GM 04156 GEOLOGICAL REPORT





MONTREAL OFFICE: 6401 Louis Hebert

OTS,

FIELD OFFICE: Rouyn, Que.

LEONARD GERNAIN, B.A..A.R.C.S.,

MINING ENGINHER

Member of the Corporation of Professional Engineers of Quebec

Montreal, 25th April 1940.

S RE:- MADISON GOLD MINES LIMITED

The property of Madison Gold Mines Limited consists of Mining Claims Nos. A-87513, 87512, 87511, 87518, 87517, 87516, 87515, and 87514, respectively located on Lots Nos. 35 to 42 inclusively, range VII of Louvicourt Township, Western Quebec.

These claims, covering an approximate area of 526 acros, formed previously a part of the property of the Louvre Gold Mines Limited.

The property is located towards the East-end of what is commonly known as the Quebec gold belt, in a general area of producing gold mines. Preliminary exploratory surface work and diamond drilling have established the presence of gold in structural and geological associations which, in a broad sense, are charageteristic of that part of the belt and of the producing mines developed thereon. Two diamond drill holes, in particular, spaced 1,000 feet apart on claims Nos. A-87515 and 87516 are reported by the Quebec Eureau of Mines (R.P. No., 126; 1939) to have yielded the following results:-

HOL	E NO.	SECT	ION		GOLD/TON
2	7		ft		\$ 1.05
<u>.</u>		1.4	< • •	전 문화 같이 다	14.35
	3	0.7	93		2.10
	2	0.6	52		109.55
	8		22		24.15

Those intersections have been obtained from quartz occurring in sheared and mineralized intrusive granodiorite in proximity to its contact with Keewatin lavas. In very broad outline, these geological and structural associations present, to a large extent, some similarity to the conditions encountered at the producing mines of the neighbourhood, such as at the Perron, Beaufor, Cournor, Lamaque, Sigma, Sullivan and Siscoe, and, in my opinion, warrant a careful investigation of their mine-wise possibilities. To that effect, an expenditure of some §10,000.00 is recommended, to be spent mostly on diamond drilling, in an attempt to correlate the results obtained previously and, to define more clearly the potential value of the ore occurrences already found, with the ultimate object of developing the property into a profitable gold mine.

Yours very truly,

Leonard Germain, N.E.