

the copper mineralization occurs with minor gold and silver in a porphyritic host. Showings of platinum and palladium are also claimed.

Rogi Exploration Inc. has completed an I.P. survey on the Lourmet property, a joint venture with **Aur Resources Inc.** The property is two miles south of Aur's Louven property in Quebec, the site of a recent discovery of copper-zinc massive sulphide. The results reportedly show an strong anomaly coinciding with a volcanic-felsic tuff; an agglomerate-rock unit traverses the property. The company's geophysical consultant believes that the survey characteristics indicate a zone of disseminated or semi-massive sulphide mineralization. Rogi may earn up to a 45% interest by spending \$600,000 over three years and tendering 50,000 shares to Aur.

Crown Resources Corp. has taken control of about 18 mi² of mineral rights in the Buckhorn Mountain area of Okanogan county Washington. The best reported drilling results to date were 50 ft grading 0.853 oz/st gold.

Glenshesk Minerals (Belfast) is prospecting for zeolite in northern Ireland. The company has a prospecting license for the known occurrences of zeolite near Coleraintown.

United Mining Corp. announced that gold mineralization has been intercepted from 1,340 to 1,960 ft in a drill hole completed on the Bullion-Monarch Venture project, which is located near Eureka, Nev., in the Carlin district. **Westmont Mining Inc.** is the joint-venture partner and project manager. Recently completed drilling totals 7,578 ft in the central and eastern sections of the 3 mi² property. A total of five holes were drilled, two to 1,700 ft depth, with the discovery hole (No. 5) reaching the Rodeo Creek formation at a 2,393 ft depth. Hole No. 5 was drilled 2,000 ft north of the Carlin mill, and 400 ft north of the tailings pond. Highly faulted and broken rock slowed drill progress.

The company is contemplating deepening the No. 5 hole as well as drilling further offsets to the No. 5 and other undrilled deep anomalies.

A geologic survey has been conducted of the surface of United's 1,820-acre Sleeper Extension properties, which abut Amax Gold's Sleeper mine, with no specific results reported. Three holes were drilled, two being lost at a 400 ft depth, with one encountering trace mineralization. A follow-up seismic survey is planned.

Additionally, **Asamera Minerals**, operator of the Cannon mine, near Wenatchee, Wash., continues to evaluate the D Reef property on which United holds a reversionary interest. United Mining has also purchased a 100% interest in the Wenatchee property and the 10% net smelter royalty on the B-Neath reversionary interest.

Cominco Ltd. has completed its \$1.8-million, 1989 exploration program at the Tulsequah joint venture (60% Cominco and 40% **Redfern Resources**) in northwestern British Columbia. The project included a 560-ft cross-cut to locate a hanging-wall drill station suitable for deep testing of the deposit from the 5400 level. Subsequently, 10 holes, totalling 16,000 ft, tested the Tulsequah mineralization to a vertical depth of 1,600 ft below the lowest mine level. One core hole intersected a post-ore dike, one intercepted 17 ft of barren massive-pyrite, and eight holes hit base-metal sulphides with significant precious-metal values. Intercepts ranged from 3 to 40 ft, grading: 0.87% to 2.25% Cu, 0.48% to 2.15% Pb, 3.84% to 24.10% Zn, 0.04 to 0.12 oz/st Au, and 1.14 to 7.40 oz/st Ag. The company states that the drilling showed the deposit to have good thicknesses and to be open to depth. Drilling and exploration drifting is expected to resume in 1990.

Westmin Mines Ltd. is continuing its exploration for its recently opened Premier open-pit gold project, near Stewart, British Columbia. Current work is focusing on underground reserves, and includes drilling and other programs. Zones, including probable reserves, include the 4G (181,760 mt grading 12.7 g/mt Au, 48.7 g/mt Ag), 602 (33, 100 mt grading 11.2 g/mt Au, 107.4 g/mt Ag), 609 (254,750 mt grading 6.6 g/mt Au, 28.6 g/mt Ag), and Power (321,230 mt grading 5.8 g/mt Au, 18.2 g/mt Ag). Additional possible reserves are also estimated for the 602 zone (161,445 mt grading 6.2 g/mt Au, and 28.4 g/mt Ag).

Similar exploration programs are reportedly underway on Westmin's 65%-owned Indian property.

Minera Rayrock has announced that 27 additional holes, totalling 5,000 m, have been drilled at the Bellavista/Montezuma property in Costa Rica. The holes reportedly indicate a significant northerly extension of the orebody. At the end of 1988, reserves were preliminarily estimated as 14.2 million st, grading 0.05 oz/st gold. A bulk sampling program is in progress, with

additional drilling and a revised ore reserve study and pit plan are to be completed in January 1990.

United Mining Corp. reports that an adit recently intersected a prior drill hole in the Carnavalito area of the Laurani gold-silver project in Bolivia. Gold grades reportedly ran as high as 0.65 oz/st gold and 77 oz/st silver. Average values for the 16 ft minable-width appear to be 0.25 oz/st gold and 35 oz/st silver. The company is planning to ship bulk samples to a mill, and has begun sinking a shaft in the Tatal Pata section of the property to intercept another high-grade area. An I.P. survey has also been scheduled.

Total Energold Corp. and **Cusac Industries Ltd.** have announced the rescheduling of the completion of the 2,400 m No. 10 adit of the Erickson gold mine, near Cassiar, British Columbia, together with accelerated exploration of new surface targets on the 80 mi² property. The adit and surface programs are part of 1988's comprehensive exploration plan.

Cutting grid-lines, totalling 200 km to date, together with geochemical and geophysical surveys have identified 27 areas to be trenced plus 9 priority diamond-drill targets. Two backhoes and two diamond drills are on site, with completion scheduled for year-end.

Recent backhoe trenching of two targets has discovered the Heather and Bain veins. Sampling of the Bain vein, which was excavated over a total length of 27 m, averaged 1.7 oz/st gold over an average width of 1.4 m. Walter Sellmer, Total's vice president-exploration, said "the Bain and Heather veins, together with other recently developed targets on the property, offer greater potential at lower cost—and consequently rank higher in priority—than the targets we are seeking with the No. 10 Adit."

Fairbanks Gold Ltd. has reported results of additional drilling on its Fort Knox porphyry-gold property. The results provided indicate that 32 holes, ranging in depth from 65 to 995 ft intercepted from 25 to 995 ft of mineralization grading between 0.025 and 0.347 oz/st.

The company plans to drill 24 hr/d throughout the year with three drill rigs. Fairbanks' geologic consultants are reportedly in the process of calculating reserves. An un-named Alaskan construction firm has inspected the site and has prepared preliminary cost estimates for a 20,000 to 50,000 st/d open-pit mine.

continued on p53