Jack 1, 2, 3, 4, Claim Group

Report On

Prospecting / Geochemical Sampling Programs

Kamloops Mining Division

Location

NTS 92 I / 4E
Lat 50 degrees 04' 30 degrees N
Long 121 degrees 37' 30 degrees W

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Owner:

Pacific Talc Ltd.
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January 1998

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Introduction

The authors were commisioned by Frank Anderson, the President of Pacific Talc Ltd., to carry out a mineral exploration program, sufficient to cover the annual assessment costs on the Jack 1, 2, 3, 4 claims in the Kamloops mining district.

A limited program of stream geochemical sampling and prospecting was carried out on the Jack claims in September and October 1997. A total of 61 samples were taken over the period of work which consisted of two persons with 10 man days on the property. The object of this program was to attempt was to outline precious metals mineralization on the property. The Jack claim group covers a large body of talc-magnesite-chlorite-dolomite rock. This alteration assemblage is often associated with mesothermal gold-bearing veins. Paired pan-concentrate and silt samples were taken from streams throughout the property and logging roads were prospected for quartz veins and silicified shear zones

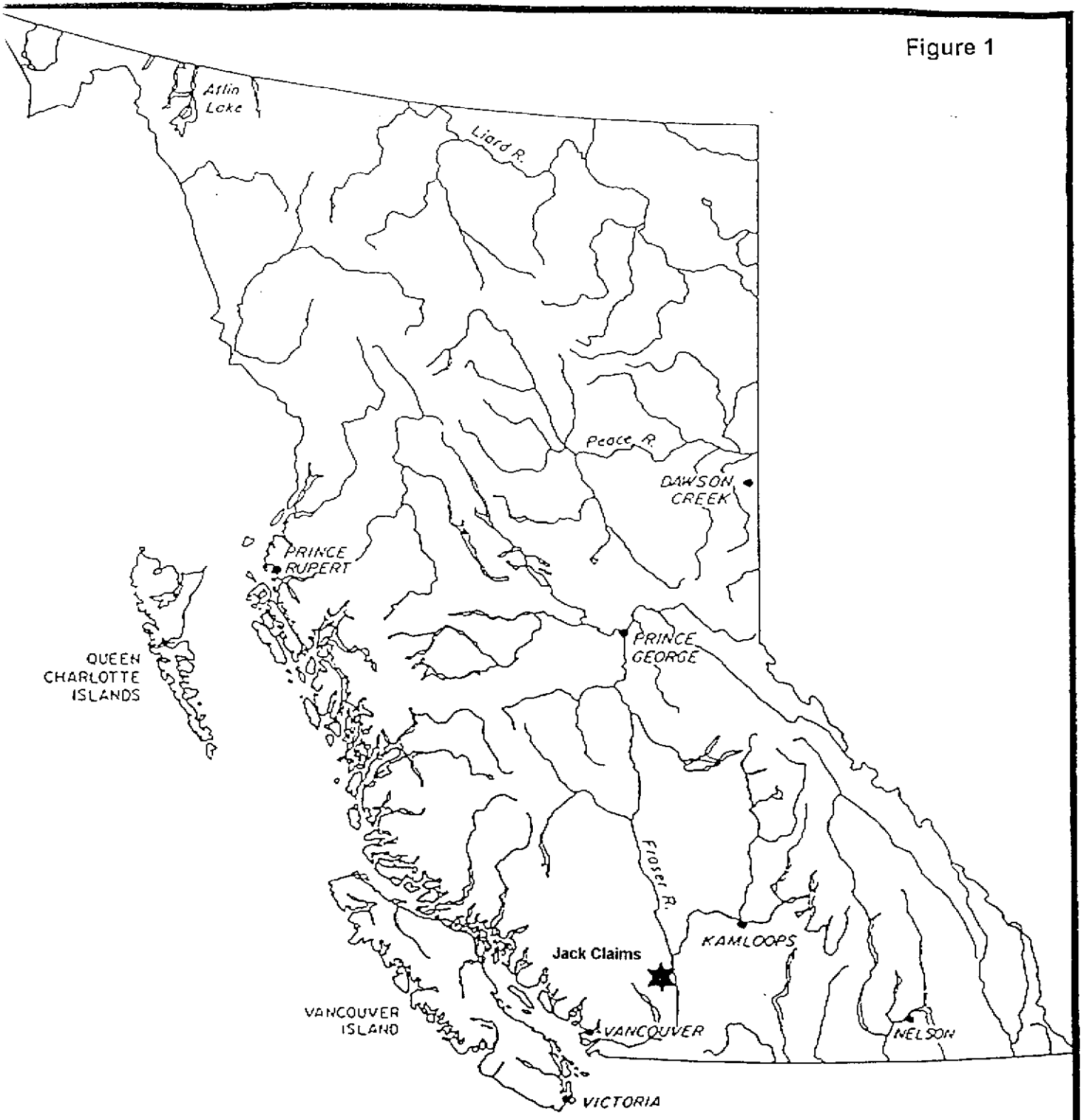
Location and Access

The claims are located approxiamately 155km northwest of Vancouver, B.C. 25km north of Boston Bar in the Kamloops mining district, immediately west of the Fraser River and north of the Nahatlach River. Access to the claims is by approximately 18 km of logging road, north west of North Bend, B.C. J.S. Jones Timber Ltd. maintains the gravel logging road, the 4 Barrel mainline 300, an active logging road that provides good four wheel drive access to the claims. The topography is rugged with high relief and the area was actively logged some 20 years before and as such most of the properties streams are choked with debris from logging activity. The property consists of some clearcut areas, as well as heavily forested areas with mature Fir and Pine as the main tree.

History

The Jack claims were first staked in 1992 when talc was exposed during logging road construction. The property was staked on the basis of its potential to host an economic talc ore body. The first work done on the property consisted of prospecting the logging roads for further evidence of talc mineralization, this is believed to be the only work done on the property to date.

Figure 1



Scale

100 0 100 200 300

(km)

FIGURE 1

PACIFIC TALC LTD.

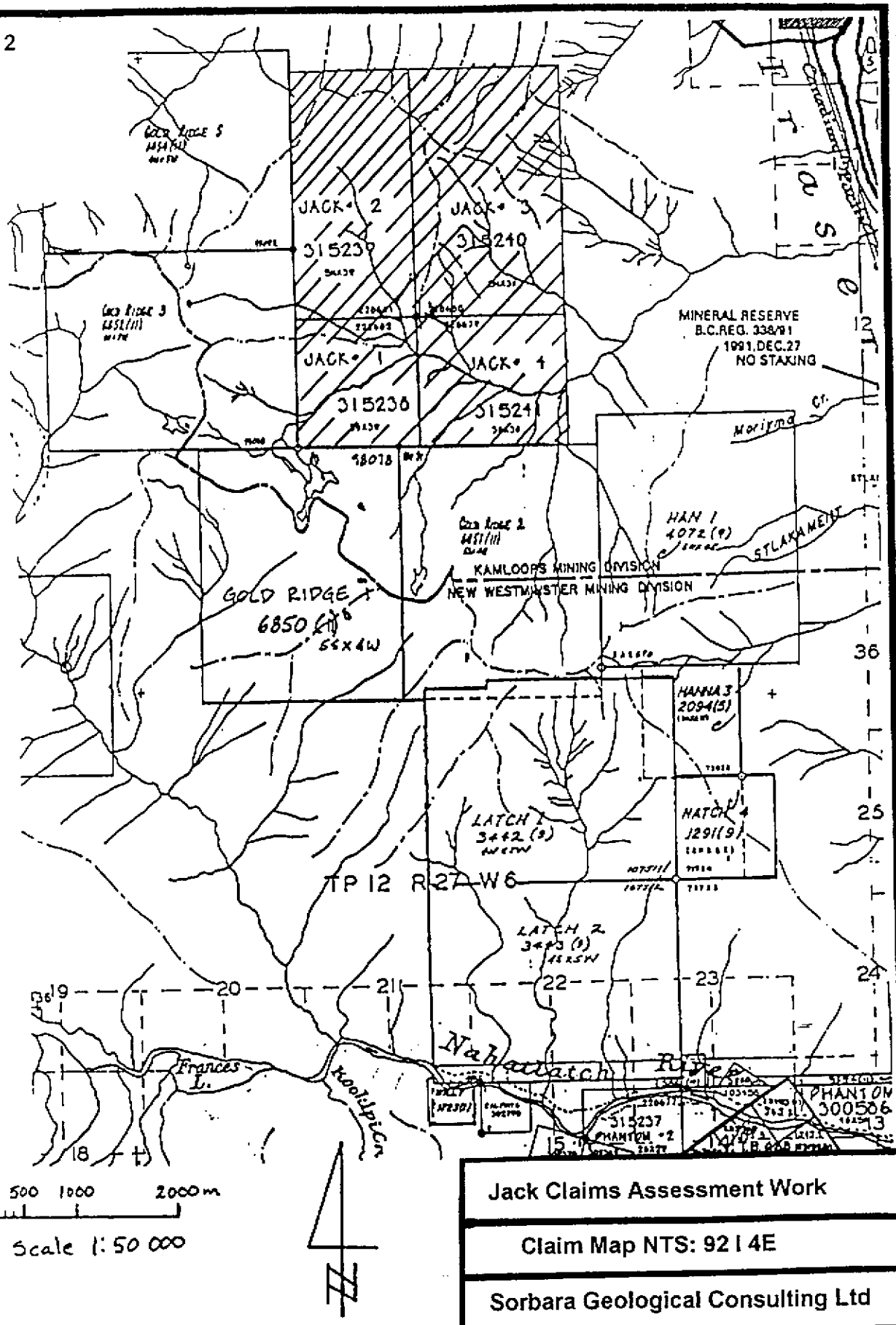
General Location Map

Jack Claim Group

Sorbara Geological Consulting Ltd.

December 1997

Figure 2



Jack Claims Assessment Work
Claim Map NTS: 92 I 4E
Sorbara Geological Consulting Ltd
January 1998

FIGURE 2

PROPERTY GEOLOGY

The region of the Jack group is underlain by strongly schistose chlorite, graphite, and quartzose phyllite correlative to Stone sequences of the middle and early Jurassic Ladner Group. A number of discontinuous elongate Jurassic intrusives comprising hornblende diorite, quartz diorite and amphibolite are mapped in the northern sections of the phyllite sequences and immediately southwest of North Bend. Though none are mapped on the property, the general trend of these mafic intrusives cross the property. Granodiorite of the Tertiary Scuzzy Pluton borders the phyllite unit on the southwest and intrudes it in several locations.

REGIONAL GEOLOGY

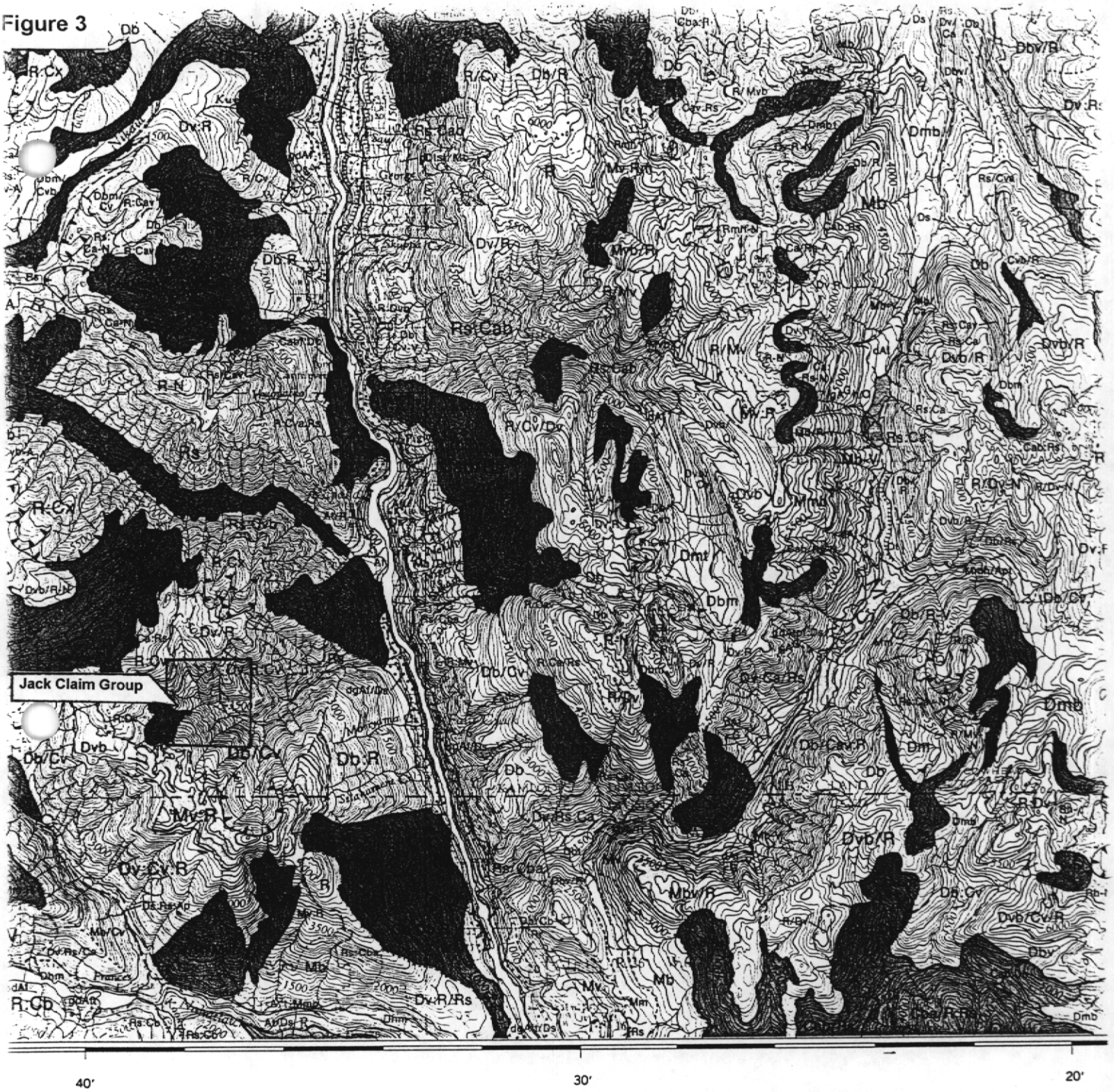
The talc mineralization is typically hosted in or immediately adjacent to a regionally northwest-southwest trending belt of serpentinized utramafic rock. The ultramafic belt is semi- continous faulted structure that can be traced for some 32 km along strike. It is in fault contact with volcanic greenstones and sedimentary schists and phyllites. This complex is believed to be an alpine type metamorphic terrane which is lithologicaly equivalent to Bridge River Complex of Permian to Jurassic age. (J.W.H. Monger 1980-82)

The belt now forms part of a roof pendent which is enclosed on three sides by Cretaceous age granites and granodiorites of the Coast Range Mountains. The southern extension of the belt is terminated by the Fraser River Fault system. The talc deposit on the Jack property is believed to be altered products of the magnesium-rich, serpentinized ultra mafic rocks. (D.G. Cardinal 1992)

TOPOGRAPHY AND WEATHER

The terrain in the claim area is of high relief with slopes ranging from moderate to rugged coming up from the Nahatlach River Valley. Elevations range from 150m to 2300m above sea level. The climate is mild with occassional intense cold periods, the area being influenced by a mixture of the coastal weather and the interior conditions. The Fraser Valley forms a natural channel for southerly movements of cold arctic air while the Nahatlach Valley permits warm moist air from the coast to penetrate the interior. This valley forms the boundary to a climatic zone: the northern side of the river and north to Lytton are semi-arid, low rainfall areas. (Perston 1979)

Figure 3



Devonian (Dv) = Stone sequences
early Jurassic Ladner group

MAP 1511A

SURFICIAL GEOLOGY

LYTTON

WEST OF SIXTH MERIDIAN

BRITISH COLUMBIA

Scale 1:126 720

1 inch to 2 miles

Kilometres 3 0 3 6 9 Kilometres

FIGURE 3

Conclusions

The work carried out on the Jack claims produced one anomalous pan-concentrate, M349747 with 0.195 milligram of contained gold. This sample was taken in an area of the creek that exhibited considerable iron oxide staining as well as a quartz vein that was 1m in length.

Recommendations

This program was a small cursory investigation into the properties potential to host precious metals mineralization. A more extensive geochemical sampling program of the property would enhance the knowledge of its potential to host precious metals. The authors would recommend Pacific Talc Ltd. conduct a series of small scale geochemical programs to explore the full mineral potential of the Jack claims, particularly the area of sample M349747, which should be thoroughly prospected and sampled.

Respectfully Submitted,

Daivid St. Clair Dunn P. Geo

J.B. Delaney F.M.

Bibliography

Cardinal, D.G.	(1992) Goldridge Claims Assessment Report
Chamberlain, J.A.	(1973) Geologic Report "H" Claims Nahatlach Area, B.C. Department of Mines & Petroleum
Froc, Neil	(1993) Jack Claims Assessment Report
Monger, J.W.H.	(1980- 82) Bedrock Geology of Ashcroft 92 I Map Area scale 1:125 000 G.S.C.
Perston, John W.	(1979) J and J Claims Assessment Report

Appendix A

Appendix A

Chemex Labs Ltd.

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Page Number : 1
Total Pages : 1
Certificate Date: 13-NOV-97
Invoice No. : 19750158
P.O. Number :
Account : NRD

CERTIFICATE OF ANALYSIS A9750158

SAMPLE	PREP CODE		Au FA mg	fusion wt. gm
Phantom Group Sample → M349709	235	--	< 0.002	49.47
M349712	235	--	0.022	10.60
M349714	235	--	0.002	14.98
M349716	235	--	< 0.002	16.26
M349718	235	--	0.016	33.36
M349720	235	--	< 0.002	22.04
M349722	235	--	0.046	64.44
M349724	235	--	0.003	51.85
M349726	235	--	< 0.002	18.71
M349728	235	--	0.032	20.07
M349730	235	--	0.013	10.62
M349733	235	--	< 0.002	6.78
M349735	235	--	< 0.002	20.63
M349737	--	--	NotRcd	NotRcd
M349739	235	--	< 0.002	17.47
M349741	235	--	< 0.002	7.02
M349744	235	--	< 0.002	5.19
M349747	235	--	0.195	2.93
M349749	235	--	< 0.002	3.77
M590401	235	--	0.018	3.31
M590403	235	--	< 0.002	1.05
M590405	235	--	< 0.002	1.35
M590407	235	--	0.005	7.94
M590409	235	--	< 0.002	3.39
M590411	235	--	< 0.002	7.86
SPECIMEN FEEDER	235	--	< 0.002	0.50

CERTIFICATION:

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Page Number : 1-B
Total Pages : 1
Certificate Date: 18-NOV-97
Invoice No. : I9750063
P.O. Number :
Account : NRO

CERTIFICATE OF ANALYSIS A9750063

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
Phantom Core sample → M349708	205	226	< 1	0.03	30	630	< 2	2	5	18	0.12	< 10	< 10	68	< 10	60
M349713	205	226	< 1	0.03	40	810	2	< 2	5	37	0.20	< 10	< 10	67	< 10	62
M349714	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
M349715	205	226	< 1	0.03	45	410	2	2	4	19	0.11	< 10	< 10	44	< 10	52
M349717	205	226	< 1	0.03	42	780	< 2	< 2	5	28	0.16	< 10	< 10	66	< 10	62
M349719	205	226	< 1	0.01	53	820	< 2	< 2	4	26	0.17	< 10	< 10	72	< 10	62
M349721	205	226	< 1	0.02	41	850	< 2	< 2	4	29	0.13	< 10	< 10	53	< 10	58
M349723	205	226	< 1	0.05	40	860	< 2	< 2	4	36	0.19	< 10	< 10	61	< 10	56
M349725	205	226	1	0.03	46	910	2	< 2	5	42	0.22	< 10	< 10	79	< 10	62
M349727	205	226	< 1	< 0.01	45	660	8	< 2	7	24	0.21	< 10	< 10	75	< 10	78
M349729	205	226	< 1	0.01	121	870	< 2	< 2	4	22	0.12	< 10	< 10	47	< 10	54
M349731	205	226	< 1	0.03	51	730	< 2	< 2	5	33	0.17	< 10	< 10	56	< 10	56
M349732	205	226	< 1	< 0.01	74	650	< 2	2	7	41	0.19	< 10	10	63	< 10	72
M349734	205	226	< 1	< 0.01	71	700	< 2	< 2	7	34	0.20	< 10	< 10	68	< 10	78
M349736	205	226	< 1	0.01	69	680	< 2	2	6	37	0.18	< 10	< 10	58	< 10	70
M349738	205	226	< 1	0.01	70	650	< 2	< 2	5	31	0.16	< 10	< 10	57	< 10	64
M349740	205	226	< 1	0.02	58	1700	< 2	< 2	5	36	0.14	< 10	< 10	59	< 10	96
M349742	205	226	1	0.01	49	1250	< 2	< 2	4	34	0.17	< 10	10	58	< 10	78
M349745	205	226	< 1	0.01	59	670	2	2	6	31	0.15	< 10	< 10	60	< 10	80
M349748	205	226	< 1	0.01	47	630	< 2	< 2	6	27	0.16	< 10	< 10	58	< 10	74
M349750	205	226	< 1	< 0.01	56	720	< 2	2	8	46	0.18	< 10	< 10	68	< 10	84
M590402	205	226	< 1	< 0.01	65	690	< 2	2	8	38	0.18	< 10	< 10	69	< 10	84
M590404	205	226	< 1	< 0.01	68	660	< 2	< 2	6	29	0.21	< 10	< 10	62	< 10	72
M590406	205	226	1	0.02	257	670	6	< 2	10	35	0.11	< 10	< 10	79	< 10	98
M590408	205	226	< 1	0.02	61	450	< 2	< 2	4	21	0.13	< 10	< 10	50	< 10	62
M590410	205	226	< 1	0.02	51	420	2	2	3	17	0.10	< 10	< 10	45	< 10	56
M590412	205	226	< 1	0.05	70	450	2	< 2	4	25	0.13	< 10	< 10	52	< 10	60

CERTIFICATION: Ronald Sucha

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Certificate Date: 18-NOV-97
Invoice No. : I9750063
P.O. Number :
Account : NRD

CERTIFICATE OF ANALYSIS A9750063

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
M349708	205	226	< 5	< 0.2	2.03	22	100	< 0.5	< 2	0.48	< 0.5	11	131	25	3.22	< 10	< 1	0.23	< 10	1.03	400
M349713	205	226	< 5	< 0.2	1.91	44	110	< 0.5	< 2	0.69	< 0.5	14	180	19	4.01	< 10	< 1	0.20	10	1.17	485
M349714	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
M349715	205	226	< 5	< 0.2	1.38	118	70	< 0.5	< 2	0.39	< 0.5	9	139	14	2.33	< 10	< 1	0.14	< 10	0.91	410
M349717	205	226	< 5	< 0.2	1.87	62	70	< 0.5	< 2	0.57	< 0.5	15	128	20	4.19	< 10	< 1	0.17	< 10	1.15	520
M349719	205	226	< 5	< 0.2	1.77	40	80	< 0.5	< 2	0.60	< 0.5	16	179	20	4.95	< 10	< 1	0.18	10	1.11	470
M349721	205	226	< 5	< 0.2	1.56	28	70	< 0.5	< 2	0.62	< 0.5	14	138	19	3.54	< 10	< 1	0.16	< 10	0.97	425
M349723	205	226	< 5	< 0.2	1.78	22	80	< 0.5	< 2	0.76	< 0.5	15	229	19	4.46	< 10	< 1	0.20	10	1.04	450
M349725	205	226	< 5	< 0.2	1.83	30	90	< 0.5	< 2	0.78	< 0.5	17	208	22	5.59	< 10	< 1	0.23	10	1.04	500
M349727	205	226	< 5	0.2	2.78	194	70	< 0.5	< 2	0.48	< 0.5	19	158	36	4.53	< 10	< 1	0.17	< 10	2.00	820
M349729	205	226	< 5	< 0.2	1.59	48	70	< 0.5	< 2	0.41	< 0.5	15	253	19	2.95	< 10	< 1	0.16	< 10	1.32	485
M349731	205	226	< 5	< 0.2	1.82	50	70	< 0.5	< 2	0.76	< 0.5	14	214	21	3.46	< 10	< 1	0.16	< 10	1.27	545
M349732	205	226	10	< 0.2	2.41	168	70	< 0.5	< 2	0.57	< 0.5	15	173	21	4.05	< 10	< 1	0.14	< 10	1.89	720
M349734	205	226	< 5	< 0.2	2.62	142	80	< 0.5	< 2	0.60	< 0.5	17	185	24	4.38	< 10	< 1	0.16	< 10	1.97	750
M349736	205	226	< 5	< 0.2	2.26	154	70	< 0.5	< 2	0.58	< 0.5	14	167	22	3.76	< 10	< 1	0.15	< 10	1.66	625
M349738	205	226	< 5	< 0.2	2.00	104	70	< 0.5	< 2	0.56	< 0.5	15	198	21	3.60	< 10	< 1	0.14	< 10	1.55	595
M349740	205	226	< 5	< 0.2	2.15	14	100	< 0.5	< 2	0.71	< 0.5	25	172	37	4.73	< 10	< 1	0.36	10	1.18	605
M349742	205	226	< 5	< 0.2	2.18	12	80	< 0.5	< 2	0.65	< 0.5	18	163	23	3.93	< 10	< 1	0.24	< 10	1.34	600
M349745	205	226	15	< 0.2	2.46	304	80	< 0.5	< 2	0.47	< 0.5	15	149	22	3.87	< 10	< 1	0.15	< 10	1.73	800
M349748	205	226	10	< 0.2	2.28	236	70	< 0.5	< 2	0.49	< 0.5	13	159	22	3.73	< 10	< 1	0.12	< 10	1.59	770
M349750	205	226	10	< 0.2	2.65	232	90	< 0.5	< 2	0.65	< 0.5	16	146	25	4.25	< 10	< 1	0.17	< 10	1.81	775
M590402	205	226	15	< 0.2	2.68	340	70	< 0.5	< 2	0.55	< 0.5	17	171	23	4.51	< 10	< 1	0.15	< 10	1.96	850
M590404	205	226	10	< 0.2	2.41	116	60	< 0.5	< 2	0.51	< 0.5	17	159	30	4.02	< 10	< 1	0.14	< 10	1.82	665
M590406	205	226	10	< 0.2	3.17	192	180	< 0.5	< 2	0.53	< 0.5	28	548	65	4.65	< 10	< 1	0.26	10	3.13	840
M590408	205	226	< 5	< 0.2	1.73	138	70	< 0.5	< 2	0.40	< 0.5	12	154	16	2.85	< 10	< 1	0.14	< 10	1.30	590
M590410	205	226	10	< 0.2	1.51	150	70	< 0.5	< 2	0.33	< 0.5	10	165	16	2.62	< 10	< 1	0.14	< 10	1.03	420
M590412	205	226	10	< 0.2	1.71	166	100	< 0.5	< 2	0.47	< 0.5	11	271	17	2.77	< 10	< 1	0.19	< 10	1.39	530

CERTIFICATION: Ian Bichler

Appendix A

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Page Number : 1-A
Total Pages : 1
Certificate Date: 17-NOV-97
Invoice No. : I9750103
P.O. Number :
Account : NRD

CERTIFICATE OF ANALYSIS A9750103

Phantom Grove Samples

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
M349705	205	294	< 5	< 0.2	0.41	8	10	< 0.5	< 2	0.06	< 0.5	5	155	14	0.81	< 10	< 1	0.04	< 10	0.29	115
M349706	205	294	< 5	< 0.2	2.36	8	150	< 0.5	< 2	2.35	< 0.5	21	144	67	3.52	< 10	< 1	0.41	< 10	1.60	870
M349707	205	294	< 5	< 0.2	2.30	8	240	< 0.5	< 2	2.24	< 0.5	21	128	81	3.53	< 10	< 1	0.54	< 10	1.53	985
M349710	205	294	< 5	< 0.2	4.40	72	370	< 0.5	< 2	2.55	< 0.5	20	68	37	4.93	10	< 1	0.82	< 10	2.21	695
M349711	205	294	< 5	< 0.2	2.06	40	110	< 0.5	< 2	2.81	< 0.5	12	65	30	3.08	< 10	< 1	0.43	< 10	1.39	550
M349713	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
M349743	205	294	< 5	< 0.2	2.48	120	60	< 0.5	< 2	0.24	< 0.5	16	103	25	4.32	< 10	< 1	0.13	< 10	1.59	955
M349746	205	294	< 5	< 0.2	0.28	762	40	< 0.5	< 2	2.85	< 0.5	11	67	22	3.29	< 10	< 1	0.12	< 10	0.97	710
M590413	205	294	< 5	< 0.2	2.57	68	50	< 0.5	< 2	0.28	< 0.5	17	108	25	4.92	< 10	< 1	0.14	< 10	1.61	900
M590414	205	294	< 5	< 0.2	2.66	24	90	< 0.5	< 2	0.42	< 0.5	19	86	34	4.24	< 10	< 1	0.20	< 10	1.89	915
M590415	205	294	< 5	< 0.2	1.10	94	290	< 0.5	< 2	0.13	< 0.5	7	105	10	1.94	< 10	< 1	0.55	< 10	0.57	215
M590416	205	294	< 5	0.6	1.06	256	230	< 0.5	< 2	0.29	< 0.5	5	87	10	1.88	< 10	1	0.48	< 10	0.44	240

CERTIFICATION: Ian Bichler

Appendix B

Appendix B

Sampling Methodology

A. Pan-Concentrate Samples

Approxiamately 1.0 kg of of material was collected from an active stream channel and strained through a .5 cm plastic sieve and was further panned down to heavy mineral concentrates. Another pan was used using the same methods described above to break down very fine clay that was attached to moss on surrounding rocks in the area, this was combined with the two silt pan-concentrates to provide enough material for analysis done at Chemex laboratories in North Vancouver after the field program was completed. At Chemex the entire sample was ground using a ring mill pulverizer with a chrome steel ring set. The Chemex specification for this process is that greater than 90% of the sample will pass through 106 micron (Tyler 150 mesh) screen and the prepared sample was fused with a neutral lead sodium silicate flux. The lead button containing the precious metals is cupelled in a muffle furnace. The gold and silver bead is parted in dilute nitric acid, annealed and weighed as gold.

B. Silt Samples

A 0.5 kg sample of Silt was also gathered at the same time as the pan concentrate and put into a standard gusseted kraft bag and shipped to Chemex Labs upon completion of the field program. The sample was passed through a primary crusher to yield a crushed product of which greater than 60% is less than approxiamately 2mm. Then it was further ground so that greater than 90% of the material passed through a 106 micron (Tyler 150 mesh) and subjected to Nitric Aqua Regia Digestion and Inductively Coupled Plasma - Atomic Emission Spectroscopy (ICP - AES)

C. Rock Chip Samples

Approxiamately 2 kg of rock was collected and placed in 6 mm plastic sample bags and shipped to Chemex laboratories in North Vancouver upon completion of field work. The material was crushed and pulverized througha primary crusher to yield a product of which 60% was less than 2mm. It was further ground down using a ring mill pulverizer with a chrome steel ring set. The procedure specification is that greater than 90% of the ground material passes through a 106 micron (Tyler 150 mesh) screen. This was then tested using ICP - AES methods.

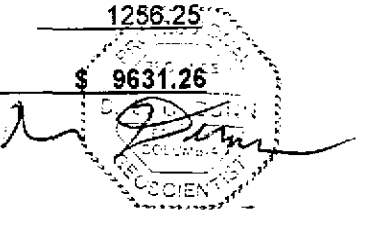
Appendix C

Appendix C

STATEMENT OF COSTS

Sorbara Geological Services Ltd.
Jack Claims Project
Period of Fieldwork Sept.19th \ Oct. 14th 1997

Salaries			
D. Dunn, Geologist 1 day @ $ 500/day	$ 500.00		
J. Delaney, Prospector 10 days @ $ 250/day	2500.00		
M. Abercrombie, Assistant 10 days @ 125/day	1250.00		
			$ 4250.00
Expenses			
meals, lodging, materials/equipment, maps			1158.91
Vehicle Expenses			
10 days 4WD rental, fuel, cleaning			1040.55
Geochemistry and Laboratory Services			
Prep-code 205 Geochem ring to approx 150 mesh	$ 2.50		
0-3 kg. crush and split	2.60		
Prep-code 983 - Au ppb FA + AA	9.75		
ICP - 32	7.00		
33 samples @	21.85		721.00
Pan-Concentrate FA for Au 24 samples @	6.00		144.00
		GST	60.55
Report Preporation, compilation and drafting			1000.00
15% Management Fee not included in salaries			1256.25
Total Project Cost			**$ 9631.26**



Appendix D

Appendix D

Statement Of Qualifications

I, David St. Clair Dunn, with a business address of RR6S24 C8 Gibson's B.C. do hereby certify that:

1. I am a consulting geologist registered with the Geological Association of Canada (Fellow # 4943).

2. I am a member of the Association of Exploration Geochemists.

3. I hold a B. Sc. degree (1980) in geology from the University of British Columbia.

4. I have been practicing my profession as prospector and geologist for 27 years.

5. I personally supervised the work on Pacific Talc Ltd., Jack 1, 2, 3, 4 claims.

6. I do not hold any interest in the Jack 1, 2, 3, 4 claims or in Pacific Talc Ltd.

7. I am a registered as a professional geoscientist with the Association of Professional Engineers and Geoscientists in B.C.

I, J.B. Delaney of # 227- 2680 W. 4th Ave. do hereby certify that:

1. I have completed the B.C. Yukon Chamber of Mines Prospecting Course in 1994

2. I have completed first year Geology requirements at Capilano College, North Vancouver, British Columbia

3. I have been employed in the Mineral Exploration Industry for the past 5 years, throughout British Columbia and hold a valid F.M.C.

4. I do not hold any interest in the Jack 1, 2, 3, 4 claims or in Pacific Talc Ltd.

Appendix E

Appendix E

Chemex Labs

Sample Preparation Procedure - Crushing

Method: Crushing

The entire sample is passed through a primary crusher to yield a crushed product of which greater than 60% is less than approximately 2mm. A split (split size is determined by the final preparation method and analysis requested) is then taken using a stainless steel riffle splitter.

The crushing code indicates the weight of the original sample.

Chemex Code	Rush Code	Parameter	Sample Weight (lb)	Sample Weight (kg)
226	295	0-3 kg Crush and Split	0 - 6	0 - 3
294	272	4-7 kg Crush and Split	7 - 15	4 - 7
276	293	8-12 kg Crush and Split	16 - 25	8 - 12
273	271	13-18 kg Crush and Split	26 - 40	13 -18
270		19-26 kg Crush and Split	41 - 60	19 - 26
278		27-36 kg Crush and Split	61 -79	27 - 36

Appendix E

Chemex Labs

Fire Assay Procedure - Trace Gold

Sample Decomposition: Fire Assay Fusion
Analytical Method: Atomic Absorption Spectroscopy (AAS)

A prepared sample is fused with a neutral lead sodium silicate flux inquarted with 6 mg of gold-free silver and then cupelled to yield a precious metal bead.

The lead bead is digested in dilute nitric acid. Hydrochloric acid is then added and the solution is digested for an additional hour. The digested solution is then cooled, diluted to 7.5 ml with demineralized water, mixed and then analyzed by atomic absorption spectrometry.

International Units:

Chemex Code	Rush Code	Element	Sample Weight (grams)	Symbol	Detection Limit	Upper Limit
983	991	Gold	30	Au	5 ppb	10,000 ppb

Chemex Labs

Sample Preparation Procedure - Ring Grinding

Method: Grinding

A crushed sample split (200 - 300 grams) is ground using a ring mill pulverizer with a chrome steel ring set. The Chemex specification for this procedure is that greater than 90% of the ground material passes through a 106 micron (Tyler 150 mesh) screen. Grinding with chrome steel may impart trace amounts of iron and chromium into a sample.

Chemex Code	Rush Code	Parameter
208	258	Assay Grade Ring Grind
205	255	Geochemical Ring Grind

Chemex Labs

Sample Preparation Procedure - Ring Grinding Whole Sample

Method: Grinding Whole Sample

For a small sample (up to 250 grams) which does not require crushing or splitting, the entire sample is ground using a ring mill pulverizer with a chrome steel ring set. The Chemex specification for this process is that greater than 90% of the sample will pass through a 106 micron (Tyler 150 mesh) screen. Grinding with chrome steel may impart trace amounts of chromium and iron into a sample.

Chemex Code	Parameter
268	Assay Grade Ring Grind
209	High Grade Assay Ring Grind
217	Geochemical Ring Grind
235	Pan Concentrate Ring Grind

Appendix E

Chemex Labs

Fire Assay Procedure - Gold

Sample Decomposition: Fire Assay Fusion
Analytical Method: Gravimetric

A prepared sample is fused with a neutral lead sodium silicate flux. The lead button containing the precious metals is cupelled in a muffle furnace. The gold and silver bead is parted in dilute nitric acid, annealed and weighed as gold.

International Units:

Chemex Code	Rush Code	Element	*Sample Weight (assay ton)	Symbol	Detection Limit	Upper Limit
448	n/a	Gold	all	Au	0.002 mg	30 mg

Appendix F

Appendix F

Sample Description \ Location

6. M349710 Rock Chip 1 metre section 1470 metres from bridge 3700' elvation
   711 Rock Chip " "
7. 712 Pan-Concentrate 3800' elevation Ally Cr. Jack # 1 claim
   713 Silt Sample " "
8. 714 Pan-Concentrate 3840' elevation Ally Cr.
   715 Silt Sample " "
9. 716 Pan-Concentrate 3700' elevation Ally Cr.
   717 Silt Sample " "
10. 718 Pan-Concentrate 4140' elevation Ally Cr.
    719 Silt Sample " "
11. 720 Pan-Concentrate 4200' Ally Cr. flowing N 74 degrees W
    721 Silt Sample " "
12. 722 Pan-Concentrate 4300' Ally Cr. N 56 degrees W
    723 Silt Sample " "
13. 724 Pan-Concentrate 4400' Ally Cr.
    725 Silt Sample " "
14. 726 Pan-Concentrate feeder creek 150 metres from bridge NW of road
    727 Silt Sample " "
15. 728 Pan-Concentrate 3520' elevation road bridge over Ally Cr.
    729 Silt Sample " "
16. 730 Pan-Concentrate 3260' Ally Cr. 500 metres from bridge
    731 Silt Sample " "
17. 732 Silt Sample 3220' 719 metres from bridge
18. 733 Pan-Concentrate 3100' 780 metres from bridge
    734 Silt Sample " "
19. 735 Pan-Concentrate 3000' 960 metres from bridge
    736 Silt Sample " "
20. 737 Pan-Concentrate 2840' Ally Cr. 1313 metres from bridge
    738 Silt Sample " "
21. 739 Pan-Concentrate 5520' Ally Cr. Jack # 2 claim - above bridge
    740 Silt Sample " "
22. 741 Pan-Concentrate 5620' Ally Cr. Jack # 2 claim
    742 Silt Sample " "
23. 743 Rock Chip (grab sample) 4700' roadside Mainline Br 11
24. 744 Pan-Concentrate 4700' Br 11 Cr.
    745 Silt Sample " "
25. **746 Rock Chip (grab sample) over 1 metre 4420' Br 11 Cr.**
    747 Pan-Concentrate " "
    748 Silt Sample " "
26. 749 Pan-Concentrate 4200' Br 11 Cr.
    750 Silt Sample " "
27. M590401 Pan-Concentrate 3940' Br 11 Cr.
    M590402 Silt Sample " "
28. 403 Pan-Concentrate 3560' Br 11 Cr.
    404 Silt Sample " "
29. 405 Pan-Concentrate 3720' Br 11 Cr.
    406 Silt Sample " "

Sample Description \ Location

30. 407 Pan-Concentrate 4060' Mad Dog Cr.
    408 Silt Sample " "
31. 409 Pan-Concentrate 4260' Mad Dog Cr.
    410 Silt Sample " "
32. 411 Pan-Concentrate 4500' Mad Dog Cr.
    412 Silt Sample " "
33. 413 Rock Chip (grab sample) over 1 metre Br 11 rd. 4800' elevation
    414 " "
34. 415 Rock Chip (grab sample) over 1 metre Br 11 rd. 4940' elevation
    416 " "

JACK 2

JACK 3

JACK 1

JACK 4

ALKY CREEK

MAD DOG CREEK

BR 11 CREEK

11

3000

LCP

Assay Results

6.	MS49710 Rock Chip < 5 ppb Au < 02 ppm Ag 37 ppm Cu 711 Rock Chip < 5 ppb Au < 02 ppm Ag 37 ppm Cu
7.	712 Pan-Concentrate < 022 mg of Au 713 Silt Sample Not Recorded
8.	714 Pan-Concentrate 002 mg Au 715 Silt Sample < 5 ppb Au < 2ppm Ag 14ppm Cu
9.	716 Pan-Concentrate < 002 mg Au 717 Silt Sample < 5 ppb Au < 2 ppm Ag 20ppm Cu
10.	718 Pan-Concentrate < 016 mg Au 719 Silt Sample < 5 ppb Au < 2ppm Ag 20ppm Cu
11.	720 Pan-Concentrate < 002 mg Au 721 Silt Sample < 5ppb Au < 2ppm Ag 19ppm Cu
12.	722 Pan-Concentrate < 046 mg Au 723 Silt Sample < 5ppb Au < 2ppm Ag 19ppm Cu
13.	724 Pan-Concentrate 003 mg Au 725 Silt Sample < 5 ppb Au < 2ppm Ag 22ppm Cu
14.	726 Pan-Concentrate < 002 mg Au 727 Silt Sample < 5ppb Au 2ppm Ag 36ppm Cu
15.	728 Pan-Concentrate 032 mg Au 729 Silt Sample < 5 ppb Au < 2ppm Ag 19ppm Cu
16.	730 Pan-Concentrate 013 mg Au 731 Silt Sample < 5 ppb Au < 2 ppm Ag 21ppm Cu
17.	732 Silt Sample 10 ppb Au < 2 ppm Ag 21 ppm Cu
18.	733 Pan-Concentrate < 002 mg Au 734 Silt Sample < 5 ppb Au < 2 ppm Ag 24 ppm Cu
19.	735 Pan-Concentrate 002 mg Au 736 Silt Sample < 5 ppb Au 2 ppm Ag 22 ppm Cu
20.	737 Pan-Concentrate Not Recorded 738 Silt Sample < 5 ppb Au 2 ppm Ag 21 ppm Cu
21.	739 Pan-Concentrate < 002 mg Au 740 Silt Sample < 5 ppb Au < 2 ppm Ag 37 ppm Cu
22.	741 Pan-Concentrate < 002 mg Au 742 Silt Sample < 5 ppb Au < 2 ppm Ag 23 ppm Cu
23.	743 Rock Chip (grab sample) < 5 ppb Au < 2 ppm Ag 25 ppm Cu
24.	744 Pan-Concentrate < 002 mg Au 745 Silt Sample 15 ppb Au < 2 ppm Ag 22 ppm Cu
25.	746 Rock Chip (grab sample) < 5 ppb Au < 2 ppm Ag 25 ppm Cu 747 Pan-Concentrate .195 mg Au 748 Silt Sample 10 ppb Au < 2 Ag ppm 22 ppm Cu
26.	749 Pan-Concentrate < 002 mg Au 750 Silt Sample 10 ppb Au < 2 ppm Ag 25 ppm Cu
27.	MS90401 Pan-Concentrate 016 mg Au MS90402 Silt Sample 15 ppb Au 2 ppm Ag 25 ppm Cu
28.	403 Pan-Concentrate < 002 mg Au 404 Silt Sample 10 ppb Au < 2 ppm Ag 30 ppm Cu
29.	405 Pan-Concentrate < 002 mg Au 406 Silt Sample 10 ppb Au < 2 ppm Ag 65 ppm Cu
30.	407 Pan-Concentrate 005 mg Au 408 Silt Sample < 5 ppb Au < 2 ppm Ag 16 ppm Cu
31.	409 Pan-Concentrate 002 mg Au 410 Silt Sample 10 ppb Au 2 ppm Ag 16 ppm Cu
32.	411 Pan-Concentrate < 002 mg Au 412 Silt Sample 10 ppb Au < 2 ppm Ag 17 ppm Cu
33.	413 Rock Chip (grab sample) Not Recorded 414 Rock Chip < 5 ppb Au < 2 ppm Ag 34 ppm Cu
34.	415 Rock Chip (grab sample) < 5 ppb Au < 2 ppm Ag 10 ppm Cu

Approx 14.5 KM from North Bend

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

25,400

98 99

Scale 1:5000

1cm = 50 M

0 50 100 200 250

○ - Paired Sample: Pan-Concentrate Silt Sample

△ - Rock Chip Sample

Access Road BR Mainline 300

Bridge