

unclassified

PROSPECTUS
July 13, 1979.

061861

PRELIMINARY REPORT

on

HAM GROUP OF MINERAL CLAIMS
(61° 40' N, 133° 13' W)
Map Sheet N.T.S. 105 F/11

EVA GROUP OF MINERAL CLAIMS
(61° 56' N, 133° 28' W)
Map Sheet N.T.S. 105 F/14

of

RISBY TUNGSTEN MINES LTD.

in the

WHITEHORSE MINING DISTRICT
YUKON TERRITORY
CANADA

by

W.S. READ, B.Sc., P.Eng.
Cobble Hill, B.C.
Canada

3 July 1979

WAYLAND S. READ, B.S.C., P.ENG.

CONSULTING GEOLOGIST

AREA CODE 604-TELEPHONE 743-2279

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3 July 1979

The Board of Directors
Risby Tungsten Mines Ltd.
#905 - 355 Burrard Street
Vancouver, B.C.

Gentlemen:

Please find attached my report on a proposed 1979 exploration program on the companies HAM and EVA mineral claims groups located near Ross River, Yukon.

The more favourable Eva property is located about 10 kilometers north northwest from the company's Cab group of claims being explored by Hudson Bay Exploration and Development Company, and the Ham group is about 23 kilometers south southwest from the Cab group.

Respectfully submitted,

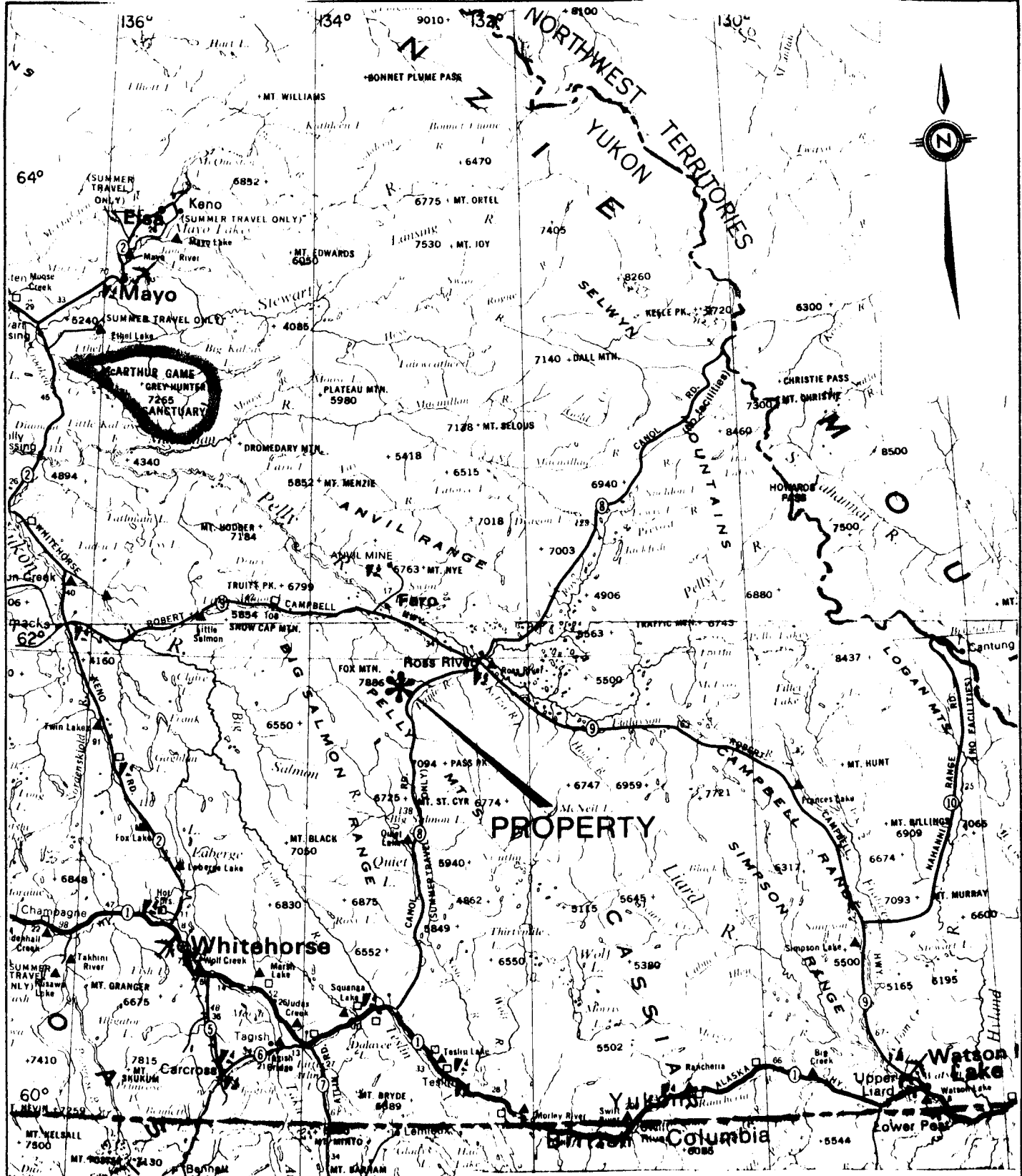


W.S. Read, P.Eng.

att.

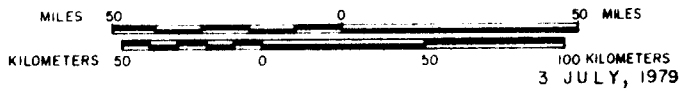
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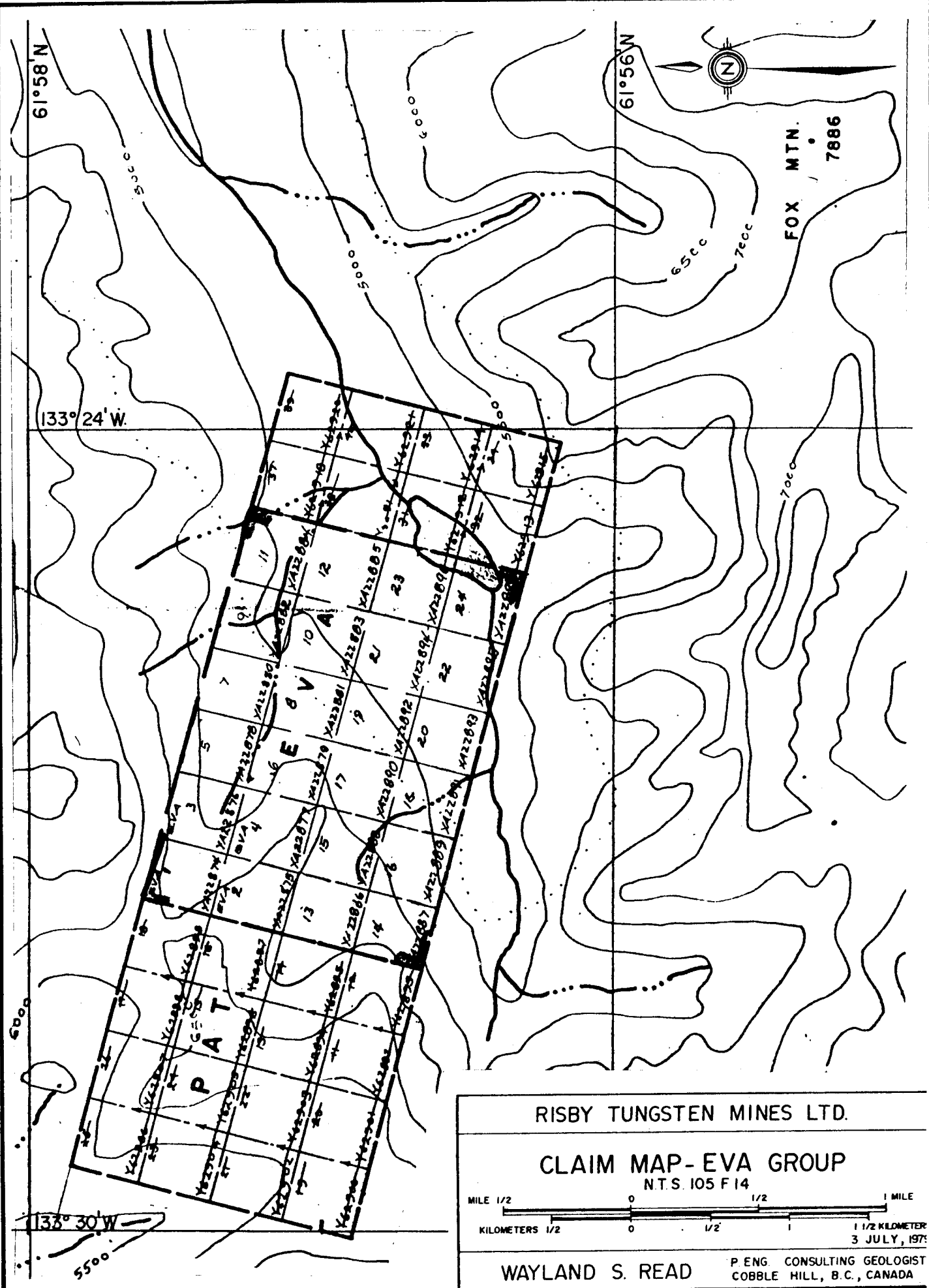
RISBY TUNGSTEN MINES LTD.

LOCATION MAP



WAYLAND S. READ

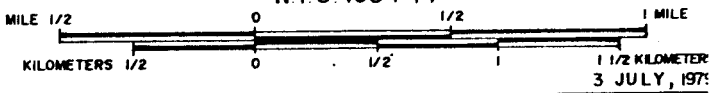
P. ENG CONSULTING GEOLOGIST
COBBLE HILL, B.C., CANADA



RISBY TUNGSTEN MINES LTD.

CLAIM MAP - EVA GROUP

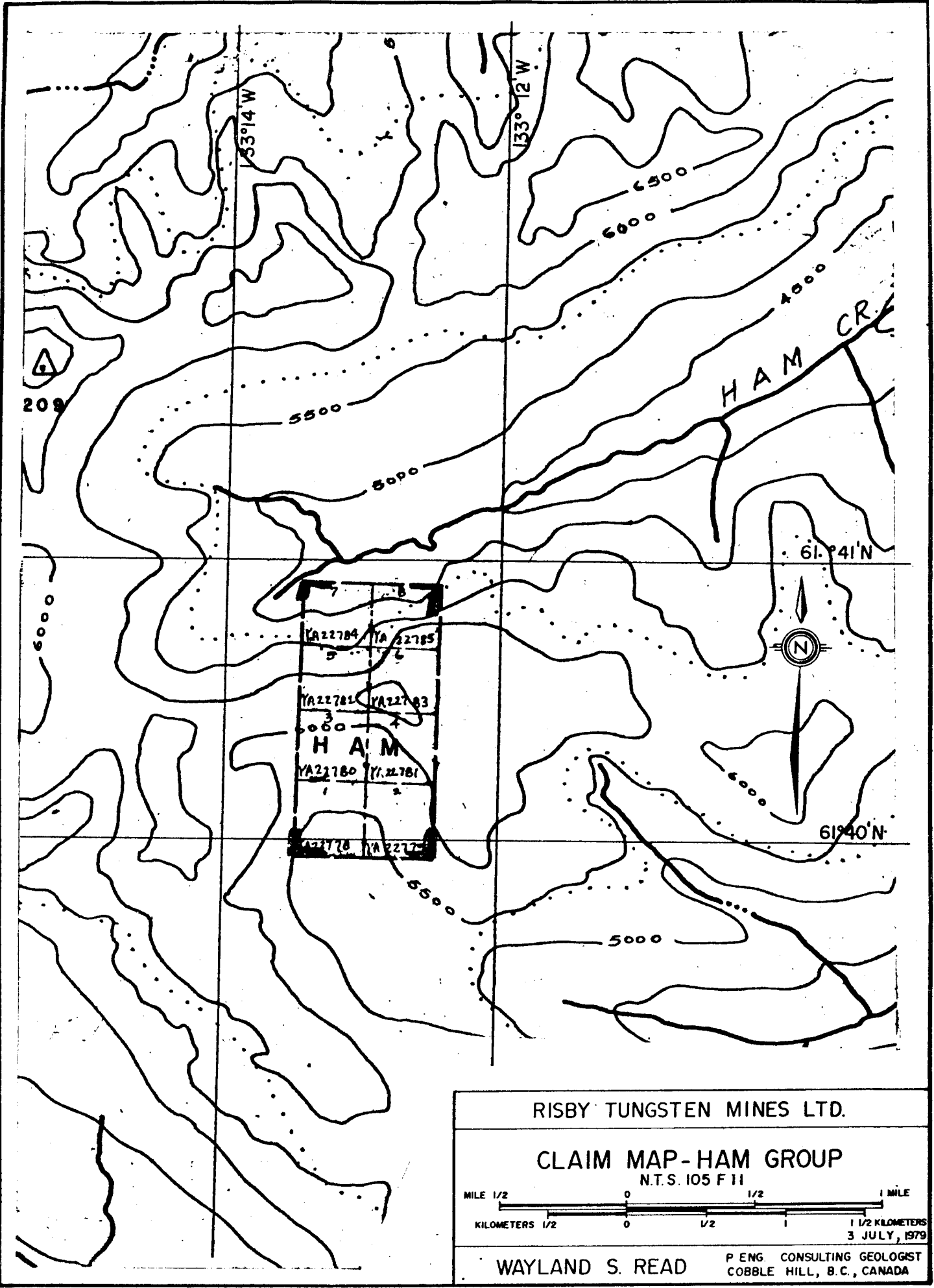
N.T.S. 105 F 14



1 1/2 KILOMETER
3 JULY, 1971

WAYLAND S. READ

P. ENG. CONSULTING GEOLOGIST
COBBLE HILL, B.C., CANADA



209

133°14' W

133°12' W

6500
6000

H A M C R.

5500
5000

61°41' N



YA22784 YA22785

YA22781 YA22783

H A M

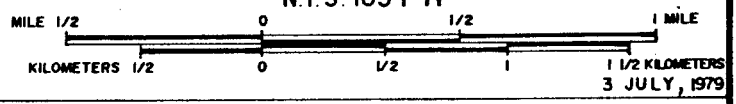
YA22780 YA22781

61°40' N

5500
5000

RISBY TUNGSTEN MINES LTD.

CLAIM MAP - HAM GROUP
N.T.S. 105 F 11



WAYLAND S. READ

P. ENG. CONSULTING GEOLOGIST
COBBLE HILL, B.C., CANADA

3 JULY, 1979

CLAIMS HELD BY COMPANY :

The following claims were staked by contractor and transferred to the company:

<u>Claim</u>	<u>Grant Number</u>	<u>No. of Claims</u>	<u>Due Date</u>	<u>Map Sheet</u>
HAM 1-8	YA22778-84	8	18 July 1979	105 F 11
EVA 1-24	YA22874-97	24	19 July 1979	105 F 14

The writer has not inspected the staking, but the work done by the contractor for the company has been of good quality and it is assumed that this work will be similar.

HAM PROPERTY :

Location and Accessibility:

The Ham group of 8 mineral claims is located at 61° 41' north latitude and 133° 14' west longitude on map sheet 105 F/11 of the National Topographic System in the Whitehorse Mining District, Yukon Territory, Canada.

They are about 58 km. west of the village of Ross River, at the headwaters of Ham Creek which flows into the Lapie River near the Canol road. The property is about 8 km. west of the Canol Road at Lapie Lakes.

Elevation of the claims group varies from 4800-6500 feet above mean sea level.

Access would be by helicopter from Ross River, or the nearest point on the Canol road.

The property is above timber line and there is no wood for building or fuel on the property. The property should be relatively snow free from late June to mid-September.

History:

Quoting the Mineral Inventory - "Staked as Ham Cl. (Y26037) in Sept. /68 by P. Risby and optioned by Atlas El. as part of the Sheldon Project, a joint venture with Mitsui. Restaked as Ace and Coat Cl. (Y61561) by Risby and Arsenault in Aug /71, and as UT Cl. (YA4576) in June /76 by Welcome North M. L."

The claims were allowed to lapse and were staked for Risby Tungsten Mines Ltd. and recorded on 18 July 1978.

Mineralization:

"Mineralization was found over widths of 15 to 20 feet and was traced for 1000 ft. along strike. Float samples gave assays between 0.7 and 4.1% WO_3 , but the source proved to be a small skarn zone exposed in an inaccessible cliff face. The mineralization occurs in Lower Cambrian or Hordrynian carbonate at the contact of a Cretaceous stock."

EVA PROPERTY :

Location and Accessibility:

The Eva group of 24 mineral claims is located at 61°55' north latitude and 133° 28' west longitude on map sheet 105 F/14 of the National Topographic System, in the Whitehorse Mining District, Yukon Territory, Canada.

They are about 65 kilometers west of the village of Ross River, about 5 kilometers northwest of Fox Mountain peak, and about 25 kilometers in a straight line northwest from the Canol road.

Elevations on the claims group varies from 4800 feet to about 6200 feet above mean sea level.

Access would be by helicopter from Ross River or the nearest point on the Canol road. There is a possibility that the small lake on the south west edge of the claims would accommodate a float plane.

The property is above timberline. Vegetation is limited to low grass in the higher areas and some scrub willow in the valley bottoms. There is no wood for building or fuel on the property. The property should be relatively snow free from late June to mid-September.

History:

The tungsten property was discovered in 1969 by prospectors

working for Atlas Explorations Ltd., when an area of about 94 square miles, in the vicinity of Fox Mountain, was prospected and tested by geochemistry. This work followed the optioning of the Cab group of claims to the south, in 1968.

The Atlas geologist, J.M. Bremner, recommended as follow-up on this discovery in 1970, but it appears to have been staked by others before this was accomplished.

Atlas explored the Cab group in 1970 and it was optioned and diamond drilled in 1971, a year in which the value of tungsten took a severe drop, and interest diminished in the Cab group for several years.

The history of the property as recorded in the Northern Cordillera Mineral Inventory - 1972 is as follows:

"Staked in Aug/70 by R. McBean as Eva Cl (Y58103) and in Feb/71 by A. Arsenault as Pat Cl (Y60336), which was geochem sampled, mapped and hand trenched in 1971-72 and transferred to P. Quinn in Dec/72 and to Fox Mountain Rock Drilling Ltd. in July/74."

The claims were allowed to lapse and with renewed interest in the Cab group by Risby Tungsten Mines Ltd., it was felt advisable to acquire the Eva tungsten property by staking and recorded in July 1978.

Geology:

The mineralized area is reported by J.M. Bremner (1969) to extend for about $4\frac{1}{2}$ miles (7.2 Km.) along a sedimentary-intrusive contact and consists of gossaned quartzose schists, skarn and occasionally massive pyrrhotite. Four grab samples along the zone from southeast to northwest are as follows:

<u>Cu %</u>	<u>Pb %</u>	<u>Zn %</u>	<u>Mo %</u>	<u>WO₃ %</u>
0.11	0.37	Tr.	0.015	1.66
0.10	0.39	0.03	0.01	0.04
0.06	0.34	Tr.	0.01	0.24
0.06	0.76	0.63	0.015	0.06

The first sample assaying 1.66% WO₃ was made up from 18 chips collected over an unknown area, and consisted of skarn, massive pyrrhotite with thin chalcopyrite veinlets and scheelite disseminations.

Atlas mapped this area as being on a contact between Cambrian sediments of phyllite, quartz-biotite and chlorite schist and a Cretaceous quartz-monzonite batholith to the south west.

The mineral inventory describes the showing as follows:

"A weakly mineralized skarn have developed in limy horizons within quartzite and quartz-chlorite schist of Unit A associated with small irregular bodies and dikes of quartz monzonite between two Cretaceous

stocks. Finely disseminated scheelite and traces of chalcopyrite occur in pyrrhotite lenses up to 30 feet long and 2 to 5 feet wide. A second lower grade showing was found elsewhere on the property."

CONCLUSIONS AND RECOMMENDATIONS :

The Ham and Eva properties contain areas of known tungsten mineralization. From preliminary data available, the Eva with a $4\frac{1}{2}$ mile long zone of mineralization presents the most favourable target area. This area needs to be geologically mapped and sampled to determine if areas of commercial interest are present and would require most of the budget.

The Ham group should be examined and possibly prospected prior to a formal program.

It is recommended that a mapping and sampling program be started on the Eva group and an examination be conducted on the Ham group.

This preliminary program is estimated to cost approximately \$40,000.00. With initial success, a much larger budget would be required for follow-up.

RISBY TUNGSTEN - HAM-EVA GROUPS
ESTIMATE OF COSTS
1979 EXPLORATION

Pre-engineering and preparation for program	\$1,350	
Base Maps	800	
Mobilization-Demobilization	<u>2,500</u>	\$4,650
 <u>CREW</u>		
Geologist	1 month @	2,500
Assistant	21 days @ \$50	1,050
Blaster	21 days @ \$100	2,100
Helper	21 days @ \$50	1,050
Cook	1 month @	1,000
Consulting & Engineering		<u>2,250</u>
		9,950
Helicopter, 10 trips x 2 hrs., 20 hrs. @ \$350	7,500	
Camp, Food & Fuel 180 man days x \$25	4,500	
Drill Costs & explosives	1,200	
Engineering Supplies	1,000	
Follow up draughting	1,000	
Reports	<u>2,000</u>	
		<u>17,200</u>
		31,800
Property Management @ 10%		<u>3,180</u>
		34,980
Contingencies approximately 14%		<u>5,020</u>
TOTAL		<u>\$40,000</u>

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