

4186

ASSESSMENT - GEOPHYSICAL REPORT

on the

AIRBORNE MAGNETOMETER

AIRBORNE ELECTROMAGNETIC

AIRBORNE RADIOACTIVITY

of the

R1 - 8 MINERAL CLAIMS

RB1 - 12 MINERAL CLAIMS

BLACKWATER MOUNTAIN - RIVER AREA

CARIBOO MINING DIVISION

BRITISH COLUMBIA

Latitude 53°11' North; Longitude 122°55' West

RUDOLPH BADER

VANCOUVER, BRITISH COLUMBIA

Airborne Surveys by: Waterton Airex Ltd.

Interpretation by: Weymark Engineering Ltd.

11 January 1973

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT

NO.

4186

MAP

DOMINION OF CANADA:

PROVINCE OF BRITISH COLUMBIA.

To Wit:

In the Matter of

A Geophysical Survey on behalf of Rudolf Bader, 404 - 1139 Barclay Street, Vancouver 5, British Columbia.

I, William James Weymark, P. Eng., President of Weymark Engineering Ltd., of 3310 Westmount Road, West Vancouver, British Columbia.

of

in the Province of British Columbia, do solemnly declare that an aeromagnetic, electromagnetic and radioactivity survey has been conducted on the "R" 1-8 and "RB" 1 - 12 Mineral Claims, Blackwater Mountain - River Area, Cariboo Mining Division, British Columbia, December 1972 - January 1973 with Report issued 11th January 1973.

The following expenses were incurred:

- 1. Waterton Airex Ltd., - Flying, positioning and reading Airborne Magnetometer, Electromagnetic and Radioactivity tests on aforesaid claims:

Approx: 50 miles at \$15.00 per mile \$750.00

- 2. Paid to Weymark Engineering Ltd., to cover geophysists supervision, calculating, plotting and fairdrawing data and preparation of final reports.

Approx: 50 miles at \$27.00 per mile 1300.00

Total \$2050.00

Navigational aids were furnished by Rudolf Bader and Weymark Engineering Ltd. to assist flight navigation

And I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath and by virtue of the "Canada Evidence Act."

Declared before me at the City of Vancouver, in the Province of British Columbia, this 11th day of January, 1973, A.D.

Signature of William J. Weymark P. Eng. President Weymark Engineering Ltd

A Commissioner for taking Affidavits within British Columbia or A Notary Public in and for the Province of British Columbia.

ASSESSMENT - GEOPHYSICAL REPORT

BLACKWATER RIVER - MOUNTAIN AREA

"R" and "RB" MINERAL CLAIMS GROUP

CARIBOO MINING DIVISION

BRITISH COLUMBIA

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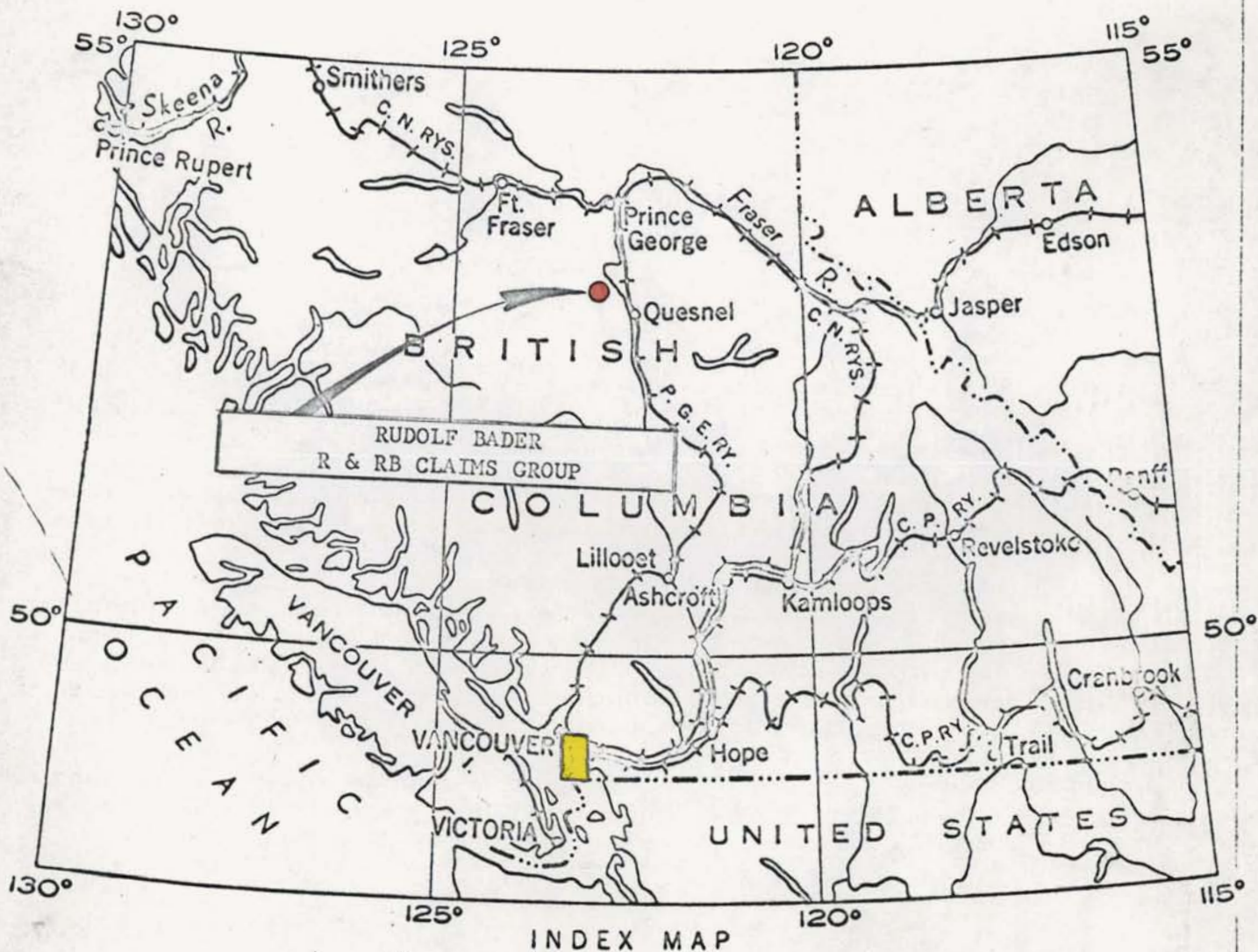
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LOCATION

RUDOLF BADER

BLACKWATER MOUNTAIN AREA

R & RB MINERAL CLAIMS

CARIBOO MINING DIVISION

BRITISH COLUMBIA

Department of

Mines and Petroleum Resources

ASSESSMENT REPORT

NO. 4186 MAP #1

WEYMARK ENGINEERING LTD.

Consulting Engineers

3310 WESTMOUNT ROAD
WEST VANCOUVER, B.C.
CANADA

TELEPHONE
922-1536

11 January 1973

Mr. Rudolf Bader
404 - 1139 Barclay Street
Vancouver 5, British Columbia

Dear Mr. Bader:

Re: Assessment Geophysical Report
Blackwater "R" and RB" Claims
Cariboo Mining Division
British Columbia

I am pleased to submit for your information, this Assessment Geophysical Report of the results of the Aerial Geophysical Surveys completed on the 31st December 1972 by Waterton Airex Ltd., Sydney, British Columbia and the interpretation by William Chang M. Sc., Geophysics, McGill University and W. J. Weymark P. Eng. of the recorded field readings over the R 1-8 and the RB 1-12 Mineral Claims, Blackwater River-Mountain Area, Cariboo Mining Division, British Columbia.

Background technical references relating to the Blackwater River-Mountain Area are given in the Annual Reports of the B. C. Minister of Mines dating back to before the turn of the century and various gold placer and other metallics have been recorded. No previous reports are known to the writer relating to the "R" and RB" claims.

1.0 Property: The area covered by the aerial geophysical surveys involved the "R" 1-8 and "RB" 1-12. Designation details are given in the following table and shown on Figures: 1 and 2.

<u>Claim Name</u>	<u>Staking Date</u>	<u>Number</u>	<u>Date</u>
R 1 - 8	1 July 1972	67102 - 09	13 Jul/72
RB 1 - 12	2 July 1972	67110 - 21	13 Jul/72

The claims were located by Rudolf Bader of Vancouver and recorded in his name.

No surveys have been of the claim lines, posts or tags, so compliance with the Regulations of the Mineral Act of the Province of British Columbia cannot be verified at this time. There are no structures or buildings on the property belonging to the claims holder,

2.0 Location: The "R" and "RB" Claims are located in the Quesnel Land District with Registry Office in Quesnel and the Cariboo Mining Division with Recording Office in Quesnel. The geographic reference is Longitude 122° 55' West and North Latitude 53° 11'. The claims area is situated about 20 miles

northwesterly from Quesnel following the Bouchie Lake - Blackwater Road. This road is open to automobile usage except during heavy snowfall and fire-peril periods. Elevations on the claims area range from 2200 to 3500 feet above sea level, see Figure: 4. The claims area is mostly overburden covered and treed.

3.0 Geology: The presented interpretation of the geological formations of the area are given on Map 49-1960, Geology, Prince George Cariboo District, British Columbia, Geological Survey of Canada, 1961.

Referring to Figure: 5, it will be noted that the area is mostly underlain by volcanics and sediments of the Miocene Period which overlay Cache Creek sediments and volcanics. The intrusions are granodiorites, quartz diorite, diorite through to gabbro of Jurassic age.

Details about local geology are scanty because of the few outcrops. For the most part the claims are underlain by volcanics and minor sediments of Paleocene (?) To Oligocene periods. Detailed mapping is required.

4.0 Mineral Zones: To date no mineral zones have been located on the claims area, however, placer gold and Psilomelane, manganese oxide-hydrate have been located along the West Road (Blackwater) River. Asbestos has been noted in the serpentinized peridotites.

5.0 Geophysical Surveys: The area has been covered by the Aeromagnetic Series, Department of Mines and Technical Surveys, reference Sheet 93G/2; Map Np. 1547G, Cottonwood Canyon, B.C. See Figure: 6. As noted thereon, a low is centered within the claims area with steep gradients peaking to 4500 and 5000 x 10 gammas respectively to the northwest and southeast. The trend of the lineaments is northwesterly-southeasterly.

As the next phase of the investigation of geophysical assessment of the possibilities, an airborne geophysical survey was conducted under contract by Waterton Airex Ltd., of Sidney, British Columbia on the 31st December 1972. Flight readings were taken, see Figure: 6 and consisted of combined aeromagnetic, electromagnetic and radioactivity testing.

The survey covered the claims area and involved 16 runs each 16,000 feet in length. These runs were 500 ft apart and were flown to a true bearing of 160° or alternatively 340°. The plane was captained by Claude Waterton, VRS-536 Senior Commercial, the co-pilot was Arnold Parley, both of Sidney, British Columbia. The flight plan was filed with the D.O.T. Williams Lake. Figure: 7 shows the flight plan pattern, Figure: 87 gives the readings for each of the surveys submitted by Waterton Airex Ltd.

Appendix A contains the details relating to the aircraft and the instrumentation used.

Referring to Figure: 7, it will be noted that,-

- the variation in Radioactivity readings ranged from 0 to 1/100 MR/HR
- the variation in Electromagnetic readings ranged from 1 to 15 (x.1 microamps)
- the variation in magnetometer readings varied from

Rudolf Bader; Assessment Geophysical Report, "R" and "RB" Claims

- 0 to +28 (x 100) gammas. Background average was set at "10"
 - for the radioactivity and Electromagnetic tests, background was dialed out!

Results: Referring to Figure: 9, it will be noted that there is a strong northwesterly trend to the magnetometer readings and two "Highs" trend on the "R" claims, trending the "Low" of the GSC Aero magnetic, see Figure: 6. The "high" and "Low" zones on the "RB" have larger aerial extent. The "EM" "Highs" on the "R" claims indicate an easterly trend, normal to the geological and magnetometer trend. The overlap of the "EM" "high" zones with the "high" and "Low" magnetometer zones provides area of interest. Trending on the "RB" claims of the "EM" appears to be northwesterly conforming with the Magnetometer "Highs"

Increased radioactivity appears to trend northwesterly on the "R" claims and northeasterly on the "RB" claims

6.0 Summary Conclusions:

The results of the surveys, as presently interpreted are:

- i. There is a coincidence in the magnetometer "High" and "Low" zones as portrayed on the Aeromagnetic survey Map 1547C and those by Waterton Airex Ltd.
- ii. Interesting overlap "EM" and "Magnetometer "High" and "Low" zones as indicated on the "R" and "RB" claims provide areas of interest as characteristic of the Waterton methods.
- iii. Increased radioactivity concentrations about the "High" "EM" zones provides an interesting feature.
- iv. Interpretation of the geophysical relationships cannot definitively be resolved from the information base available. Further ground geological-geophysical information is required.

7.0 Recommendations:

On the bases of the results obtained from the relating geophysical surveys referred to in this report, it is considered that further field investigations are warranted and that successively ground geochemical and geophysical, - magnetometer, electromagnetic and induced polarization surveys should be initiated in conjunction with detailed geological mapping to assess the metalliferous possibilities of the "R" 1-8 and "RB" 1-12 Mineral Claims. First attention should be directed toward the anomalous zones indicated on Figure: 9.

Respectfully submitted,


 William J. Weymark P. Eng.
 President
 Weymark Engineering Ltd.

11 January 1973

CERTIFICATE

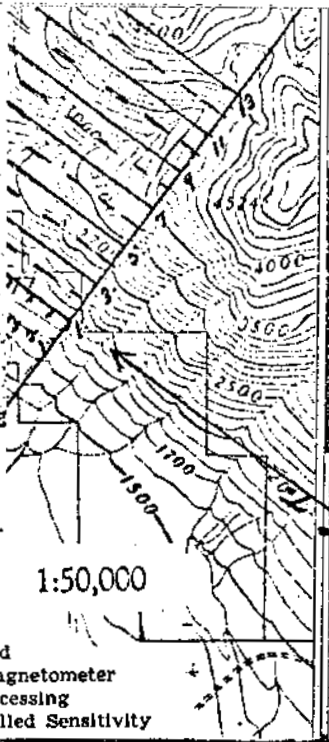
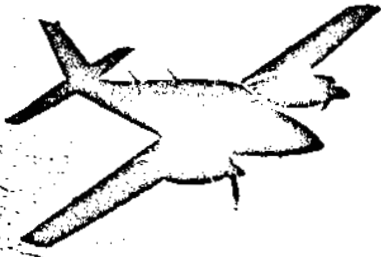
I, William James Weymark, P. Eng., Consulting Engineer, President of Weymark Engineering Ltd., of the District of West Vancouver, of the Province of British Columbia hereby certify that:

1. I am a graduate of Mining Engineering of Queen's University, Kingston, Ontario, B. Sc., 1940 and have been practising my profession for twenty-five years.
2. I am a practising Consulting Engineer and reside at 3310 Westmount Road, West Vancouver, Province of British Columbia.
3. I am a member of the Association of Professional Engineers of the Province of British Columbia and also of the Consulting Engineers' Division of the Association of Professional Engineers of British Columbia.
4. I am a member of the Canadian Institute of Mining and Metallurgy, of the American Institute of Mining, Metallurgical and Petroleum Engineers and of the American Geophysical Union.
5. I have no direct or indirect interest whatsoever in the holdings of Rudolf Bader of 404 - 1139 Barclay Street, Vancouver 5, British Columbia, or do I expect to receive any interest direct or indirect from him or in the "R" or "RB" Mineral Claims.
6. The findings of the accompanying report are based on my personal knowledge of the Blackwater Mountain-River Area and study of the geophysical field test readings and the ~~accompanying~~ relating geological-mineralogical information. The geophysical readings and studies were made together with William Chang, M. Sc. Geophysics, McGill University.

DATED at West Vancouver, British Columbia this 11th day of January 1973.



APPENDICES



ANNEX A					
3	05° 02' 07"				
2	05° 02' 07"				
1	05° 02' 07"				
	1	2	3	4	5

GRID SCALE: 1000' TO 1 INCH

- HIGH MAG. +
- LOW MAG. -
- ELECTROMAGNETIC
- RADIOACTIVITY

- ELECTROMAGNETIC .7 MICROAMPS
- RADIOACTIVITY .002 MR/HR.
- MAGNETOMETER 500 GAMMAS

WATERTON AIREX LTD.

AIRBORNE GEOPHYSICS
(Incorporated 1964)

- A Patented Combined Method
- Total Radioactivity
- Selective Radioactive Threshold
- Electromagnetic + Magnetometer
- Computer Processing
- Controlled Sensitivity

VICTORIA INTERNATIONAL AIRPORT

Box 2002, SIDNEY, B.C., CANADA

PHONE 656-2194

Proven in Western and Northern Canada for the highest degree of accuracy at the lowest cost. \$10. per lineal mile including base and positioning expenses on average surveys. Oil assessment in the North at \$12. per lineal mile.

A 400 square mile area at 1,000 foot spacing would cost \$20,000. and could be completed in three weeks. This should put your ground party a year or more ahead in their exploration program.

By the use of this combination method 80% of the unproductive anomalies can be calculated out of the survey which results in keeping the ground follow up costs to a minimum.

Electromagnetics: Waterton quadrature system.
Trans. on 1,000 CPS. Receive in units of .1 microamperes.

Magnetometer: Flux-gate Sharpe PMF-3 or McPhar M700.
Proton, GeoMetrics G-806. (Modified to our system.)
Receive in units of 10 to 100 Gammas.

Radioactivity: Detectron - DR299 24 tubes.
Receive in units of .001 MR/HR. (Total count.)

Threshold: McPhar TV-3B, three inch crystal.
Positions 1.3 - 1.63 - 2.5 Mev.

Grid supplied in scales of 1,000 to 2,000 feet per inch, with clear overlays showing the anomalous areas.

Ground checks over mountain areas have found the accuracy to be within 500 feet on a 500 foot grid.

Over 15,000 lineal miles of reconnaissance and assessment assistance completed in 40 different areas by the end of 1970.

Operation range up to 400 miles from base.

Aircraft type: Cherokee 235 - Twin Comanche.

Computer processing available.

Our patented method incorporates the combined readings from a flux-gate magnetometer, a nucliometer and a miniaturized electromagnetic unit. The readings are recorded instantly on film and timed electrically to enable the readings to be entered on a grid of a chosen scale.

To obtain anomalies of most value level lines are flown in a certain plane and a fixed wing aircraft is chosen as the most suitable vehicle for this purpose.

Any inaccuracy in the timed readings due to airspeed error is calculated out before the readings are entered on the grid.

The instruments are set on "0" over a predetermined spot near the survey area and this adjustment is made after each $1\frac{1}{2}$ hours. The survey flying is done in certain conditions and at certain times of the day.

Station-keeping is accomplished by electrical counter, reference to topographical features, directional gyro set from compass or astro compass and a set flying technique. Ground checks from over twenty mountainous areas have found the accuracy of this method to be between 250 feet and 500 feet on a 500 foot grid.

Anomalies are plotted from the grid on to transparent sheets and the resulting overlays give us the combination anomalies which, in our experience, have been the most successful.

Magnetometer: PMF-3 Sharpe or McPhar M-700 is used when adjusted to our method. Readings are in units of 100 gammas for mineral reconnaissance and in units of 10 gammas for oil reconnaissance.

Electromagnetic: Built by our company to a miniature scale to enable us to use small aircraft to keep the cost of survey to our rates.

With the sensitivity set at 30%, disseminated sulphides usually read in the 3 to 5 range and heavy sulphides in the 10 to 15 range on a scale division of 25.

The transmitted electrical field is from 200 feet of copper wire attached to the bottom of the aircraft in the horizontal plane and power is taken from the aircraft generator and built up to required strength by the field transmitter which operates in the 1,000 CPS range.

A small 10 oz bird is drawn behind the aircraft powered by its own mercury cell and its receiving coil is in the vertical, 90° to the transmitted field. A booster receiver in the aircraft produces the received signal in units of .1 microamperes.

Nucliometer: Detectron - DR299, 24 tubes suited to airborne work to obtain total radioactive readings in units of .001 MR/HR, milliroentgens per hour. Threshold readings are taken from McPhar TV-3B with 3" crystal.

Computer processing is used when requested, but for this the magnetometer average in the areas is set at 3,000 gammas.

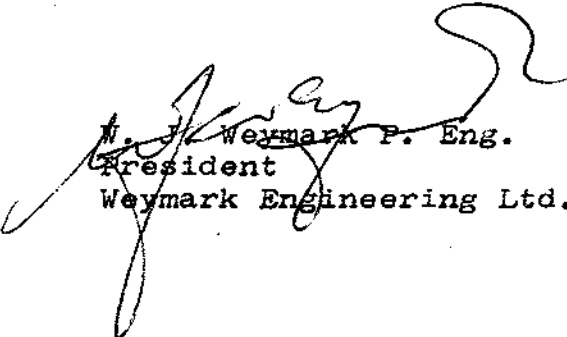
APPENDIX - B

COST DISTRIBUTION

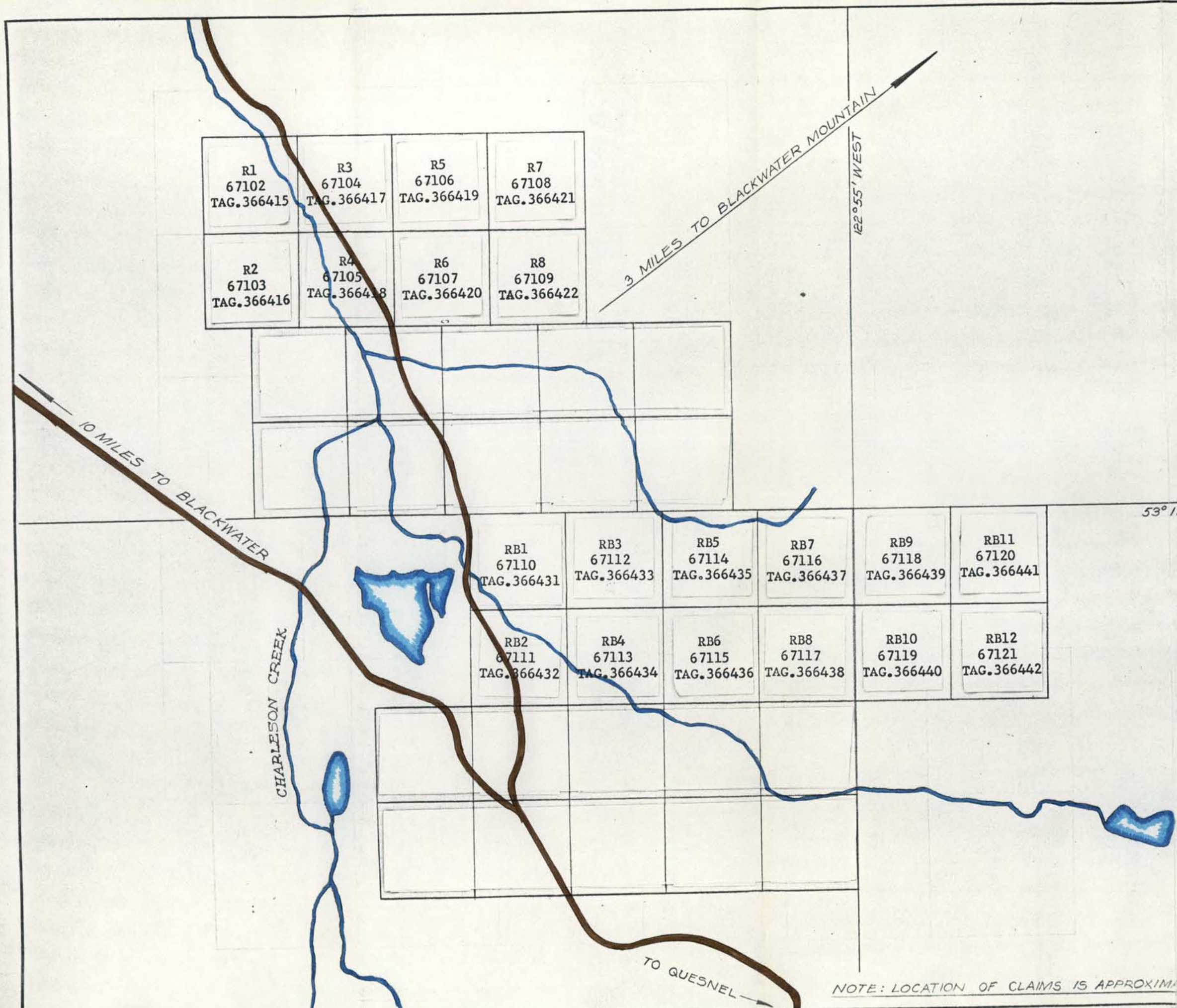
1. Waterton Airèx Ltd., conducting airborne Aeromagnetic, Electromagnetic and Radioactivity readings at 500-ft intervals, 48 miles flight lines "R" 1-8 and "RB" Mineral Claims, Cariboo Mining Division \$750.00
2. Weymark Engineering Ltd., interpretation of geophysical survey readings and preparation and submission of Report dated 11th January 1973 1300.00

Total

\$2050.00


W. J. Weymark P. Eng.
President
Weymark Engineering Ltd.

ILLUSTRATIONS



R1 67102 TAG.366415	R3 67104 TAG.366417	R5 67106 TAG.366419	R7 67108 TAG.366421
R2 67103 TAG.366416	R4 67105 TAG.366418	R6 67107 TAG.366420	R8 67109 TAG.366422

RB1 67110 TAG.366431	RB3 67112 TAG.366433	RB5 67114 TAG.366435	RB7 67116 TAG.366437	RB9 67118 TAG.366439	RB11 67120 TAG.366441
RB2 67111 TAG.366432	RB4 67113 TAG.366434	RB6 67115 TAG.366436	RB8 67117 TAG.366438	RB10 67119 TAG.366440	RB12 67121 TAG.366442

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. **4186** MAP #2

REFERENCE: B.C. MINISTER OF MINES
MAP NO. 93G/2W. CARIBOO MINING
DIVISION.

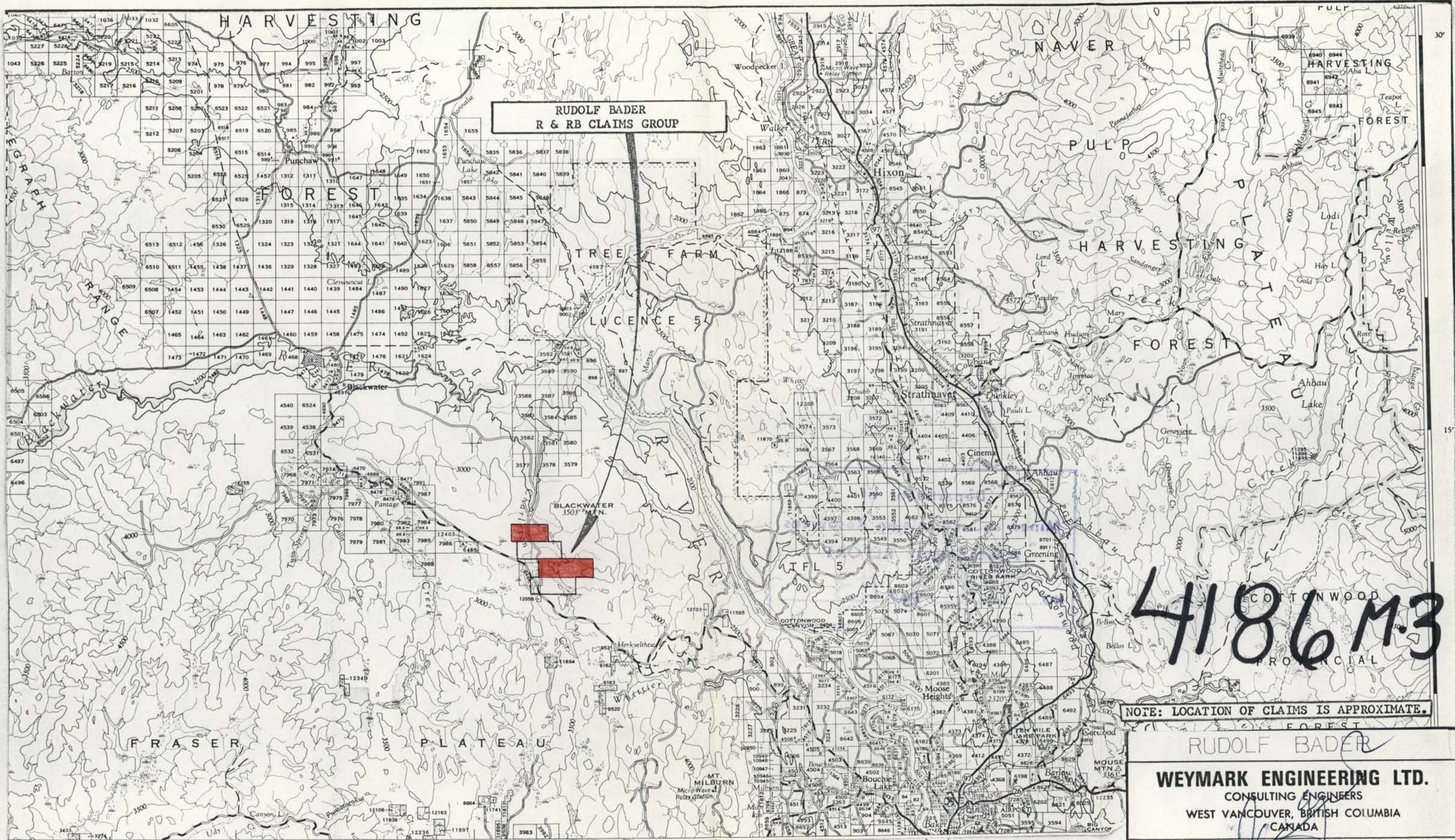
RUDOLF BADER
WEYMARK ENGINEERING LTD.
CONSULTING ENGINEERS
WEST VANCOUVER, BRITISH COLUMBIA
CANADA

R & RB CLAIMS GROUP
CLAIMS LOCATION

DATE 11 JANUARY 1973	SCALE 1" = 1500' APPROX.
SUBMITTED W.J.W.	CHECKED W.J.W.
DRAWN D. CRESDEE	FILE No. BE-1
TRACED D. CRESDEE	CONTRACT EE-1

NOTE: LOCATION OF CLAIMS IS APPROXIMATE

FIG. 2



NOTE: LOCATION OF CLAIMS IS APPROXIMATE.

RUDOLF BADER
WEYMARK ENGINEERING LTD.
 CONSULTING ENGINEERS
 WEST VANCOUVER, BRITISH COLUMBIA
 CANADA

R & RB CLAIMS GROUP
 ACCESS & TOPOGRAPHY

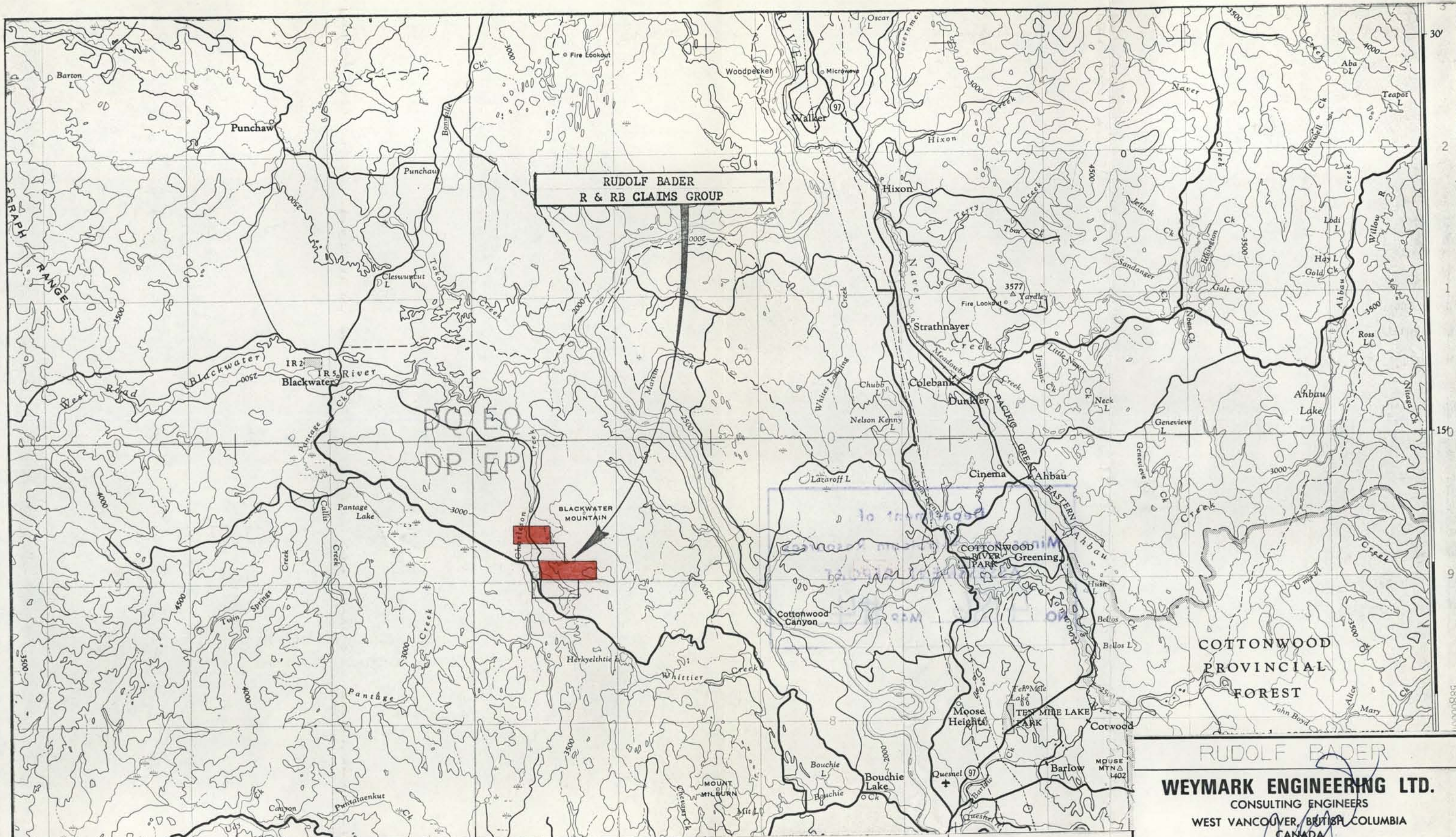
DATE 11 JANUARY 1973	SCALE AS SHOWN
SUBMITTED W.J.W.	CHECKED W.J.W.
DRAWN D. CRESDEE	FILE No. BE-1
TRACED D. CRESDEE	CONTRACT BE-1

Scale 1:250,000 or approximately 1 Inch to 4 Miles

REFERENCE: NATIONAL TOPOGRAPHIC SYSTEM OF CANADA. FIRST STATUS EDITION, SHEET 93G, PRINCE GEORGE, B.C. DEPARTMENT OF LANDS, FORESTS & WATER RESOURCES, VICTORIA.

2 1/2 MILES TO QUESNEL 2 MILES TO QUESNEL

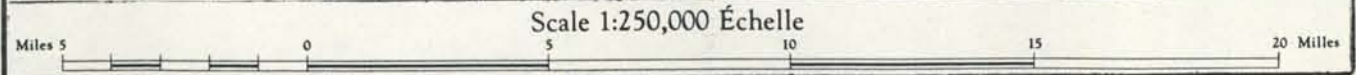
QUESNEL



RUDOLF BADER
R & RB CLAIMS GROUP

BLACKWATER MOUNTAIN

COTTONWOOD
PROVINCIAL
FOREST



REFERENCE: TOPOGRAPHY, SHEET 93G,
EDITION 1 ASE, SERIES A502 PRINCE
GEORGE, B.C. DEPARTMENT OF ENERGY,
MINES & RESOURCES.

NOTE: LOCATION OF CLAIMS IS APPROXIMATE.

4186 M-4

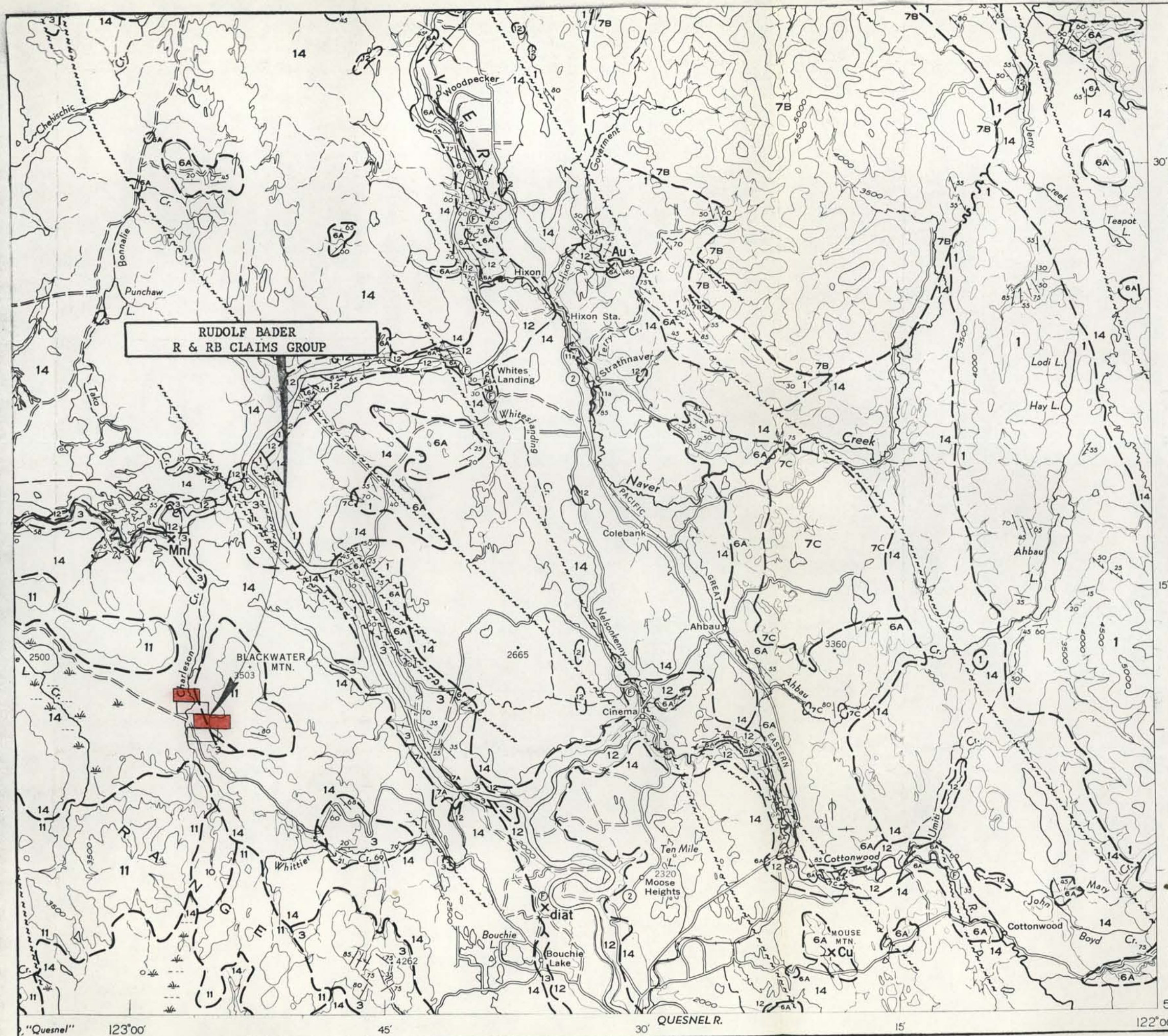
TO QUESNEL 2 MILES

RUDOLF BADER

WEYMARK ENGINEERING LTD.
CONSULTING ENGINEERS
WEST VANCOUVER, BRITISH COLUMBIA
CANADA

R & RB CLAIMS GROUP
TOPOGRAPHY

DATE 11 JANUARY 1973	SCALE AS SHOWN
SUBMITTED W.J.W	CHECKED W.J.W
DRAWN D. CRESDEE	FILE No. BE-1
TRACED D. CRESDEE	CONTRACT BE-1



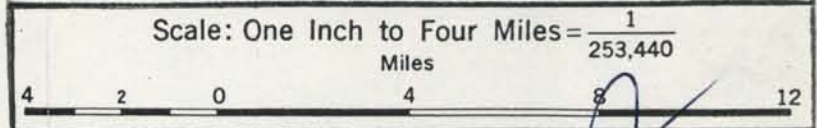
LEGEND

- PENNSYLVANIAN (?) AND PERMIAN
CACHE CREEK GROUP**
- 3 4 3. Black to dark grey ribbon chert, black argillite
 - 4. Green to black basic volcanic rocks, grey limestone; minor argillite and chert; 4a, mainly grey limestone
- PALEOCENE (?) TO OLIGOCENE**
- 11 Andesite, basalt, breccia, and tuff; 11a, minor sediments
- QUATERNARY
PLEISTOCENE AND RECENT**
- 14 Till, gravel, sand, clay, and silt

**Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 4186 MAP #5**

NOTE: LOCATION OF CLAIMS SI APPROXIMATE.

**REFERENCE: GEOLOGY, PRELIMINARY SERIES,
ADVANCE EDITION, SHEET 93G, MAP No.49-1960
PRINCE GEORGE, CAROBOO DISTRICT, B.C.
GEOLOGICAL SURVEY OF CANADA, OTTAWA.**



RUDOLF BADER

WEYMARK ENGINEERING LTD.
CONSULTING ENGINEERS
WEST VANCOUVER, BRITISH COLUMBIA
(CANADA)

**R & RB CLAIMS GROUP
GEOLOGY**

DATE 11 JANUARY 1973	SCALE AS SHOWN
SUBMITTED W.J.W.	CHECKED W.J.W.
DRAWN D. CRESDEE	FILE No. BE-1
TRACED D. CRESDEE	CONTRACT BE-1

123°00'

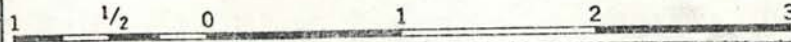
55'

50'

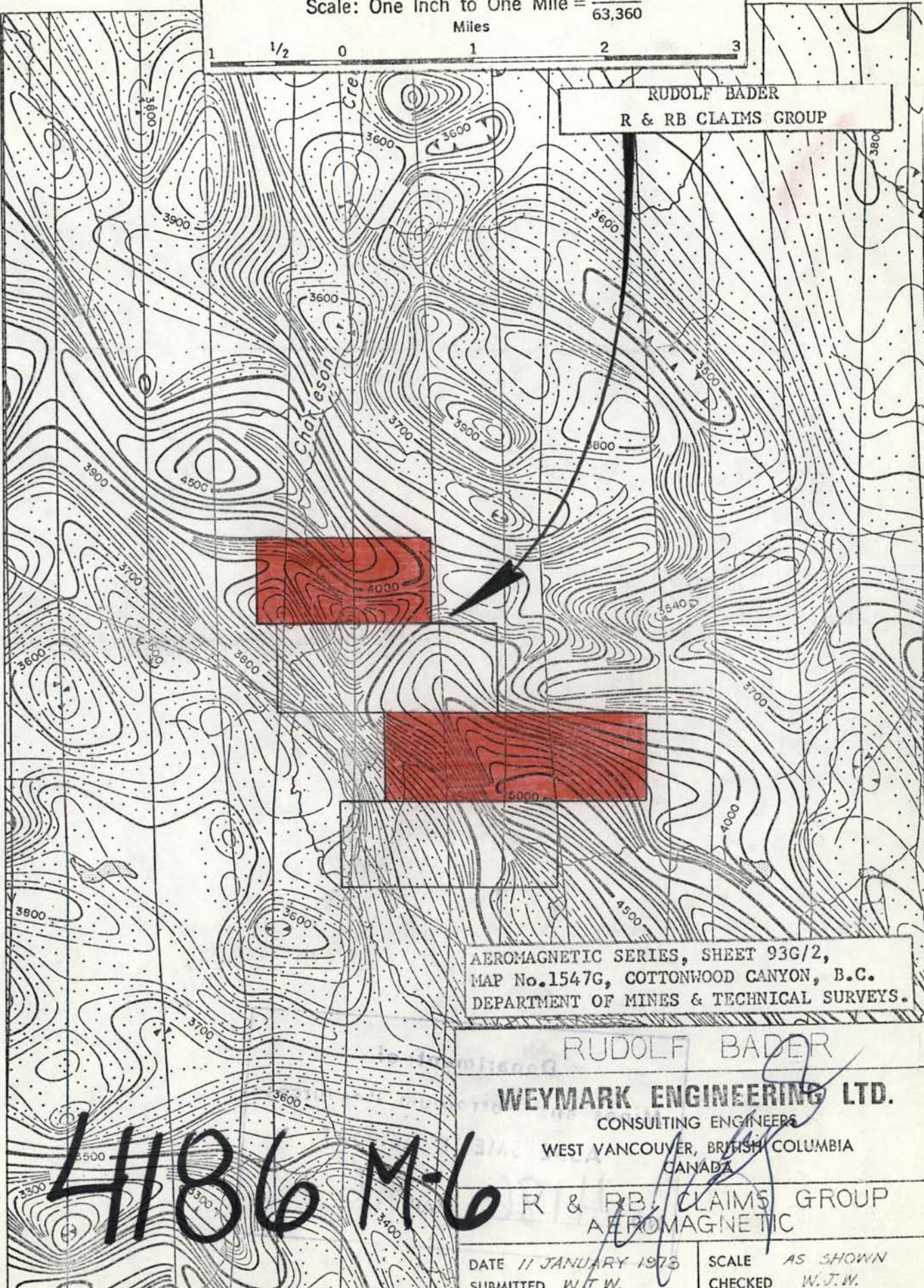
53°15'

Scale: One Inch to One Mile = $\frac{1}{63,360}$

Miles



RUDOLF BADER
R & RB CLAIMS GROUP



AEROMAGNETIC SERIES, SHEET 93G/2,
MAP No. 1547G, COTTONWOOD CANYON, B.C.
DEPARTMENT OF MINES & TECHNICAL SURVEYS.

RUDOLF BADER

WEYMARK ENGINEERING LTD.

CONSULTING ENGINEERS

WEST VANCOUVER, BRITISH COLUMBIA
CANADA

R & RB CLAIMS GROUP
AEROMAGNETIC

4186 M-6

NOTE: LOCATION OF CLAIMS IS APPROXIMATE.

DATE 11 JANUARY 1973
SUBMITTED W.T.W.
DRAWN D. CRESDEE
TRACED D. CRESDEE

SCALE AS SHOWN
CHECKED W.T.W.
FILE No. BE-1
CONTRACT BE-1

3579
Department of
Mines and Petroleum Resources
ASSESSMENT REPORT

NO. **4186** MAP # **7**

TO PRINCE GEORGE 59M

BLACKWATER
▲IP 1440M
3502'
MTN.

MAP USED FOR
AIRBORNE GEOPHYSICAL
RECONNAISSANCE DEC. 31, 1972
RUNS 500' APART.
ALT. ABOVE GROUND 5000'

Claude Waterton Pres.
ARNOLD PARLEY PILOT
WATERTON AIREX LTD.
AIRBORNE GEOPHYSICS
PAT. NO. 78308 CANADA (1957)

RUDOLPH BADER
BLACKWATER R & RB CLAIMS
AERO-GEOPHYSICAL SURVEYS

FLIGHT LINES
Waterton Airex Ltd.

31 December 1972

FIG. 7

33	17	4	10	1	15	4	12	6	10	1	15	2	6	4	10	8	13	7	5	9	12	8	10	1	11	4	12	5	10	10	
32	16	6	10	4	15	5	14	4	15	4	15	10	5	3	12	11	10	4	5	2	18	5	10	9	10	3	11	5	8	6	
31	20	6	8	3	14		8	4	11	1	15	10	6	1	10	3	9	5	10	5	19	4	12	7	12	6	10	4	7	1	
30	21	5	8	4	15	10	1	10	7	2	4	7	4	1	6	4	9	6	2	9	15	4	25	1	14	1	12	9	13	9	0
29	22	4	7	4	10	2	10	5	11	10	10	10	6	9	10	4	10	6	5	6	11	1	15	5	12	0	11	4	12	6	
28	9	1	5	2	14	2	10	9	9	4	10	10	5	12	9	3	10	6	5	11	10	5	14	4	12	10	11	11	13	14	
27	10	1	5	3	15	2	8	5	10	4	11	2	5	8	10	4	9	1	9	9	13	10	10	1	12	9	12	1	12	4	
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25	12	10	6	4	11	9	6	7	6	7	14	3	10	1	9	1	12	2	5	4	8	10	8	10	16	7	9	9	7	6	
24	11	8	12	15	9	15	5	6	10	14	15	10	6	4	7	4	10	2	6	10	6	6	8	10	12	10	9	10	9	6	
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12	9	9	0	12	10	15	6	4	8	1	3	13	6	10	5	21	3	10	2	9	4	9	1	15	1	17	9	10	10		
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1	14	1	5	1	12	7	6	9	5	1	13	1	14	4	15	15	12	4	5	1	5	9	2	3	10	7	19	4	11	15	
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4186 M8

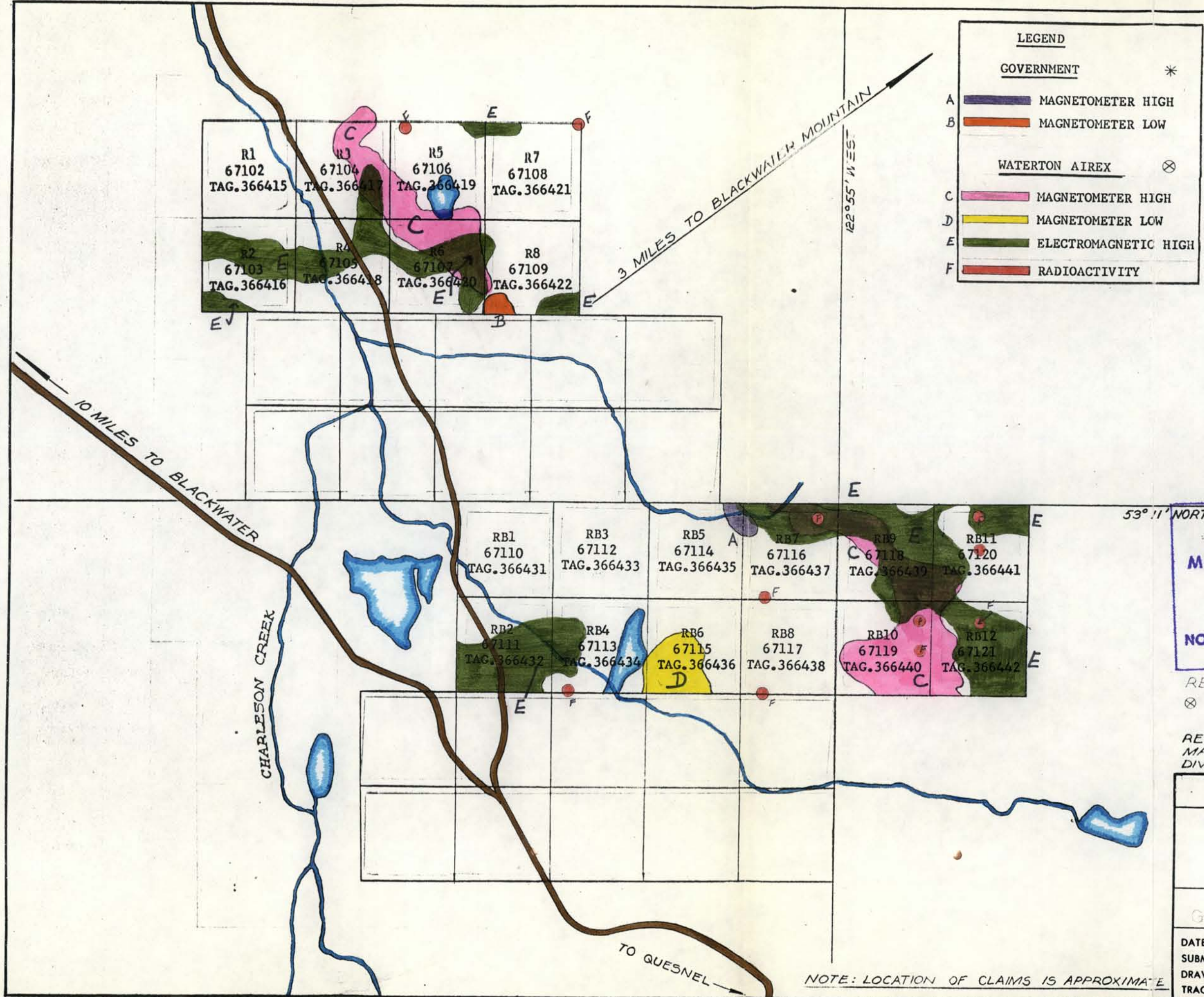
340° J.

ELECTROMAGNETIC UNITS : 1 MICRORAMPS
 RADIOACTIVITY UNITS : 0.01 MR/HR.
 MAGNETOMETER UNITS 100 GAMMAS

AIRBORNE GEOPHYSICAL RECONNAISSANCE
 "CHARLESON RIVER" AREA OF B.C. DEC. 31, 1972
 RUNS 500' APART, (OR 250' READINGS 500' APART)
 ALT. ABOVE GROUND 500' AVERAGE MAG. SET AT "40"
 GRID SCALE: ONE INCH = 1,000 FEET. **WATERTON AIREX LTD.**
 AIRBORNE GEOPHYSICS
 PAT. No. 758308 CANADA (1967)

GEOPHYSICAL SURVEY
 FIELD READINGS
 FIG. 8

Charles Waterton Pns.



Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 4186 MAP #9

REFERENCE: * SEE FIG. 6
⊗ SEE FIG. 8 AND 9.

REFERENCE: B.C. MINISTER OF MINES
MAP No. 236/2W CARIBOO MINING
DIVISION.

RUDOLF BADER

WEYMARK ENGINEERING LTD.
CONSULTING ENGINEERS
WEST VANCOUVER, BRITISH COLUMBIA
CANADA

R & RB CLAIMS GROUP
GEOPHYSICAL SURVEYS ANOMALIES

DATE 11 JANUARY 1973 SCALE 1" = 1500' APPROX.
SUBMITTED W.J.W. CHECKED W.J.W.
DRAWN B. CRESDEE FILE No. BE-1
TRACED D. CRESDEE CONTRACT BE-1

NOTE: LOCATION OF CLAIMS IS APPROXIMATE