

ECHO BAY MINES LTD. 009461

Suite 350 Park Place
666 Burrard Street
Vancouver, B.C.V6C 2X8
Phone: (604) 662-4994
Fax: (604) 683-6365

PF

IRON RANGE 92INE096

Date: June 24/97

To: Harry Jones

Firm: MINFILE

Notes as promised

Joanne Forbes

Fax No.: 250-952-0381

From: Joanne Forbes

We are transmitting 3 page (s).
If you do not receive them all,
please call Mona at 662-4994.

CONFIDENTIALITY CAUTION

This message is intended for the use of the person or entity to whom it is addressed and may contain information that is privileged and confidential. If the reader of this message is not the intended recipient, or the employee or agent responsible for delivering the message to the intended recipient, you are notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and mail the original message to us at the address above, at our cost.

THE MINING JOURNAL
JUL 27 1967

Madison Oils Reactivate Kamloops Copper Claims

Madison Oils, a Calgary-based company with 100 mineral claims in B.C., carried out a comprehensive geochemical survey on its properties near Kamloops, B.C., recently. The program was under the control of Bill Branting and Associates of Vancouver, consulting geologists, who reported strong copper anomalies.

In 1964 considerable drilling was carried out on the property, which, on conservative estimates proved an orebody of 70,000,000 tons of 30% iron, the company said. Drill cores at this time indicated the presence of copper ore up to 1.87% content. The company's claims are easily accessible, being intersected by a main highway and cover an area of approximately 6,240 acres at Hefley Lake, 28 miles north east of Kamloops. The property is suitable for open pit mining if adequate reserves are proven. The company also owns a group of 24 claims and five Crown grants in the Greenwood area, B.C.

Other interests are a number of native sulphur properties, where a drilling program is now under way. Assays so far recovered show a sulphur content ranging from 70 to 77% pure sulphur. All samples so far assayed are free from any serious impurities, said the report.

Madison To Develop Copper In Iron Body

See FR 29-7-67

A program of specific geochemical work followed by diamond drilling has been recommended for Madison Oils Ltd. on their copper prospect near Kamloops.

the company plans to participate prominently in the development. Assays so far indicate a content ranging from 70 to 77 percent pure sulphur.

Work has already gotten underway on the company's holdings which were tested earlier by a comprehensive geochemical survey. Results of this survey showed up several strong copper anomalies.

Altogether, the company holds over 300 claims in the Kamloops area. These were acquired in 1964, after a detailed magnetometer survey indicated the presence of strong iron mineralization. Drilling proved the presence of a vast iron deposit with an estimated reserve of 70 million tons of 30 percent iron.

Drill cores taken at that time showed copper ore at up to 1.87 percent. The property is suitable for open pit mining if adequate reserves are proven up.

The claims are intersected by a main highway and cover an area of 6,240 acres at Hefley Lake, 28 miles northeast of Kamloops.

Madison Oils also owns a group of 24 contiguous mining claims and five Crown Grants in the Greenwood area.

The company is now planning a drilling program to determine length and depth of a known ore body.

Madison Oils is also involving itself in work being carried out on a number of native sulphur properties.

An extensive drilling program is now underway on the prospects, and should this prove favorable,

NAME OF PROPERTY **NAM (HAL) (IRON RANGE) (MONARCH) (LAKE VIEW)**

OBJECT LOCATED - #96 - Map 92 I/NE (MI).

UNCERTAINTY IN METRES 300. Lat. $50^{\circ}50'15''$ Long. $120^{\circ}03'25''$

Mining Division	Kasloops	District
County		Township or Parish
Lot		Commission or Range
Sec.	Tp.	R.

OWNER OR OPERATOR

DESCRIPTION OF DEPOSIT

Magnetite, pyrite, and minor chalcopryite are present in a large body of skarn formed by alteration of Paleozoic Cache Creek Group limestones. The deposit consists of disseminated or massive magnetite with garnet and epidote in a fine-grained dense rock. A large body of crystalline limestone outcropping on a steep hillside above the showings is cut by numerous dykes of hornblende porphyry. An open cut exposes 6 feet of altered limestone with disseminated garnet, magnetite, and pyrite, followed by 6 feet of hornblende porphyry, then 10 feet of altered limestone with disseminations of garnet, magnetite and pyrite. Some drill core assays show values up to 1.67% copper.

Associated minerals or products - Copper.

HISTORY OF EXPLORATION AND DEVELOPMENT 92 I/16 FEI

The property is located at an elevation of about 3,200 feet on the north side of Haffley Lake, 16 miles northeast of Kamloops. The showings are located in a range of low hills that borders the north shore of the lake.

The discovery of copper mineralization in about 1915 led to the staking of a number of claims, including the Monarch, owned by Hugh McLeod and associates, of Vancouver, and, about half a mile in an easterly direction, the Lake View owned by Archie MacDonald of Haffley Lake. Work reported included trenching and sampling. One of the claims was reportedly under option to The Granby Consolidated Mining, Smelting and Power Company, Limited.

In the early 1940's the property was held as the Iron Range group, owned by H. Stephens, of Kasloops. The workings at that time comprised a number of open cuts.

The property was held from about 1964 as the HAL group of 36 claims, owned by L.C. Hunt for Madison Oils Limited. The company carried out a magnetometer survey which indicated the presence of strong iron mineralisation. Subsequent diamond drilling indicated reserves of 70 million tons of 30% iron (Northern Miner, July 27, 1967). The company carried out a geochemical survey in 1967, which indicated several areas anomalous in copper.

Western Canada Steel Limited apparently acquired the showings as the NAM 1 and 2 claims. J.M. Black of North Vancouver carried out a ground magnetometer survey over the claims in 1970. During 1973 magnetometer and electromagnetic-16 surveys were carried out by the company over 1.5 line-miles.

The property was held in 1976 as the Freda 1 claim (4 units) by Herb Allen of Merritt. Diamond drilling totalling 92 metres was done in deepening one old hole.

Mineral Policy Sector, Department of Energy, Mines and Resources, Ottawa

506055

JUN. 24. 1997
2:33PM

NRCGN MMS EFQB

NO. 761
P. 2/7

REGISTRATION NUMBER Madison Oil & Gas Limited XR v3x5 012813-9 V-8511-130
 INCORPORATED UNDER A Madison Oil & Gas Limited CHARTER DATED 22 Mar 1926 SOURCE Can. 1-5-1926
 CREDITING NAMES F. Madison Oil & Gas Limited R.A.S. DATE 9 Jul 1984 CCR Aug 1984
 ARTICLES OF ARRANGEMENT with Knee Hill Energy Ltd., Madison Oil & Gas Limited are
 under Knee Hill Energy Canada Ltd. R v3x5 1987 Feb 27 CCA Off Hull 09/1987
1989-6-30

REGISTRATIONS OR CANCELLATIONS	DATE	SOURCE
PROVINCE <u>Alberta</u>	<u>23 Mar 1938</u>	<u>Al. 15-9-1984</u>
PROVINCE <u>Saskatchewan</u>	<u>7 Aug 1984</u>	<u>Sask. 7-9-1984</u>
PROVINCE		
PROVINCE		
PROVINCE		
PROVINCE		
PROVINCE		
PROVINCE		
PROVINCE		
PROVINCE		

ARTER SURRENDERED OR CANCELLED DATE SOURCE

HEAD OFFICE ADDRESS

NAME OF COMPANY

MADISON OIL & GAS LIMITED

DEPARTMENT OF ENERGY, MINES & RESOURCES

10 0 0 7 5 5 4 8 8 1

Inuvialuit Petroleum Corporation

*HS
Jan 24, 1990*

06/23/97 13:17 05/05 NO:612
604 683 6365
CDN EXPLORATION

HISTORY OF PRODUCTION

REFERENCES

*Cockfield, W.E.; Geology and Mineral Deposits of Nicola Map-Area, British Columbia; Memoir 249, p. 143, Geol. Surv. of Canada, 1948.
Reports of Minister of Mines, British Columbia: 1915, p- 222; 1967, p. 137.
Mineral Policy Sector; Corporation Files: "Madison Oils Limited".
Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1970, p. 319; 1973, p. 218; 1976, p. K106 ++ .

MAP REFERENCES

Map 886 A, Nicola, (Geol.), Sc. 1":4 miles - accomp. Memoir 249.
Map 4784 G, Hefley, (Aeromag.), Sc. 1":1 mile.
*Map 92 I/16, Hefley, (Topo.), Sc. 1:50,000.
#Map 92 I/16 (MI), Kasloops Lake, Mineral Inventory, Sc. 1": 2 miles, British Columbia Dept. of Mines.

REMARKS

2

JUN. 24. 1997 2:34PM NRCAN MMS EFAB

NO. 761 P. 3/7