Plate 1, Oakley, W.L., 2006, M.S. Thesis, Idaho State University.

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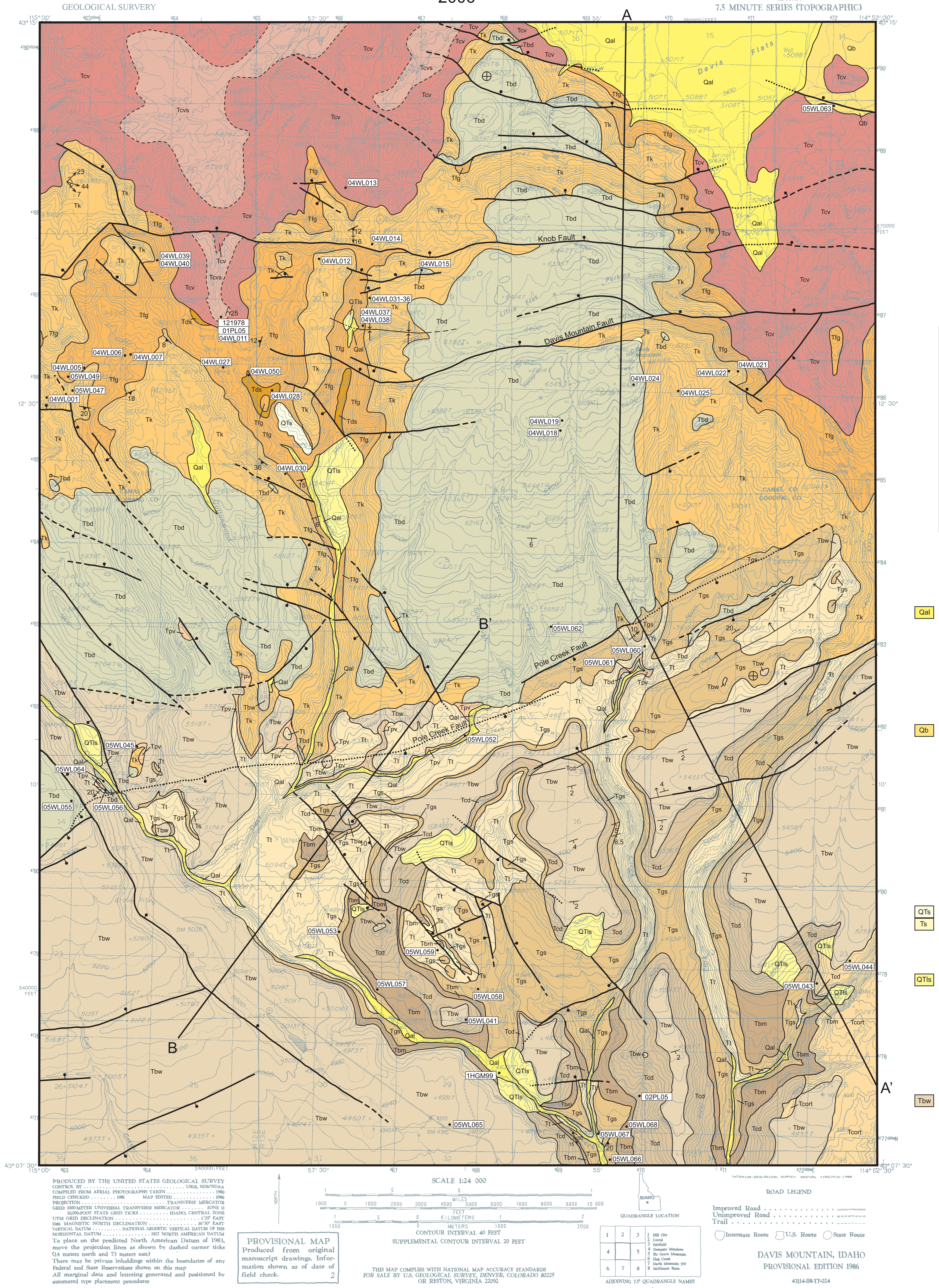
Oakley, W.L., III, 2006, Geologic map of the Davis Mountain quadrangle, Camas and Gooding counties, Idaho; Stratigraphic relations of Miocene rhyolites: Idaho State University, M.S. thesis, 144 p.

Geologic Map of the Davis Mountain Quadrangle, Gooding and Camas Counties, Idaho

William L. Oakley III[1] & Paul K. Link[1]

2006



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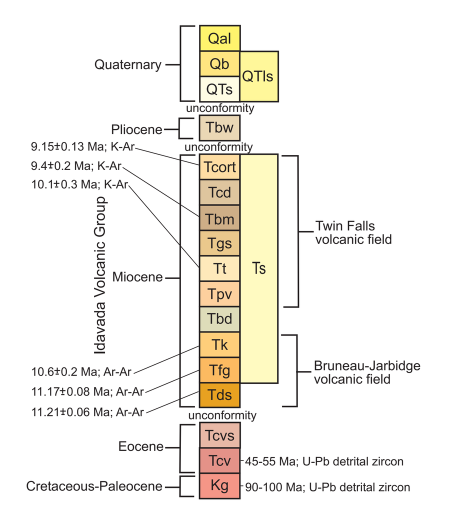
Digital cartography by Sean Long, Russell Frommer, and Diana Boyack at Idaho State University, Department of Geosciences', Digital Mapping Laboratory

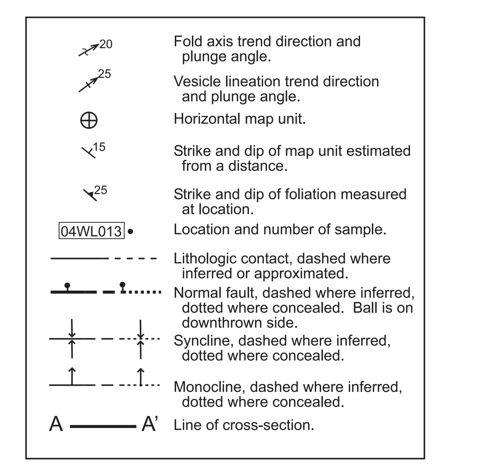
Funding by U.S. Geological Survey, EdMap Program, Grant 05-HQAG0022

From Oakley, W.L., 2006, M.S. Thesis Idaho State University

Correlation of Map Units



Map Symbols



Description of Map Units

Quaternary

Qal **Alluvium**

Qb **Basalt of Pothole**

Quaternary/Tertiary

QTs, Ts **Sediments Undivided**

QTls **Landslide Deposits**

Tbw **Basalt of Burnt Willow**

Miocene Units

Idavada Volcanic Group

Tcort **Tuff of City of Rocks**

Tcd **Diatomite of Clover Creek**

Tbm **Basalt of McHan**

Tgs **Tuff of Gwin Springs**

Tt **Tuff of Thorn Creek**

Tpv **Vitrophyre of Pole Creek**

Tbd **Basalt of Davis Mountain**

Tk **Tuff of Knob**

Tfg **Tuff of Fir Grove**

Tds **Rhyolite of Deer Springs**

Eocene Units

Challis Volcanic Group

Tcv **Challis Volcanic Flow Rocks**

Tcvs **Challis Volcanic Group Sediment**

Cretaceous

Kg **Granite**

Geologic History

Eocene

Late Miocene (11 to 7 Ma)

Late Miocene to Pleistocene (7 Ma to 0 Ma)

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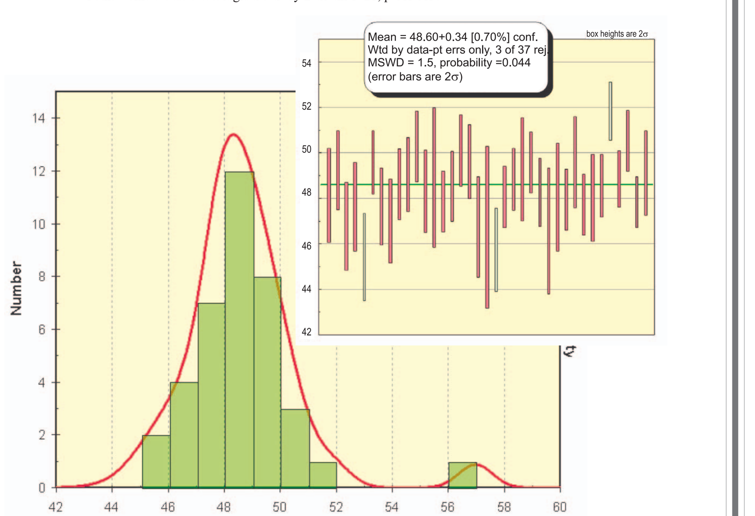
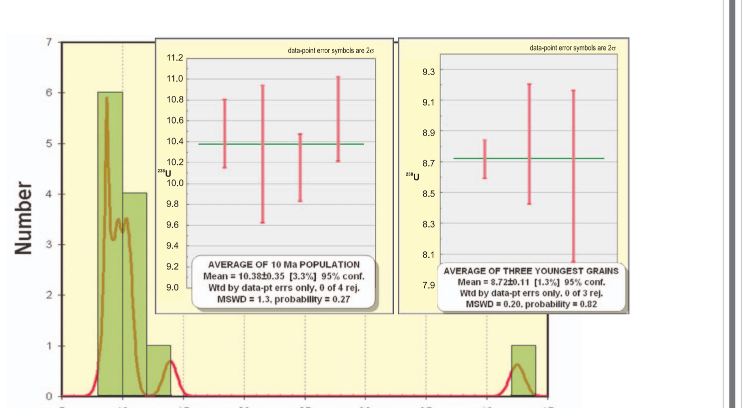


1PL05, 30 grains, Fluvial sand below Tcvs and Idavada Volcanics, located north of Deer Creek.

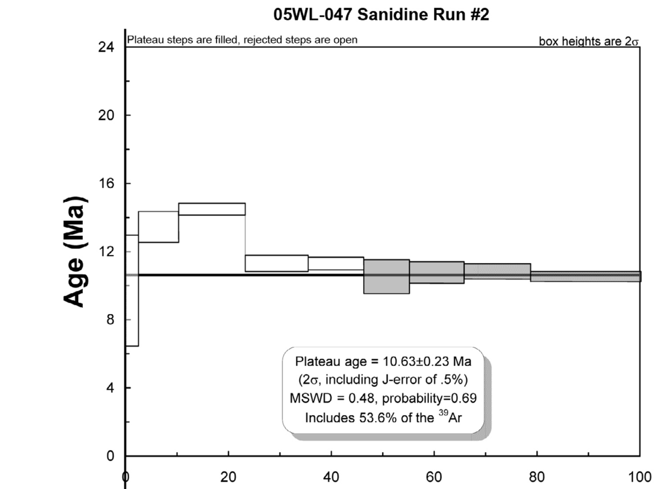


1HGM99, 12 grains, Clover Ck. Alluvium; Age (Ma)

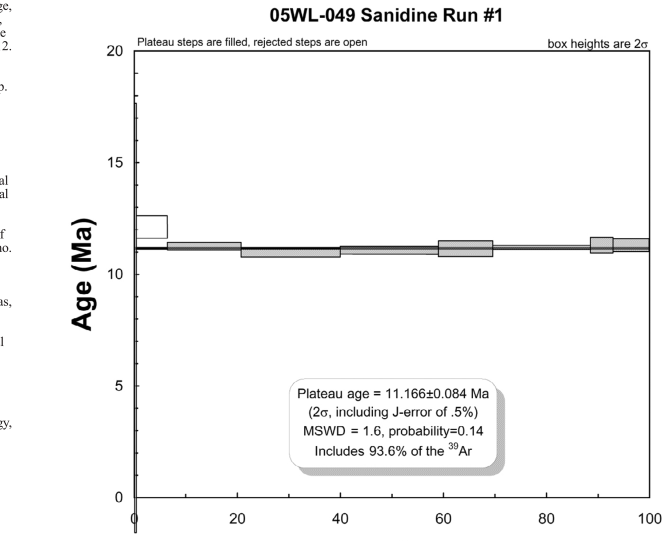
U-PB Geochronology by SHRIMP
Australian National University, C. Mark Fanning

Ar-Ar Ages

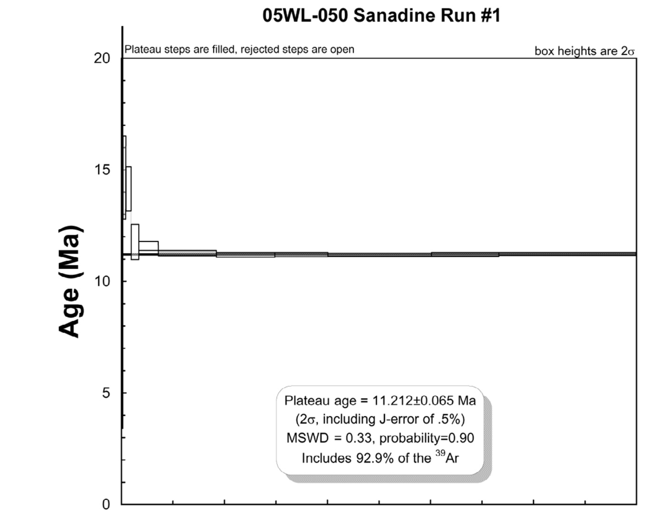
05WL-047 Sanidine Run #2



05WL-049 Sanidine Run #1

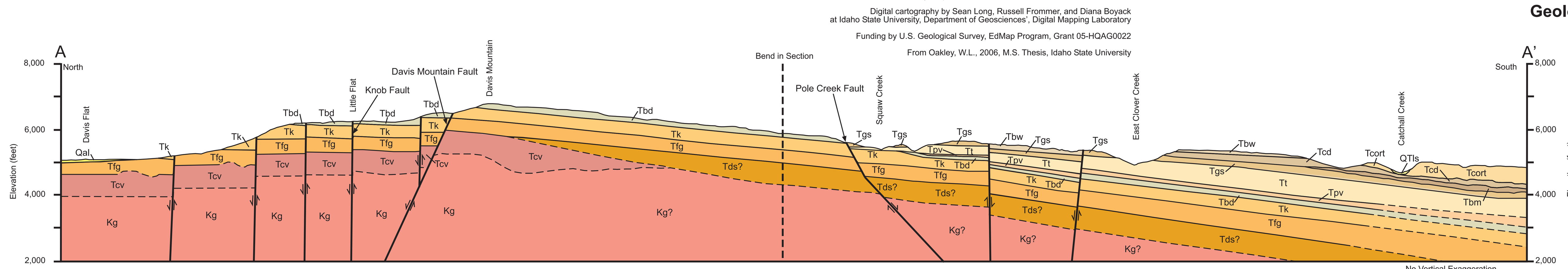


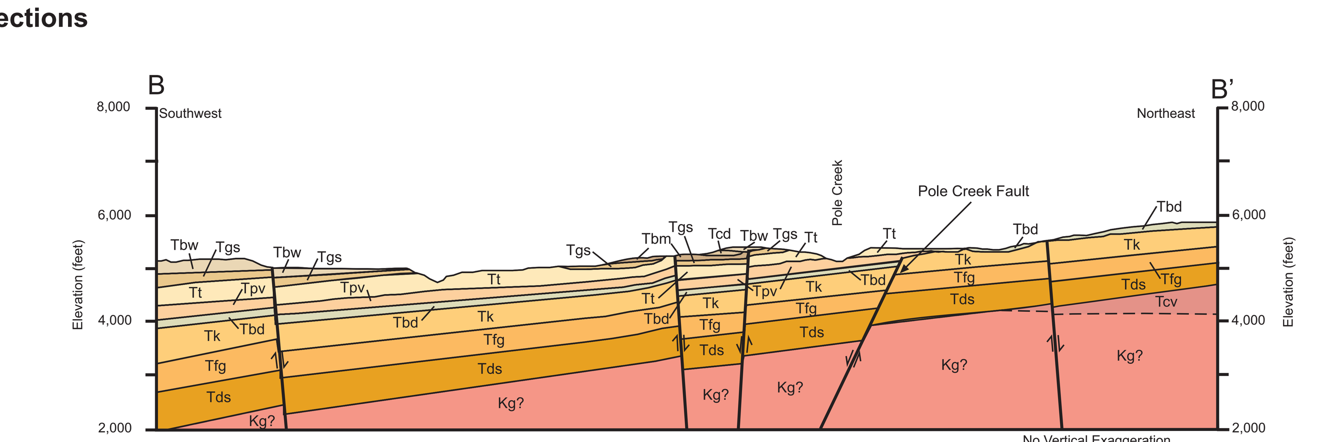
05WL-050 Sanadine Run #1



Ar-Ar Geochronology by T. D. Ullrich
University of British Columbia, 2006

Geologic Cross-Sections





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