

CLOWNE  
 reflect primary rock composition rather than alteration. Cataclastic texture indicates displacement but the direction is indeterminate. We were shown a feldspathic dike that is truncated by the H-1 structure. From trench assays, grades are 20-30 g/t Au over 2-3 m but tight drilling to 150-175 m below surface gives lower grades, typically 3-5 g/t Au and intercepts are difficult to correlate. Drilling has tested a 400 meter strike length.

\*Martha Ellen drilling at **Big Missouri** was reviewed with Dave Pauliuk of Westmin Resources on Aug 27. The mineralized zone has been extended several hundred metres east by re-interpreting the zone to dip east instead of west, and to lie near the contact between andesite and Premier porphyry. About 8 holes are spaced 200 metres apart to outline extent of mineralization (best result so far, 7.7 g/t Au over 6 m) and additional drilling (next year?) seems probable.

Red Mtn.  
 \*Red Mountain exploration was reviewed with John Harrop and Steve Roebuck on Aug 28. The approach is drill every target that interested Lac Minerals. No new targets are being sought. The 300 metre underground extension has been completed. Drilling continues with six drills (3 at Rio Blanco on the JW extension, one on the Cambria zone, one at Hartley Gulch and one underground on JW). Approximately 16 000 m of drilling has been completed, primarily deep holes on the Marc-AV-JW plunge extension. These holes hit the altered pyritic zone with anomalous gold, but few significant intercepts have been achieved. The mineralized zone is now interpreted to plunge more steeply northwest of AV. Technical problems of deep holes and unpredictable deviation is resulting in less than anticipated production, about one-third of the proposed footage will not be completed. With the season getting late, hole wedging is being planned in an attempt to get more intersections. At Hartley Gulch, several holes have also been abandoned short of their target in broken ground. The Hartley Gulch drill is about to be relocated underground. Royal Oak's latest report to the EA committee states the Red Mountain resource as 1 921 680 tonnes at 9.8 g/t Au for a contained 600,000 ounces of gold, greatly reduced from the 950 000 - 1,000,000 ounces previously stated. The exploration target is indicated to be an additional 700 000 ounces.

## EXPLORATION AND MINESITE ACTIVITY

\*Premier Gold underground drilling aimed at identifying sufficient reserves to reopen the mine has completed 8 000 metres with encouraging results. Budget was \$850,000. Drilling will re-commence with a second \$850,000 budget.

\*Imperial Metals Corporation will pay AEC West Ltd (formerly Conwest Exploration) \$4.4 million for its 55.4% of Regional Resources thereby gaining complete control of the Midway property. Imperial Metals estimates Midway mineable reserves at 1,377,000 tonnes of 317 g/t Ag, 5.8% Pb, 8.3% Zn (GC Aug. 26), somewhat less than published by Canamax in their 1986 Annual Report.

\*Willoughby underground drilling completed (20 holes, 1697 m) on the North and North North zones. Results are good on one section (about 13 g/t across 4 m) but flanking drill sections were generally less than 3 g/t Au over narrower widths. Surface drilling (1760 m) on the Wilby zone is in progress.

PWoj. Aug. '96 MR