



MINERAL RESOURCES BRANCH  
DEPARTMENT OF MINES AND PETROLEUM RESOURCES

101 - 2985 Airport Drive  
Kamloops, B. C.

December 6, 1974

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Victoria, B. C.

DEPT. OF MINES  
AND PETROLEUM RESOURCES

Rec'd DEC 11 1974

Dear Nick:

Re: Rey Claims 92 - 1/7 50°20' 120°43'

On December 4, 1974 travelled with Nels Vollo to visit Craigmont's drill site(s) on the south side of Rey Lake at an elevation of 1468 Km MSL in a wooded area of gently rolling hills.

Asarco diamond drilled 17 holes based on I.P., mag and geochem on both sides of Rey Lake. It is said that there is a NW/SE contact zone in or close to Rey Lake with intrusive to the NE and volcanics, skarn etc. to the SW.

Some of the Asarco core was available exclusive of holes one to six (at the Rey Ranch), and within the #7 to #17 holes, boxes are missing or jumbled.

The intrusive in core is often well altered with much pyrite and white mica. Sections of the highly altered rock have MoS<sub>2</sub> veins about 30 cms apart.

Less altered sections of the quartz monzonite/diorite is hornblende, white feldspar porphyritic with pyrite MoS<sub>2</sub> and chalcopryrite. Ten cms spaced Q veins carry MoS<sub>2</sub> as well as having MoS<sub>2</sub> disseminated as fine specks.

One core section is garnetiferous (flesh coloured). The volcanics vary from maroon to epidote green Nicola, porphyritic andesite, etc. Contacts are usually sharp-walled (int. vs. intruded)--possibly some carbonate because of skarn minerals.

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Craigmont's DDH74-18 had 250 feet of porphyritic rock with very interesting quantities of  $\text{MoS}_2$ . Unfortunately no sludges were taken.

This looks like a very interesting property with the high degree of alteration, the porphyry, the sericite or muscovite, the pyrite, etc. There is no way that Asarco could have properly evaluated this ground on the drill spacing carried out.

Bill M., does the  $67 \times 10^6$  Kr dating come from the subhedral hornblendes in the porphyry?

Best regards,  
Yours truly,



Gordon White, P.Eng.  
District Geologist

/so  
cc: Dr. W. J. McMillan ✓