GEOCHEMICAL

ASSESSMENT REPORT

on the

ATAN PROPERTY

ATAN 1 - 8 MINERAL CLAIMS

McDAME AREA

LIARD MINING DIVISION, B.C.

NTS:	104P/03E
LATITUDE:	59°12'04" N
LONGITUDE:	129°11'54" W
OWNER:	W.R. Gilmour
OPERATOR:	Discovery Consultants
AUTHOR:	T.H. Carpenter, P.Geo.
DATE:	September 30,1999

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SUMMARY

The Atan is a possible "manto" or Mississippi Valley Type deposit comprising barite, lead, zinc, copper and silver mineralization in a limestone-dolomite horizon.

The occurrence is located at the western end of Atan Lake, 33 kilometres east-southeast of Cassiar and 100 kilometres northeast of Dease Lake.

Exploration work has been carried out on the property since 1967. Mineralization has been detected over a strike length of 1.5 kilometres and includes assays of 24 g/tonne Ag, 3.07% zinc over 3.4 metres and 6.8% Pb over 2.7 metres. Twelve metres of barite have been exposed in trenching.

In 1994 a program of soil and rock sampling was carried out on the property. Soil samples anomalous in copper, arsenic, barium, lead and zinc were detected away from but apparently on strike with known showings. Additional soil sampling was carried out in 1999 to further define these anomalies.

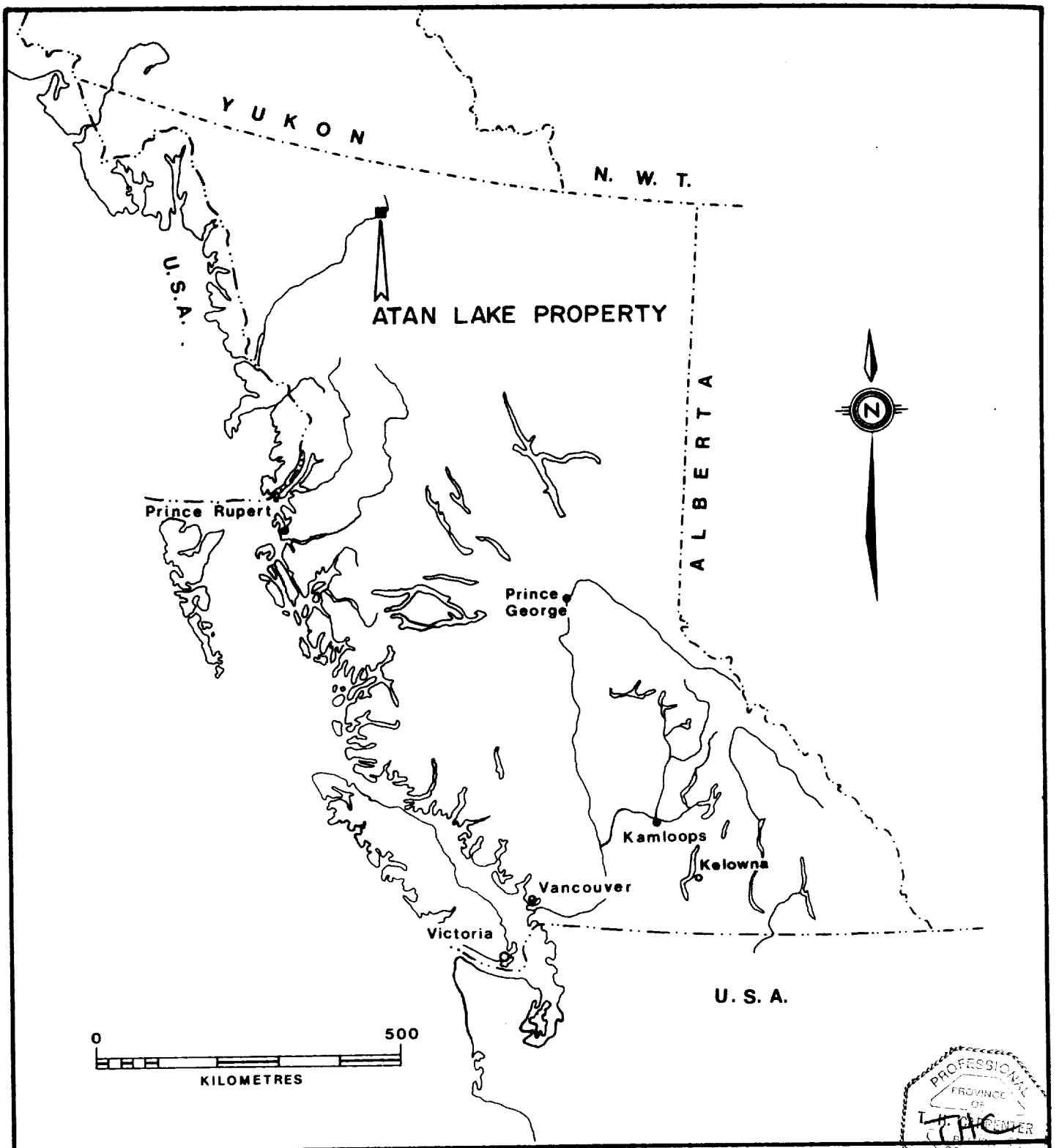
LOCATION AND ACCESS

The Atan property is centred at latitude 59°12"04'N and longitude 129°11"54' W, 33 km ESE of Cassiar and 2 km NE of McDame Post (Figure 1).

Access to the property can be gained by road 16 kilometres south off the Cassiar-Watson Lake highway.

TOPOGRAPHY

The topography of the property is gentle, with elevations ranging from about 730 metres at Atan Lake to 823 metres at the southeast corner of the claim block.



PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
T. H. CARPENTER

DISCOVERY Consultants	PREDATOR SYNDICATE
ATAN LAKE PROPERTY	LOCATION MAP

DATE: JUNE 6/94	PROJECT: 615	SCALE: As Shown	N.T.S.: 104P/3E	M.D.: LIARD	FIGURE: 1

DWG-615-001

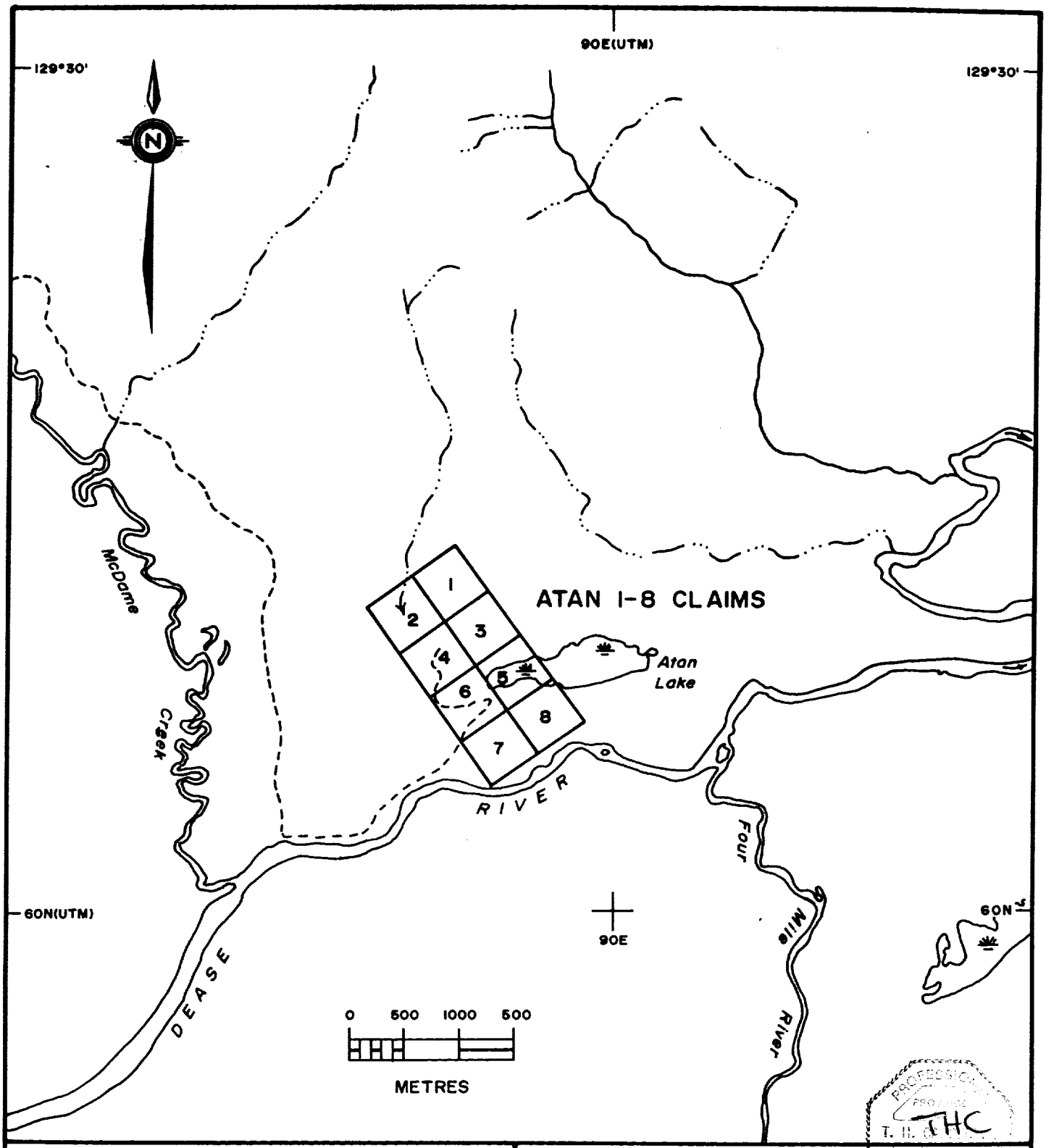
PROPERTY

The Atan property (Figure 2) comprises eight two-post claims, designated Atan 1-8, located by John Beggs on April 3 and April 5, 1994 and recorded in Vernon, B.C. on April 15, 1994.

Claim Name	Record No.	Owner of Record	Anniversary Date*
Atan 1	324672	W.R. Gilmour	April 3, 2002
Atan 2	324673	W.R. Gilmour	April 3, 2002
Atan 3	324674	W.R. Gilmour	April 3, 2002
Atan 4	324675	W.R. Gilmour	April 3, 2002
Atan 5	324676	W.R. Gilmour	April 3, 2002
Atan 6	324677	W.R. Gilmour	April 3, 2002
Atan 7	324678	W.R. Gilmour	April 5, 2002
Atan 8	324679	W.R. Gilmour	April 5, 2002

The claims are held in trust for the Predator Syndicate.

* Pending acceptance of this report.



DISCOVERY Consultants	PREDATOR SYNDICATE
ATAN LAKE PROPERTY	CLAIM LOCATION MAP

DATE: JUNE 6/94	PROJECT: 615	SCALE: 1:50000	N.T.S.: 104P/3E	M.D.: LIARD	FIGURE: 2

DWG-615-002

HISTORY

Mineralization on the Atan property was discovered in 1949. At that time an access road was built and a number of trenches excavated. No further work on the Atan property was reported until 1967 when Dresser Industries carried out ground EM and magnetometer surveys on the "Bill" claims.

In 1970 Dresser also completed a soil-sampling program on the claims.

In 1968 Tournigan Mineral Exploration conducted Induced Potential, magnetometer and soil sampling surveys on the "Adair" and "Atan" claims, to the south of the Bill claims. This work was followed in 1973 by linecutting, gravity and topographical surveys.

Esso Resources carried out a diamond-drilling program on the Atan claims in 1976.

Tournigan Mineral Exploration completed diamond drilling and geological programs on the "Ski" claims in 1977. These claims were located to the southwest of the "Bill" claims.

The Atan property, staked in 1994, covers the mineralized areas of the Ski, Atan and Adair claims.

GENERAL GEOLOGY

The Atan property is underlain by Lower Cambrian Atan Group limestone, argillaceous limestone and dolomite, which strike east-southeast, and dip steeply to the south.

Two zones of mineralization have been defined: the North Zone, located 500 m NW of the west end of Atan Lake, and Barite Hill, which lies 800 m SE of the west end of Atan Lake.

The best described is the North Zone where dolostone has been variably replaced by chert. The chert bodies are in general stratiform but locally cut across stratification.

MINERALIZATION

Mineralization consists of disseminated to globular sphalerite that occurs mainly, but not exclusively, in beds replaced by chert and massive barite that occurs as fracture fillings and as replacement bodies.

Galena, in minor amounts, occurs with sphalerite in places and as occasional grains although chip sampling in 1949 assayed 6.8% Pb over 2.7 metres and 10.6% Pb over 1.5 metres. Chalcopyrite and tetrahedrite occur along the margins of some barite bodies. Pyrite is a common constituent of the host rocks.

WORK COMPLETED

A field program was carried out on the property in August, 1999 and comprised a soil sampling survey to further define soil anomalies from the 1994 program.

Soil Sampling

a) Program Parameters

Sixty-two soil samples were collected on the Atan 1-8 claims. Samples were taken at 50 metre intervals along lines established using compass and hipchain.

The samples were collected by shovel from the "B" horizon, placed in 9 cm x 25-cm kraft sample bags and sent to Chemex Labs Ltd. in North Vancouver, B.C. At Chemex analyses were carried out for gold by F.A.-A.A. and for 32 other elements by ICP. Sample locations are shown on Figures 3-9. Analytical results are contained in Appendix 1.

b) Program Results

. A soil anomaly over 200 metres in length and up to 150 metres in width has been defined south of the western end of Atan Lake. This anomaly, which appears to have a northwesterly trend, is anomalous in copper, barium, zinc and antimony, with maximum values of 667 ppm, 292 ppm, 2620 ppm, and 62 ppm respectively (Figures 3,4,5,7 and 8). A weak lead anomaly (50 ppm) was noted in the area (Figure 6).

These anomalies occur southwesterly of a narrow barite showing exposed on the south shore of Atan Lake. In most of the anomalous elements, values are higher than over known showings to the south at the Barite Hill Showing and to the northwest at the North Zone Showing.

Sampling elsewhere on the property, on the Atan 1, 3, and 4 claims has defined a linear arsenic anomaly on the Atan 1 and 3 claims (Figure 4), and a zinc anomaly north of the west end of Atan Lake (Figure 7). Overall, the zinc values appear to be more widespread than other elements and do not form as discrete anomalies.

CONCLUSIONS

Barite, copper, lead, zinc and silver mineralization in outcrop is located on the Atan claims at locations 1500 metres apart. Previous work has defined 6.8% Pb over 2.7 metres in chip samples, 3.07% Zn over 3.4 metres in drill core and 12 metres of barite exposed in a trench exposure.

Soil and rock sampling in 1994, largely due to the placement of sample lines, corresponded to areas of previous trenching and sampling. Additional soil sampling in 1999, away from these areas, has defined a multi-element anomaly south of the western end of Atan Lake, which may correspond to an extension of mineralization found in outcrop at the south end of the property.

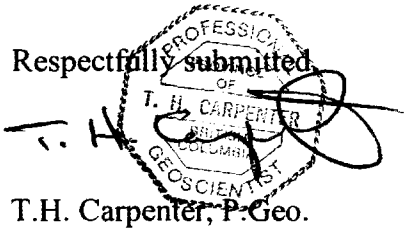
RECOMMENDATIONS

Additional soil sampling should be carried out at the south end of the property to test the continuity between the Barite Hill Showing and anomalous metal values in soils at the western end of Atan Lake.

A ground EM survey and possibly an IP survey should be carried out to define structural trends and alteration related to mineralization.

Prospecting and mapping should be carried out to the south of the Dease River to check for possible southern extensions of mineralization.

Respectfully submitted,



T.H. Carpenter, P.Geo.

Vernon, B.C.

REFERENCES

British Columbia Ministry of Energy, Mines and Petroleum
Resources Annual Report.
1949 - pg. A71 - A72
1967 - pg. 26
1968 - pg. 35

British Columbia Ministry of Energy, Mines and Petroleum Resources - Geology, Exploration and Mining in British Columbia.
1969 - pg. 43
1970 - pg. 37
1971 - pg. 56
1972 - pg. 561
1973 - pg. 540

British Columbia Ministry of Energy, Mines and Petroleum Resources - Exploration in British Columbia.
1976 - pg. E196
1977 - pg. E244

B.C. MEMPR Assessment Reports #1220, 2592, 4581, 5945, 6438

STATEMENT OF COSTS

Atan Property - Project 649

1	*Professional Services*			
	T. Carpenter (P.Geo.)			
	Planning, Data Interpretation, & Report Writing			
	1.25 day at $350/day	$ 437.50		
	Geological & Field Work (August 27 & 28, 1999)			
	2.0 day @$350/day	700.00		
		---		$1,137.50
2	*Field Personnel*			
	R.Mitchell (August 27 & 28, 1999)			
	Soil Sampling			
	2.0 days @$283.20/day	566.40		
		---		566.40
3	*Office Personnel*			
	Drafting	116.19		
	Secretarial	79.65		
	Data Compilation	44.25		
		---		240.09
4	*Expenses*			
	Analysis - Chemex Labs Ltd.			
	(Au + 32 element ICP)			
	62 soils @$15.92/sample	987.04		
		---	$ 987.04	
	Field Supplies		48.94	
	Equipment Rental		6.00	
	Freight		45.00	
	Lodging & Meals		283.75	
	Maps & Publications		15.00	
	Communications, Report & Map printing		95.00	
			---	1,480.73

		Exploration Costs :		$3,424.72
5	*Transportation*			
	4x4 Truck 2 days @$40/day	$ 80.00		
	934 km @$0.30/km	280.20		
	gas	94.83		
		---		
	a) total transportation costs	$ 455.03		
	b) @20% of Exploration Costs of $3,424.72		684.94	
	a or b - whichever is less		---	455.03

		Total Exploration Costs :		$3,879.75
				=========

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.

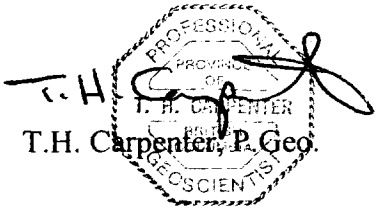
2. I am a 1971 graduate of the Memorial University of Newfoundland with a Bachelor of Science degree in geology.

3. I have been practicing my profession since graduation.

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 Atan property gained from fieldwork and supervision.

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



T.H. Carpenter, P.Geo.

Vernon, B.C.

APPENDIX 1

ANALYTICAL PROCEDURES

Geochemical Analysis

by Chemex Labs Ltd.

ELEMENT		LOWER DETECTION LIMIT	EXTRACTION	METHOD
Au	Gold	5 ppb	fire assay	A.A.
Al*	Aluminum	0.01%	Aqua-Regia digestion	Ind. Coupled Plasma
Sb	Antimony	2 ppm	Aqua-Regia digestion	Ind. Coupled Plasma
As	Arsenic	2 ppm	Aqua-Regia digestion	Ind. Coupled Plasma
Ba*	Barium	10 ppm	Aqua-Regia digestion	Ind. Coupled Plasma
Be*	Beryllium	0.5 ppm	Aqua-Regia digestion	Ind. Coupled Plasma
Bi	Bismuth	2 ppm	Aqua-Regia digestion	Ind. Coupled Plasma
Cd	Cadmium	0.5 ppm	Aqua-Regia digestion	Ind. Coupled Plasma
Ca*	Calcium	0.01%	Aqua-Regia digestion	Ind. Coupled Plasma
Cr*	Chromium	1 ppm	Aqua-Regia digestion	Ind. Coupled Plasma
Co	Cobalt	1 ppm	Aqua-Regia digestion	Ind. Coupled Plasma
Cu	Copper	1 ppm	Aqua-Regia digestion	Ind. Coupled Plasma
Ga*	Gallium	10 ppm	Aqua-Regia digestion	Ind. Coupled Plasma
Fe	Iron	0.01%	Aqua-Regia digestion	Ind. Coupled Plasma
La*	Lanthanum	10 ppm	Aqua-Regia digestion	Ind. Coupled Plasma
Pb	Lead	2 ppm	Aqua-Regia digestion	Ind. Coupled Plasma
Mg*	Magnesium	0.01%	Aqua-Regia digestion	Ind. Coupled Plasma
Mn	Maganese	5 ppm	Aqua-Regia digestion	Ind. Coupled Plasma
Hg	Mercury	1 ppm	Aqua-Regia digestion	Ind. Coupled Plasma
Mo	Molybdenum	1 ppm	Aqua-Regia digestion	Ind. Coupled Plasma
Ni	Nickel	1 ppm	Aqua-Regia digestion	Ind. Coupled Plasma
P	Phosphorus	10 ppm	Aqua-Regia digestion	Ind. Coupled Plasma
K*	Potassium	0.01%	Aqua-Regia digestion	Ind. Coupled Plasma
Sc*	Scandium	1 ppm	Aqua-Regia digestion	Ind. Coupled Plasma
Ag	Silver	0.2 ppm	Aqua-Regia digestion	Ind. Coupled Plasma
Na*	Sodium	0.01%	Aqua-Regia digestion	Ind. Coupled Plasma
Sr*	Strontium	1 ppm	Aqua-Regia digestion	Ind. Coupled Plasma
Tl*	Thallium	10 ppm	Aqua-Regia digestion	Ind. Coupled Plasma
Ti*	Titanium	0.01%	Aqua-Regia digestion	Ind. Coupled Plasma
W*	Tungsten	10 ppm	Aqua-Regia digestion	Ind. Coupled Plasma
U	Uranium	10 ppm	Aqua-Regia digestion	Ind. Coupled Plasma
V	Vanadium	1 ppm	Aqua-Regia digestion	Ind. Coupled Plasma
Zn	Zinc	2 ppm	Aqua-Regia digestion	Ind. Coupled Plasma

* Incomplete digeston.

Project 649

Atan

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Soil Sample Analyses

1999

Reference : a9 28357

Sample ID	Lab report #	30g FA/AA Au ppb	ICP Ag ppm	ICP As ppm	ICP Sb ppm	ICP Cu ppm	ICP Pb ppm	ICP Zn ppm	ICP W ppm	ICP Cd ppm	ICP Mo ppm	ICP Bi ppm	ICP Ni ppm	ICP Co ppm	ICP Cr ppm	ICP Fe %	ICP Mn ppm	ICP Ba ppm
1600N 050E	a9928357	<5	<0.2	18	4	15	12	38	<10	0.5	<1	<2	27	8	38	2.07	265	160
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1600N 150E	a9928357	<5	<0.2	26	2	25	8	48	<10	0.5	<1	8	37	11	45	2.56	355	200
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0390N 490E	a9928357	<5	<0.2	<2	<2	12	4	68	<10	0.5	<1	2	42	16	49	3.96	425	310

Atan

Soil Sample Analyses (part 2)

Sample ID	ICP V ppm	ICP Hg ppm	ICP Sr ppm	ICP La ppm	ICP Al %	ICP Mg %	ICP Ca %	ICP Na %	ICP K %	ICP Tl %	ICP U ppm	ICP Be ppm	ICP Ga ppm	ICP P ppm	ICP Sc ppm	ICP Tl ppm	ICP B ppm	ICP S %
1600N 050E	40	<1	25	20	1.23	0.55	0.52	0.01	0.11	0.09	<10	<0.5	<10	630	4	<10	<10	<0.01
1600N 100E	38	1	19	10	0.99	0.49	0.45	<0.01	0.10	0.09	<10	<0.5	<10	570	3	<10	<10	<0.01
1600N 150E	45	<1	25	20	1.39	0.66	0.53	0.01	0.15	0.09	<10	<0.5	<10	720	5	<10	<10	<0.01
1600N 200E	40	<1	23	20	1.13	0.51	0.48	0.01	0.14	0.08	<10	<0.5	<10	630	4	<10	<10	<0.01
1600N 250E	45	<1	25	20	1.39	0.62	0.54	0.01	0.19	0.09	<10	<0.5	<10	770	5	<10	<10	<0.01
1600N 300E	47	<1	25	20	1.48	0.68	0.54	0.01	0.19	0.09	<10	<0.5	<10	740	6	<10	<10	<0.01
1600N 350E	35	<1	21	10	1.04	0.49	0.46	0.01	0.11	0.07	<10	<0.5	<10	750	3	<10	<10	<0.01
1600N 400E	51	<1	31	20	1.63	0.80	0.65	0.01	0.18	0.10	<10	<0.5	<10	800	6	<10	<10	<0.01
1600N 450E	47	<1	26	20	1.56	0.65	0.56	0.01	0.17	0.08	<10	0.5	<10	680	6	<10	<10	<0.01
1600N 500E	32	<1	17	10	0.89	0.49	0.42	<0.01	0.08	0.06	<10	<0.5	<10	660	3	<10	<10	<0.01
1400N 050E	66	<1	18	<10	1.32	0.66	0.43	0.01	0.07	0.10	<10	<0.5	<10	630	3	<10	<10	<0.01
1400N 100E	70	<1	18	<10	1.38	0.68	0.41	0.01	0.08	0.10	<10	<0.5	<10	700	3	<10	<10	<0.01
1400N 150E	33	<1	20	10	0.86	0.47	0.42	0.01	0.07	0.07	<10	<0.5	<10	650	3	<10	<10	<0.01
1400N 200E	53	<1	25	20	1.77	0.81	0.52	0.01	0.20	0.09	<10	0.5	<10	630	6	<10	<10	<0.01
1400N 250E	66	<1	28	10	1.74	0.74	0.70	0.01	0.07	0.15	<10	0.5	<10	550	6	<10	<10	<0.01
1400N 300E	80	<1	21	<10	2.63	0.78	0.39	0.01	0.08	0.18	<10	0.5	<10	890	4	<10	<10	<0.01
1400N 350E	87	<1	23	10	2.44	0.73	0.40	0.01	0.08	0.18	<10	<0.5	<10	830	5	<10	<10	<0.01
1400N 400E	90	<1	21	<10	2.67	0.68	0.36	0.01	0.07	0.21	<10	0.5	<10	800	3	<10	<10	<0.01
1400N 450E	91	<1	22	10	2.74	0.72	0.37	0.01	0.07	0.20	<10	0.5	<10	960	4	<10	<10	<0.01
1400N 500E	91	<1	19	<10	2.45	0.73	0.38	0.01	0.08	0.18	<10	<0.5	<10	1190	4	<10	<10	0.01
1200N 250W	89	<1	17	<10	3.05	0.74	0.32	0.01	0.08	0.19	<10	0.5	10	1560	4	<10	<10	<0.01
1200N 200W	92	<1	19	<10	3.05	0.82	0.37	0.01	0.10	0.17	<10	0.5	<10	2060	5	<10	<10	0.01
1200N 150W	85	<1	18	<10	2.56	0.59	0.30	0.01	0.07	0.18	<10	<0.5	10	1150	4	<10	<10	0.01
1200N 100W	84	<1	23	10	2.65	0.69	0.38	0.01	0.09	0.17	<10	<0.5	<10	1060	5	<10	<10	<0.01
1200N 050W	78	<1	27	10	3.03	0.93	0.37	0.01	0.28	0.17	<10	0.5	<10	680	9	<10	<10	<0.01
1200N 050E	94	<1	31	<10	2.53	0.77	0.58	0.01	0.13	0.17	<10	<0.5	<10	680	4	<10	<10	0.01
1200N 100E	84	<1	25	<10	2.14	0.60	0.45	0.01	0.10	0.14	<10	<0.5	<10	1320	3	<10	<10	<0.01
1200N 150E	93	<1	18	<10	2.15	0.68	0.33	0.01	0.11	0.16	<10	<0.5	<10	650	3	<10	<10	<0.01
1200N 200E	63	<1	22	20	2.30	0.76	0.38	0.01	0.22	0.08	<10	0.5	<10	740	6	<10	<10	<0.01
1200N 250E	75	<1	23	<10	1.91	0.60	0.45	0.01	0.10	0.14	<10	<0.5	<10	1550	3	<10	<10	<0.01
1200N 300E	74	<1	28	10	2.85	0.63	0.57	0.01	0.04	0.15	<10	0.5	<10	260	6	<10	<10	0.01
1200N 350E	74	<1	22	<10	1.71	0.45	0.42	0.01	0.07	0.12	<10	<0.5	<10	1290	3	<10	<10	<0.01
1200N 400E	71	<1	20	<10	1.75	0.66	0.39	0.01	0.07	0.11	<10	<0.5	<10	1560	4	<10	<10	<0.01
1200N 450E	81	<1	12	<10	1.74	0.37	0.27	<0.01	0.04	0.19	<10	<0.5	<10	430	2	<10	<10	<0.01
1200N 500E	79	<1	12	<10	1.61	0.37	0.22	<0.01	0.05	0.19	<10	<0.5	<10	820	2	<10	<10	<0.01
0600N 050E	102	<1	75	10	2.56	0.68	3.23	<0.01	0.05	0.03	<10	0.5	<10	580	6	<10	<10	0.04
0600N 110E	89	6	12	10	3.24	0.59	0.29	0.01	0.03	0.24	<10	0.5	<10	250	5	<10	<10	<0.01
0600N 150E	55	<1	24	10	1.80	1.98	2.71	0.01	0.03	0.10	<10	<0.5	<10	200	5	<10	<10	0.04
0600N 200E	43	<1	37	<10	1.53	1.56	2.20	<0.01	0.05	0.06	<10	<0.5	<10	580	3	<10	<10	0.06
0600N 250E	79	<1	19	10	2.17	0.65	0.45	0.01	0.04	0.13	<10	<0.5	<10	340	5	<10	<10	<0.01
0600N 300E	100	<1	20	<10	2.59	0.69	0.41	0.01	0.06	0.21	<10	<0.5	10	770	4	<10	<10	0.01
0600N 350E	80	<1	27	<10	2.37	0.80	0.45	0.02	0.09	0.16	<10	<0.5	<10	740	4	<10	<10	<0.01
0400N 050E	91	<1	18	<10	1.95	0.41	0.30	0.01	0.10	0.24	<10	<0.5	10	870	3	<10	<10	<0.01
0400N 100E	69	<1	27	<10	1.72	0.75	0.57	0.01	0.10	0.11	<10	<0.5	<10	890	4	<10	<10	<0.01
0400N 150E	2	<1	147	<10	0.10	0.20	4.30	<0.01	<0.01	<0.01	<10	<0.5	<10	300	<1	<10	<10	0.53
0400N 215E	39	4	43	10	1.65	1.71	3.24	<0.01	0.02	0.07	<10	<0.5	<10	390	3	<10	<10	0.07
0400N 250E	58	<1	25	10	1.82	1.75	2.21	0.01	0.07	0.11	<10	<0.5	<10	120	5	<10	<10	<0.01
0400N 300E	96	<1	20	<10	2.83	0.48	0.36	0.01	0.09	0.28	<10	0.5	10	610	3	<10	<10	0.01
0400N 350E	97	<1	21	<10	2.43	0.54	0.35	0.01	0.09	0.24	<10	<0.5	<10	350	3	<10	<10	<0.01
0400N 400E	96	<1	20	<10	2.00	0.48	0.40	0.01	0.12	0.22	<10	<0.5	<10	500	3	<10	<10	<0.01
0400N 450E	94	<1	26	<10	2.58	0.64	0.49	0.01	0.13	0.17	<10	<0.5	<10	620	4	<10	<10	0.01
0390N 490E	74	<1	16	<10	2.18	0.53	0.31	0.01	0.08	0.18	<10	<0.5	<10	710	2	<10	<10	<0.01

LEGEND

- Soil sample location
- 25 — Values shown in parts per million Copper
- – — Indicates value less than detection limit for element
- Copper values contoured at 30 ppm Cu

ATAN 1 T.N. 324672
ATAN 2 T.N. 324673
ATAN 3 T.N. 324674
ATAN 4 T.N. 324675
ATAN 5 T.N. 324676
ATAN 6 T.N. 324677
ATAN 7 T.N. 324678
ATAN 8 T.N. 324679

500E L20N L16N(1999) L15N L14N(1999) L12N(1999) L10N L06N(1999) L05N L04N(1999) L02N(1999) L00N 500E
BL00 500W BL00 400W
6563000N 6562000N 4980000E 4990000E 5000000E
2500

Atan Lake
Dease River

DRAWN:		May 5/1994
REVISION DATE	REVISED BY	REVISION
Oct.31/1994	RM	Soil.dat
Sept.27/1999	RM	Soil.dat
Path:		648\615_99.dwg

0°15' UTM Grid North True North

Topographic contour interval =100 feet

METRES
0 50 100 150 200 250 300 350

SCALE 1:5000

DISCOVERY Consultants

PREDATOR II SYNDICATE

ATAN LAKE PROPERTY
SOIL SAMPLING
COPPER VALUES

Location: McDame		Mining Jurisdiction: Liard	
Datum: NAD27	Map Ref.: 104P/03E	Scale: 1:5000	UTM: 9
Project: 649	Date: Sept.30/1999	Drawn By: RM	Figure: 3

LEGEND

- Soil sample location
- 25 — Values shown in parts per million Arsenic
- – — Indicates value less than detection limit for element
- Arsenic values contoured at 20 & 40 ppm As

ATAN 1
T.N. 324672

ATAN 2
T.N. 324673

ATAN 3
T.N. 324674

ATAN 4
T.N. 324675

ATAN 5
T.N. 324676

ATAN 6
T.N. 324677

ATAN 7
T.N. 324678

ATAN 8
T.N. 324679

500E L20N
BL00
500W
L16N(1999)
L15N
L14N(1999)
L12N(1999)
L10N
L06N(1999)
L05N
L04N(1999)
L02N(1999)
L00N
500E
BL00
400W

6563000N
6562000N
4980000E
4990000E
3000000E
3000000E
2500

Atan Lake
Dease River

DRAWN:		May 5/1994
REVISION DATE	REVISED BY	REVISION
Oct.31/1994	RM	Soil.dat
Sept.27/1999	RM	Soil.dat
Path:		648\615_99.dwg

0°15' UTM Grid North True North

Topographic contour interval =100 feet

METRES
0 50 100 150 200 250 300 350

SCALE 1:5000

DISCOVERY Consultants

PREDATOR II SYNDICATE

ATAN LAKE PROPERTY
SOIL SAMPLING
ARSENIC VALUES

Location: McDame		Mining Jurisdiction: Liard	
Datum: NAD27	Map Ref.: 104P/03E	Scale: 1:5000	UTM: 9
Project: 649	Date: Sept.30/1999	Drawn By: RM	Figure: 4

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

LEGEND

- Soil sample location
- 25 — Values shown in parts per million Barium
- – — Indicates value less than detection limit for element
- Barium values contoured at 375 ppm Ba

ATAN 1
T.N. 324672

ATAN 2
T.N. 324673

ATAN 3
T.N. 324674

ATAN 4
T.N. 324675

ATAN 5
T.N. 324676

ATAN 6
T.N. 324677

ATAN 7
T.N. 324678

ATAN 8
T.N. 324679

Atan Lake

Dease River

500E L20N BL00 L16N(1999) L15N L14N(1999) L12N(1999) L10N L06N(1999) L05N L04N(1999) L02N(1999) L00N 500E 500W 400W BL00

6563000N 6562000N 4980000E 4990000E 3000000E 3010000E

DRAWN:		May 5/1994
REVISION DATE	REVISED BY	REVISION
Oct.31/1994	RM	Soil.dat
Sept.27/1999	RM	Soil.dat
Path:		648\615_99.dwg

0°16' UTM Grid North True North

Topographic contour interval =100 feet

METRES

0 50 100 150 200 250 300 350

SCALE 1:5000

DISCOVERY Consultants

PREDATOR II SYNDICATE

ATAN LAKE PROPERTY
SOIL SAMPLING
BARIUM VALUES

Location: McDame		Mining Jurisdiction: Liard	
Datum: NAD27	Map Ref.: 104P/03E	Scale: 1:5000	UTM: 9
Project: 649	Date: Sept.30/1999	Drawn By: RM	Figure: 5

PROFESSIONAL ENGINEER I. H. HOLMES GEOSCIENTIST

GEOLOGICAL SURVEY BRANCH ASSESSMENT REPORT

23,107

LEGEND

- Soil sample location
- 25 — Values shown in parts per million Lead
- – — Indicates value less than detection limit for element
- Lead values contoured at 40 ppm Pb

ATAN 1
T.N. 324672

ATAN 2
T.N. 324673

ATAN 3
T.N. 324674

ATAN 4
T.N. 324675

ATAN 5
T.N. 324676

ATAN 6
T.N. 324677

ATAN 7
T.N. 324676

ATAN 8
T.N. 324679

500E L20N
BL00
L16N(1999)
L15N
L14N(1999)
L12N(1999)
L10N
L06N(1999)
L05N
L04N(1999)
L02N(1999)
L00N
500E
500W
BL00
400W

Atan Lake
Dease River

3000E
4000E
6563000N
6562000N

2500

DRAWN:		May 5/1994
REVISION DATE	REVISED BY	REVISION
Oct.31/1994	RM	Soil.dat
Sept.27/1999	RM	Soil.dat
Path:		648\615_99.dwg

0°15' UTM Grid North True North

Topographic contour interval =100 feet

METRES
0 50 100 150 200 250 300 350

SCALE 1:5000

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA T. H. CHESTER GEOSCIENTIST

DISCOVERY Consultants

PREDATOR II SYNDICATE

ATAN LAKE PROPERTY
SOIL SAMPLING
LEAD VALUES

Location: McDame		Mining Jurisdiction: Liard	
Datum: NAD27	Map Ref.: 104P/03E	Scale: 1:5000	UTM: 9
Project: 649	Date: Sept.30/1999	Drawn By: RM	Figure: 6

LEGEND

- Soil sample location
- 25 — Values shown in parts per million Zinc
- – — Indicates value less than detection limit for element
- Zinc values contoured at 125 & 160 ppm Zn

ATAN 1
T.N. 324672

ATAN 2
T.N. 324673

ATAN 3
T.N. 324674

ATAN 4
T.N. 324675

ATAN 5
T.N. 324676

ATAN 6
T.N. 324677

ATAN 7
T.N. 324678

ATAN 8
T.N. 324679

500E L20N BL00 L16N(1999) L15N L14N(1999) L12N(1999) L10N L06N(1999) L05N L04N(1999) L02N(1999) L00N 500E BL00 500W 400W

6563000N 6562000N 4980000E 4990000E 5000000E

Atan Lake

Dease River

DRAWN:		May 5/1994
REVISION DATE	REVISED BY	REVISION
Oct.31/1994	RM	Soil.dat
Sept.27/1999	RM	Soil.dat
Path:		648\615_99.dwg

0°15' UTM Grid North True North

Topographic contour interval =100 feet

METRES 0 50 100 150 200 250 300 350

SCALE 1:5000

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA T. H. CHESTER CONSULTING GEOSCIENTIST

DISCOVERY Consultants

PREDATOR II SYNDICATE

ATAN LAKE PROPERTY
SOIL SAMPLING
ZINC VALUES

Location: McDame		Mining Jurisdiction: Liard	
Datum: NAD27	Map Ref.: 104P/03E	Scale: 1:5000	UTM: 9
Project: 649	Date: Sept.30/1999	Drawn By: RM	Figure: 7

LEGEND

- Soil sample location
- 25 — Values shown in parts per million Antimony
- – — Indicates value less than detection limit for element
- Antimony values contoured at 6&12 ppm Sb

ATAN 1
T.N. 324672

ATAN 2
T.N. 324673

ATAN 3
T.N. 324674

ATAN 4
T.N. 324675

ATAN 5
T.N. 324676

ATAN 6
T.N. 324677

ATAN 7
T.N. 324678

ATAN 8
T.N. 324679

500E L20N
BL00
L16N(1999)
L15N
L14N(1999)
L12N(1999)
L10N
L06N(1999)
L05N
L04N(1999)
L02N(1999)
L00N
500E
BL00
400W
500W

4880000E
4890000E
6563000N
6562000N
2500

Atan Lake
Dease River

DRAWN:		May 5/1994
REVISION DATE	REVISED BY	REVISION
Oct.31/1994	RM	Soil.dat
Sept.27/1999	RM	Soil.dat
Path:		648\615_99.dwg

0°15' East of True North
UTM Grid North

Topographic contour interval =100 feet

METRES
0 50 100 150 200 250 300 350

SCALE 1:5000

PROFESSIONAL ENGINEER PROVINCE OF T. H. CARPENTER

DISCOVERY Consultants

PREDATOR II SYNDICATE

ATAN LAKE PROPERTY
SOIL SAMPLING
ANTIMONY VALUES

Location: McDame		Mining Jurisdiction: Liard	
Datum: NAD27	Map Ref.: 104P/03E	Scale: 1:5000	UTM: 9
Project: 649	Date: Sept.30/1999	Drawn By: RM	Figure: 8