

STATE OF OREGON
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
JOHN D. BEAULIEU, STATE GEOLOGIST

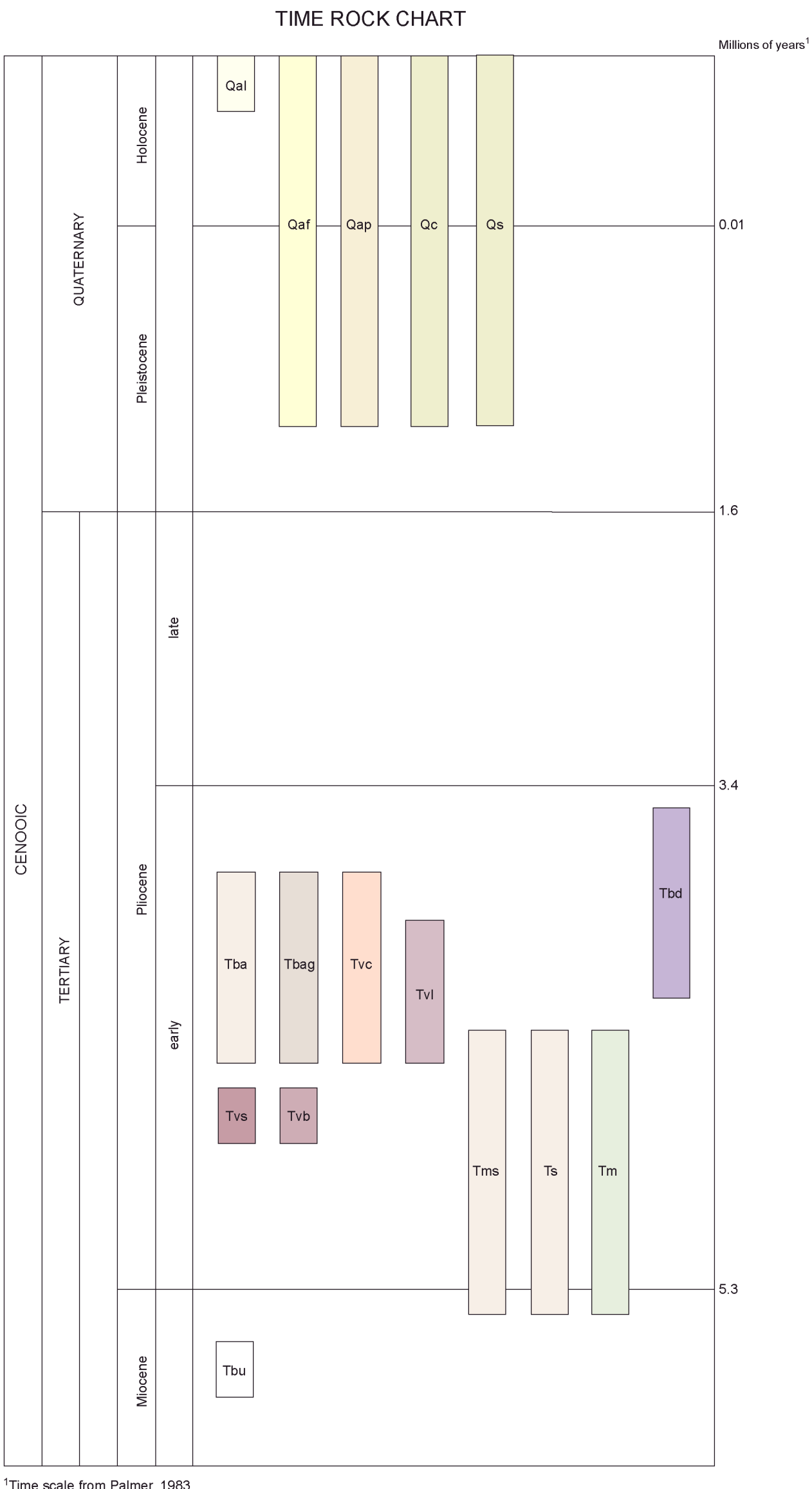
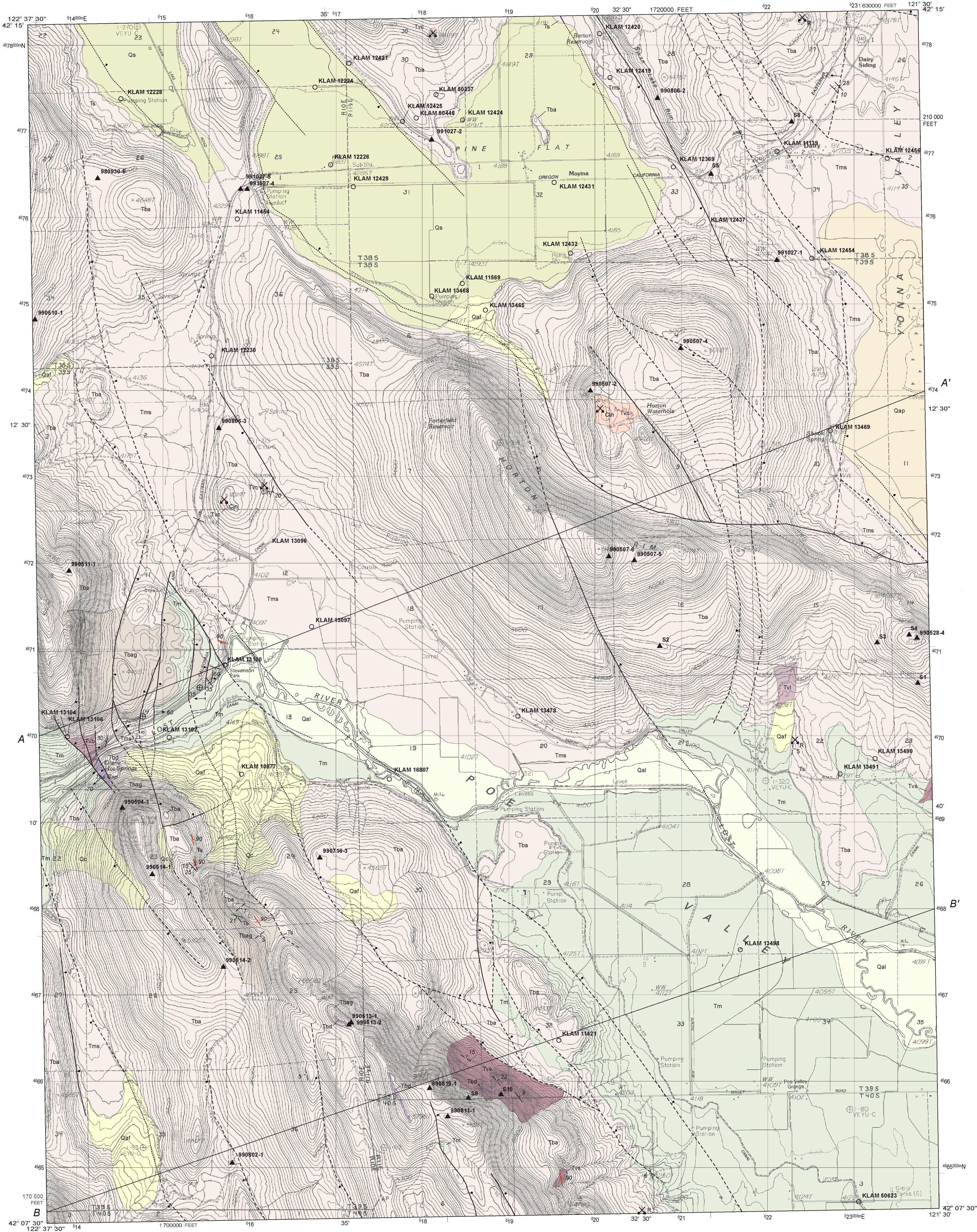
Geologic Map of the Dairy Quadrangle, Klamath County, Oregon 2003

GMS-112

Geologic Map of the Dairy Quadrangle, Klamath County, Oregon

By Frank R. Hadley

Supported by the U.S. Geological Survey, National Cooperative Geologic Mapping Program under assistance award no. 981RQA00036



EXPLANATION OF MAP UNITS

(see accompanying text for complete description of geologic units)

Surficial Units

- Qal Alluvium (Holocene)
- Qaf Alluvial fan deposits (Holocene and Pleistocene)
- Qap Playa deposits (Holocene and Pleistocene)
- Qc Colluvium (Holocene and Pleistocene)
- Qs Lacustrine sediments (Holocene-Pleistocene)
- Tba Basaltic andesite (Pliocene)
- Tbag Basaltic andesite agglutinate (Pliocene)
- Tvc Basaltic andesite cinder deposits (Pliocene)
- Td Lahar deposits (Pliocene)
- Tvb Volcanic breccia (Pliocene)
- Tvs Volcanic surge deposits (Pliocene)
- Tms Mudstone, siltstone, and sandstone (Pliocene and Miocene)
- Ts Sandstone (Pliocene and Miocene)
- Tm Diatomaceous and tuffaceous mudstone (Pliocene and Miocene)
- Tbu Basaltic andesite (shown only in cross sections) (Miocene?)
- Tbd Basaltic andesite dikes (Pliocene)

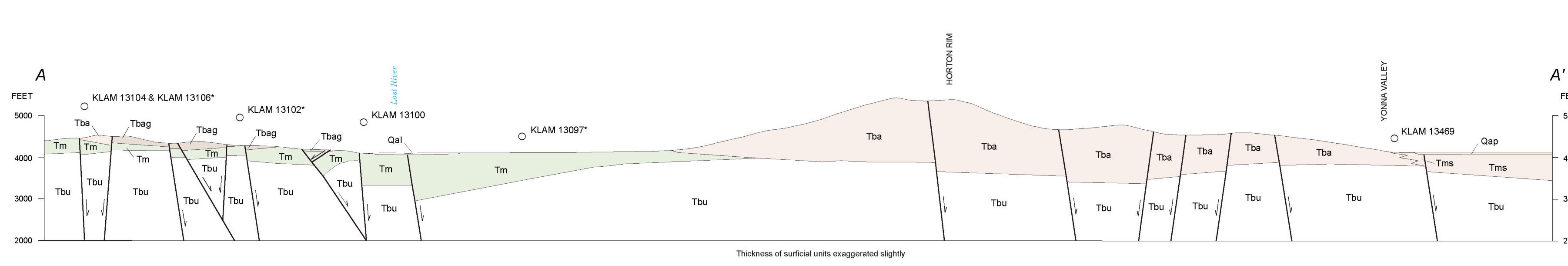
Intrusions

- Tbd Basaltic andesite dikes (Pliocene)

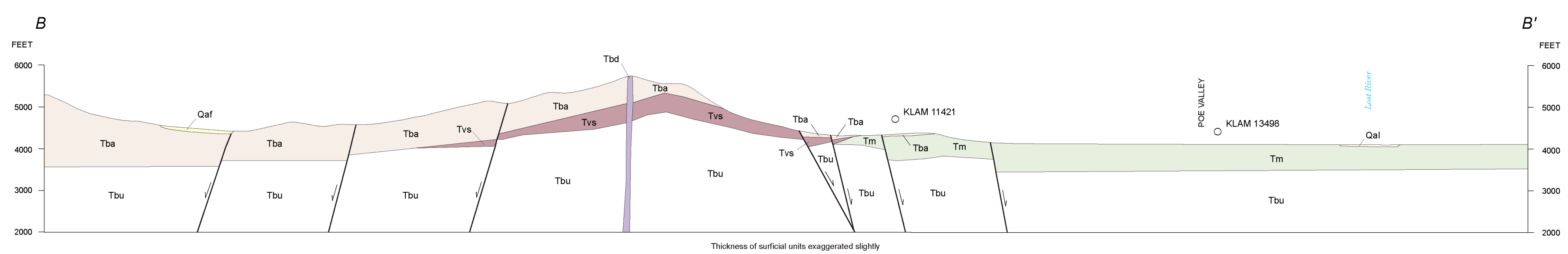
MAP SYMBOLS

- Contact—Approximately located
- Fault—Solid where certain, dashed where approximately located, dotted where concealed; ball and bar on downthrown block; arrow shows direction and plunge of lineation on fault where known
- Inclined bedding—Showing strike and direction of dip
- Inclined bedding—Showing approximate strike and direction of dip
- Horizontal bedding
- Water well—Type of use unspecified; wells designated with Oregon Water Resources Department's drilling identification number. In cross section A-C, network on drilling identification number indicates the well location was determined as central of quarter-quarter section from well log. Wells hovering above cross sections have been projected and listed are within 300 ft of section line
- Geochemical and geochronology sample location with map number—See Table 1.1 and 1.3 in accompanying text
- Sand, Gravel; commodity type: R = crushed rock, stone; Cln = cinders

GEOLOGIC CROSS SECTION A-A'



GEOLOGIC CROSS SECTION B-B'



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The Nature of the Northwest Information Center
300 NE Oregon Street #5
Portland, OR 97232
503/972-2750
www.naturenw.org
and the Baker City (541-523-3130) and Grants
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