

CRONIN MINE VISIT - September 2, 1975

On September 2 I visited the Cronin Mine. Coca was on their 9th ddh. They "lost" No. 5 and planned to re-drill it (No. 10). The holes were put on 2 section lines and drilled at 60° to the east. One section line, by the No. 3, 2 and 1 levels, had ddh. 1, 2, 3, 4 and 5 and the other section line, along the Upper Showings, had ddh 6, 7, 8 and 9.

A complex sequence of rhyolitic rocks and sedimentary rocks is being encountered in the drilling. The two main "phases" of rhyolite include a "rhyolite porphyry" and an "aphanitic rhyolite". Byron relates that he has seen a rhyolite porphyry intruded by a quartz vein which was in turn intruded by another rhyolite porphyry which in turn was intruded by a mineralized quartz vein i.e. two stages of rhyolite porphyry intrusion and quartz veining.

Mineralized sections in rhyolitic rocks appear to be associated with quartz veining rather than dissemination.

Sedimentary rocks include argillites and pebble conglomerates and possibly silicified dust tuffs?

Metamorphism appears to have played an important role at Cronin. Both sediments and rhyolite have been affected. The pebble conglomerate exhibits strewn out pebbles. The rhyolites are commonly altered to a low-grade facies.

No significant economic mineralization has been encountered. However, interesting amounts have.

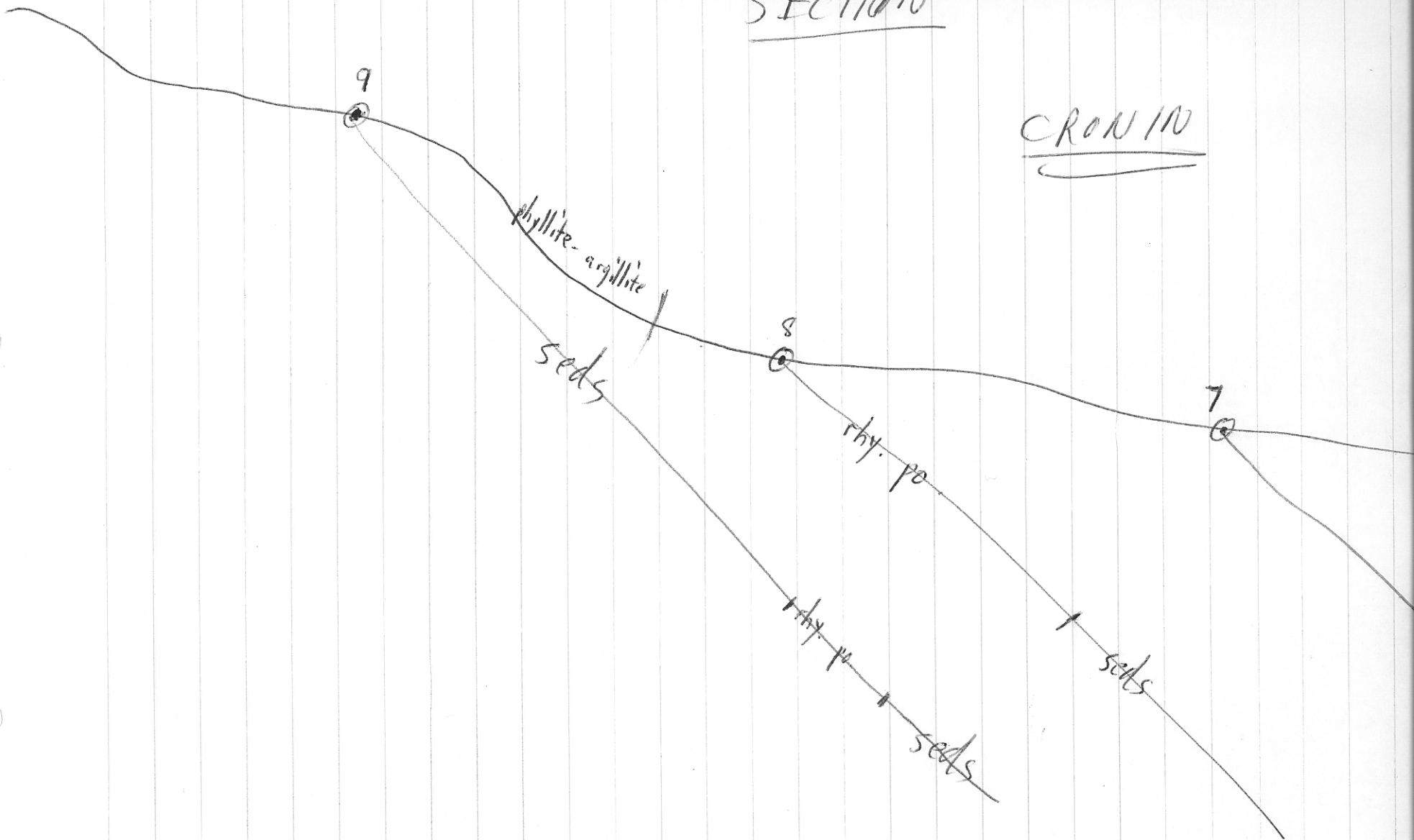
The core is logged, split, crushed and sent for assay.

Total 10 ddh = 4500 ft. (in 9 holes)
 lost 1
= 1530.5 metres

"Indifferent results" - Byron

SECTION

CROWN



Sept. 4/75