05	1215
ES 2 1+00E	23	<0.2	43	12	237	<1.0	<1	325	<5	<5	17	10	74	3.73	1153
ES 2 0+50E	18	<0.2	47	13	213	<1.0	<1	<5	<5	<5	16	9	65	3.77	1134
ES 2 0+00	16	<0.2	74	13	192	<1.0	<1	214	<5	<5	21	11	84	3.88	1159
ES 2 0+50W	17	<0.2	104	11	178	<1.0	<1	101	<5	<5	14	8	66	2.65	1069
ES 2 1+00W	10	<0.2	47	8	167	<1.0	<1	81	<5	<5	9	6	60	2.42	789
ES 2 1+50W	15	<0.2	99	11	182	<1.0	<1	87	<5	<5	15	9	57	2.76	2076
ES 2 2+00W	19	<0.2	50	10	162	<1.0	<1	<5	<5	<5	9	6	42	2.55	958
ES 2 2+50W	6	<0.2	32	8	147	<1.0	<1	12	<5	<5	11	7	44	2.48	949
ES 2 3+00W	6	<0.2	14	9	135	<1.0	<1	<5	<5	<5	7	6	35	2.38	1450
ES 2 3+50W	<5	<0.2	37	9	157	<1.0	<1	<5	<5	<5	15	8	62	2.58	1373
ES 2 4+00W	13	<0.2	39	11	153	<1.0	<1	<5	<5	<5	13	10	65	2.42	1380
Statistics:															
n =	57														
Min :	<5	<0.2	14	6	65	<1.0	<1	<5	<5	<5	7	6	35	2.30	789
Max :	80	<0.2	440	63	308	<1.0	<1	691	<5	<5	50	25	176	4.05	12037
25% ile :	<5	<0.2	48	8	83	<1.0	<1	10	<5	<5	19	11	69	2.86	1154
50% ile :	<5	<0.2	73	9	109	<1.0	<1	64	<5	<5	25	16	92	3.30	1585
75% ile :	12	<0.2	106	12	162	<1.0	<1	129	<5	<5	28	19	105	3.63	3371
95% ile :	26	<0.2	175	14	237	<1.0	<1	360	<5	<5	32	23	141	3.79	8659
Duplicates:															
ES-0 4+00E	<5	<0.2	125	9	90	<1.0	<1	9	<5	<5	33	24	102	3.66	2034
ES-1 3+00E		<0.2	124	66	168	<1.0	<1	132	<5	<5	26	13	101	3.94	999
ES-1 1+00W	<5														
ES-2 2+50E		<0.2	100	15	288	<1.0	<1	25	<5	<5	26	12	96	3.65	1286
ES-2 2+00W	16														

n/s = no sample

Project 621

Soil Sampling Results (part 2)

Sample ID	Ba ppm	V ppm	Sr ppm	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %
ES 2 4+50E	156	70	8	8	4	<10	<20	<20	2.98	1.08	0.26	0.02	0.08
ES 2 4+00E	175	87	28	5	3	<10	<20	<20	2.56	1.14	0.56	0.01	0.04
ES 2 3+50E	288	136	17	14	7	<10	<20	<20	3.03	1.39	0.80	0.02	0.10
ES 2 3+00E	285	80	14	12	6	<10	<20	<20	2.69	1.26	0.56	0.02	0.10
ES 2 2+50E	464	93	15	13	6	<10	21	<20	3.30	1.67	0.69	0.03	0.14
ES 2 2+00E	174	71	11	7	4	<10	<20	<20	3.39	1.11	0.16	0.01	0.08
ES 2 1+50E	276	83	19	8	4	<10	21	<20	3.28	1.44	0.59	0.02	0.12
ES 2 1+00E	316	78	19	9	5	<10	<20	<20	2.83	1.19	0.67	0.02	0.11
ES 2 0+50E	267	76	15	9	5	<10	<20	<20	3.29	1.16	0.27	0.02	0.11
ES 2 0+00	296	85	14	13	6	<10	23	<20	3.37	1.35	0.29	0.03	0.12
ES 2 0+50W	373	78	24	13	8	<10	27	<20	2.93	0.95	0.38	0.03	0.13
ES 2 1+00W	311	68	22	17	10	<10	21	<20	3.16	0.74	0.19	0.02	0.08
ES 2 1+50W	617	81	17	15	7	<10	29	<20	3.09	1.02	0.43	0.03	0.15
ES 2 2+00W	509	65	17	15	9	<10	23	<20	2.93	0.78	0.26	0.02	0.09
ES 2 2+50W	292	63	24	8	5	<10	<20	<20	2.58	0.79	0.23	0.02	0.08
ES 2 3+00W	188	71	15	6	3	<10	<20	<20	2.79	0.70	0.11	0.02	0.05
ES 2 3+50W	239	83	23	9	4	<10	29	<20	2.97	1.06	0.37	0.01	0.06
ES 2 4+00W	220	85	26	6	<1	<10	<20	<20	3.26	1.21	0.37	0.02	0.08
Statistics:													
n =	57												
Min :	91	61	8	3	<1	<10	<20	<20	2.36	0.70	0.11	<0.01	0.02
Max :	>2000	157	55	17	10	<10	41	<20	3.63	2.64	1.56	0.03	0.15
25% ile :	139	83	15	6	3	<10	<20	<20	2.81	1.21	0.38	0.01	0.04
50% ile :	251	106	23	8	4	<10	<20	<20	2.98	1.76	0.70	0.01	0.05
75% ile :	355	122	29	10	5	<10	21	<20	3.25	2.05	0.88	0.02	0.08
95% ile :	1515	136	47	14	7	<10	28	<20	3.39	2.32	1.10	0.03	0.12
Duplicates:													
ES-0 4+00E	287	128	54	7	4	<10	24	<20	3.57	2.51	0.87	0.01	0.04
ES-1 3+00E	384	119	14	16	7	<10	22	<20	3.06	1.74	0.50	0.02	0.07
ES-1 1+00W													
ES-2 2+50E	466	91	11	10	6	<10	21	<20	3.35	1.48	0.77	0.03	0.15
ES-2 2+00W													

n/s = no sample

APPENDIX B

Rock Sample Descriptions

Erin Property

August 24, 1994

ER-94-001	Fine to medium grained. Andesite tuff. Maroon with irregular quartz carbonate veins and patches. 2-3% diopside. Quartz carbonate 2-3 cm wide. No visible mineralization.
ER-94-002	Maroon andesite tuff. Minor epidote. Minor quartz carbonate irregular (Possible old sample site). 1m loose material.
ER-94-003	Maroon andesite tuff. Vuggy quartz fragments. 1-10cm. Well hornfelsed. Minor epidote. 1 m loose material.
ER-94-004	1.5 m. Maroon-green andesite tuff with quartz-carbonate blebs. Minor epidote.
ER-94-005	1.5 m. Maroon andesite tuff. Quartz-carbonate blebs. Minor epidote.
ER-94-006	1.5 m. Maroon andesite tuff. Quartz-carbonate blebs. Minor epidote.
ER-94-007	1m. DE 398 (22 Sept 87). Light grey bioclastic Lst. Some silicification. Pyrite 1-2% on fracture. Trace malachite. Rusty weathering.
ER-94-008	1m. As above. 020°/60°W
ER-94-009	Float. Bioclastic? - calcareous boulders cemented with fine grained red hematized rock.
ER-94-010	1m. Strongly hematized bioclastic with calcite stringers and fractures. Minor malachite on fractures (DE 399 R-87).
ER-94-011	Float in trench. Andesite? Fine grained. Strongly hematized. Poss. rhodochrosite.
ER-94-012	0.5 m Quartz stringers @ 102°. Vertical dip with malachite 1-3% in hematized andesite.
ER-94-013	0.5 m Quartz carbonate vein/stringer to 5cm. ~10m long. Andesite. Hematized. Vuggy. Vein. Local malachite.
ER-94-014	Chip. Sample of vein material <u>only</u>. As above.

ER-94-015	Grab. 2-3 cm quartz vein with minor carbonate. Chalcopyrite ~1%, tetrahedrite?, malachite 5%.
ER-94-016	0.5m. Quartz carbonate vein <10cm. Malachite 2-3%. Wall rocks. Andesite? with calcite blebs. Fine to medium grained (amygdaloidal basalt?)
ER-94-017	2m. Grab across small trench. Calcite and malachite in andesite.
ER-94-018	1m. Carbonate vein with trace malachite. Some brecciation.
ER-94-019 ER-94-020 ER-94-021	Light grey to green limy tuff. Fine to medium grained malachite stain with trace silvery specks (hematite?). Locally mod. hematized.
ER-94-022	1m. Amygdaloidal basalt. Quartz carbonate in amygdules. Strongly hematized. Minor rhodochrosite.
ER-94-023	Representative sample from trench. Strongly hematized. Trace rhodochrosite. Minor epidote. Quartz carbonate in amygdules. Basalt?
ER-94-024	1m. Strongly, hematized. Calcareous tuff (?). Trace malachite.
ER-94-025	Grab. Maroon medium grained andesite. Quartz crystals <1mm. Disseminated pyrite <1% locally. Vuggy.
ER-94-026	0.5m. Fracture @ 345°/80° E dip. Minor malachite. Mottled and green andesite.
ER-94-027	Grab from maroon trench. Strong hematization. Malachite, massive chalcopyrite. Euhedral white quartz - aragonite? Lst.
ER-94-028	1m. Strongly hematized lst.
ER-94-029	Grab from trench. Limy andesite moderately to well hematized. Vuggy quartz veining with trace malachite.
ER-94-030	1m. Quartz carbonate vein ~ 0.3m thick in fine grained andesite (Tuff?). Minor malachite. Strike 274°. Dip vertical. Same site as DHR 89-52/53.
ER-94-031	Chip. 0.5m. Similar to above but with irregular quartz and apple green alteration (epidote?).

ER-94-032	1m chip. Buff rhyolite. 080°/vertical dip. Banded, sugary texture.
ER-94-033	Grab. Quartz in trench. Quartz carbonate fragments with epidote.
ER-94-034	1 m from blast pit, quartz blebs and irregular stringers in andesite.
ER-94-035	1 m from blast pit. Quartz carbonate as irregular blebs. Trace pyrite. Minor rhodochrosite.
ER-94-036	Grab. Quartz float in trench. Vuggy with euhedral, hematite-stained quartz crystals. Epidote.
ER-94-037	Grab. Quartz/carbonate float from trench. Minor epidote.
ER-94-038	1 m chip. Quartz/carbonate/epidote vein 0.7 m wide. Euhedral quartz and epidote. 002/70° E dip.
ER-94-039	Chip along. Strike of vein. Quartz carbonate vein <3 cm. Laminated epidote and chlorite.
ER-94-040	1 m. Pink aplite dyke. 330°/vert. dip.
ER-94-041	1 m. Quartz carbonate vein with epidote/330° vert. dip. ~0.7 m wide. Possibly same vein as ER-94-038.
ER-94-045	1 m wide. Similar to ER-94-046.
ER-94-046	2 m wide. Host rocks - dark grey andesite. Porphyritic (1-3 mm). Aphanitic matrix with small quartz lenses in part. Epidote alteration and calcite abundant with minor malachite.
ER-94-047	Andesite - dark grey, aphanitic matrix with porphyritix texture. Altered to epidote. Abundant coarse crystalline calcite. Silicified hematite to bright red jasper. Minor quartz veinlets, trace malachite.

APPENDIX C

Rock Sampling
Analytical Procedures and Results

ANALYTICAL PROCEDURES

Geochemical Analysis

by Bondar-Clegg :

ELEMENT		LOWER DETECTION LIMIT	EXTRACTION	METHOD
Au	Gold	5 ppb	fire-assay	atomic absorption
Ag	Silver	0.2 ppm	HNO_3-HCl hot extr	ind. coupled plasma
Al*	Aluminum	0.01 %	HNO_3-HCl hot extr	ind. coupled plasma
As	Arsenic	5 ppm	HNO_3-HCl hot extr	ind. coupled plasma
Ba*	Barium	5 ppm	HNO_3-HCl hot extr	ind. coupled plasma
Bi	Bismuth	5 ppm	HNO_3-HCl hot extr	ind. coupled plasma
Ca*	Calcium	0.01 %	HNO_3-HCl hot extr	ind. coupled plasma
Cd	Cadmium	1 ppm	HNO_3-HCl hot extr	ind. coupled plasma
Co*	Cobalt	1 ppm	HNO_3-HCl hot extr	ind. coupled plasma
Cr*	Chromium	1 ppm	HNO_3-HCl hot extr	ind. coupled plasma
Cu	Copper	1 ppm	HNO_3-HCl hot extr	ind. coupled plasma
Fe*	Iron	0.01 %	HNO_3-HCl hot extr	ind. coupled plasma
Ga	Gallium	2 ppm	HNO_3-HCl hot extr	ind. coupled plasma
Hg■	Mercury	10 ppb	HNO_3-HCl leach	cold vapour atomic absorption
K*	Potassium	0.01 %	HNO_3-HCl hot extr	ind. coupled plasma
La*	Lanthanum	1 ppm	HNO_3-HCl hot extr	ind. coupled plasma
Li	Lithium	1 ppm	HNO_3-HCl hot extr	ind. coupled plasma
Mg*	Magnesium	0.01 %	HNO_3-HCl hot extr	ind. coupled plasma
Mn*	Manganese	0.01 %	HNO_3-HCl hot extr	ind. coupled plasma
Mo*	Molybdenum	1 ppm	HNO_3-HCl hot extr	ind. coupled plasma
Na*	Sodium	0.01 %	HNO_3-HCl hot extr	ind. coupled plasma
Nb	Niobium	1 ppm	HNO_3-HCl hot extr	ind. coupled plasma
Ni*	Nickel	1 ppm	HNO_3-HCl hot extr	ind. coupled plasma
Pb	Lead	2 ppm	HNO_3-HCl hot extr	ind. coupled plasma
Sb*	Antimony	5 ppm	HNO_3-HCl hot extr	ind. coupled plasma
Sc	Scandium	5 ppm	HNO_3-HCl hot extr	ind. coupled plasma
Sn*	Tin	20 ppm	HNO_3-HCl hot extr	ind. coupled plasma
Sr*	Strontium	1 ppm	HNO_3-HCl hot extr	ind. coupled plasma
Ta	Tantalum	10 ppm	HNO_3-HCl hot extr	ind. coupled plasma
Te*	Tellurium	10 ppm	HNO_3-HCl hot extr	ind. coupled plasma
Ti	Titanium	0.01 %	HNO_3-HCl hot extr	ind. coupled plasma
V*	Vanadium	1 ppm	HNO_3-HCl hot extr	ind. coupled plasma
W*	Tungsten	20 ppm	HNO_3-HCl hot extr	ind. coupled plasma
Y	Yttrium	1 ppm	HNO_3-HCl hot extr	ind. coupled plasma
Zn	Zinc	1 ppm	HNO_3-HCl hot extr	ind. coupled plasma
Zr	Zirconium	1 ppm	HNO_3-HCl hot extr	ind. coupled plasma

- Please note: certain mineral forms of those elements above marked with an asterisk will not be soluble in the HNO_3/HCl extraction. The ICP data will be low biased.

- Please note: Hg will only be analysed upon request.

Date of Report: 94.10.11 Project 621 Erin

Rock Sampling Results
1994

Reference: v94-01077.0

Sample ID	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Cd ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Ni ppm	Co ppm	Cr ppm	Fe %	Mn ppm
ER-94 001	<5	<0.2	26	9	252	<1.0	<1	<5	<5	<5	20	17	119	2.45	1470
ER-94 002	<5	<0.2	53	11	101	<1.0	<1	<5	<5	<5	33	17	113	2.69	1566
ER-94 003	<5	<0.2	57	14	65	<1.0	<1	<5	<5	<5	12	13	204	3.18	1474
ER-94 004	<5	<0.2	10	7	93	<1.0	<1	<5	<5	<5	26	23	169	2.82	3559
ER-94 005	<5	<0.2	23	8	66	<1.0	<1	<5	<5	<5	22	21	165	2.67	2922
ER-94 006	<5	<0.2	36	10	121	<1.0	<1	<5	<5	<5	28	26	165	2.92	3090
ER-94 007	7	10.8	1947	14	96	<1.0	<1	53	<5	<5	3	10	64	2.55	4286
ER-94 008	<5	15.9	1940	14	103	<1.0	<1	23	<5	<5	2	12	69	2.49	4141
ER-94 009	6	<0.2	93	4	28	<1.0	<1	122	<5	<5	6	4	117	1.65	3765
ER-94 010	21	1.0	2008	<2	<1	<1.0	<1	41	<5	<5	3	3	49	1.04	5127
ER-94 011	<5	6.3	471	21	68	<1.0	<1	329	<5	35	8	21	75	1.95	>20000
ER-94 012	12	26.4	<1	6	138	<1.0	<1	<5	<5	<5	20	23	180	2.59	8008
ER-94 013	7	<0.2	1189	4	40	<1.0	<1	13	<5	<5	12	14	55	1.11	5708
ER-94 014	27	1.7	3468	<2	27	<1.0	<1	6	<5	<5	3	8	106	1.12	4862
ER-94 015	41	>50.0	9804	<2	334	<1.0	<1	593	<5	<5	<1	6	114	1.67	2441
ER-94 016	12	5.0	<1	<2	115	<1.0	<1	125	<5	<5	10	11	204	1.82	4356
ER-94 017	54	28.0	8449	11	56	<1.0	9	124	<5	<5	9	7	85	1.31	5924
ER-94 018	<5	<0.2	816	9	5	<1.0	<1	<5	<5	<5	3	2	56	1.50	2723
ER-94 019	15	25.2	10000	<2	128	<1.0	3	3236	61	<5	4	11	103	1.74	3210
ER-94 020	<5	6.2	15165	5	71	<1.0	<1	1718	14	<5	7	10	65	1.44	3751
ER-94 021	16	7.1	16369	7	100	<1.0	<1	1459	33	<5	6	10	46	2.02	4796
ER-94 022	<5	<0.2	39	13	97	<1.0	1	671	9	<5	23	21	144	2.12	14114
ER-94 023	<5	<0.2	9	33	170	<1.0	4	2712	6	<5	15	17	68	1.93	>20000
ER-94 024	<5	<0.2	459	8	59	<1.0	5	237	<5	<5	34	6	91	2.18	9186
ER-94 025	<5	<0.2	16	<2	400	<1.0	2	328	<5	<5	19	17	130	4.18	10582
ER-94 026	<5	<0.2	2470	22	100	<1.0	1	9	<5	<5	5	8	82	2.97	1793
ER-94 027	137	>50.0	9804	11	288	<1.0	45	148	15	<5	11	30	77	6.30	9947
ER-94 028	<5	9.3	651	7	120	<1.0	7	1305	75	24	8	7	35	1.26	>20000
ER-94 029	7	3.6	1055	<2	66	14.7	6	75	<5	<5	30	7	153	1.95	5602
ER-94 030	<5	1.5	2180	<2	233	<1.0	<1	<5	<5	<5	18	20	120	2.45	7876
ER-94 031	<5	<0.2	191	<2	63	<1.0	2	<5	<5	<5	20	17	170	3.71	3904
ER-94 032	<5	<0.2	68	<2	9	<1.0	<1	20	<5	<5	1	<1	61	0.48	948
ER-94 033	<5	<0.2	46	<2	65	<1.0	<1	332	<5	<5	8	9	78	1.55	8229
ER-94 034	<5	<0.2	31	<2	65	<1.0	<1	185	7	<5	13	15	122	3.32	7555
ER-94 035	<5	<0.2	56	<2	105	<1.0	<1	1487	7	<5	23	20	139	3.68	14628
ER-94 036	<5	<0.2	73	<2	44	<1.0	<1	<5	<5	<5	15	10	277	3.32	1530
ER-94 037	<5	<0.2	32	<2	56	<1.0	3	<5	<5	<5	18	14	169	2.60	2371
ER-94 038	<5	<0.2	148	<2	34	<1.0	<1	<5	<5	<5	10	8	104	1.67	819
ER-94 039	28	<0.2	287	<2	25	<1.0	<1	<5	<5	<5	12	10	81	2.25	711
ER-94 040	<5	<0.2	205	<2	57	<1.0	<1	<5	<5	<5	35	19	197	3.31	1326
ER-94 041	<5	<0.2	181	<2	42	<1.0	6	<5	<5	<5	13	13	159	1.45	1024
ER-94 047	<5	<0.2	311	<2	74	<1.0	<1	<5	<5	<5	24	19	154	3.31	1687

Project 621

Rock Sampling Results (part 2)

Sample ID	Ba ppm	V ppm	Sr ppm	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %
ER-94 001	6	154	24	2	<1	<10	31	<20	3.34	1.86	>10.00	0.02	0.02
ER-94 002	477	140	195	10	8	<10	<20	<20	3.30	2.02	1.56	0.18	0.18
ER-94 003	50	113	75	3	<1	<10	42	<20	1.94	0.73	2.18	<0.01	0.11
ER-94 004	53	199	16	7	<1	<10	22	<20	4.54	2.44	3.91	0.03	0.05
ER-94 005	145	128	41	7	<1	<10	22	<20	2.82	2.23	1.43	0.04	0.17
ER-94 006	84	161	15	7	<1	<10	33	<20	3.83	2.57	3.04	0.04	0.17
ER-94 007	694	34	5	13	<1	<10	<20	<20	1.05	0.32	2.60	0.02	0.25
ER-94 008	935	40	13	12	<1	<10	<20	<20	1.23	0.50	4.24	0.02	0.25
ER-94 009	1171	124	107	7	<1	<10	29	<20	1.40	0.48	7.54	0.02	0.12
ER-94 010	1024	84	62	<1	<1	<10	<20	<20	0.64	0.10	>10.00	<0.01	0.05
ER-94 011	>2000	158	45	4	<1	<10	46	<20	2.03	0.34	1.14	0.02	<0.01
ER-94 012	182	139	2	6	<1	<10	<20	<20	1.49	0.90	1.79	0.03	0.15
ER-94 013	138	101	42	4	<1	<10	30	<20	1.61	0.78	>10.00	0.02	0.03
ER-94 014	1658	146	45	3	<1	<10	25	<20	1.07	0.59	7.90	0.02	0.05
ER-94 015	3	82	<1	3	<1	30	<20	<20	0.81	0.46	0.26	0.01	0.10
ER-94 016	184	153	45	4	<1	<10	30	<20	1.59	0.86	1.00	0.02	0.10
ER-94 017	255	46	46	8	6	<10	<20	<20	1.05	0.43	>10.00	<0.01	0.16
ER-94 018	53	81	30	<1	4	<10	<20	<20	0.40	0.10	>10.00	<0.01	0.10
ER-94 019	69	137	11	6	4	<10	<20	<20	1.22	0.72	4.76	0.02	0.12
ER-94 020	426	191	20	6	4	<10	<20	<20	1.48	0.97	7.64	0.01	0.14
ER-94 021	452	298	37	10	5	<10	22	<20	2.12	1.23	9.28	0.02	0.11
ER-94 022	29	133	43	4	<1	<10	<20	<20	3.85	1.31	4.61	0.02	0.04
ER-94 023	103	213	75	4	1	<10	20	<20	3.44	1.10	8.99	0.02	0.16
ER-94 024	1379	240	48	11	6	<10	<20	<20	0.95	0.22	7.21	0.02	0.14
ER-94 025	1894	117	19	9	3	<10	<20	<20	0.64	0.68	1.15	0.07	0.03
ER-94 026	1159	55	270	13	3	<10	35	<20	2.15	0.75	1.81	0.03	0.06
ER-94 027	18	150	59	2	2	13	23	<20	0.77	0.26	7.22	<0.01	0.06
ER-94 028	>2000	198	141	1	1	12	45	<20	1.62	0.36	8.02	0.02	0.09
ER-94 029	280	155	11	8	3	<10	<20	<20	1.38	0.72	0.35	0.05	0.08
ER-94 030	191	117	40	3	2	<10	<20	<20	2.20	1.65	7.21	0.02	0.08
ER-94 031	106	144	19	3	1	<10	25	<20	2.13	1.40	2.13	0.05	0.03
ER-94 032	389	7	6	2	9	<10	<20	<20	0.70	0.10	0.27	0.04	0.33
ER-94 033	49	100	44	<1	2	<10	24	<20	1.80	0.87	9.33	0.01	0.02
ER-94 034	89	134	32	4	2	<10	<20	<20	1.12	0.93	4.91	0.03	0.06
ER-94 035	123	105	89	5	2	<10	22	<20	2.88	1.59	4.90	0.06	0.09
ER-94 036	40	71	50	2	1	<10	<20	<20	1.38	0.72	2.49	0.02	0.06
ER-94 037	70	74	38	3	1	<10	<20	<20	1.80	1.04	2.86	0.01	0.12
ER-94 038	15	69	39	<1	2	<10	<20	<20	1.54	0.89	>10.00	0.01	<0.01
ER-94 039	14	196	19	2	<1	<10	<20	<20	6.20	0.61	>10.00	0.01	<0.01
ER-94 040	30	110	75	8	3	<10	34	<20	2.70	1.92	1.78	0.02	0.04
ER-94 041	62	70	77	<1	<1	<10	<20	<20	2.29	0.83	3.28	<0.01	0.04
ER-94 047	55	117	89	6	1	<10	<20	<20	2.53	1.70	2.00	0.02	0.04

Date of Report: 94.10.11 Project 621 Erin

Rock Sampling Results
1994

Reference: v94-01077.0

Sample ID	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Cd ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Ni ppm	Co ppm	Cr ppm	Fe %	Mn ppm
Duplicates:															
ER-94 004		<0.2	11	9	93	<1.0	<1	<5	<5	<5	26	22	171	2.88	3616
ER-94 019	16														
ER-94 024		<0.2	462	11	55	<1.0	5	233	<5	<5	31	6	79	2.37	7704
ER-94 041		<0.2	167	6	39	<1.0	4	<5	<5	<5	12	12	143	1.30	945
ER-94 047	<5														

Project 621

Rock Sampling Results (part 2)

Sample ID	Ba ppm	V ppm	Sr ppm	Y ppm	La ppm	Te ppm	Sn ppm	W ppm	Al %	Mg %	Ca %	Na %	K %
Duplicates:													
ER-94 004	52	200	15	7	<1	<10	21	<20	4.51	2.46	3.97	0.03	0.04
ER-94 019													
ER-94 024	1356	217	49	11	8	<10	22	<20	0.89	0.20	7.11	0.02	0.14
ER-94 041	57	63	71	<1	<1	<10	<20	<20	2.18	0.78	2.84	<0.01	0.04
ER-94 047													

LEGEND

○ Soil sample location

15 Values shown in ppm Copper

– Indicates less than detection limit for element

6028000N

6027000N

6026000N

6025000N

623000E

622000E

True North

Erin 1
T.N.330562

Erin 2
T.N.330563

Erin 3
T.N.330564

Erin 4
T.N.330565

Erin 5
T.N.330566

Erin 6
T.N.330567

Erin 7
T.N.330568

Erin 8
T.N.330569

L.0

L.1

L.2

5000

5500

6000

6277

True North = 1°25'W
Topographic contour interval = 100 feet

DRAWN October 5/1994
Revised:
October 25/1994
Nov. 9/1995

DWG-c:\acad\disc\621\621.dwg

METRES

0 50 100 150 200 250 300 350

SCALE 1:5000

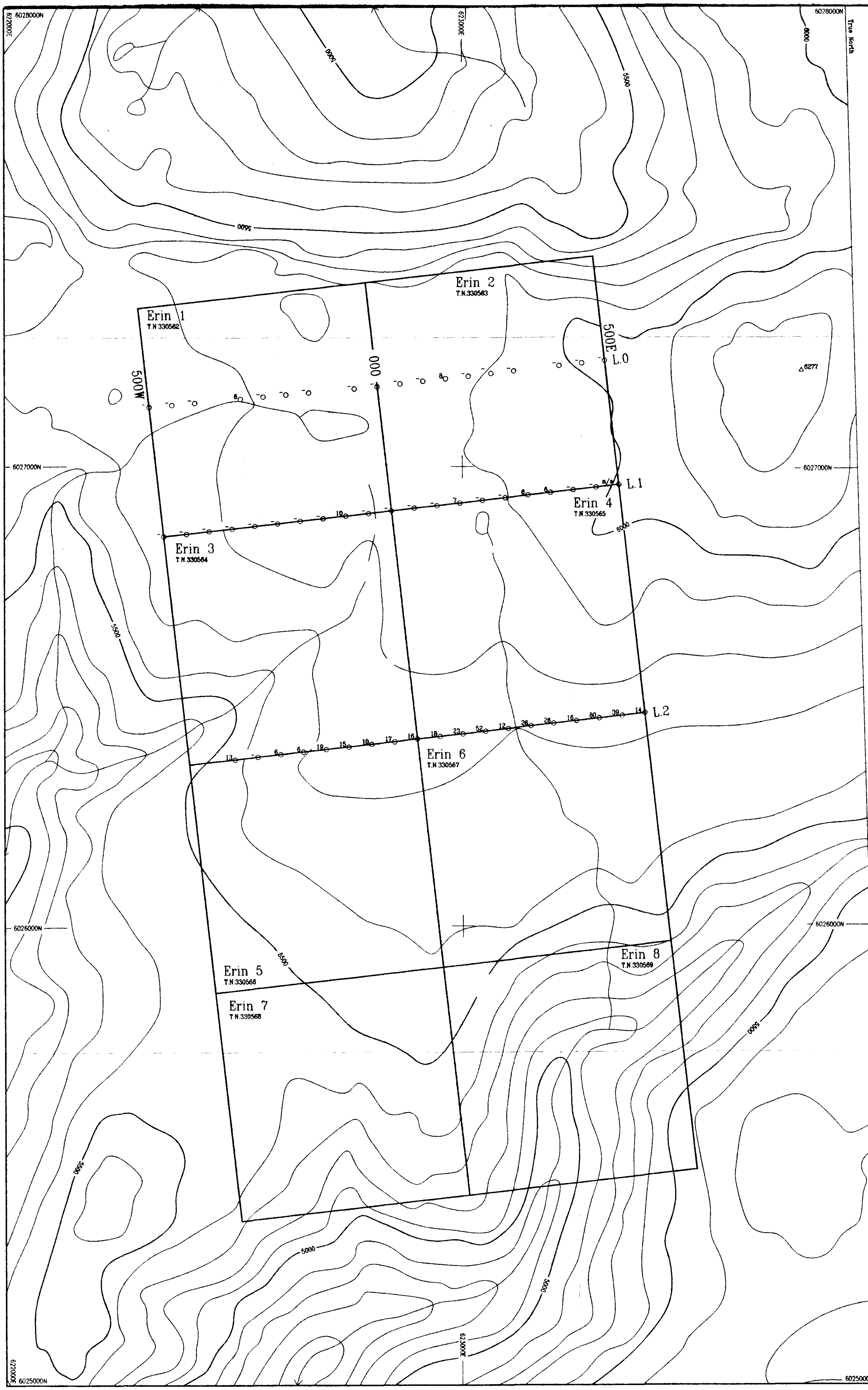
DISCOVERY Consultants

PHOENIX SYNDICATE

ERIN PROPERTY
SOIL SAMPLING
COPPER VALUES

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA D. H. CARPENTER GEOSCIENTIST

DATE: Nov.10/1995	SCALE: 1:5000
PROJECT: 621	NTS:93L/6E
FIGURE: 3	Omineca Mining Division



LEGEND

o	Soil sample location
15	Values shown in ppb Gold
-	Indicates less than detection limit for element

GEOLOGICAL BRANCH
ASSESSMENT REPORT

24,121

True North = 1°25'W
Topographic contour interval = 100 feet

DRAWN: October 5/1994
Revised:
October 25/1994
Nov. 9/1995

DWG-c:\acad\dsc\621\621.dwg

METRES

0 50 100 150 200 250 300 350

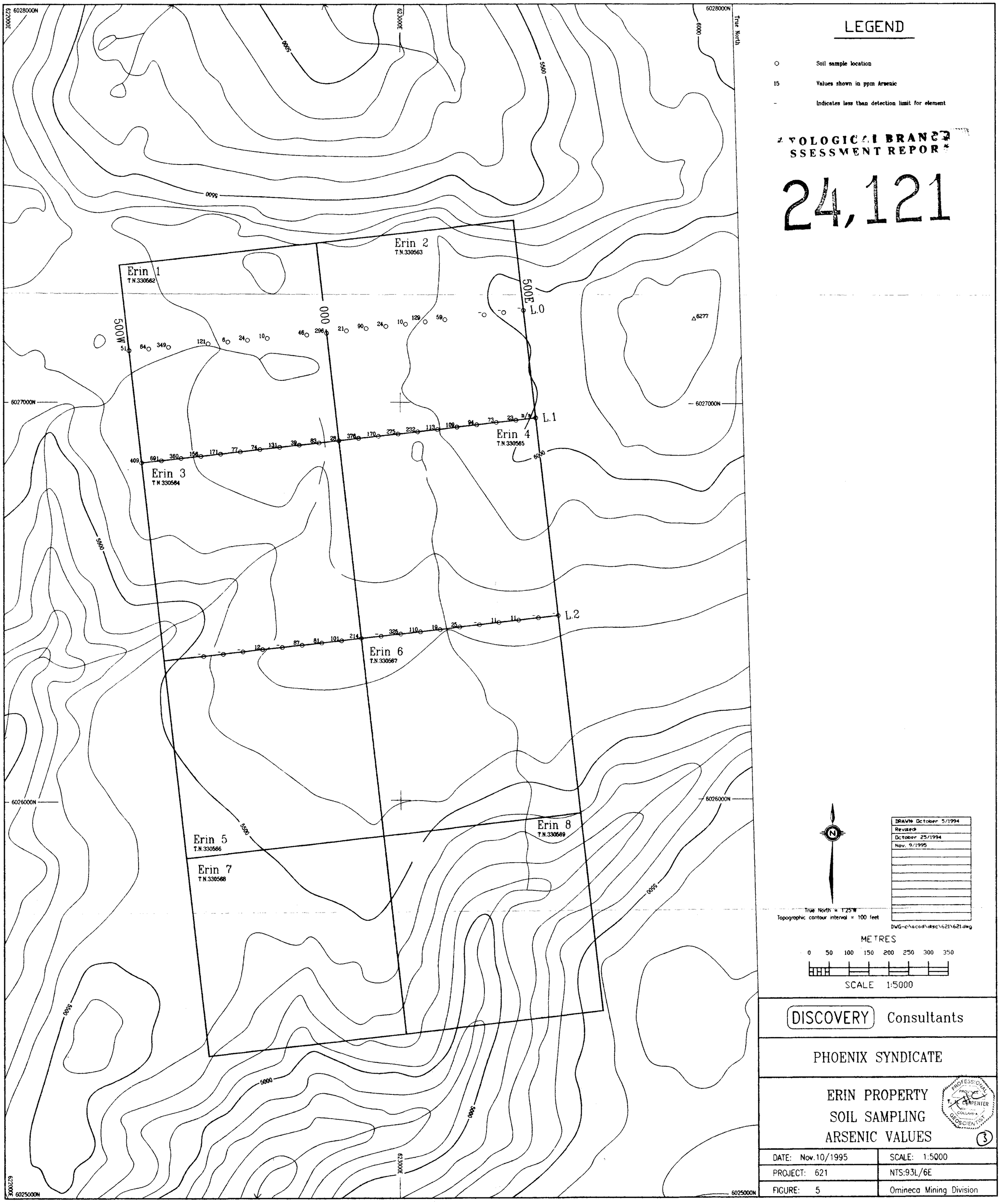
SCALE 1:5000

DISCOVERY Consultants

PHOENIX SYNDICATE

ERIN PROPERTY
SOIL SAMPLING
GOLD VALUES

DATE: Nov.10/1995	SCALE: 1:5000
PROJECT: 621	NTS:93L/6E
FIGURE: 4	Omineca Mining Division



LEGEND

O	Soil sample location
15	Values shown in ppm Arsenic
-	Indicates less than detection limit for element

DRAWN October 5/1994
Revised:
October 25/1994
Nov. 9/1995

DWG-c:\acad\alisc\621\621.dwg

DISCOVERY Consultants

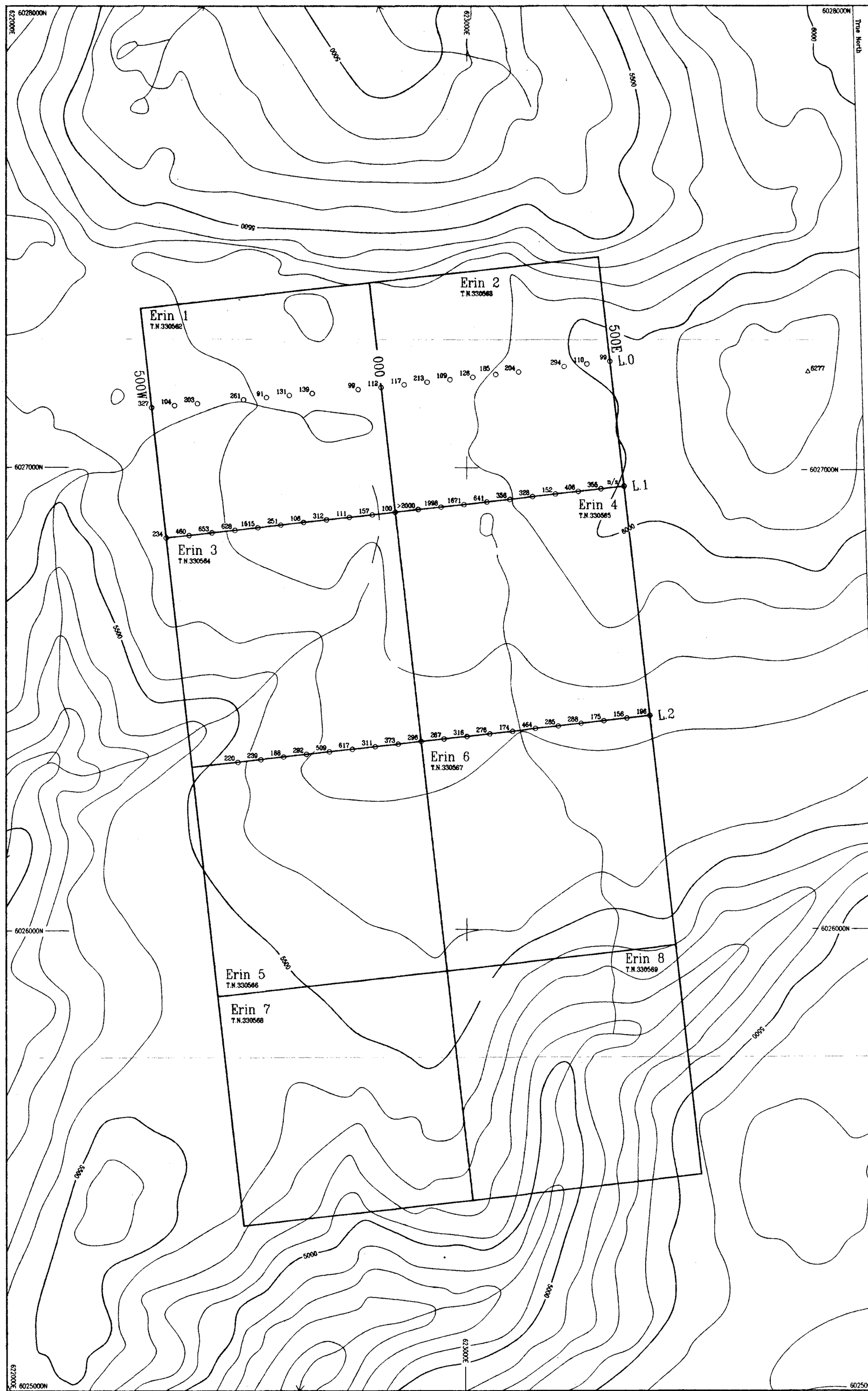
PHOENIX SYNDICATE

ERIN PROPERTY
SOIL SAMPLING
ARSENIC VALUES

P. G. CARPENTER — PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — GEOSCIENTIST

(3)

DATE: Nov.10/1995	SCALE: 1:5000
PROJECT: 621	NTS:93L/6E
FIGURE: 5	Omineca Mining Division



LEGEND

○	Soil sample location
150	Values shown in ppm Barium
-	Indicates less than detection limit for element

GEOLOGICAL BRANCH
ASSESSMENT REPORT

24,121

True North = 1°25'W
Topographic contour interval = 100 feet

DRAWN: October 5/1994
Revised:
October 25/1994
Nov. 9/1995

DWG-c:\acad\disc\621\621.dwg

METRES
0 50 100 150 200 250 300 350
SCALE 1:5000

DISCOVERY Consultants

PHOENIX SYNDICATE

ERIN PROPERTY
SOIL SAMPLING
BARIUM VALUES

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
T. H. CARPENTER
GEOSCIENTIST
4

DATE: Nov.10/1995	SCALE: 1:5000
PROJECT: 621	NTS:93L/6E
FIGURE: 6	Omineca Mining Division

6028000N

6230000E

6000

5500

2

Erin 1
T.N.330562

Erin 2
T.N.330563

Erin 3
T.N.330564

Erin 4
T.N.330565

Erin 5
T.N.330566

Erin 6
T.N.330567

Erin 7
T.N.330568

Erin 8
T.N.330569

ER94-41
ER94-40
ER94-39
Q.C. vein
ER94-47
ER94-38
ER94-34
ER94-33
ER94-23
ER94-25
ER94-32
ER94-35
ER94-22
ER94-03
ER94-02
ER94-36
ER94-11
ER94-10
ER94-12
ER94-09
ER94-13
ER94-14
ER94-15
ER94-16
ER94-18
ER94-17
ER94-19
ER94-20
ER94-21
ER94-06
ER94-05
ER94-04
ER94-37
Rusty
ER94-07
ER94-08
ER94-31
ER94-24
ER94-26
ER94-27
ER94-28
ER94-30
ER94-29

6027000N

6026000N

6025000N

△6277

6230000E

3000229

True North

LEGEND

GEOLOGICAL BRANCH
ASSESSMENT REPORT

24,121

x ER94-01 Rock sample location

Symbols

- Geological boundary
- Outcrop
- Trench
- Attitude of bedding
- Attitude of jointing

GEOLOGY

3	Felsic dyke. Aplite. Local quartz feldspar porphyry
2	Felsic volcanics. Rhyolite to dacite.
1	Andesite. Maroon and green tuffs and flows.
1b	Amygdaloidal basalt.

True North = 1°25'W
Topographic contour interval = 100 feet

DRAWN: October 5/1994
Revised:
October 25/1994
Nov. 9/1995

DWG-c:\acad\disc\621\621.dwg

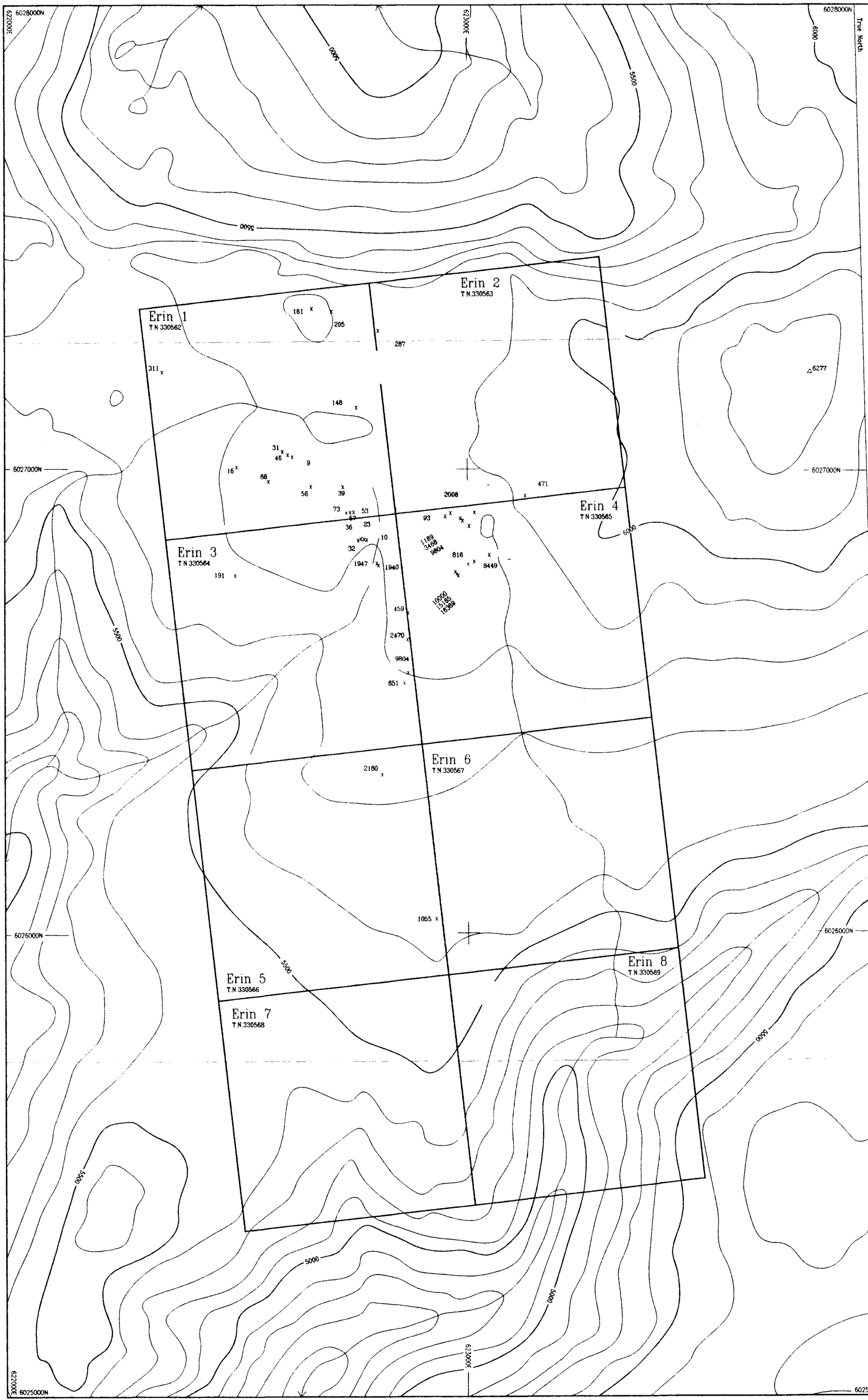
METRES
0 50 100 150 200 250 300 350
SCALE 1:5000

DISCOVERY Consultants

PHOENIX SYNDICATE

ERIN PROPERTY
GEOLOGY AND ROCK SAMPLE LOCATIONS

DATE: Nov.10/1995	SCALE: 1:5000
PROJECT: 621	NTS:93L/6E
FIGURE: 7	Omineca Mining Division



LEGEND

26 x — Rock sample location

155 — Values shown in ppm Copper

True North = 1°25'W
Topographic contour interval = 100 feet

DRAWN October 5/1994
Revised:
October 25/1994
Nov. 9/1995

DWG-c:\acad\disc\621\621.dwg

METRES

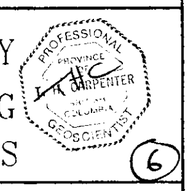
0 50 100 150 200 250 300 350

SCALE 1:5000

DISCOVERY Consultants

PHOENIX SYNDICATE

ERIN PROPERTY
ROCK SAMPLING
COPPER VALUES



(6)

DATE: Nov.10/1995	SCALE: 1:5000
PROJECT: 621	NTS:93L/6E
FIGURE: 8	Omineca Mining Division

6028000N

622000E

623000E

6027000N

6026000N

6025000N

5500

6000

5000

Erin 1
T.N.330562

Erin 2
T.N.330563

Erin 3
T.N.330564

Erin 4
T.N.330565

Erin 5
T.N.330566

Erin 6
T.N.330567

Erin 7
T.N.330568

Erin 8
T.N.330569

△6277

True North

LEGEND

x — Rock sample location

15 — Values shown in ppb Gold

– — Indicates less than detection limit for element

True North = 1°25'W
Topographic contour interval = 100 feet

DRAWN: October 5/1994
Revised:
October 25/1994
Nov. 9/1995

DWG-c:\acad\disc\621\621.dwg

METRES

0 50 100 150 200 250 300 350

SCALE 1:5000

DISCOVERY Consultants

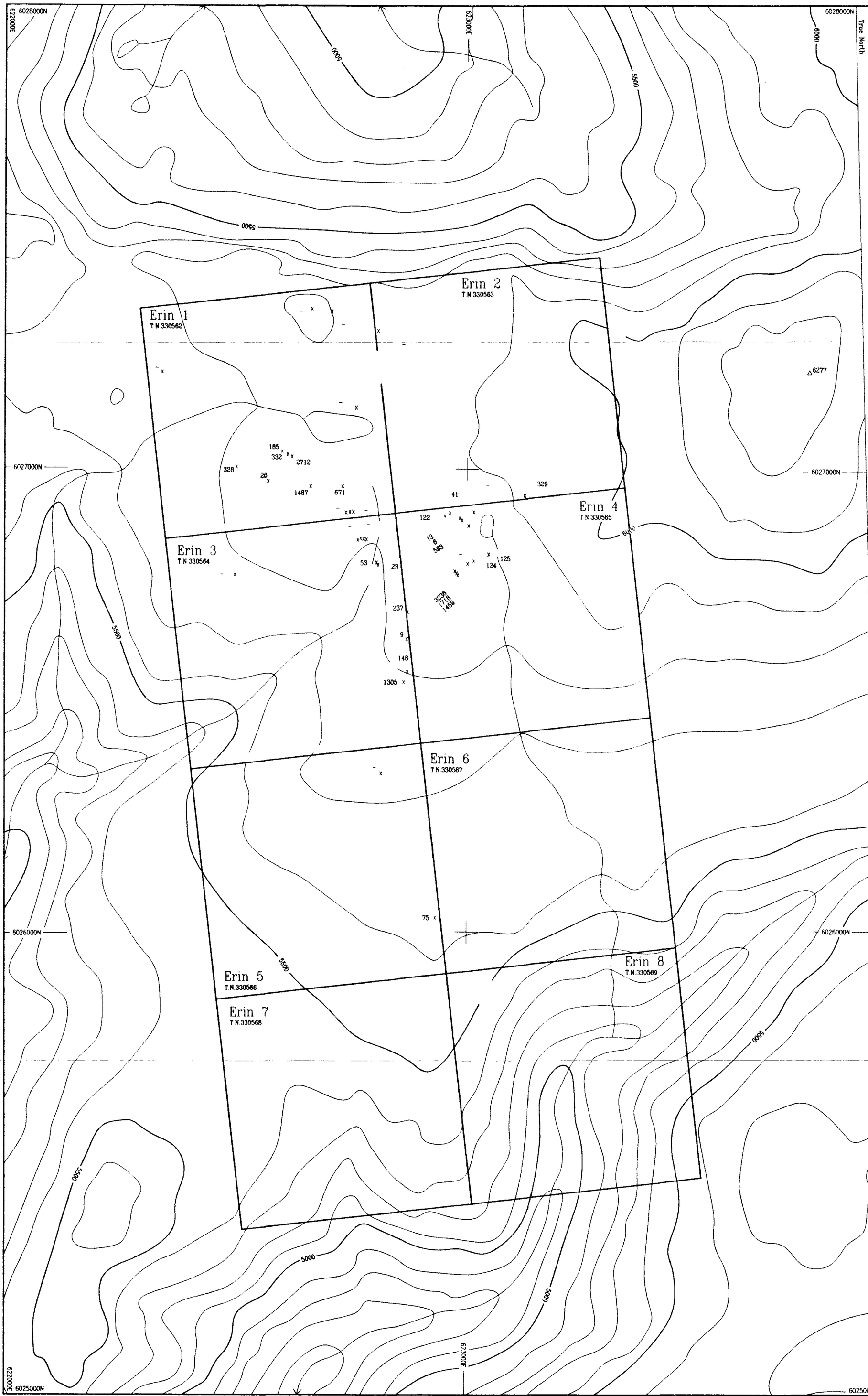
PHOENIX SYNDICATE

ERIN PROPERTY
ROCK SAMPLING
GOLD VALUES

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — A.R. MACPHERSON — GEOSCIENTIST

7

DATE: Nov.10/1995	SCALE: 1:5000
PROJECT: 621	NTS:93L/6E
FIGURE: 9	Omineca Mining Division



LEGEND

x — Rock sample location

15 — Values shown in ppm Arsenic

True North = 1°25'W
Topographic contour interval = 100 feet

DRAWN: October 5/1994
Revised:
October 25/1994
Nov. 9/1995

DWG-c:\acad\disc\621\621.dwg

METRES

0 50 100 150 200 250 300 350

SCALE 1:5000

DISCOVERY Consultants

PHOENIX SYNDICATE

ERIN PROPERTY
ROCK SAMPLING
ARSENIC VALUES

P. H. CARPENTER — PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — GEOSCIENTIST

(8)

DATE: Nov.10/1995	SCALE: 1:5000
PROJECT: 621	NTS:93L/6E
FIGURE: 10	Omineca Mining Division

LEGEND

6x Rock sample location

Erin 1
T N 330562

Erin 2
T N 330563

Erin 3
T N 330564

Erin 4
T N 330565

Erin 5
T N 330566

Erin 6
T N 330567

Erin 7
T N 330568

Erin 8
T N 330569

6028000N
6027000N
6026000N
6025000N
622000E
623000E
5500
5000
6000

True North = 1°25'W
Topographic contour interval = 100 feet

DRAWN: October 5/1994
Revised:
October 25/1994
Nov. 9/1995

DWG-c:\acad\disc\621\621.dwg

METRES
0 50 100 150 200 250 300 350
SCALE 1:5000

DISCOVERY Consultants

PHOENIX SYNDICATE

ERIN PROPERTY
ROCK SAMPLING
BARIUM VALUES

T. H. CARPENTER
PROFESSIONAL GEOSCIENTIST
PROVINCE OF BRITISH COLUMBIA

9

DATE: Nov.10/1995	SCALE: 1:5000
PROJECT: 621	NTS:93L/6E
FIGURE: 11	Omineca Mining Division