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## **POSITIVE RESULTS FROM THE WORK ON O'BRIEN**

Rouyn-Noranda, October 12, 2001. Radisson Mining Resources Inc. (Radisson) announces that the results of the initial surface extraction work done in partnership with Rocmec International (Rocmec) confirm the high grades of the project's quartz veins and the effectiveness of thermal fragmentation in fragmenting ore: The first bulk sample gave a feed grade of 22.8 g/m.t. of gold; recovery by gravimetry of 77%; and thermal fragmentation demonstrated that the quartz fragmented preferentially from the vein walls, suggesting an optimal dilution control. Finally, the sample was directly processed on site in Radisson's concentrator.

**THE WORK COMPLETED:** First, Radisson carried out an internal study to verify and confirm the presence of surface veins not previously mined. This exercise identified a series of veins in the former mine where no resource had been estimated because they were considered too thin and therefore uneconomical. However, the history of the former O'Brien Mine, mined between the years 1926 and 1956, shows that the smoky quartz veins have an average grade of at least 16 g/m.t. of gold, corresponding to the feed grade of the entire 1.2 million metric tons processed at that time (SNC-Lavalin qualification report, March 1997). The two partners therefore decided jointly to drill an initial series of pilot holes in an easily accessible first vein exposed at the surface near the company's installations. Rocmec performed an initial series of 17 short pilot holes 4 to 8 metres in length (on average 60 cm apart) and 127 mm in diameter. Supervised by Radisson's personnel, they were drilled along the axis of O'Brien Mine's vein no1S. This work resulted in the extraction of 1.54 metric tons of gold-bearing quartz vein material. The sample thus extracted was placed inside the company's concentrator. The concentrator, with a capacity of 200 short tons per day, was inspected, checked and could be returned to service. The bulk sample was milled into individual 100-kg batches, which were then placed on a Deister table to generate a concentrate of gold and sulfides. The total gold in the batch was 35.245 grams, or a grade of 22.83 g/m.t. (0.67 oz./s.t.). The manually collected gold was weighed by Radisson's personnel. The concentrate and tailing samples were analyzed at the Chimitec Bondar Clegg laboratory in Val D'Or. Gravimetric recovery was 77% from coarse grinding. This work confirms a high gravimetric recovery rate and the excellent grade of the smoky quartz veins in the former O'Brien Mine. Thermal fragmentation tests were also performed by Rocmec in the 165-mm diameter pilot holes, at a location where the vein thickness was 40 cm. The vein fragmented completely in thickness and gave an additional 50% fragmentation along the vein's axis, confirming this method's mining potential. Mr. Donald Brisebois, general manager of Rocmec stated that these results confirmed the effectiveness of the technology and even exceeded expectations. A few additional tonnes from thermal fragmentation are currently stored in the concentrator, ready for processing.

Due to the excellent results already obtained, the partnership is working on establishing a budget for operating the concentrator at full capacity, pursuing the surface extraction work on the property, and developing the optimum mining method based on this revolutionary technology. Because of its efficiency to selectively extract enriched zones at relatively low cost, thermal

fragmentation seems indicated for the veins in the O'Brien project, and Radisson intends to evaluate it as an extraction method within the context of a feasibility study pertaining to a production decision at the current price of gold.

Radisson is a Canadian mining company with eleven mining properties in northwestern QuŽbec (total area of 9,544 hectares). Its O'Brien Property, located in Cadillac, in the Bousquet-Doyon-LaRonde gold mining camp, contains a significant gold resource: 654,100 metric tons at 6.90 g/t of gold of indicated category for Zone 36 East (Roscoe Postle and Associates Inc., June 1998). It also has a concentrator with a capacity of 200 short tons per day on this same site.

Rocmec is a private QuŽbec company specialized in the development of a technique for thermal fragmentation of rock, which it intends to apply to the mining of vein deposits.

Since October 1, Radisson Mining Resources has been trading on the Canadian Venture Exchange CDNX under the same trading symbol - RDS.

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