

GEOLOGICAL REPORT

EASY M # 2 M. C.

DUNCAN LAKE AREA

SLOCAN M. D.

50° ~~117°~~ S. E., 116° S. W.

PREPARED BY - O. E. Bradley P. Eng.
FOR - CLAIM HOLDER - J. Maddison

JUNE 16, 1967

82 K 7 W 1/2

1211

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publication or promotional purposes without
permission of Canex Resource Exploration Ltd.*

*O. E. Bradley
March 2, 1968*

C O N T E N T S

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Assay Results	4
Total charges applied against	
Maddison property Easy M # 2	5

L I S T O F I L L U S T R A T I O N S

1. Sketch plan of Easy M # 2 M. C. 1" = 100 feet
2. Geological plan of Easy M # 2 M. C. 1" = 20 feet

16 June, 1967.

GEOLOGICAL REPORT - HADDISON PROPERTY, DUNCAN DAM B.C.
82 K/7 W $\frac{1}{2}$

Examined June 10, 1967 by O. E. Bradley.

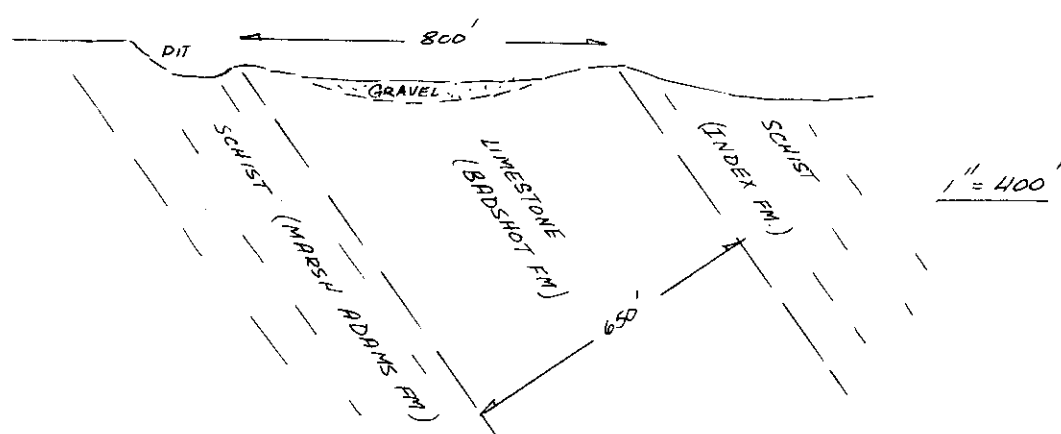
RECOMMENDATIONS This property should definitely be re-examined if prospecting on the part of the present owners should locate additional areas of lead zinc mineralization. on strike with the exposure described in this report.

LOCATION The property lies 27 miles north of Kaslo, B. C. immediately west of the Duncan Dam site. Currently 30 claims are held (Easy M No. 21 and Ham Nos. 1 - 29). These claims are reported to cover the pit area shown on plan, and Lardeau Ridge to the northwest. (Refer to claim plan - T.S. Smith, September, 1966). Of the original 64 claims, only 30 are now in good standing.

OWNERSHIP John Haddison of Nelson, B. C. and two other parties are holders of these claims. Haddison may be contacted by mail at 509 Latimer Street, Nelson, B. C., or by phone at 352-3416.

PREVIOUS WORK T.S. Smith of Canadian Exploration Limited examined these claims in September of 1966. A photocopy of his report is included herein.

GEOLOGY Blasting for rip rap material has exposed a bed of limestone approximately 650 feet thick lying conformably between beds of a grey brown micaceous schist. Bedding strikes N 30 W and dips 55 N.E.



SECTION VIEWED NORTHWESTERLY ALONG STRIKE

The limestone is grey-blue in colour and is crystalline. Mica schist in the lower bed is schistose parallel to the bedding. It contains irregular quartz-filled fractures with a shaly black carbonaceous material along the contacts. Minor amounts of pyrite occur in the schist. Schist in the upper bed appears barren. (J. Haddison reports that minor amounts of zinc were intersected in this bed, while driving the diversion tunnels for the dam).

Lead zinc mineralization was observed in quartz filled fractures in both the lower schist and the limestone as noted on plan. Spacing of mineralized fractures in the limestone (over a limited area) is fairly wide (2' - 7'). Spacing in the mineral-

- 2 -

ized zone of the schist is in the order of 1' - 2'. Most of the limestone observed was broken rock, therefore location can only be approximate. Very few of the broken pieces showed any Pb - Zn mineralization. It is presumed that these pieces originated near the limestone - upper schist contact. Samples taken of the black shaly material returned assays of trace Pb, trace Zn.

CONCLUSIONS In view of the geological similarities between lithology and structure in this area and that found east and north along the line of the Argenta, Mag and Duncan properties, (refer to B.C. Department of Mines Bulletin No. 49) which form part of the Kootenay Arc, I believe that Maddison's property should be re-examined at some time in the near future. Limestone outcrops to the NW and SE should be checked.

It may be advisable to inspect surface exposures at nearby properties to see if any similarity exists between them and that of Maddison's.

O. E. Bradley, P. Eng.
Senior Geologist.

OEB/jm
20 June, 1967.

ASSAY CERTIFICATE


CANADIAN EXPLORATION LIMITED

SAMPLE DATE

June 15/67.

CHEMIST

MADDISON PROPERTY

SAMPLE NO.	%	%	%	%	%	%	%	%	%
476		As	3		cd.				
477		TR.	0.3						
478		1.2	25.6		.08				
479		TR.	TR.						
		1.4	3.6		TR.	(this is the sample you brought to the office (John)).			

A.E. Bradley

10

TO: C. E. Brown
 FROM: O. E. Bradley
 SUBJECT: Maddison Property, Duncan Dam, B. C. 82 K/7 W $\frac{1}{2}$
 (Refer to Report on Property 16 June, 1967
 O. E. Bradley)

30 June, 1967

On Wednesday June 28, 1967 I examined Maddison's property at the Duncan Dam. In particular:

1. Limestone on the south east side of the Dam.
2. Drill log sections in the field office of Montreal Engineering Company.
3. Several drill log cores at the Dam site.

Work on the pit (mapped on 16 June) has been completed.

No lead zinc mineralization was observed in the limestone. Minor pyrite was seen in the drill hole cores, mainly in the schist. Core recovered from the limestone appeared barren.

Mr. Simmons of Montreal Engineering Co. kindly gave us blue line print copies of:

1. General plan of Dam Site 1" = 400' showing drill hole and test pit locations.
2. Geological plan of Diversion tunnels 1" = 40'.

As only one copy of these plans was available to us I have kept them on file here at the Jersey Mine Office, unless Vancouver Office requests them.

RECOMMENDATIONS

No further action be taken on this property, unless new areas of mineralization are uncovered.

O. E. Bradley
 O. E. Bradley
 Senior Geologist.

OEB/jm

CANADIAN EXPLORATION LIMITED
LEAD-ZINC

Inter-Office Memorandum

To..... Date *February 22* 19 *68*
From.....
Subject..... File No.....

*Charges applied against Maddison Property,
Duncan Dam site, B.C.*

<i>- two days property examination and geological mapping (June 10 and June 28, 1967)</i>	<i>= 188.00</i>
<i>- assaying</i>	<i>= 14.12</i>
	<i>TOTAL = \$ 202.12</i>

*W. C. Olson A.P.A.
Chief Accountant
Jersey Mine.*

*G. E. Bradley
Senior Geologist
Jersey Mine*

W. E. Bradley

DON'T FILE

DOMINION OF CANADA:
PROVINCE OF BRITISH COLUMBIA.
To Wit:

In the Matter of

GEOLOGICAL REPORT
EASY M # 2 M.C.
SLOCAN M.D.
50° 117° SE

I, Owen Edward Bradley

of Salmo

in the Province of British Columbia, do solemnly declare that

I am a registered Professional Engineer (Geological) in the Province of British Columbia. I have examined and mapped the Easy M no. 2 M.C.; owned by J. Maddison and partners of Nelson, B.C.; and located immediately southwest of the outlets of the diversion tunnels at the Duncan Dam B.C. I have not seen either claim post of the Easy M no. 2; and the name and number of this claim has only been reported by the owner J. Maddison. All charges made against this claim have been paid by Canex Aerial Exploration Ltd. 700 Burrard Bldg, 1030 W. Georgia, Vancouver B.C. and are shown on page 5 of the accompanying report

3 DAYS WORKED..

JUNE 10, 1967 - on property	\$ 70.00
JUNE 12, 1967 - in office	\$ 48.00
JUNE 28, 1967 - on property	\$ 70.00
	<u>\$ 188.00</u>

+ 14.12 assays = 202.12

Owen E. Bradley
March 18, 1968



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 Village of Salmo, in the Province of British Columbia, this 22nd day of March 1968, A.D.

Owen E. Bradley

[Signature]

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

N
1" = 100'

Schist micaceous

ROAD

DAM AREA

grey white XLth LS.

DIVERSION TUNNEL

DIVERSION TUNNEL

POSSIBLE 800' MEASURED Limestone GRAVEL COVERED.

CONTRACT N 30 W

EASY M" M.C.

DUNCAN RIVER (CANAL)

APPROXIMATE SKETCH PLAN OF DIVERSION TUNNEL AREA (no measurements).

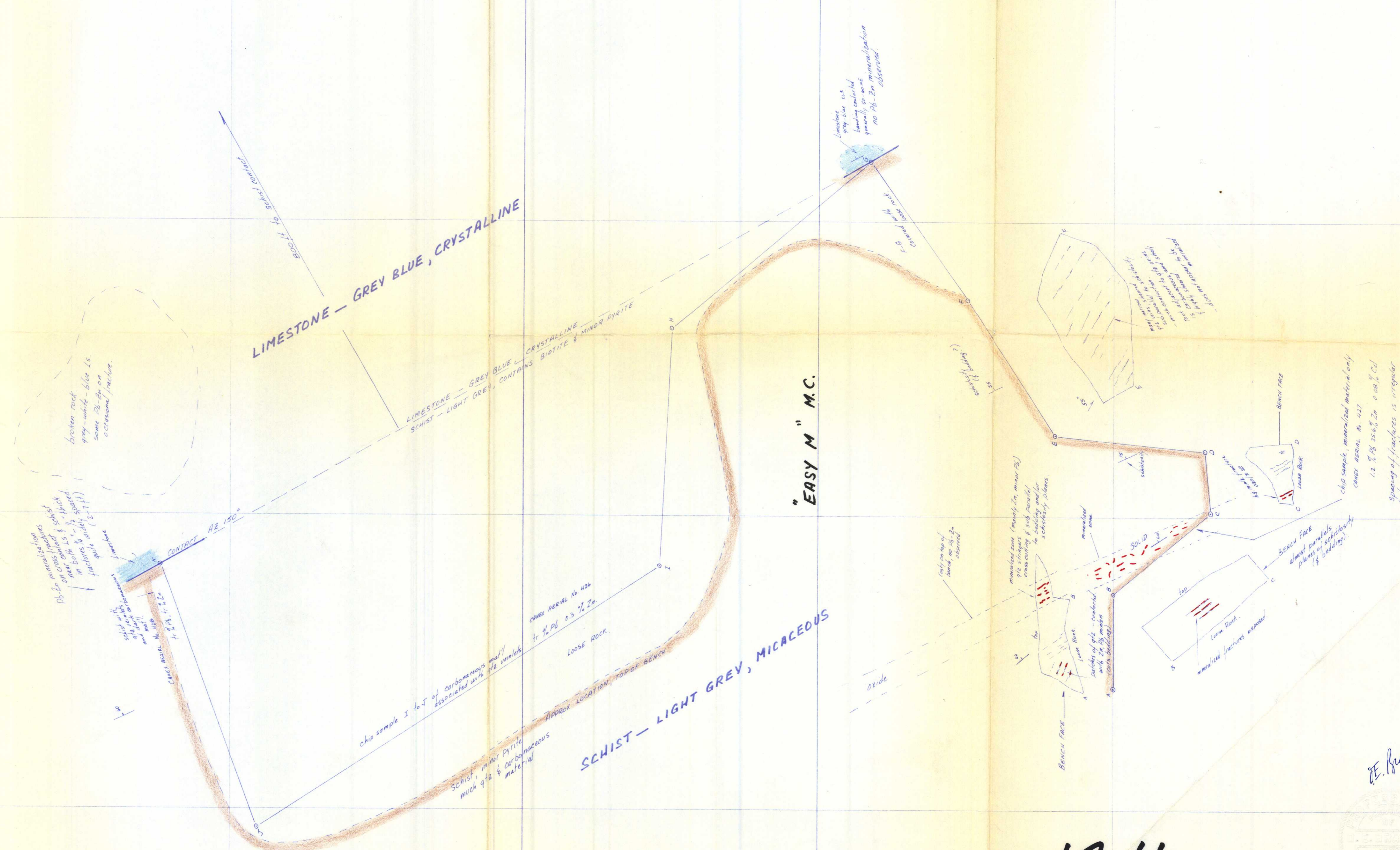
J.E. Bradley
P. Eng.

mineral in schist

SCHIST Limestone

MADDISON PROPERTY
DUNCAN DAM B.C.

1211



1211

Fig(2)

E. Bradley

DRAWN D.E. BRADLEY	SCALE 1" = 20'	CANADIAN EXPLORATION LIMITED	GEOLOGICAL PLAN 1211
TRACED	DATE JUNE 12, 1967	MINE	MADDISON PROPERTY
APPROVED		Jersey Lead-Zinc	DUNCAN DAM B.C.