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GEOCHEMICAL & GEOLOGICAL

PROSPECTING REPORT

on

FILMED

J P GROUP

**SUB-RECORDER
RECEIVED**
DEC 7 1987
M.R. # _____ \$ _____
VANCOUVER, B.C.

LOCATED IN THE

NEW WESTMINSTER MINING DIVISION

NTS 92H/6E

49° 24'^{14"}N LATITUDE AND 121° ^{11'50"}~~12'~~W LONGITUDE

OPERATOR/ OWNED BY

JAKE PENNER **GEOLOGICAL BRANCH**
3803 W. 10th Ave. **ASSESSMENT REPORT**
VANCOUVER, B.C.
V6R 2E6

16,612

REPORT PREPARED BY

J. PAUL STEVENSON

October 7, 1987

*Amended
JPS*

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1.0 INTRODUCTION

The J P Claims are located near the town of Hope and are accessible via the Coquihalla Highway and logging roads. The claims straddle Sowaqua Creek and occupy steep mountainous terrain, covered by mature forest, logged second growth and are accessed by good logging roads. A four wheel drive vehicle is recommended but not necessary. The area involved was sampled along accessible areas either recent or very old, grown over road cuts. Some creeks were panned with no visible gold obtained. The property was examined by various prospectors and geologists over a period of 7 days. A total of 35 rock, soil and silt samples were taken.

1.1 LOCATION AND ACCESS

The J P Claim Group consisting of 52 mining claims in the New Westminster Mining Division, is located about 20 kilometers east of Hope, B.C. (fig 1&2). The claims are on map N.T.S. 92H-6E near 49° 24' N, 121° 12' W at an elevation of 1500 to 4000 meters.

Access to the property is readily facilitated by way of the Coquihalla Highway, and numerous logging roads which cross the claims.

1.2 LAND STATUS

The J P Claim Group consists of 52 metric units (fig 2)

Claim details are as follows:

<u>NAME</u>	<u>RECORD #</u>	<u>UNITS</u>	<u>EXPIRY</u>
JP	2957	12	8/12/87
JP I	2958	8	8/12/87
JP II	2959	12	8/12/87
JP III	2960	20	8/12/87

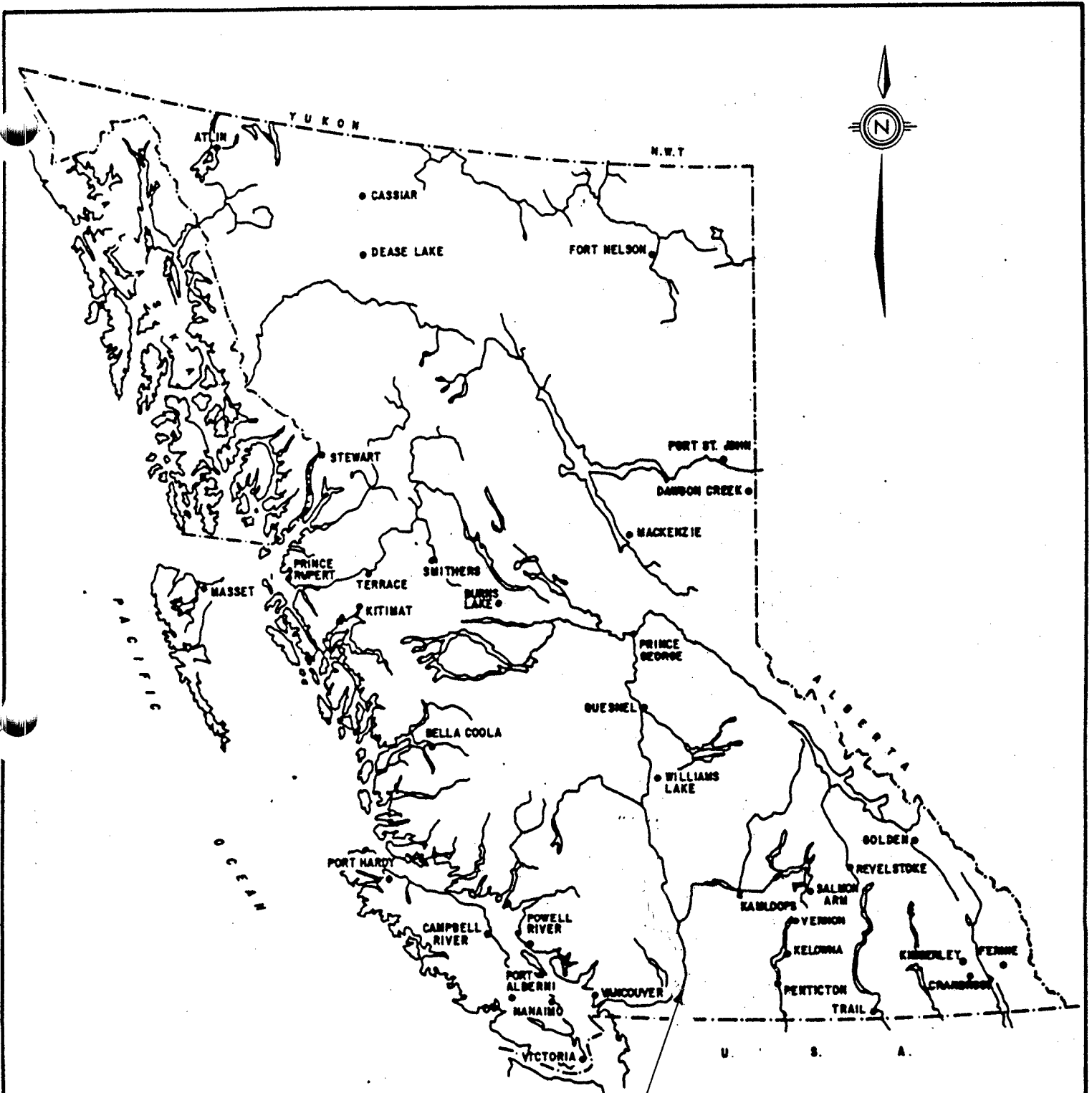
PROPERTY GEOLOGY

The geology of the J P Claims can be divided into two primary groups: the Lower and Middle Jurassic Ladner Group which underlies the central and eastern half of the claims, and Ultramafic rocks of indeterminate age which underlie the western half of the claim group.

Lithologically, the Ladner Group consists of pelite and volcanic sandstone. Of more interest are the ultramafic rocks which consist of serpentinite, serpentized peridotite and pyroxenite.

MINERALIZATION

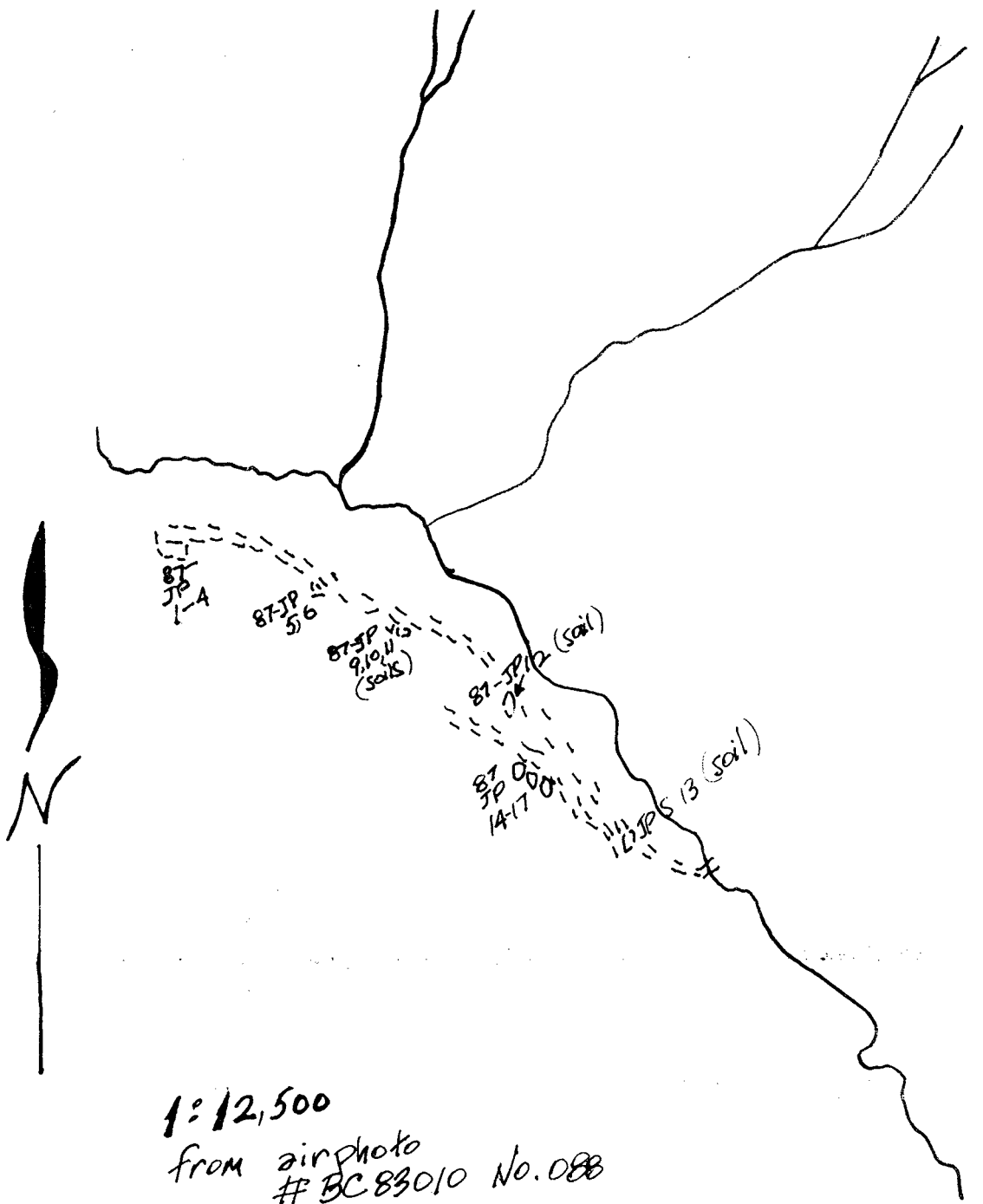
Prospecting, concentrating on the western half of the claim group uncovered sulphide mineralization (pyrite) within 0.2m - 2.0m wide shears hosted in ultramafic rocks, mostly serpentized pyroxenite. These shears were usually infilled by quartz-calcite-graphite ± pyrite.



J P CLAIM GROUP

Figure 1

J P CLAIM GROUP
LOCATION MAP



1:12,500

from airphoto
BC 83010 No. 088

ROCK SAMPLE DESCRIPTION

87 - JP - 1 - 4	Sheared dark green, smooth pyroxenite some calcite
87 - JP - 5 - 6	Sheared blue-green pyroxenite, some calcite, some disseminated py shear strikes 025°, dips 77° NW
87 - JP - 7	Limonitized quartz
87 - JP - 8	Similiar to samples 1-4
87 - JP -9,10,11	Soil from Outcrop area
87 - JP - 12	Quartz vein, bull quartz .4M wide
87 - JP - 13	Soil from road bank
87 - JP - 14,15	Quartz - calcite py in a 2M wide shear
87 - JP - 16	1 M shear, quartz



LEGEND

- 1 - Lower and middle Jurassic
Ladner Group
(Pelite, Volcanic Sandstone)
- 2 Ultramafic rocks
a) serpentized peridotite
b) pyroxenite
- ~ Fault
- X Sample Location

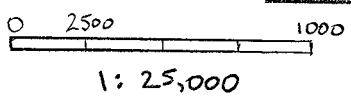
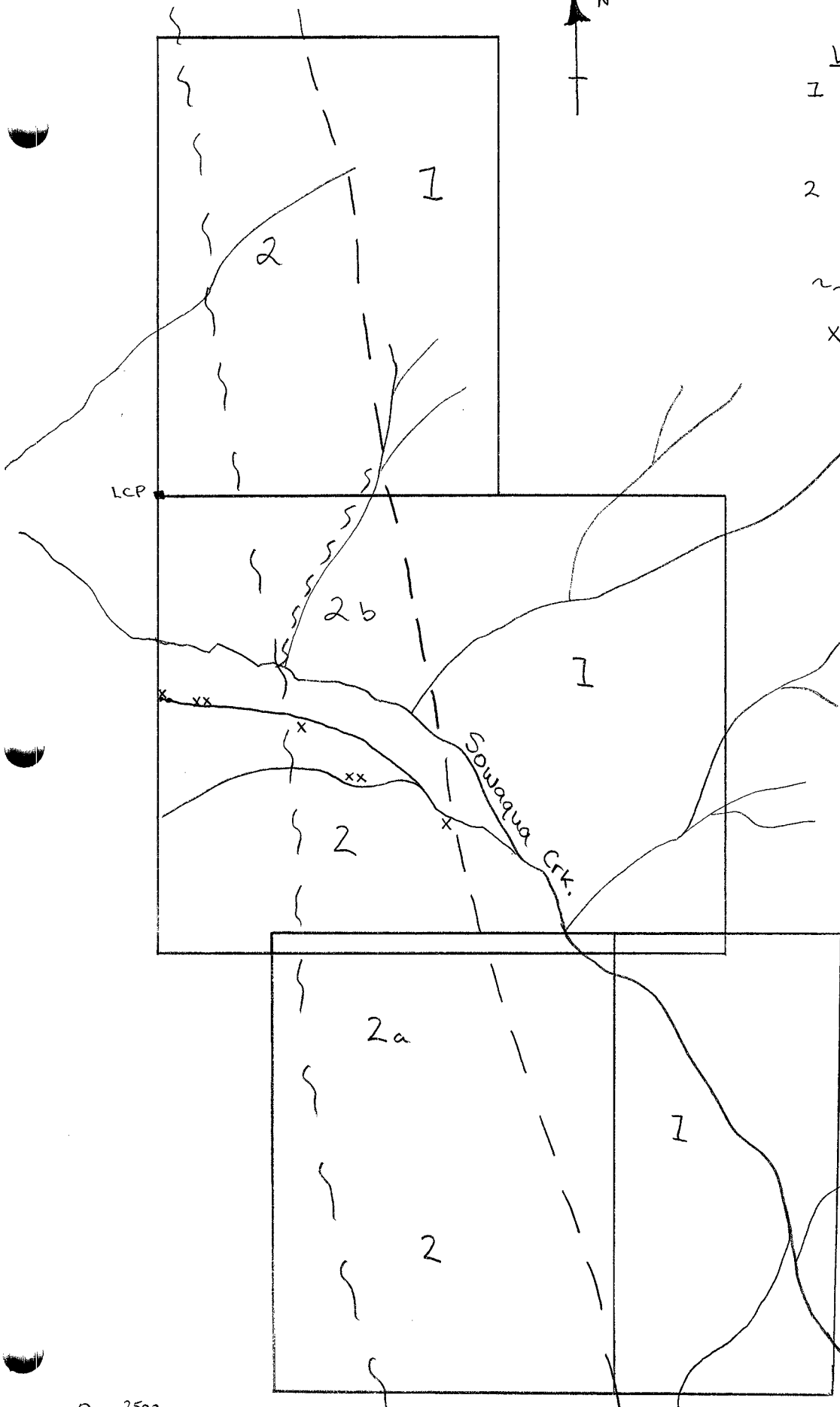


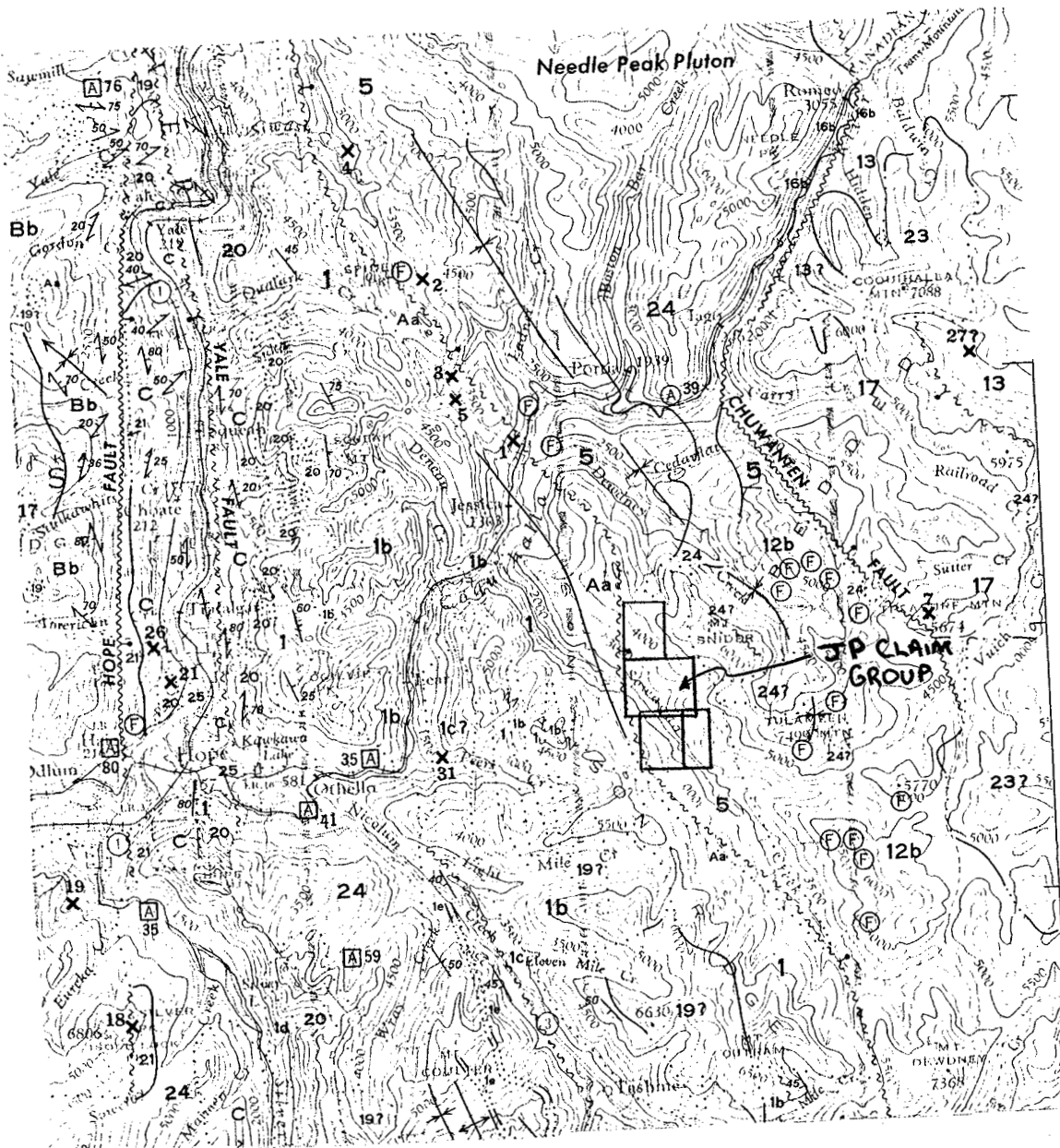
Fig 2

JP CLAIM GROUP

Map Sheet: 92H/6E

Scale: 1:25,000

Date: 2/12/87



Legend

- Aa - Ultramafic rock
serpentinite, serpentinized peridotite
- 5 - Pelite, volcanic sandstone - Ladner Group
- ~~~~~ - Fault

Fig. 3

JP CLAIM GROUP
Regional Geology Scale: 1:250,000
JPS

PROSPECTING

During the course of the prospecting programme, a total of 35 rock, soil and silt samples were taken. Due to the J P Claim Group's proximity to the Carolin Mine, it was hoped that a similar environment for gold mineralization could exist on the J P claims. As well, due to the large belt of ultrabasic rocks which run in a northern trend through the western half of the claim block, it was hoped that some potential for platinum group metals could exist.

All soils collected were taken from a well-developed B-horizon using a geological hammer, and stored in a standard Kraft bag. Some well-drained creeks were panned, and heavy mineral samples taken where appropriate. A number of rock samples were also taken along the strike of mineralized shears and some mineralized float was also sampled.

RESULTS OF PROSPECTING

All samples taken were sent in to Acme Analytical Laboratories in Vancouver, B.C., and were assayed utilizing geochemical JCP analysis.

Results for all important and indicator elements were relatively low and somewhat disappointing. Only very low gold geochem values were encountered, and values for platinum group metals failed to show any anomalous trends.

4.0 REFERENCES

G.S.C., Map 12-1969, Geology Hope (West Half), British Columbia,
Paper 69-47.

5.0 CERTIFICATION

I J. Paul Stevenson, of the City of Vancouver, Province of British Columbia, hereby certify as follows:

- (1) I am a prospector residing at 6020 Kathleen Ave., Burnaby, B.C., and with an office at #618-475 Howe Street, Vancouver, B.C.
- (2) I have practised mining exploration for 22 years in the Province of British Columbia, the Yukon Territory, and the Western United States.
- (3) I have no interest, direct or indirect, in the J P Claim Group.
- (4) This report is based on an examination of the J P Claim Group, together with a review of pertinent data.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'J. Paul Stevenson', with a long horizontal line extending to the right.

J. Paul Stevenson

6.0 APPENDICES

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: P1-SOIL/SILT P2-3 ROCK AU8 ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: SEPT 17 1987 DATE REPORT MAILED: *Oct 5/87* ASSAYER: *D. Toye*...DEAN TOYE, CERTIFIED B.C. ASSAYER

JAKE PENNER PROJECT-J.P. GROUP File # 87-4263 Page 1

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AU8
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPM
J.P. 6KM	1	34	4	154	.2	27	12	856	3.69	23	5	ND	1	18	2	4	2	48	.39	.046	5	34	.83	53	.07	2	1.48	.03	.04	1	4
J.P. 6.3KM	2	49	12	202	.2	81	17	1565	3.99	39	5	ND	2	21	2	3	2	52	.34	.050	7	46	.93	70	.08	2	1.53	.03	.06	1	7
J.P. 6.6KM	1	30	9	111	.2	52	10	568	3.14	25	5	ND	2	20	1	4	2	52	.34	.035	7	45	.83	75	.08	6	1.46	.04	.05	1	5
J.P. 6.8KM	2	49	12	167	.2	26	15	1086	4.25	42	5	ND	2	35	2	3	2	58	.74	.054	5	34	.87	98	.08	4	1.73	.07	.09	1	9
J.P. 7.18KM	1	42	23	156	.2	322	16	827	4.01	31	5	ND	3	29	1	2	2	67	.46	.046	7	96	1.07	83	.09	8	1.88	.07	.10	1	5
J.P. 7.38KM	1	50	29	195	.4	215	20	876	4.51	44	5	ND	2	25	2	2	2	68	.35	.059	6	85	1.02	84	.09	6	2.44	.06	.10	1	5
J.P. 9KM	2	293	95	386	1.9	103	47	2252	6.24	66	5	ND	2	13	3	3	2	47	.27	.092	11	50	.70	63	.04	2	3.19	.03	.03	1	34
J.P. 10KM	1	157	33	243	.9	56	31	1272	4.61	44	5	ND	2	14	2	3	2	49	.26	.058	9	39	.62	64	.06	2	2.52	.03	.05	1	13
J.P. 11KM	1	143	39	388	.7	72	20	863	4.06	42	5	ND	3	23	2	2	2	52	.54	.049	10	43	.70	49	.07	2	2.30	.04	.05	3	15
J.P. 13KM	9	107	23	563	.8	150	33	2400	9.60	34	5	ND	3	14	8	2	2	56	.38	.081	18	38	.53	80	.04	8	2.49	.03	.04	2	9
J.P. 18KM	46	130	180	641	2.6	235	30	2682	6.85	216	5	ND	3	13	7	21	2	52	.43	.125	17	49	.89	69	.04	10	2.76	.03	.03	2	85
J.P. 19KM	38	89	45	461	1.6	151	15	1638	5.45	129	5	ND	3	12	4	15	2	59	.23	.084	12	38	.59	77	.06	2	2.43	.03	.04	5	54
J.P.X. 6.23KM	1	40	4	121	.1	458	25	697	4.69	18	5	ND	1	16	1	2	4	48	.44	.038	4	353	6.33	25	.05	18	1.51	.04	.03	2	6
J.P.X. 7KM	2	52	6	168	.2	166	20	900	4.47	28	5	ND	2	26	2	2	2	47	.75	.048	6	96	1.86	46	.05	10	1.74	.05	.05	1	5
J.P.X. 7.945KM	1	30	16	127	.2	22	12	686	3.84	26	5	ND	2	43	1	2	2	69	.65	.049	4	27	.73	64	.10	8	1.56	.10	.10	2	2
J.P.X. 8.31KM	2	24	5	109	.1	41	8	626	3.30	13	5	ND	2	35	1	3	2	55	.78	.047	6	51	1.23	56	.10	5	1.61	.06	.08	1	5
STD C/AU-S	18	57	38	132	7.4	67	27	1034	3.73	37	19	7	39	50	18	18	23	57	.45	.086	38	58	.84	181	.08	37	1.76	.08	.12	12	50

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6.1

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN FE CA P LA CR HG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: Rock Chips AU## PT## PD## RH## BY FA-MS.

DATE RECEIVED: SEPT 17 1987

DATE REPORT MAILED: Oct 5/87

ASSAYER: *D. Toye*...DEAN TOYE, CERTIFIED B.C. ASSAYER

JAKE PENNER PROJECT-J.P. GROUP File # 87-4263 Page 2

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	HG	BA	TI	B	AL	NA	K	W	AU##	PT##	PD##	RH##
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB	PPB	PPB	PPB
87-JP-1	1	7	4	20	.1	1892	65	413	3.52	4	5	ND	1	1	1	2	3	21	.02	.002	2	927	20.37	1	.01	119	.36	.01	.01	2	5	9	11	2
87-JP-2	1	13	3	21	.1	1813	63	463	3.36	2	5	ND	1	2	1	2	2	21	.07	.002	2	1020	20.04	1	.01	111	.32	.01	.01	2	3	8	11	2
87-JP-3	1	19	6	23	.1	1873	63	470	3.76	4	5	ND	1	2	1	2	3	18	.04	.003	2	1060	20.76	1	.01	128	.29	.01	.01	3	2	6	10	2

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AU#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPM
87-JP-4	1	37	2	18	.1	1119	44	477	3.53	2	5	ND	1	3	1	2	2	81	2.33	.002	2	932	16.01	1	.02	72	.85	.01	.01	2	14
87-JP-5	1	63	48	199	1.1	45	13	1048	3.63	13	5	ND	1	226	1	2	2	33	9.30	.040	3	36	1.34	13	.01	3	1.42	.03	.03	1	1
87-JP-6	1	49	4	63	.4	18	8	603	2.54	5	5	ND	1	326	1	2	2	31	14.45	.023	2	24	.96	8	.01	2	1.47	.01	.03	1	6
87-JP-7	1	11	5	16	.3	7	3	210	.93	3	5	ND	1	27	1	2	2	10	1.16	.008	2	6	.28	2	.01	4	.39	.02	.01	1	18
87-JP-8	3	49	7	174	.5	17	9	429	4.07	2	5	ND	2	16	1	2	2	27	.26	.050	4	13	.58	20	.10	3	1.42	.05	.05	1	1
87-JP-12	1	11	3	16	.1	6	2	279	.63	2	9	ND	1	1	1	2	2	3	.03	.004	2	4	.07	9	.01	4	.14	.01	.01	1	1
87-JP-14	3	102	298	1466	2.0	21	12	1096	5.01	1390	5	ND	1	91	18	13	2	27	4.16	.031	2	13	.75	40	.01	3	1.77	.06	.06	1	2
87-JP-15	8	37	132	209	1.1	16	7	942	4.60	69	5	ND	1	192	2	3	2	30	6.57	.023	2	14	.74	33	.01	3	1.69	.05	.04	1	5
87-JP-16	2	25	6	70	.4	12	6	672	2.03	6	5	ND	1	293	1	3	2	10	16.37	.015	2	5	.32	19	.01	6	.62	.01	.03	1	24
87-JP-17	33	72	69	360	1.0	78	13	2717	6.01	52	5	ND	3	20	6	11	2	43	.47	.137	11	10	.84	73	.03	4	1.69	.06	.08	2	12
J.P.R. 6.96KM	3	85	17	174	.4	27	10	925	6.48	7	5	ND	1	31	1	2	2	25	1.54	.033	5	10	.75	29	.05	4	1.90	.07	.06	1	2
J.P.R.#1 7.55KM	3	67	15	146	.4	15	6	659	5.37	41	5	ND	2	61	1	2	2	128	1.41	.059	3	26	.76	81	.17	2	3.84	.36	.24	1	1
J.P.R.#2 7.55KM	6	44	11	82	.4	13	8	500	4.73	32	5	ND	2	52	1	2	2	72	.60	.049	3	20	.80	93	.15	2	2.37	.21	.27	2	4
J.P.R.#3 7.55KM	2	38	9	107	.4	36	12	643	5.16	29	5	ND	2	42	1	2	2	84	.57	.046	3	95	1.46	104	.12	2	3.23	.18	.26	1	3
J.P.R. 8.2KM	3	64	22	421	.4	15	10	771	5.43	8	5	ND	2	99	4	4	2	67	1.13	.029	2	20	1.33	32	.11	2	4.46	.27	.08	1	1
J.P.R. BUDGE	2	55	3	36	.3	15	11	267	3.51	11	5	ND	3	13	1	2	2	59	.18	.024	2	17	.99	102	.15	3	1.79	.09	.63	2	1
STD C/AU-R	18	59	37	134	7.3	67	27	1035	3.76	39	18	7	39	50	18	17	23	58	.45	.085	38	59	.85	179	.08	36	1.77	.08	.13	12	520

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STATEMENT OF COSTS

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Two men at \$200.00 for 4 Days (panning)	\$1600.00
Three men at \$200.00 for 2 Days (Sampling and Prospecting)	\$1200.00
Motel	\$560.00
Meals	\$280.00
Assays	\$445.00
Fuel	\$350.00
Report Prep	\$300.00
Vehicle (7 Day X \$80.00)	\$560.00
	=====
Total:	\$5295.00