

82M

823757

PROSPECTORS AIRWAYS COMPANY, LIMITED

PROPERTY INFORMATION FORM

July 16/63

Name of Property:

Jespersen Tin Property - Crowfoot Mountain, B.C.

Presented by:

S. W. Jespersen
510 Eighth Avenue West,
Calgary, Alberta

Date:

January, 1963

Location:

At the top of Crowfoot Mountain, 10 miles north of Magna Bay, Kamloops Mining District, British Columbia. It is at an elevation of 6400 feet.

Access:

Via a lumber road which branches off the highway along the north side of Shuswap Lake at a point halfway between Magna Bay and Anglemont.

Claims:

The property consists of 8 claims Nos. 41029P - 41036P, inclusive.

Ownership:

The group is held under option from Brian Thompson of Kamloops, B.C. by S. W. Jespersen and C. E. Heath of Calgary, Alberta.

Summary of Outstanding Features:

Formerly prospected as a lead-zinc-silver property, interest was renewed in this group when 2 samples taken from the dump by Brian Thompson in October, 1962, returned 3.86% tin and 16.11% tin. The claim group is underlain by late Precambrian sediments.

Silver-lead-zinc-copper-tin mineralization is found as patchy replacements along erratic seams in a belt of limestone which traverses the plateau in a direction approximately N40°-60°W. The particular band of limestone in which this mineralization occurs is approximately 100-150 feet wide; and constitutes one member of an interbedded formation of lightly sheared banded limestones and heavily sheared, sericitized, sometimes graphitic, argillite schists which is several hundred feet in width. The occurrence, over the whole area of the plateau, of numerous exposures of porphyritic igneous rock indicates an underlying intrusive, at no great depth, responsible for the mineralization, and for the broken and disjointed character of the formations.

The limestone band in which the principal mineralization occurs is highly metamorphosed and silicified. The mineralization occurs in fractures and narrow, elongated lenticular bodies. Mineralization is not general throughout the limestone; but is confined to quartz fissures, either striking across the bedding planes or conforming to them. Within the quartz lenses, themselves, the mineralization is erratically distributed.

The mineralized quartz lenses are, for the most part, narrow, 2" - 12" wide. They have been exposed in a series of rock trenches along a strike length of 800 feet. Sixteen trenches were located; and several of these were filled with overburden and had no outcrop exposed.

The tin mineralization appears to be principally confined to Trench I. Here mineralization appears to be concentrated in a series of lenses along the hanging wall contact of limestone with the argillite schists. Local folding, at this point, gives a minor anticlinal structure plunging northwest at 30°-35°.

In addition to the patchy distribution of the mineralization the highly fractured nature of the formations would make it appear unlikely that any bodies of economic importance with any degree of continuity would be located near surface. It is possible but improbable that any improvement would be found at depth.

Opinions, Suggestions or Recommendations of Present Holder:

Jespersen believes the showings should be diamond drilled.

Option Terms:

\$50,000 payable as follows:
\$ 500 payable immediately
\$ 4,000 on or before July 26, 1963
\$ 5,000 on or before July 1, 1964
\$10,000 on or before July 1, 1965
\$10,000 on or before July 1, 1966
\$20,500 on or before July 1, 1967

275,000 shares in a 3,000,000 share company.

Information is Based On:

Personal examination of the property accompanied by B. Thompson and C. Heath.

Nature of Deposit:

See Summary of Outstanding Features.

Mineralization:

Silver, cassiterite, galena, sphalerite, chalcopryite

Widths and Values:

Sample No.	Trench	Width (inches)	Tin (SnO ₂)%	Copper %	Lead %	Zinc %	Silver oz/ton
744	VI	4	0.01	0.01	0.05	0.10	nil
745	III	14	0.05	0.02	0.05	8.30	nil
746	I	10	0.01	0.01	1.06	3.07	trace
747	I (Dump A)	--	0.75	0.68	16.78	5.95	25.20
748	I (Dump B)	--	0.90	0.70	7.70	14.05	18.40
749	I	15	0.02	0.08	1.05	9.52	1.36
750	I (Dump C)	--	0.11	0.08	0.22	5.93	nil
751	IV	3	0.01	0.41	0.05	0.60	trace
752	VII	6	0.01	0.07	0.05	0.13	nil

Strike and Dip:

Strike of the formations varies from N40°W to N60°W and dips from 35°NE to vertical.

Country Rock:

See - Summary of Outstanding Features.

Present Known Extent and Possible Extensions:

Mineralization exposed in the limestones along a length of 800 feet. It is open at both ends where it goes under overburden.

Limiting Features:

Limited by the width of the favourable limestone bed. Lenses have little continuity due to fracturing of the formations.

Workings, Kind, Amount, Location and/or Diamond Drilling:

Sixteen trenches varying in length from 10 - 240 feet and depth to 12 feet were located along a length of 800 feet. One 10-foot adit joins trenches I and II (see plan). One shaft to depth of 29 feet.

Lengths and Frequency of Exposures:

Less than 5% outcrop in the area.

Known Commercial Sections:

None.

Known Non-Commercial Sections:

See Summary of Outstanding Features.

Possibilities of Developing Ore:

Poor.

Past Production, If Any:

None.

Dividends, If Any:

None.

Other Significant Features in History of Property:

Property was held from August 7, 1952 to November 2, 1962 by a prospector and 4 associates. After the property was dropped, it was staked by Thompson on the basis of his tin assays.

Previous Examinations:

See Annual Reports of Minister of Mines, British Columbia, 1930, 1931, 1932.

Reports, Plans or Other Sources of Information:

Conversations with Brian Thompson; and reference to above reports.

Reasons for Property Lying Idle:

No knowledge of the tin content until fall of 1962.

Relation to or Comparison With Other Properties in the District:

No properties in immediate vicinity.

New Development (Since Last Examination):

Other Remarks:

Erratic distribution of the mineralization and lack of continuity of the quartz lenses diminish the prospect of finding an oreshoot in this formation. It would appear to be just another occurrence of tin for the record. High assays from Jespersen were from character specimens of high grade mineralization rather than from representative samples.



H. A. Pearson, P.Eng.
Examining Engineer.

June 23 & 24, 1963
Date of Examination.

PROSPECTORS AIRWAYS COMPANY, LIMITED
44 KING STREET WEST
TORONTO 1, ONTARIO

COPY

W.S.R.	<input checked="" type="checkbox"/>
K.C.G.	<input type="checkbox"/>
G.H.M.	<input type="checkbox"/>
R.D.S.	<input type="checkbox"/>
B.C.B.	<input type="checkbox"/>
P.M.K.	<input type="checkbox"/>
C.K.W.	<input type="checkbox"/>
E.O.C.	<input checked="" type="checkbox"/>
H.A.P.	<input checked="" type="checkbox"/>
J.B.S.	<input type="checkbox"/>
G.P.R.	<input type="checkbox"/>
E.L.D.	<input type="checkbox"/>
J.I.B.	<input type="checkbox"/>
E.C.J.	<input checked="" type="checkbox"/>
D.V.B.	<input type="checkbox"/>

July 19, 1963.

Mr. S. W. Jespersen,
Commercial Oil & Gas Ltd.,
510 - 8th Avenue West,
Calgary, Alberta.

Dear Mr. Jespersen:

As advised in telephone conversation by Alex Pearson, Wednesday, July 17th, we are relinquishing our option with you dated June 24, 1963 on the Venus, Evelyn and Helen claims, etc, Crowfoot Mountain, Kamloops Mining Division.

Thank you for bringing this prospect to our attention and your assistance to Mr. Pearson in the examination of the ground.

Kindest personal regards,

E. O. Chisholm
Chief Geologist.

EOC:dh

June 21, 1963.

	W.S.R.	
	K.C.G.	
	G.H.M.	
	R.D.S.	
	B.C.B.	
	P.M.K.	
	C.K.W.	
	F.O.C.	
	H.A.P.	
	J.B.S.	
	G.P.R.	
	E.L.D.	
	J.I.B.	
	E.C.J.	
	D.V.B.	

Mr. S. Jespersen,
510 Eighth Avenue West,
Calgary, Alberta.

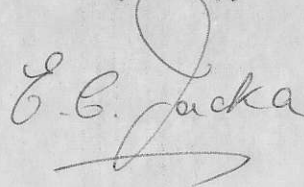
Dear Mr. Jespersen:

With reference to the proposed option on your Crowfoot Mountain, Kamloops area, British Columbia mining claims enclosed herewith please find the following documents:

1. A cheque for \$500.00 being the initial payment under the terms of the option agreement.
2. Four copies of 'Memorandum of Option Agreement'. If this agreement is satisfactory to you will you kindly sign all four copies as optionor (having your signature witnessed). You should then retain one copy for your own reference and return three copies to this office.
We will then deliver one copy to the escrow agent.

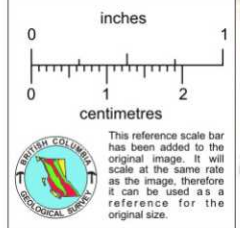
At your earliest convenience will you kindly supply us with full particulars of the claims as listed in Clause 7 of the option agreement.

Yours very truly,



E. C. Jacka

ECJ:dh
Encl



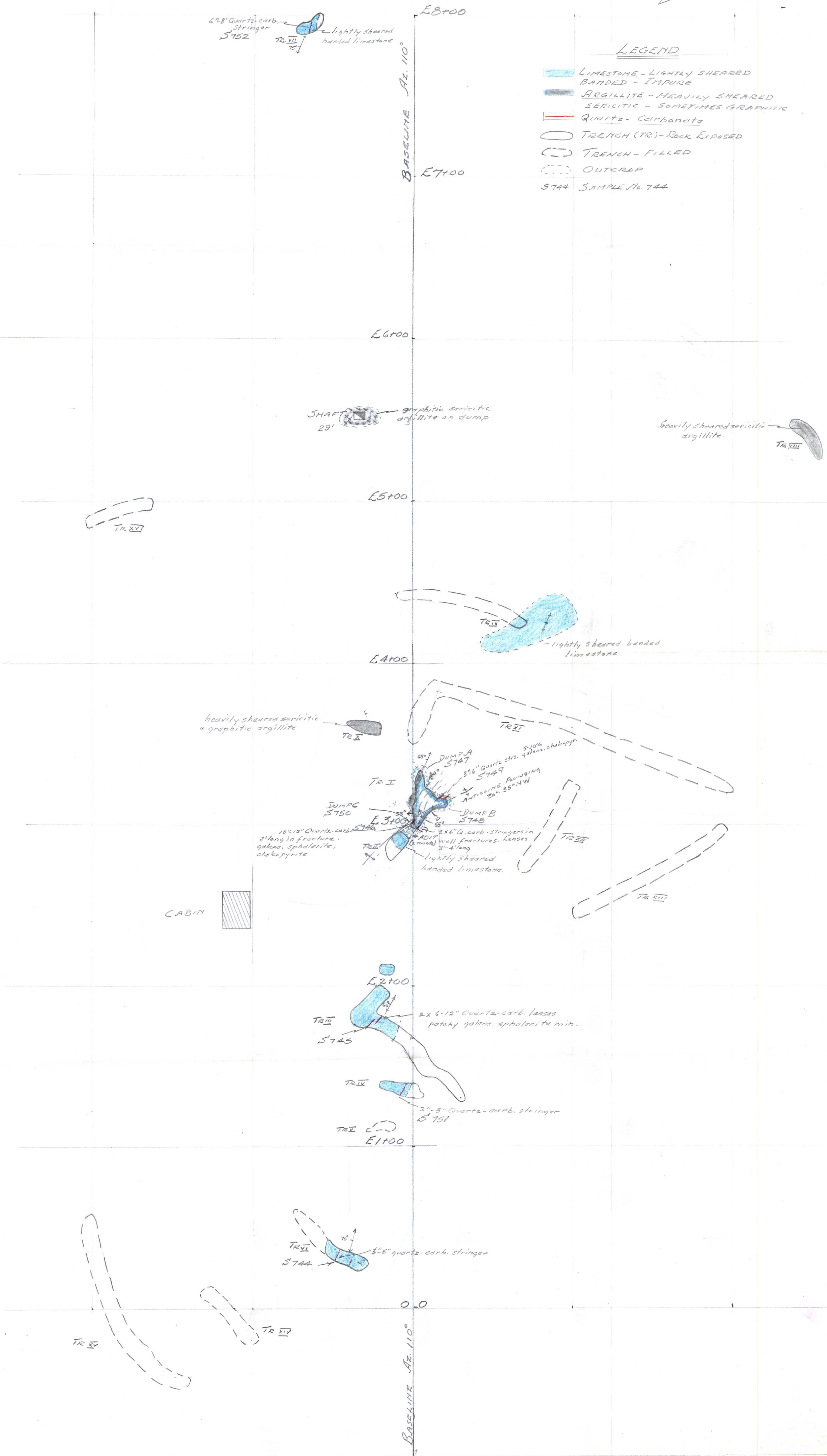
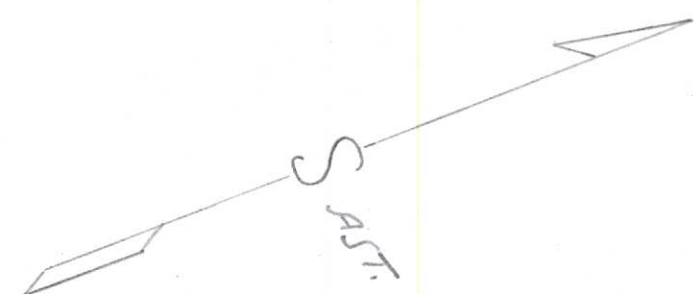
PLAN OF SHOWINGS

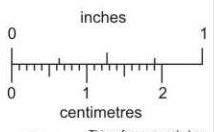
JESPERSEN TIM PROPERTY - CROWFOOT MOUNTAIN

KAMLOOPS DISTRICT - BRITISH COLUMBIA

Scale: 1 inch = 30 feet

Date: July 15, 1963





This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

JESPERSEN C. 195 - CROWFOOT & MOUNTAIN

KAMLOOPS DISTRICT, B.C.

CLAIM SHEET 93 M.

Scale: 1 inch = 1 mile

