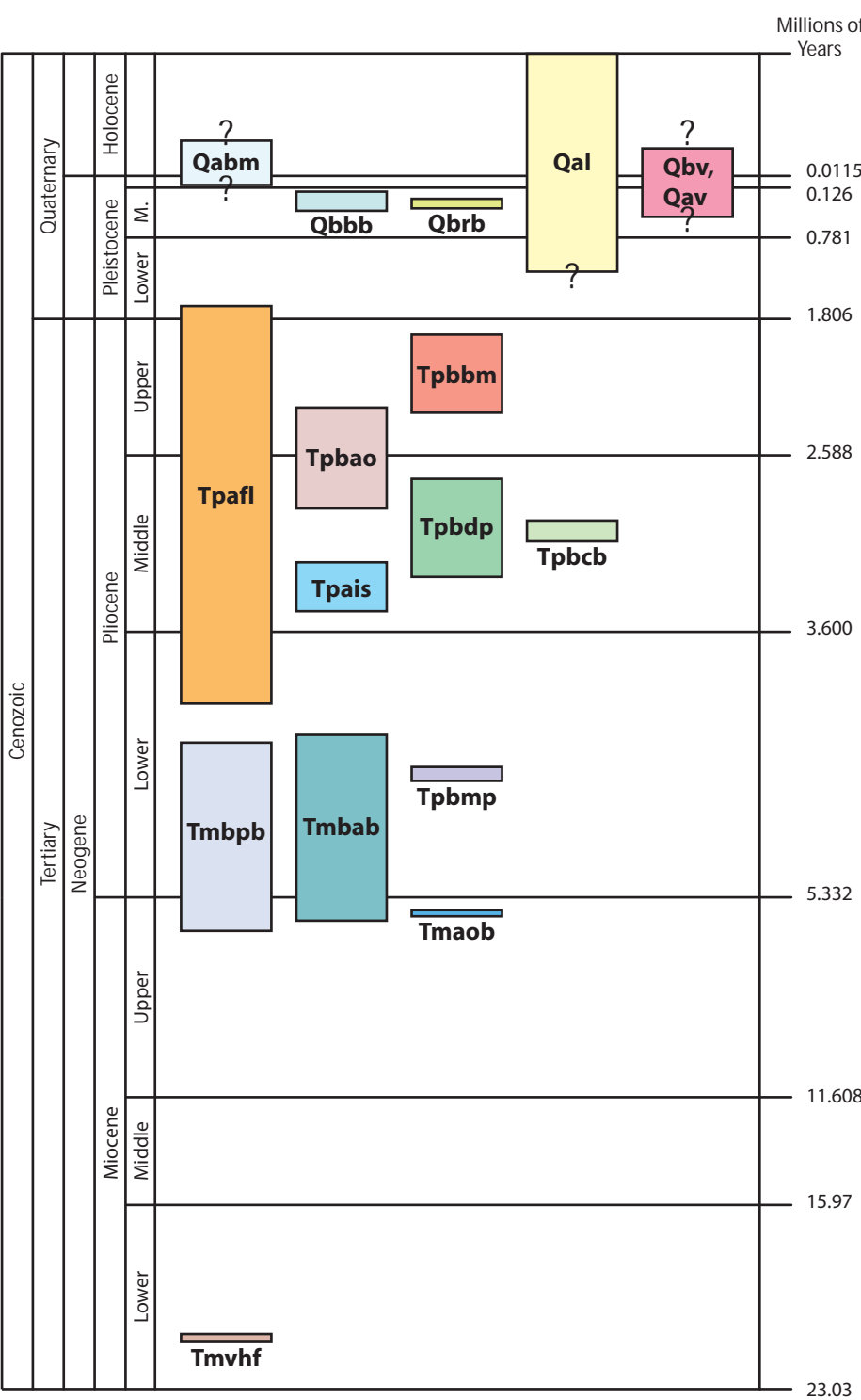


2007

Preliminary Geologic Map of the Brown Mountain 7.5' Quadrangle,
Jackson and Klamath Counties, Oregon
By S. A. Mertzman and others

The views and conclusions contained in this document are those of the authors and should not be interpreted as necessarily representing the official policies, either expressed or implied, of the U.S. government.




MAP UNITS

(A full description of the geologic units is found in the accompanying text)

Surficial Units

- | | |
|-----------------------|--|
| Qal | Alluvium (Pleistocene to Holocene) |
| Volcanic Units | |
| Qbvw, Qsw | Basaltic/ Basaltic Andesite/ Andesite Vent Deposits (M. Pleistocene to Holocene) |
| Qabm | Andesite of Brown Mountain (Upper Pleistocene to Holocene) |
| Qbbb | Basalt of Burton Butte (Middle Pleistocene) |
| Qbbr | Basalt of Robinson Butte (Middle Pleistocene) |
| Tpbm | Basalt of Brush Mountain (Upper Pliocene) |
| Tpbao | Basaltic Andesite of Old Baldy (Middle to Upper Pliocene) |
| Tpbcb | Basalt of Cox Butte (Middle Pliocene) |
| Tpbdp | Basalt of Daley Prairie (Middle Pliocene) |
| Tpais | Andesite of Ichabod Spring (Middle Pliocene) |
| Tpafi | Andesite of Fish Lake (Lower Pliocene to Lower Pleistocene) |
| Tpbmp | Basalt of Moon Prairie (Lower Pliocene) |
| Tmaob | Andesite of Old Baldy East (Upper Miocene) |
| Tmbab | Basaltic Andesite of Beaver Dam Creek (Upper Miocene to Lower Pliocene) |
| Tmbbp | Basalt of Pole Bridge Creek (Upper Miocene to Lower Pliocene) |
| Tmvhf | Heppsie Formation (Lower Miocene) |

GEOLOGIC MAP SYMBOLS

- Contact -- Approximately located
- Sample location and map number for specimens with available age dates and chemical analyses - Consult Table 1 in the attached text.
-  Sample location and map number for specimens with available chemical analyses - Consult Table 1 in the attached text.

MAP SCALE: 1:24,000

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Field Work: 1984, 1991, 1994, 1999, 2000, 2002, 2004