Energy, Mines and Énergie, Mines et Resources Canada Ressources Canada

Geological Survey of Canada

Commission géologique du Canada

803904

601 Booth Street Ottawa, Ontario **K1A OE8**

26 March 1993

Dr. J.K. Mortensen Department of Geological Sciences The University of British Columbia 6339 Stores Road Vancouver, B.C. V6T 2B4

Dear Jim:

The U-Pb zircon dating situation is confusing to me. Perhaps you can help clarify the situation.

Sulphurets samples KQ-90-151A and 152 I was under the impression that zircons had been separated and abraded from these samples last summer and they were being analyzed at the GSC but Randy informs me that you have these zircons and intend to analyze them at UBC. I was anticipating that the dates would have been available by now. These samples should constrain the age of the porphyry copper deposit . Although James Macdonald was fully aware that these samples were to be analyzed he collected samples to the west hoping also to date intrusions related to the porphyry copper deposit. I don't have any influence what others do but I am very concerned that my work continues to be pushed aside and superseded by that of If you have these samples and they have not been others. analyzed yet I would hope that they can be done in the very Please also send copies of the GSC submission near future. forms for these samples. KQ-90-154C and KQ-91-80B (unprocessed?) are related samples and if you cannot handle them at UBC I will attempt to have them done at the GSC.

Smithers samples KQ-89-2A and ddh#70-2471-2491' I thought were also advanced and would have been analyzed by now. Please inform me of the status of these and other Smithers samples.

.../2

Canadä



1842-1992 Geological Survey of Canada

1842-1992 Commission géologique du Canada 150 Years of Service to the Nation Au service de la nation depuis 150 ans Please let me know soon your plans for these and other samples. The confusion of who was dating what and when and delays are causing problems in my work. I have relied heavily on your accurate U-Pb zircon dates and your enthusiastic support. Geological studies are much less without rigorous time constraints. I will sadly miss your help with my work.

Best regards.

Sincerely,

i.

R.V. Kirkham

RVK/lo

cc: R. Parrish J.M. Duke