

GM 08406-A

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Énergie et Ressources
naturelles

Québec 

Louvicourt Sup.
38
September, 1945

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MINISTÈRE DES MINES, QUÉBEC
SERVICE DES GITES MINÉRAUX
No GM- 8406-A

MADISON GOLD MINES LIMITED

(Louvicourt)

Ref:

- Que. Bur. Mines, An.Rept., 1931, Part B, pp. 97-98
- " " " " " , 1932, " " , pp. 15-19
- " " " , P.R. No. 116, 1936, p. 67
- " " " , P.R. No. 126, 1939, p. 2.

This company holds a group of fourteen claims in the northeast quarter of Louvicourt township. The claims are numbered A-87511-18 and A-87953-58. They constitute parts of lots 35-43, range VII; and are adjoined on the east by Bevcourt Gold Mines, Limited. Provincial highway No. 59 passes close to the north boundary of the property, two miles east of Val d'Or. A gravel road leads southwest from highway No.59 for three quarter mile to the camp in lot 40.

Following the discovery of gold on the claims in 1931 by S.B. Jowsey, Dome Mines carried out surface exploration during 1932. Louvre Gold Mines, Limited, was incorporated in 1934 to develop the property. Subsequently options were held successively by Premier Gold Mines, Teck Exploration, and Madison Gold Mines.

The claims cover the western part of a granodiorite stock, which is elongated east-west for a length of 4 miles and is nearly a mile wide. The intrusive is enclosed in altered, schistose greenstones, and is cut by dykes of feldspar porphyry, andesite and diabase. The granodiorite is sheared, altered, and invaded by gold-bearing quartz-tourmaline veins at

Accompanied by:

Vertical sections of drill holes.

intervals for 6000 feet along the northern margin in Buffadison ground and in additional 2000 feet to the east in Bevcourt ground.

Considerable surface trenching, test pitting, sampling, and the drilling of some 35 holes was carried out by previous holders of the claims in scattered mineralized and vein zones in the western and northern parts of the property. Some interesting gold values were secured during this exploration, but work was discontinued in 1938.

The present company, under sponsorship of Buffalo Canadian, Anglo-Hutonian, Noranda and Newmont, started a drilling programme early in 1945. Five holes, drilled north from collars in southeast claim A-36074, had been completed in September. The holes cover 600 feet of ground extending west from the Bevcourt boundary. Nos. 2, 3, and 4 are collared at the same point, but drilled at different angles. The best gold value secured in hole No.1, 220 feet west of the Bevcourt boundary, was 0.12 oz for 1 foot of core. Holes 2, 3 and 4, 200 feet west of No.1, cut several narrow sections yielding high gold values. Hole No.5 intersected 8.2 feet assaying 0.77 oz; and at a point 700 feet deeper (north) in the hole an average value of 0.5 oz. was computed for 18.6 feet of core, which includes 4 feet carrying 2.02 oz.

The south zone, as intersected in hole No.5, consists of sheared, carbonatized and silicified granodiorite with stringers of vein quartz, heavy tourmaline, and moderate pyrite lying against the south side of an andesite dyke 4 feet wide. The north intersection in this hole is similar, but contains sections of vein quartz up to 2.5 feet wide, coarse, massive pyrite and visible gold.

Hole No.6, 200 feet west of No.5, had penetrated as far as the

south zone when the writer was at the property. Three feet of core, consisting mainly of vein quartz with coarse pyrite and tourmaline mineralization, and 0.58 oz. Au. per ton, were obtained. Several high gold values over typically narrow widths were secured during the previous drilling in the granodiorite at localities 1500 feet and 2000 feet west, and on the general strike, of the zones at present under development.

Apparently the deposition of gold in the veins is closely associated with aggregate of massive pyrite. These, and consequently the gold tenor, are of erratic distribution. It is thought that some vein intersections, although yielding only low gold values, are significant, both because of the "spotty" mineralization and loss of auriferous pyrite in grinding by the drill bits.

Diamond drilling was continuing at the property under the resident direction of G. Sipprell and technical staff of the interested companies.

W.N. INGHAM,
Quebec Dept. of Mines,
Sept. 1945.