

TO  
ADr. R. Parrish  
Head, Geochronology SectionFROM  
DE

R.V. Kirkham

SUBJECT  
OBJET**U-Pb Zircon Dating**

SECURITY - CLASSIFICATION - DE SÉCURITÉ

OUR FILE - N / RÉFÉRENCE

**M-PARRISH**

YOUR FILE - V / RÉFÉRENCE

DATE 13 January 1993

Attached is a list of samples that were collected for U-Pb zircon dating.

Jim Mortensen in a recent telephone conversation said that he would attempt to have Smithers samples processed. This still leaves Quebec and Sulphurets samples. If at all possible I would like to have samples numbered KQ-90-154C, KQ-91-80B, KQ-91-7 and SYA-91-6 processed in GSC laboratories. Zircons have been identified petrographically in all samples. The first three are the highest priority but, SYA-91-6, although it should be analyzed, can be done at a later date.

If Smithers samples cannot be done at UBC I would hope that some could be done by the GSC. KQ-91-38 & 40 are from the type section of the Hazelton Group and would be important for both long-range and local correlations and for establishing radiometric dates for fossil assemblages.

Please let me know soon what might be done in GSC labs and please inform me before **any** samples (several others stored with Geochronology Section not indicated on this list) are discarded.

R.V. Kirkham

RVK/cb

cc: J.M. Duke  
J.K. Mortensen

1991 Samples for U-Pb Zircon Dating  
(R.V. Kirkham Nov. 26/92)

Quebec

- KQ-91-7 - Porphyry dyke - Clark Lake (Porph. Cu-Mo dyke)  
~~SYA-91-6~~ - Granite - McLeod Lake (Porph. Cu-Mo)

Smithers, B.C.

- KQ-91-38 - ash tuff - near top of Hazelton Group <sup>type sec.</sup> Ashman  
KQ-91-40 - welded tuff - Hazelton Group - " "  
ddh #72-1331-2128' - rhyolite porphyry - Hudson Bay Mtn. - genetically related to McLeod  
" #72-2270-2330' - monzogranite porphyry - Hudson Bay Stock - cuts rhyolite <sup>porphyry</sup>  
(K/Ar date available for this intrusion)

Sulphurets, B.C.

- KQ-91-80B - extrusive Premier Porphyry - Knipple Glac.

Pre-1991 Samples being processed (?)

Sulphurets, B.C.

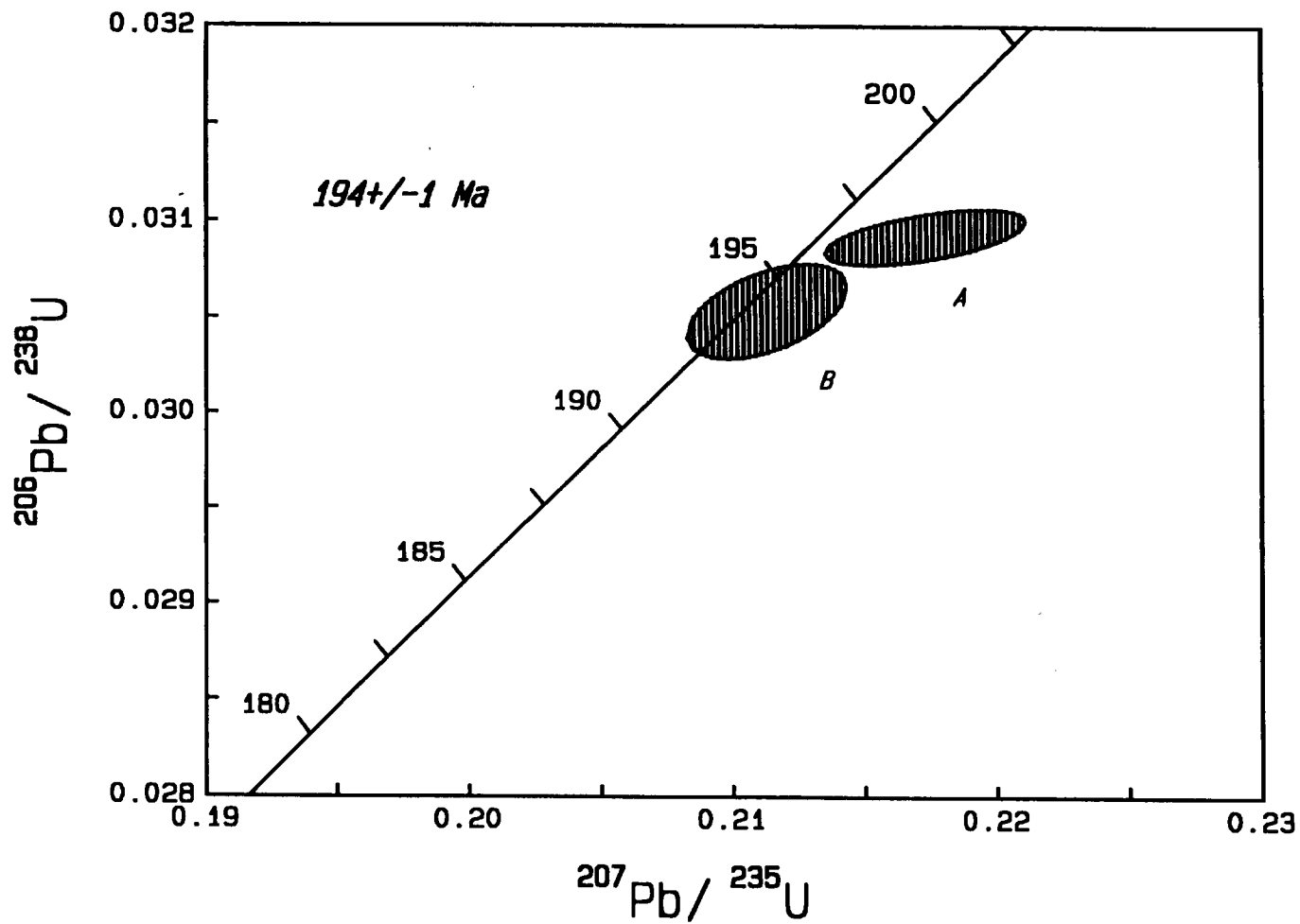
- KQ-90-151A  
KQ-90-152  
KQ-90-154C

Smithers B.C.

- KQ-89-2A  
ddh #70-2471-2491'

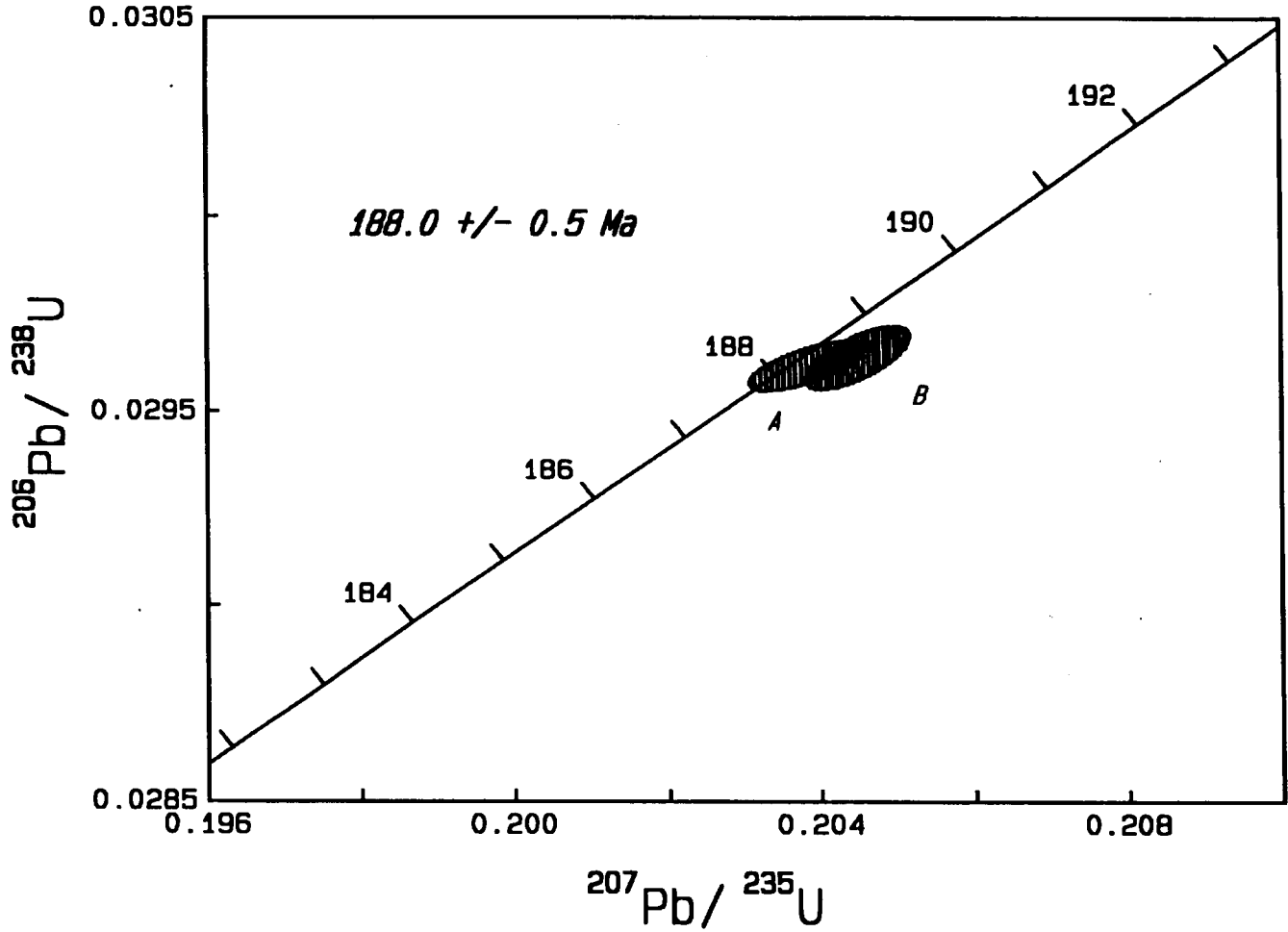
Data file: Z2087 Plot: Z2087.PLT 14 Jul 1993

KQ-90-151A



Data file: Z2086 Plot: Z2086.PLT 14 Jul 1993

KQ-90-152



KQ-86-89/90A

Jan. 1991

