

REPORT ON STREAM SEDIMENT SURVEY

TAT 1 TO 6 CLAIMS

LIARD MINING DIVISION

NTS 104J/8

LOG NO: 07-01	RD.
ACTION:	
FILE NO:	

LAT 58°26'

LONG 130°13'

OWNER

CHRIS W. GRAF, P. ENG.

WORK PERFORMED FROM JULY 31st TO AUGUST 12th 1990

REPORT BY

M. WASKETT-MYERS
GEOCHEMIST

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

20,756

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LOCATION MAP
OF
BRITISH COLUMBIA

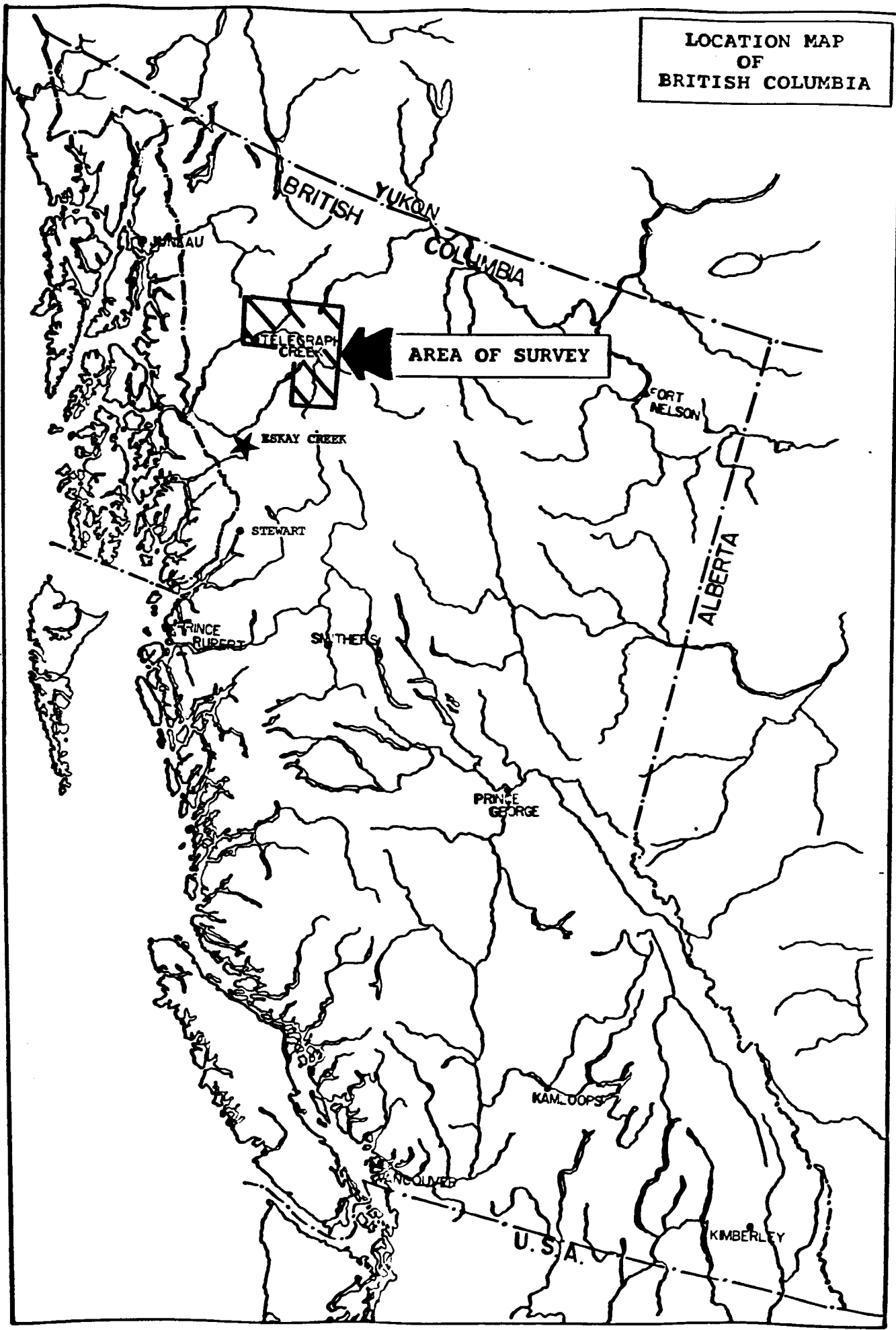


Plate 1

REPORT ON STREAM SEDIMENT GEOCHEMISTRY

TAT MINERAL CLAIMS

LIARD MINING DIVISION

1.00 SUMMARY

A helicopter supported, silt and heavy mineral sampling program was carried out on creeks flowing on and around the property.

A total of 10 sites were sampled, at which a silt and a heavy mineral sample were taken in each case for a total of 19 samples.

No high values were detected for either the silts or the heavy mineral samples.

Total expenditure for this survey was \$3487.67.

2.00 INTRODUCTION

2.10 Property definition

The Tat property is 100% owned by Chris W. Graf of Vancouver, British Columbia and consists of 118 units, 7290.04 acres. The work was performed by M. Waskett-Myers and N. Leach.

<u>Claim Name</u>	<u>Record No.</u>	<u>Number of Units</u>	<u>Expiry Date</u>
Tat 1	6822	20	February 22, 1991
Tat 2	6823	20	February 22, 1991
Tat 3	6824	18	February 24, 1991
Tat 4	6825	20	February 22, 1991
Tat 5	6826	20	February 24, 1991
Tat 6	6827	20	February 24, 1991

2.20 Location and access

The Tat property is located between the Tanzilla River and Tatcho Creek at about 9.5 kilometres west of the town of Dease Lake. Access is by helicopter from Dease Lake.

2.30 Topography and Vegetation

The topography is generally flat swampland with heavily wooded rolling hills. Elevations range from 1060 to 1270 metres. The vegetation varies from swamp grassland to dense forest of jack pine, alder, birch and scrub brush.

2.40 Objectives

The geochemical survey was undertaken to assess the potential for base and precious metal mineralization within the survey area.

3.00 **GEOCHEMISTRY**

3.10 Sampling Procedure

Sample sites were preselected in the office and 10 silt samples and 9 heavy mineral samples were taken in the field. At the sample site a sample of the stream silt was collected and put into a kraft paper bag. The heavy mineral sample was collected by screening, to -20 mesh, enough material to give a 3-5 kg sample. The heavy mineral samples were collected from parts of the stream where the water flow tended to slow down i.e. from high to low energy. Once collected, the heavies sample was put into a 6 mil plastic bag.

3.20 Heavy Mineral Concentration

To eliminate sample prep and reduce transportation costs; the heavies were concentrated at the helicopter base in Dease Lake. The concentration was carried out by use of a Gold Genie spiral concentrator. The resulting concentrate was sieved to - 40 mesh, dried, the magnetics were removed and the remaining sample placed in a plastic vial.

3.30 Analytical Procedure

All samples were sent to Min-En Labs in North Vancouver for analysis. The samples were analyzed for gold by means of fire assay with atomic absorption finish. Following the gold assay the samples were run for 12 elements (Ag, As, Cd, Co, Cu, Fe, Mn, Ni, Pb, Sb, Zn, Sn) using inductively coupled plasma (I.C.P.).

4.00 **CONCLUSIONS**

No values of any significance were detected in either the heavy mineral samples or the silt samples. No further work is recommended on this property.

LEGEND FOR GEOCHEMICAL MAPS

HEAVIES

▲ Au Greater than 20 ppb

■ As Greater than 10 ppm

● Zn Greater than 200 ppm

SILTS

▲ Au Greater than 10 ppb

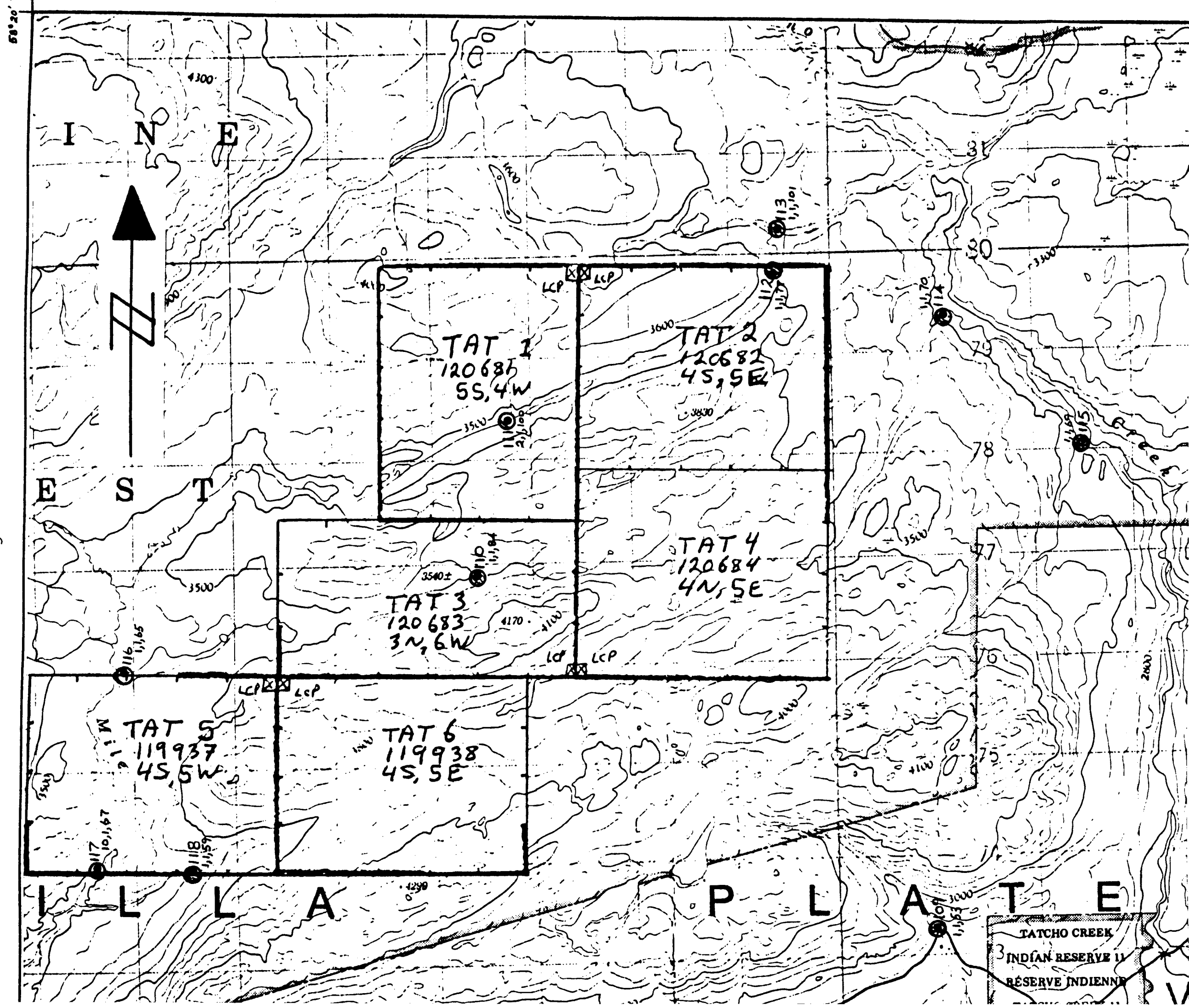
■ As Greater than 4 ppm

● Zn Greater than 200 ppm

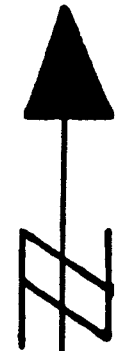


Alienated claims

-5-



I N E

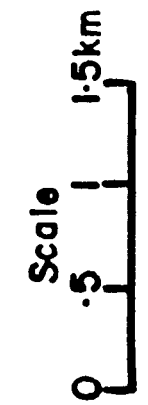


E S T

L L A P L A T E

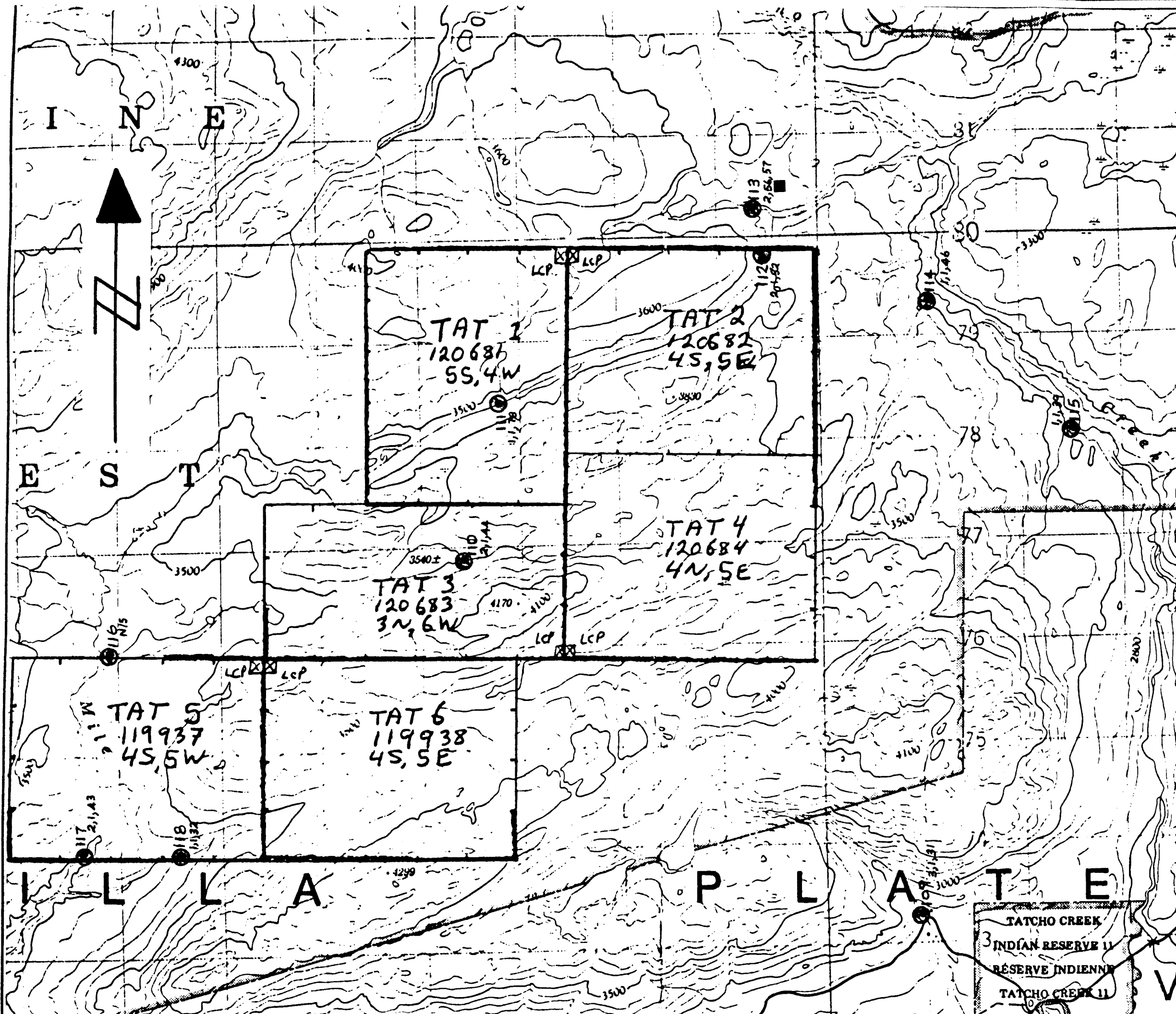
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STIKINE GOLD PROJECT
TAT CLAIMS
STREAM SILT GEOCHEM

• Sample site Au, As, Zn



Scale: 1:50,000 Date: SEP. 1990 Plate: 2

TATCHO CREEK
 INDIAN RESERVE 11
 RESERVE INDIENNE



• Sample site Au, As, Zn



ACTIVE MINERALS LTD
STIKINE GOLD PROJECT
TAT CLAIMS
HEAVY MINERAL GEOCHEM

Scale: 1:50,000

Date: SEP. 1990

Plate: 3

STREAM SILT ASSAY RESULTS

TAT CLAIMS

SAMPLE NAME	AG PPM	AS PPM	CD PPM	CO PPM	CU PPM	FE PPM	MN PPM	NI PPM	PB PPM	SB PPM	ZN PPM	SN PPM	AU PPB
DS109	1.7	1.0	0.1	14	26	35390	574	23	20	1.0	53	1.0	1.0
DS110	1.4	1.0	0.1	14	32	44320	1421	17	20	1.0	84	1.0	1.0
DS111	0.1	1.0	0.1	18	50	48370	6059	27	39	2.0	100	1.0	2.0
DS112	1.2	1.0	0.1	14	32	34170	915	16	17	1.0	77	1.0	1.0
DS113	1	1.0	0.1	17	62	43870	1963	34	17	1.0	101	1.0	1.0
DS114	1.4	1.0	0.1	15	27	35830	873	34	14	1.0	70	1.0	1.0
DS115	1.4	1.0	0.1	16	35	40200	1059	19	15	1.0	69	1.0	1.0
DS116	0.8	1.0	0.1	15	24	47710	3163	17	24	1.0	65	1.0	1.0
DS117	1.4	1.0	0.1	15	43	38660	722	21	18	2.0	67	1.0	10.0
DS118	2	1.0	0.1	15	25	33960	816	17	16	1.0	59	1.0	1.0

HEAVY MINERAL ASSAY RESULTS

TAT CLAIMS

SAMPLE NAME	AG PPM	AS PPM	CD PPM	CO PPM	CU PPM	FE PPM	MN PPM	NI PPM	PB PPM	SB PPM	ZN PPM	SN PPM	AU PPB
DH109	0.6	1	0.1	10	17	27020	345	19	20	1	31	1	3
DH110	0.7	1	0.1	11	12	26500	294	19	17	1	44	1	2
DH111	0.5	1	0.1	12	28	30270	643	14	35	1	78	1	1
DH112	0.8	1	0.1	12	15	27950	391	12	19	1	52	1	2
DH113	0.5	56	0.1	15	33	35540	517	25	23	1	57	1	2
DH114	0.8	1	0.1	14	20	35430	511	14	15	1	46	1	1
DH115	0.6	1	0.1	14	19	35740	475	12	18	1	39	1	1
DH117	0.7	1	0.1	14	39	35560	465	16	18	1	43	1	2
DH118	0.7	1	0.1	13	14	30050	388	17	24	1	32	1	1

EXHIBIT "A"
STATEMENT OF EXPENDITURES
STREAM SEDIMENT GEOCHEMISTRY
TAT 1-6 CLAIMS
LIARD MINING DIVISION

Salaries	M. Waskett-Myers	\$ 304.70
	N. Leach	156.25
Transportation	Air Fare	119.07
	Helicopter	2,214.10
	Car (incl. Gas)	85.55
Room and Board	Motel, Food	91.02
Analysis	Heavies (Prep., Gold, I.C.P.)	
	9 samples @ \$16.75/sample	150.75
	Silts (Prep., Gold, I.C.P.)	
	10 samples @ \$13.00/sample	130.00
Field Supplies	Sample Bags, Vials, etc.	9.86
Miscellaneous	Radios, Maps, Cab Fares, etc.	39.50
Report Preparation	Chris Graf	78.20
	M. Waskett-Myers	102.50
	Supplies, Photocopying	<u>6.17</u>
	TOTAL	<u>\$3,487.67</u>

M. WASKETT-MYERS, Geochemist

IN THE MATTER OF THE
B.C. MINERAL ACT
AND
IN THE MATTER OF A SOIL GEOCHEMISTRY PROGRAM
CARRIED OUT ON THE TAT 1 - 6 MINERAL CLAIMS
in the Liard Mining Division of the
Province of British Columbia

AFFIDAVIT

I, M. Waskett-Myers, of Delta in the Province of British Columbia, make oath and say:

1. That I am a Consultant Geochemist and as such, have a personal knowledge of the facts to which I hereinafter depose;
2. That annexed hereto and marked as Exhibit "A" to this my Affidavit is true copy of expenditures incurred on a Soil Geochemistry program, on the Tat mineral claims.
3. That the said expenditures were incurred between the 31st day of July, 1990 and the 12th day of August, 1990, for the purpose of mineral exploration on the above-noted claims.



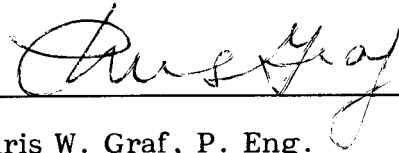
M. WASKETT-MYERS
Geochemist

ACTIVE MINERALS LTD.

STATEMENT OF QUALIFICATIONS

M. D. Waskett-Myers has worked in Mineral Exploration for the past twenty five years, principally in the field of geochemistry.

I consider him qualified to prepare this report.

A handwritten signature in cursive script, appearing to read "Chris W. Graf", is written over a horizontal line.

Chris W. Graf, P. Eng.
President