

520533  
93A/10W

EAGLET MINES LIMITED

EXTENSION OF GEOLOGICAL REPORT

FLUORITE PROPERTY

EAGLET AND EAGLE CLAIMS

CARIBOO MINING DIVISION

QUESNEL LAKE, BRITISH COLUMBIA

N. T. S. 93-A-10 W

SEPTEMBER 8, 1980

BY: CLIVE W. BALL

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DEPARTMENT OF MINES AND PETROLEUM	
RESOURCES	

## I. CONCLUSION AND RECOMMENDATIONS

Since December of 1979, a cross-cut adit has been driven north a distance of 958 feet from the portal and a drift was completed a distance of 220 feet west to establish stations for diamond drilling. Thus a total of 1,178 feet of 8 feet by 10 feet trackless tunnel has been driven to date.

Seven diamond drill holes have been completed underground for a total footage of 5,000 feet.

The gneiss country rock is very competent and apart from minor fault zones, the walls and back are free standing. The only timber required except for the portal is a 20 foot interval covering a fault zone. The mine is essentially dry apart from water issuing from one diamond drill hole.

The backs of the cross-cut adit have been mapped in detail and geological profiles of both walls are being prepared by the field geologist.

Core recovery in diamond drilling is about 90 per cent and the holes are directed so as to cut the fluorite zones at right angles.

Assay results for the recent drill core are slow in forthcoming. However, the muck samples from the cross-cut adit indicate three important zones as follows:

From 265 feet to 325 feet average assay value = 5.6 per cent  $\text{CaF}_2$

From 500 feet to 595 feet average assay value = 4.2 per cent  $\text{CaF}_2$

From 700 feet to 795 feet average assay value = 4.4 per cent  $\text{CaF}_2$

Diamond drill hole U-1 was drilled due north from the end of the cross-cut adit. Average assay value from the collar of the hole 0 to 87.7' = 87.7 feet is 6.2 per cent  $\text{CaF}_2$ .

It is recommended that the proposed work program as outlined in Section VI and Appendix A (Estimate of Costs) be instituted. The program involves surface and underground diamond drilling and underground development in the Canyon area at an estimated total cost of \$632,800.00.

## II. INTRODUCTION

The writer was commissioned by Mr. Andrew Robertson, President of Eaglet Mines Limited to visit the mine site and an examination was made of the underground workings and recent diamond drill core on August 26th, 1980. Mr. Russell Davis, Project Manager acted as guide and Mr. Douglas McLarty, Geologist was available for discussions on logging and analysis of diamond drill core. This report is further to my earlier report dated May 25, 1979, the conclusion and recommendations of which were published in the Company's Prospectus dated July 20, 1979.

## III. PROPERTY AND OWNERSHIP

The 40 mineral claims constituting the Eagle and Eaglet groups as listed in the writer's geological report of May 25, 1979 were abandoned and relocated under the modified grid system. Consequently, the Eaglet claim of 20 units and the Wasko claim of 20 units were staked and are now in good standing. Record date for each of the latter claims is 24th October, 1979.

The mineral claims are recorded in the Cariboo Mining Division and the registered owner is Eaglet Mines Limited.

IV. SUMMARY OF WORK COMPLETED ON PROPERTY

The cross-cut adit has been advanced a total distance of 958 feet from the portal and a drift was completed a distance of 220 feet due west to establish stations for underground diamond drilling. Thus a total of 1,178 feet of 8 feet by 10 feet underground trackless tunnelling has been completed.

Seven diamond drill holes (AQ wire-line) have been completed underground for a total footage of approximately 5,000 feet. The locations of the diamond drill holes are shown on the accompanying map (Appendix C). All of the drill holes are flat.

V. RESULTS OF UNDERGROUND WORK

(1) Cross-cut adit

The walls of the cross-cut adit are being mapped in detail and the resultant profiles show that the fluorite mineralization is widespread. The backs of the underground workings have also been mapped.

Foliation of the gneiss country-rock, silicification, sericitization and zones of fracturing are all depicted on the geological profiles.

One very important feature of the country-rock is its competent nature. Very little timbering is required. Five sets of timber or 60 feet is installed at the portal and timbering was noted in a fault zone over a 20 foot interval from 440 feet to 460 feet from the portal.

The mine is essentially dry except that diamond drill hole U-2 makes a considerable amount of water and diamond drill holes U-1 and U-4 make slight amounts of water.

Three main zones of fluorite mineralization have been established in the cross-cut adit as follows:

From 265 feet to 325 feet average assay muck samples = 5.6 per cent  $\text{CaF}_2$

From 500 feet to 595 feet average assay muck samples = 4.2 per cent  $\text{CaF}_2$

From 700 feet to 795 feet average assay muck samples = 4.4 per cent  $\text{CaF}_2$

The muck samples are based on grab samples taken from each scoop-tram load leaving the portal for the mine dump.

Both walls were channel sampled systematically over 10 foot intervals as a direct check on the muck samples.

(2) Underground diamond drilling

The gneiss country-rock cores very well and good core recovery is indicated, probably about 90 per cent.

Diamond drill hole U-1/80 collared from the end of the cross-cut adit and driven due north was completed at 989 feet. From 0 to 87.7 feet = 87.7 feet average assay value if 6.2 per cent  $\text{CaF}_2$  .

Assay results are not yet at hand for the remaining underground diamond drill holes. Since it is difficult to make reliable visual estimates of the grade of fluorite, reliance has to be made on assays. It is expected that further assay results will be forthcoming within the next 2 to 3 weeks.

The gneiss country-rock has a strong foliation trending north-eastwards and since the fluorite mineralization tends to follow fracture zones and planes striking north-east, the underground diamond drill holes are driven in such a direction (north-west and south-east) so as to cut the favorable fluorite zones at right angles.

Underground diamond drill holes  
completed as at September 1, 1980

<u>DIAMOND DRILL HOLE NO.</u>	<u>AZIMUTH</u>	<u>LOCATION (DISTANCE FROM PORTAL)</u>	<u>TOTAL DEPTH (FEET)</u>
U-1/80	Due north	End of cross-cut	959'
U-2/80	135°	893' cross-cut	948'
U-3/80	135°	656' cross-cut	293'
U-4/80	Due east	423' cross-cut	1,306'
U-5/80	N45°W	End of stub drift	657'
U-6/80	N45°W	550' cross-cut	665'
U-7/80	Due west	End of stub drift	488'

VI. PROPOSED WORK PROGRAM

In view of the very encouraging results obtained to date, further work is warranted beyond the current work program.

It is considered essential to drive a cross-cut adit from the east of Barrett Canyon to test the fluorite mineralization in the Canyon. Proposed cross-cut adit is to be driven a total distance of 1,000 feet.

An accurate contour map is to be prepared from air photographs and surface and underground diamond drilling will compliment the results from the work in the existing and proposed adits.

The program involves 1,000 feet of cross-cut adit; 2,000 feet of underground diamond drilling and 5,000 feet of surface diamond drilling. Total cost of the program is estimated at \$632,800.00, as scheduled in Appendix A.

Respectfully submitted,

*Clive W. Ball, P. Eng.*

Clive W. Ball, P. Eng.  
Consulting Geologist

Vancouver, B.C.

September 8, 1980



APPENDIX 'A'

ESTIMATE OF COSTS

Bulk sampling program, proposed underground work  
and surface diamond drilling

1.	Underground diamond drilling	
	2,000 feet at \$24.00/ft.	\$ 48,000.00
2.	Surface diamond drilling	
	5,000 feet at \$40.00/ft.	200,000.00
3.	Underground development	
	Canyon area - east side	
	1,000 feet cross-cut at \$250.00/ft.	250,000.00
4.	Preparation of contour map	
	2 claim groups each of 20 units	
	= 2,000 acres	
	Contour interval = 10 metres	2,000.00
5.	Engineering and assaying	40,000.00
6.	Metallurgical testing	25,000.00
	Contingencies	<u>67,800.00</u>
	TOTAL	<u>\$632,800.00</u>

APPENDIX 'B'

WRITER'S CERTIFICATE

I, Clive W. Ball of 3191 West 36th Avenue, Vancouver, B. C. hereby certify as follows:

1. I am a consulting geologist residing at the above address.
2. I am an Honours graduate of the University of Queensland, Brisbane, Australia, holding a M.Sc. degree in Geology and Mineralogy.
3. As a geologist, I have practised my profession since 1935 in mining geology and exploration. For 30 years, I was employed as a geologist on the staff of Placer Development Limited, retiring as Chief Geologist in February, 1978.
4. I am registered as a member of the Association of Professional Engineers (Geological) of the Province of British Columbia.
5. Physical inventory and knowledge of the property is based on a mapping and survey program supervised by the writer in the field from May 16th to 24th, 1966 for Canex Aerial Exploration Limited. This early field examination was supplemented by a visit to the property on May 7th, 1979 when the principal fluorite showings were closely checked.
6. The latest report is based on the field examination of underground workings and diamond drill core completed in the current exploration program of 1980, at the time of the writer's visit on August 26, 1980.
7. I hold no interest whatsoever in the Company or in the property of Eaglet Mines Limited, as encompassed in my report.
8. I hereby consent to the use of this report in a Statement of Material Facts of the Company.

Respectfully submitted,

*Clive W. Ball, P. Eng.*

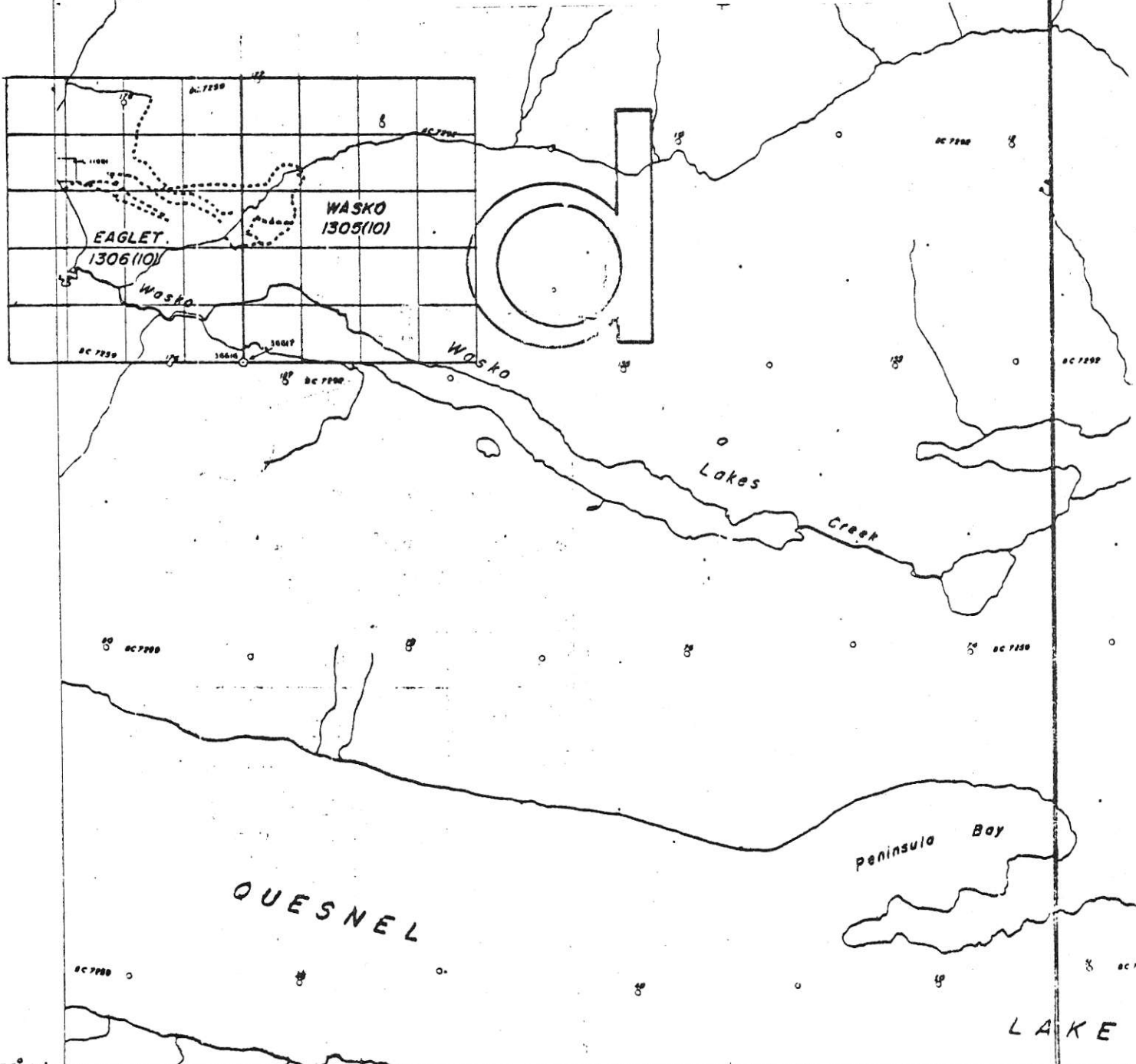
Clive W. Ball, P. Eng.  
Consulting Geologist

Vancouver, B. C.

September 8, 1980

Appendix D  
 Part of Map - M 93A/10 W  
 Department of Mines  
 and Petroleum Resources,  
 British Columbia.

SILVER-NO. 1  
 -50 (7)-

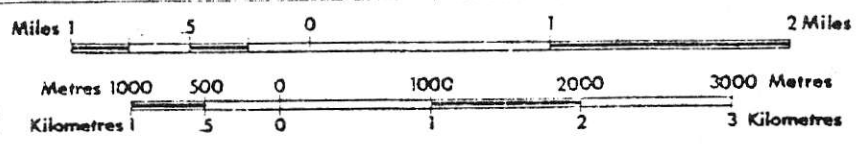


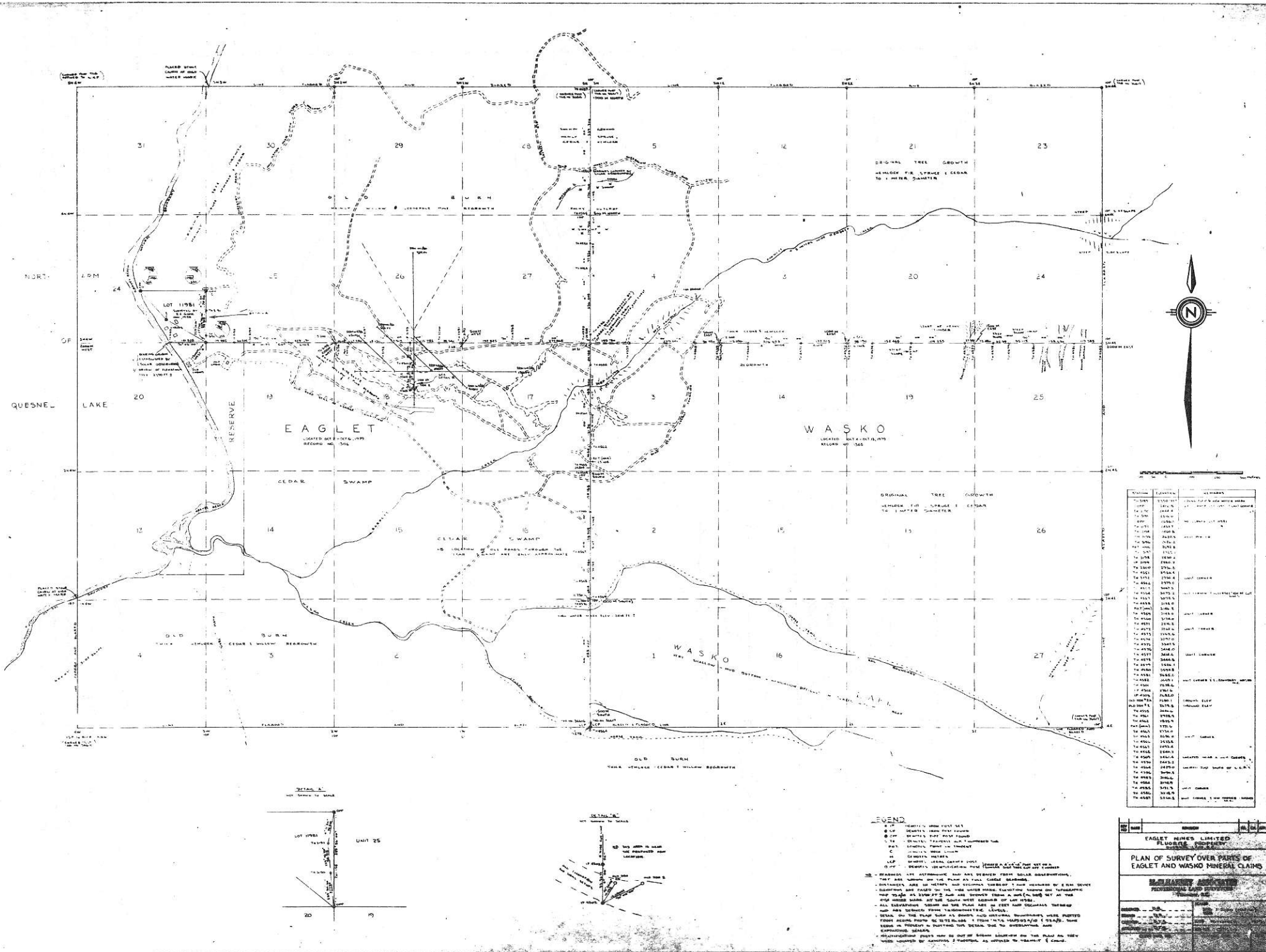
52° 30'  
 121° 00'

**CARIBOO MINING DIVISION**

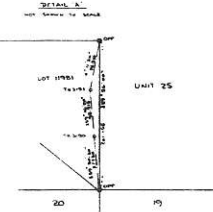
International Boundary ————  
 Provincial Boundary ————  
 Mining Division Boundary ————

Bridge ————  
 Tunnel ————  
 Power Trans. ————





Section	Area	Remarks
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31	1000	...



**LEGEND**

- ORIGINAL TREE GROWTH
- ○ ○ ○ ○ CLEAR SWAMP
- OLD BURN
- RESERVE
- WASKO LAKE
- SECTION BOUNDARIES
- LOT BOUNDARIES
- SURVEY LINE
- BEARING AND DISTANCE
- CORNER MARKERS
- ORIGINAL TREE GROWTH
- CLEAR SWAMP
- OLD BURN
- RESERVE
- WASKO LAKE
- SECTION BOUNDARIES
- LOT BOUNDARIES
- SURVEY LINE
- BEARING AND DISTANCE
- CORNER MARKERS

**EAGLET MINES LIMITED**  
**PLANS**  
**PLAN OF SURVEY OVER PARTS OF EAGLET AND WASKO MINERAL CLAIMS**  
**PREPARED BY**  
**PROFESSOR L. J. BROWN**  
**1911**

20. STATUTORY RIGHTS OF RESCISSION

Sections 61 and 62 of the Securities Act (British Columbia) provides in effect, that where a security is offered to the public in the course of primary distribution:

- (a) A purchaser has a right to rescind a contract for the purchase of a security, while still the owner thereof, if a copy of the last Statement of Material Facts, together with financial statements and a summary of engineering reports as filed with the Vancouver Stock Exchange, was not delivered to him or his agent prior to delivery to either of them of the written confirmation of the sale of the securities. Written notice of intention to commence an action for rescission must be served on the person who contracted to sell within 60 days of the date of delivery of the written confirmation, but no action shall be commenced after the expiration of three months from the date of service of such notice.
- (b) A purchaser has the right to rescind a contract for the purchase of such security, while still the owner thereof, if the Statement of Material Facts or any amended Statement of Material Facts offering such security contains an untrue statement of material fact or omits to state a material fact necessary in order to make any statement therein not misleading in the light of the circumstances in which it was made, but no action to enforce this right can be commenced by a purchaser after expiration of 90 days from the later of the date of such contract or the date on which such Statement of Material Facts or amended Statement of Material Facts is received or is deemed to be received by him or his agent.

Reference is made to the said Act for the complete text of the provisions under which the foregoing rights are conferred.

21. CERTIFICATE OF THE DIRECTORS AND PROMOTERS OF THE ISSUER:

The foregoing constitutes full, true, and plain disclosure of all material facts relating to the securities offered by this Statement of Material Facts.

September 16, 1980  
(Date)

EAGLET MINES LTD.

Per: *Andrew Robertson*  
Andrew Robertson, President & Director & Promoter

*John Michael Ashton*  
John Michael Ashton, Director & Promoter

*Allan John Hammond*  
Allan John Hammond, Vice-President, Director & Promoter

*Earl F. Hammond*  
Earl F. Hammond, Director

CERTIFICATE OF THE UNDERWRITER(S):

To the best of our knowledge, information, and belief, the foregoing constitutes full, true, and plain disclosure of all material facts relating to the securities offered by this Statement of Material Facts.

September 17, 1980  
(Date)

CONTINENTAL CARLISLE DOUGLAS

Per: *[Signature]*