

Geochronometry - Iskut  
River  
803885 Area

# The Iskut Telegraph

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## U-Pb Zircon Geochronometry - Update

Arne Toma, Jim Mortensen and the staff of the Isotope Laboratory (Geology - UBC) have been working diligently for several weeks on the suite of rocks collected for U-Pb geochronometric analysis of zircons, painstakingly extracted from various intrusive and extrusive rocks around the Iskut area. The purpose of this note is to inform the project's Technical Committee of preliminary data in a timely fashion. Much of the data should be considered preliminary, requiring some refinement and, in some cases, further mass spectrometric analysis; final results will be presented at our upcoming Technical Committee meeting.

| Sample #      | General Location      | Rock Type                         | Age* (Ma)        | Comment               |
|---------------|-----------------------|-----------------------------------|------------------|-----------------------|
| PDL-93-185    | Brucejack Lake        | Hb-Plag porphyry intrusion        | 182-190          | further work required |
| PDL-93-187    | Brucejack Lake        | Ksp megacrystic intrusion         | 193.9 +5, -0.5   | excellent analysis    |
| PDL-93-322    | N. Divilbliss Ck.     | foliated orthogneiss              | 209              | further work required |
| PDL-93-413    | N. Leduc Glacier      | foliated monzodiorite             | 220.3 +/- 2      | further work required |
| PDL-93-420    | Mt. Pearson           | dacite breccia                    | 186.6 +/- 5.6    | further work required |
| PDL-93-728    | Julian Lake           | dacite flow                       | 172 (minimum)    | further work required |
| PDL-93-759    | Julian Lake           | dacite flow                       | 178 +2, -1       | excellent analysis    |
| JFHT-TC-93-05 | Treaty Nunatak        | diorite                           | 185.6 +0.5, -1.1 | excellent analysis    |
| AJM-92-39     | Morrow Peak           | Ksp megacrystic intrusion (Lehto) | 193-196          | further work required |
| AJM-93-15     | north Knipple Glacier | rhyolite flow                     | 178 +5, -1       | further work required |
| AJM-93-31     | Corey Property        | flow-banded rhyolite              | 166 (minimum)    | further work required |

\* Preliminary

Any inquiries for further information should be directed towards the geologist responsible for the sample in question:

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