

*Mark Creek Group*

G E O C H E M I C A L   S U R V E Y

-----

OF PART OF

BEAR NO. 7, TIGER NO. 7, OAK NO. 7,

FIR NO. 7, TIGER NO. 8, OAK NO. 8,

MINERAL CLAIMS

BEING PART OF

MARK CREEK GROUP

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*41° 46' LATITUDE, 115° 59' LONGITUDE      490 115° NW*

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BY

ROY A. ANDERSON

*82G/13W*

FOR

REEVES MACDONALD MINES LIMITED

FIELD WORK JULY 20th to AUGUST 22, 1961

REPORT COMPLETED SEPTEMBER 1, 1961

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T A B L E   O F   C O N T E N T S

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- PAGE 1 - REPORT OF AREA SAMPLED  
PAGE 2 - PERSONNEL  
PAGE 3 - STATEMENT OF EXPENDITURE

IN POCKET

- Figure 1 - PLAN SHOWING LOCATION OF SURVEY IN RELATION TO  
LOCATED AND CROWN GRANTED CLAIMS  
Figure 2 - PLAN SHOWING LOCATION OF SAMPLES WITH VALUES  
OBTAINED

<p>Department of Mines and Petroleum Resources ASSESSMENT REPORT NO. <u>355</u> MAP.....</p>
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GEOCHEMICAL SURVEY OF WESTERN EXPLORATION CO. LTD.  
PROPERTY  
KIMBERLEY, B.C.

A geochemical survey was conducted on the Western Exploration Co. property by the Reeves MacDonald Mining Company from July 20th to August 22nd, 1961 under the supervision of the writer during which time 441 samples were taken and analyzed in the field. The results of this survey are plotted on the accompanying plan.

Location control of the sampled lines was by compass and tape. Each sample was taken of the A<sub>1</sub> soil horizon consisting of both organic and mineral constituents directly beneath the surface layer of organic litter and above the A<sub>2</sub> horizon of gray impoverished soil.

Each sample of soil consisting of approximately 1/10 gram was dissolved in 1 cubic centimeter of a solution consisting of ammonium citrate buffer and hydroxalimine hydrochloride. This solution was then treated with 1 to 3 cubic centimeters of dithizone and Xylene and the color change of the dithizone solution was noted indicating the heavy metals equivalent to parts per million zinc in the soil. These heavy metals may be copper, lead, or zinc; the latter being more likely due to the relative abundance of zinc in the Kimberley district.

The anomaly indicated by the geochemical survey is a valuable guide to future exploration in the area and will be considered in conjunction with magnetic anomalies previously determined by both aerial and ground surveys.

AREA SAMPLED:

An area of 1400 by 1400 feet was sampled on the Oak No. 7 and Fir No. 7 claims. The samples were taken 100 feet apart on East-West lines and 50 feet apart on North-South lines. Also sampled at 100 foot intervals was the North-South claim line between the Tiger No. 7 and 8 and the Oak No. 7 and 8 claims as well as the East-West claim line between Bear No. 6 and 7, Tiger No. 6 and 7, and Fir No. 6 and 7.

PERSONNEL:

This survey was conducted by Mr. Malcolm McLeod with the assistance of Garry McCrea under the supervision of Roy A. Anderson, a graduate geologist who has been active as a Mining Geologist since 1935 and since 1956 is Chief Geologist with the Pend Oreille Mines and Metals Co., in Metaline Falls, Washington. Mr. Anderson is a registered professional engineer in the states of Colorado and Washington.

*Roy A. Anderson*  
Roy A. Anderson  
sept. 1, 1961



STATEMENT OF EXPENDITURES

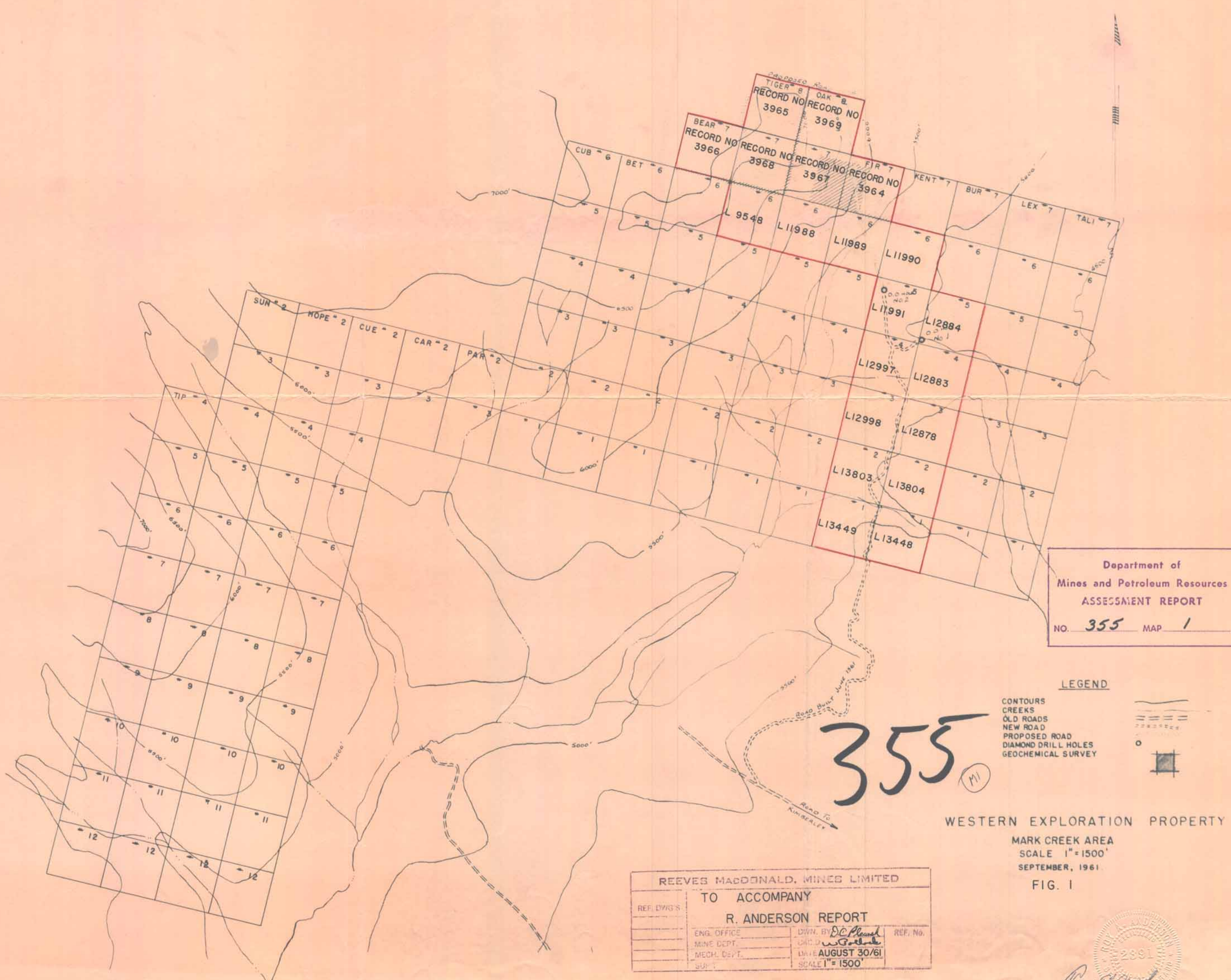
(To Accompany Report of Mr. Roy A. Anderson of Metaline Falls, Wash.)

The Geochemical Survey was conducted on claims held by location by Reeves MacDonald Mines Limited. These claims adjoin the Western Exploration property currently under option to Reeves MacDonald Mines Limited.

M. McLeod - \$600/mo. July 20 to Aug 22nd incl.	676.74
G. McCrea - 1.73/hr " 20 " " 22 "	235.69
Roy A. Anderson - Fee - 3 days @ \$40 (Jul 24, Aug 22, Sept 1st)	120.00
<u>Total</u>	<u>1,032.43</u>

REEVES MACDONALD MINES LIMITED

*F. R. Thompson*  
.....  
F.R. Thompson  
P. Eng.



Department of  
Mines and Petroleum Resources  
ASSESSMENT REPORT  
NO. 355 MAP 1

LEGEND

- CONTOURS
- CREEKS
- OLD ROADS
- NEW ROAD
- PROPOSED ROAD
- DIAMOND DRILL HOLES
- GEOCHEMICAL SURVEY

355 (M)

WESTERN EXPLORATION PROPERTY  
MARK CREEK AREA  
SCALE 1" = 1500'  
SEPTEMBER, 1961  
FIG. 1

REEVES MACDONALD, MINES LIMITED		
TO ACCOMPANY		
R. ANDERSON REPORT		
REF. DWG'S	ENG. OFFICE	DWN. BY <i>D.C. Pleasch</i>
	MINE DEPT.	DATE <i>AUGUST 30/61</i>
	MECH. DEPT.	SCALE 1" = 1500'
	SUP'T.	REF. No.

*Roy Anderson*

TIGER No. 8

OAK No. 8

BEAR No. 7

TIGER No. 7

OAK No. 7

FIR No. 7

50	150	300	000	100	100	100	000	50	150	100	100	300	100	000	250
000	500	300	100	50	150	150	100	50	100	150	000	150	150	150	150
000	450	450	100	400	100	100	150	100	200	150	200	150	150	150	150
000	400	450	000	50	100	100	100	300	600	300	200	000	100	100	100
150	50	150	200	150	150	250	100	100	150	900	150	100	150	100	100
150	100	150	250	150	100	300	300	300	100	150	000	200	150	50	150
200	100	150	400	150	150	300	100	200	150	000	200	150	150	100	100
50	100	200	100	200	100	250	150	150	100	250	000	100	200	100	200
000	000	250	150	150	150	100	150	100	100	150	100	150	100	100	100
150	250	150	150	150	100	50	150	100	100	000	900	150	300	125	125
50	150	400	200	000	400	250	150	150	100	000	150	300	125	125	125
200	150	180	150	150	150	150	750	150	100	100	000	150	150	450	450
100	200	100	500	200	100	600	750	100	150	150	50	150	150	50	50
150	100	300	150	50	100	300	300	100	150	100	300	150	100	100	100
000	150	400	100	000	150	000	400	150	100	000	300	200	100	100	100
000	150	000	150	150	450	50	150	150	300	150	100	100	100	100	100
000	150	150	150	150	150	500	900	100	150	000	150	100	100	100	100
100	200	100	150	600	50	250	200	100	100	50	450	100	100	100	100
000	150	150	100	000	350	500	250	150	150	200	250	000	100	100	100
50	150	000	100	150	150	300	200	250	200	000	100	150	100	100	100
000	150	300	250	150	600	150	750	100	150	150	100	300	100	100	100
000	150	150	400	150	300	750	400	150	150	100	50	150	150	100	100
000	200	300	150	000	100	300	250	100	150	100	100	50	100	100	100
000	200	200	150	400	200	50	900	400	150	100	150	150	100	100	100
000	100	150	300	000	150	750	750	150	150	150	300	50	100	100	100
200	150	000	000	50	50	000	000	500	250	150	150	150	150	150	150

BEAR No. 6

TIGER No. 6

OAK No. 6

FIR No. 6

BEAR No. 5

TIGER No. 5

OAK No. 5

FIR No. 5

Department of  
Mines and Petroleum Resources  
ASSESSMENT REPORT  
NO. 355 MAP 2

REEVES MACDONALD, MINES LIMITED			
TO ACCOMPANY			
R. ANDERSON REPORT			
REF. DWGS	ENG. OFFICE	DRAWN BY <i>R. Anderson</i>	REP. NO.
	MINE DIST.	DATE <i>AUGUST 31/61</i>	
	MECH. DEPT.	SCALE 1" = 200'	
	SUPT.		

GEOCHEMICAL SURVEY  
ON  
WESTERN EXPLORATION PROPERTY AND  
ADJOINING CLAIMS  
IN  
**355** MARK CREEK AREA  
SCALE 1" = 200'  
SEPTEMBER, 1961. LEGEND  
300+ PPM.

FIG. 2

