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GEOCHEMICAL REPORT

on the

ANNE CLAIM

TOOTSEE RIVER AREA

LIARD MINING DIVISION, BRITISH COLUMBIA

FILMED

Location

NTS: 104 O/16W
 Latitude: 59° 55' N
 Longitude: 130° 28' W

**GEOLOGICAL BRANCH
 ASSESSMENT REPORT**

16,902

Campbell Resources Inc.
 400 - 111 Richmond Street West
 Toronto, Ontario
 M4H 2G4

(Owner & Operator)

by

Gary A. Medford, Ph.D., FGAC

Consulting Geologist
 3894 West 37th Avenue
 Vancouver, British Columbia V6N 2W3

December 1987

SUB-RECORDER RECEIVED
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INTRODUCTION

Soil geochemical surveying has been found to be effective on slopes above the moraine-filled Tootsee River valley. The Anne claim occupies the moderate to steep east flank of a mountain straddling the contact of metasediments with the Cassiar batholith. It is mostly overburden-covered and this work extends the geochemical exploration that has been carried out on the claim.

LOCATION AND ACCESS

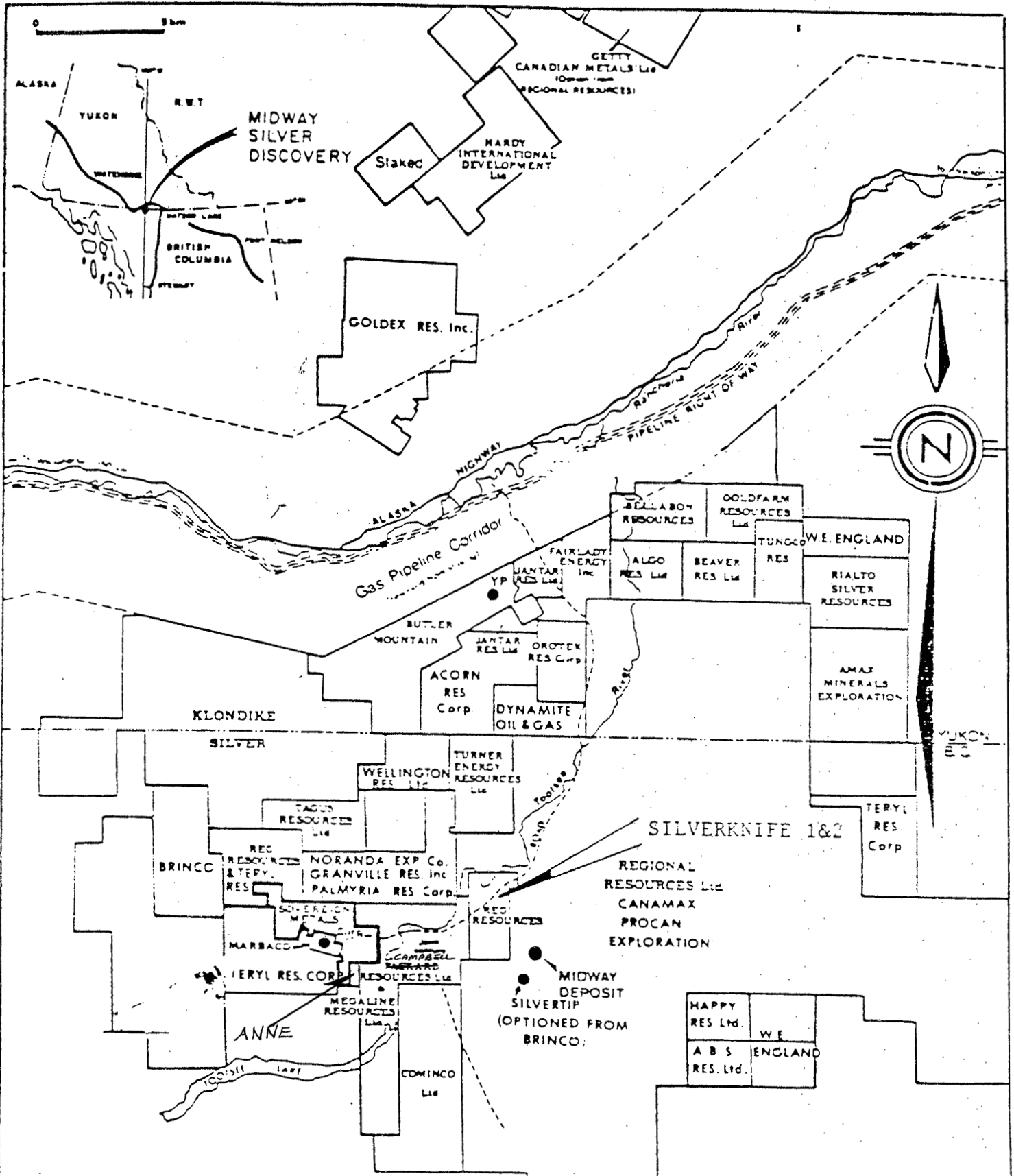
The claim is located approximately 15 km south of Rancheria, Yukon Territory and 100 km west of Watson Lake (Figure 1). The property can be accessed by following the Regional Resources road (Mile 701, Alaska Highway) south to the old Marbacco Mine road. Following the Marbacco road west, one fords the Tootsee River and then turns left onto the overgrown Tootsee Lake road.

CLAIMS

The claim is owned by Campbell Resources Inc. (75%) and International Megaline Resources Ltd. (25%).

Government records show the following:

<u>Claim</u>	<u>Record No.</u>	<u>Units</u>	<u>Expiry Date</u>
Anne	2807 (6)	4	17 June, 1988



G.A. MEDFORD Geological Exploration Consulting

MIDWAY AREA
Claim Location and Ownership

FIGURE 1

(AFTER CUKOR 1983)

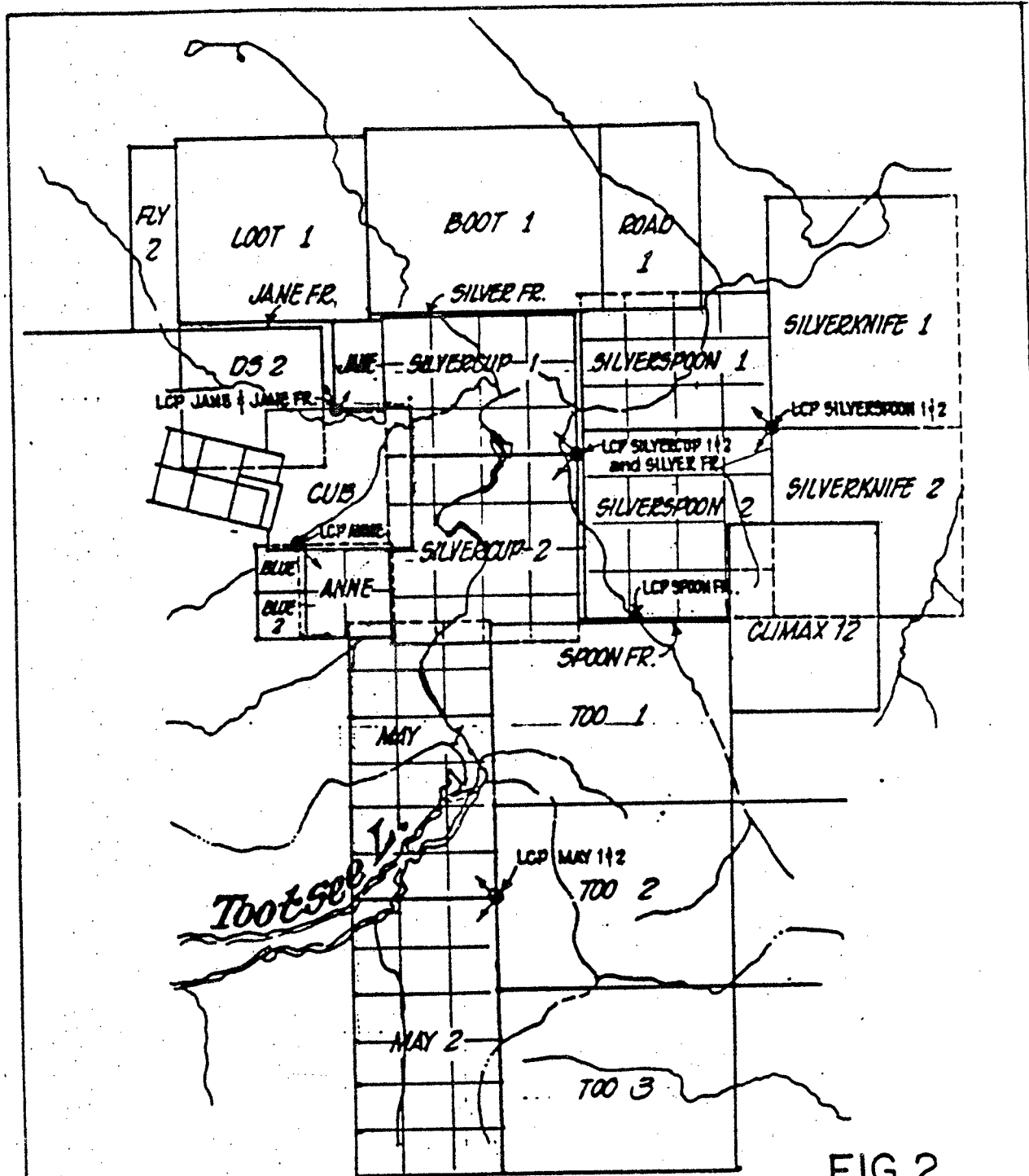


FIG. 2

Relocation of SILVERCUP 1 and 2; SILVERSPOON 1 and 2; MAY 1 and 2; ANNE; JANE and JANE FR., as agent for PACKARD RESOURCES LTD., and addition of SILVER FR. and SPOON FR., located in the Tootsee Lake area, Liard Mining Division.

Reference Map 1049/16 W.

1 : 50,000.

Amex Exploration Services Ltd., Newsmo, B.C.

May, 1983.

GEOLOGY

The claim is situated near the margin of the east flank of the Cassiar batholith (Fig. 3) which extends over 300 km from the Wolfe Lake map sheet in the Yukon southeast to the Kechika map area in British Columbia. In this region, the batholith intrudes a metamorphic package of Cambrian to Silurian metasediments. These include members of the Atan and Good Hope Groups (dolomites, limestones, skarns, quartzites) which are, in turn, overlain by calcareous phyllite and phyllitic limestone of the Kechika Group. The upper part of the Kechika Group also includes black graptolitic shales and platy siltstones. The above sequence exhibits evidence of intense multiple deformations. Overlying the above rocks, and generally outcropping farther to the east, is the McDame dolomite of Middle Devonian age. This group comprises fetid dolomites and limestones with abundant fossil debris and is overlain by the Lower Sylvester; fine-grained, black, locally graphitic slates and phyllites with grey to black bedded and ribbon cherts. The McDame and Sylvester are invariably in low-angle fault contact, the Sylvester being an allocthonous slab (Gordey et al., 1982).

The Sylvester allocthon is characterized by a broad north-westerly trending synclinal feature commonly referred to as the McDame Synclinorium. This structure parallels the contact of the Cassiar batholith in a general way. Strong northwest to northeast faulting has also affected the area. Most of these faults are steep and normal.

PREVIOUS WORK

A couple of reconnaissance soil lines traverse the property (Medford, 1983).

CAMPBELL RESOURCES INC

REGIONAL GEOLOGY
MIDWAY AREA

B. J. PRICE 1983

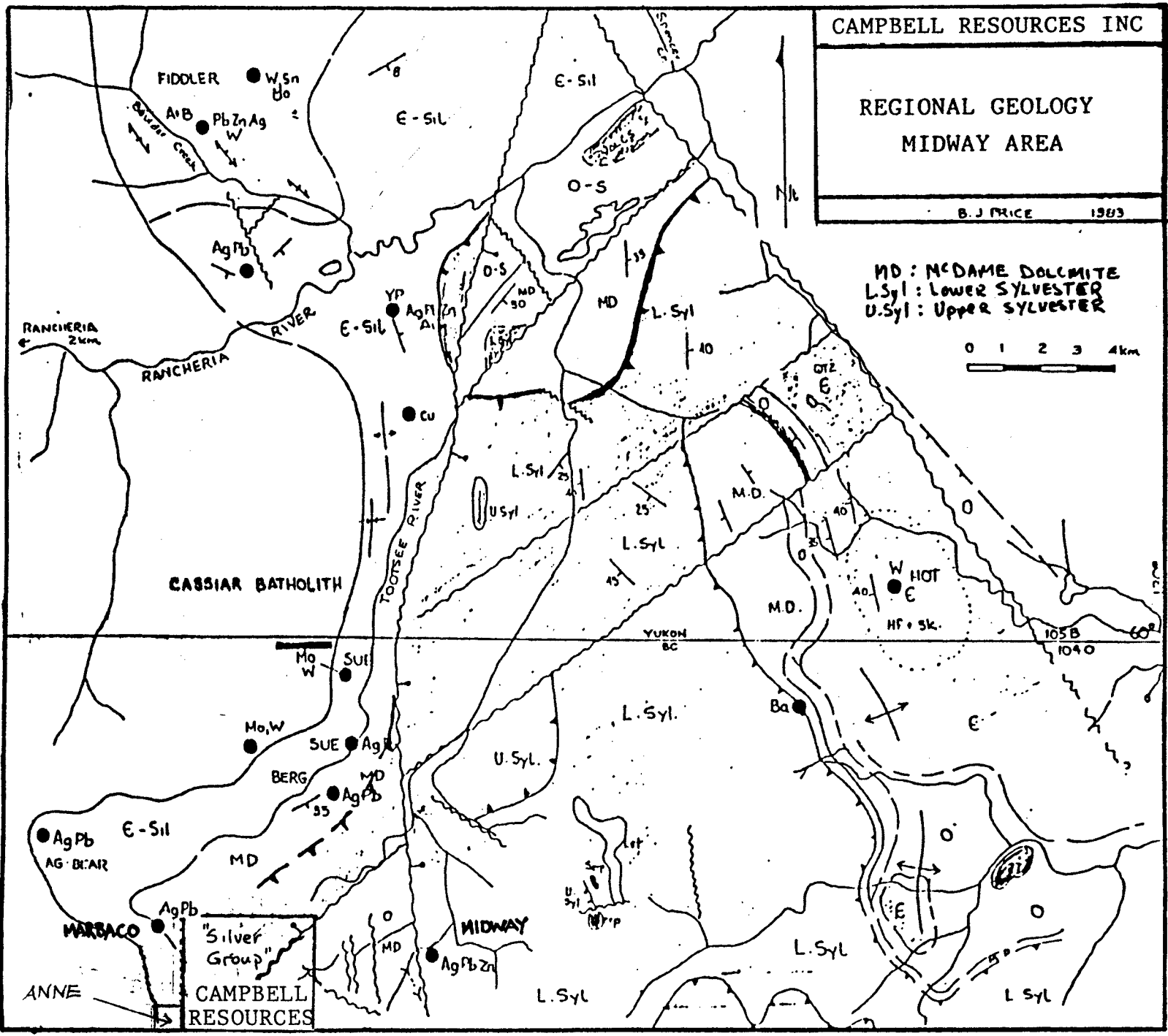


FIGURE 3

G.A. MEDFORD Geological Exploration Consulting

WORK PROGRAM

Work was carried out on September 4 and 5, 1987.

Two soil sampling lines were completed with samples taken from the B-horizon at 50 metre stations. All stations were flagged and numbered and located with hip-chain and compass. Soils were sent to Min-En Labs., North Vancouver and geochemically analysed for Cu, Pb, Zn and Ag using atomic absorption. Certificates are presented in Appendix A. Results are posted on Map 1 (fold-out).

RESULTS

The silver background is sufficiently elevated to focus attention on this area as worthy of continuing work. Lead values greater than 200 ppm and zinc values greater than 400 ppm are generally of interest in this region. A few isolated highs are found in this data set but no good groupings. Copper values do not offer much encouragement.

CONCLUSIONS AND RECOMMENDATIONS

It is concluded that extended geochemical coverage of the property could result in the development of useful geochemical patterns. This work should thus be continued.

REFERENCES AND BIBLIOGRAPHY

Gordey, S.P., Gabrielse, H. and Orchard, M.J., 1982. Stratigraphy and structure of Sylvester Allochthon, southwest McDame map area, northern British Columbia in Current Research, Part B, Geological Survey of Canada, Paper 82-1B, p. 101-106.

Medford, G., 1983. Geological, Geochemical and Geophysical Report on the Silvercup 1 & 2, Jane, Anne, May 1, Jane Fraction, Silver Fraction and Spoon Fraction Claims, Liard M.D. for Packard Resources Ltd. (filed for assessment).

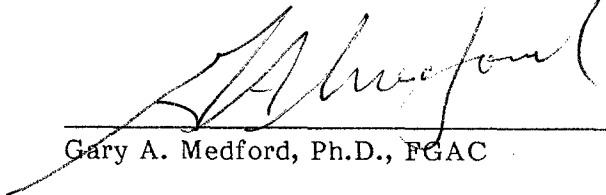
Maps

Map 19 - 1968: Jennings River, British Columbia, 1:250,000

CERTIFICATE

I, Gary A. Medford, with business address at 3894 West 37th Avenue, Vancouver, British Columbia, do hereby certify that:

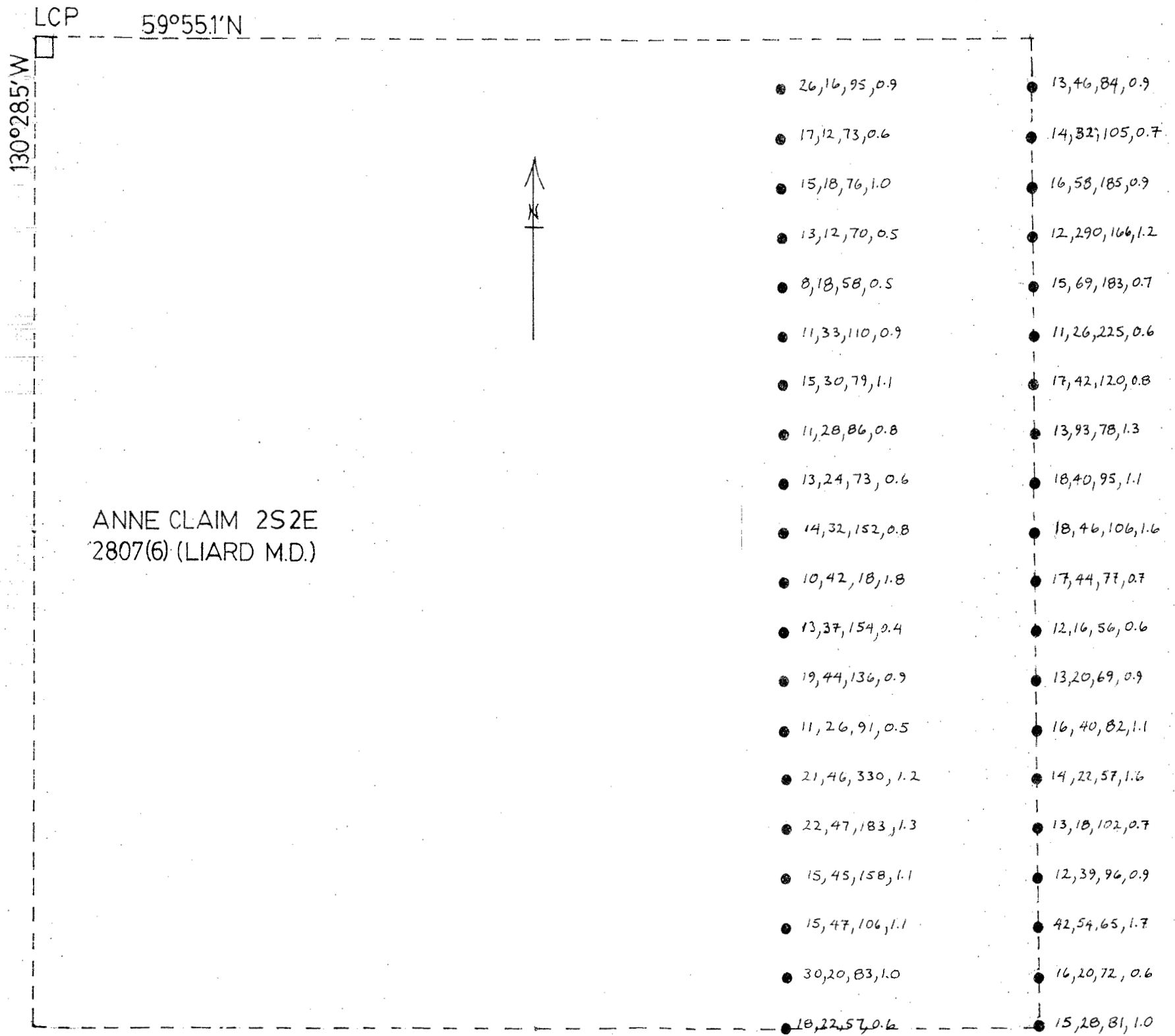
- 1) I am a consulting geologist and have been engaged in my profession for over 15 years.
- 2) I am a graduate of McGill University with B.Sc. Honours (1968) and M.Sc. (1970) degrees in geology, and have graduated from The University of British Columbia with a Ph.D. (1976) in geology.
- 3) I am a Fellow of the Geological Association of Canada.
- 4) This report is based on the writer's experience in the exploration of the area and the Anne Claim in 1983 through 1987.



Gary A. Medford, Ph.D., FGAC

COST STATEMENT

J. Young, sampler (Sept. 5)	\$ 150.00
G. Medford, Ph.D., Geologist (Sept 4 & 5 ($\frac{1}{2}$ day total))	175.00
Field Supplies	25.00
Lab Charges	236.00
Report	<u>250.00</u>
	<u>\$ 836.00</u>



100 M

● Cu Pb Zn Ag
20,22,100,0.9
ppm
B-HORIZON SOIL

MAP 1

MIN-EN LABORATORIES LTD.

Specialists in Mineral Environments

705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

PHONE: (604) 980-5814 OR (604) 988-4524

TELEX: VIA USA 7601087 UC

Certificate of GEOCHEM

Company: G. A. MEDFORD
 Project:
 Attention:

File: 7-1796/P1
 Date: NOV 5/87
 Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM
870905-01	15	28	81	1.0
870905-02	16	20	72	.6
870905-03	42	54	65	1.7
870905-04	12	39	96	.9
870905-05	13	18	102	.7
870905-06	14	22	57	1.6
870905-07	16	40	82	1.1
870905-08	13	20	69	.9
870905-09	12	16	56	.6
870905-10	17	44	77	.7
870905-11	18	46	106	1.6
870905-12	18	40	95	1.1
870905-13	13	93	78	1.3
870905-14	17	42	120	.8
870905-15	11	26	225	.6
870905-16	15	69	183	.7
870905-17	12	290	166	1.2
870905-18	16	58	185	.9
870905-19	14	32	105	.7
870905-20	13	46	84	.9
870905-21	18	22	57	.6
870905-22	30	20	83	1.0
870905-23	15	47	106	1.1
870905-24	15	45	158	1.1
870905-25	22	47	183	1.3
870905-26	21	46	330	1.2
870905-27	11	26	91	.5
870905-28	19	44	136	.9
870905-29	13	37	154	.4
870905-30	10	42	18	1.8

Certified by

MIN-EN LABORATORIES LTD.

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705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

PHONE: (604) 980-5814 OR (604) 988-4524

TELEX: VIA USA 7601057 UC

Certificate of GEOCHEM

Company: G. A. MEDFORD

Project:

Attention:

File: 7-1796/P2

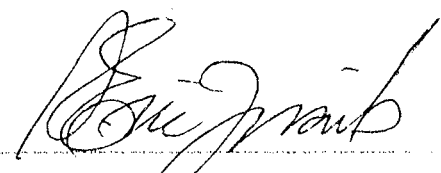
Date: NOV 5/87

Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM
870905-31	14	32	152	.8
870905-32	13	24	73	.6
870905-33	11	28	86	.8
870905-34	15	30	79	1.1
870905-35	11	33	110	.9
870905-36	8	18	58	.5
870905-37	13	12	70	.5
870905-38	15	18	76	1.0
870905-39	17	12	73	.6
870905-40	26	16	95	.9

Certified by



MIN-EN LABORATORIES LTD.