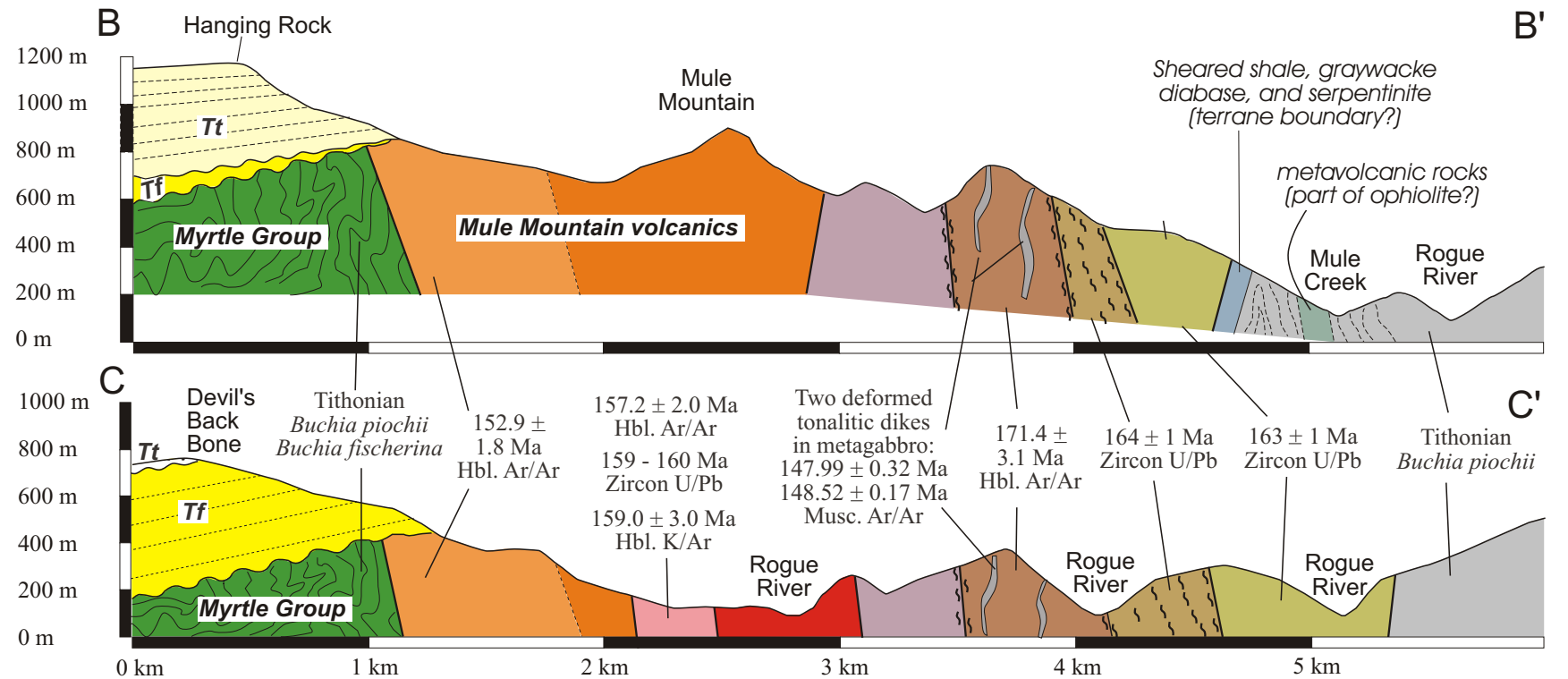


Tertiary { Tt Tf } Tye and Flournoy Fms.
Late Jurassic - early Cretaceous { KJd Jr } Days Creek & Riddle Fms.
Late Jurassic { Jd } Dothan Formation
Late Jurassic { BBSz } Blossom Bar shear zone
Late Jurassic { Jhd } Half Moon Bar diorite

Middle Jurassic - Late Jurassic { Jmv2 Jmv1 } Mule Mountain volcanics
Middle Jurassic - Late Jurassic { Jp } Pillows
Middle Jurassic - Late Jurassic { Jsd } Sheeted dikes
Middle Jurassic - Late Jurassic { Jmt } Metatonalite
Middle Jurassic - Late Jurassic { Jmg } Metagabbro

Simplified geologic map of the Wild Rogue Wilderness (see Plate 1 for more detail).
 The Myrtle Group (Days Creek and Riddle Fms.) and its igneous basement are part of the Snow Camp terrane in SW Oregon.
 The Dothan Formation (Yolla Bolly terrane) is part of the Franciscan complex (Modified from Figure 5.1 and Figure 2.2a)



Eocene cover
 Tye Fm (Tt), Flournoy Fm (Tf).

Myrtle Group
 (equiv. of Great Valley Group in California)
 sandstone, shale, conglomerate

Dothan Formation
 (Yolla Bolly terrane, part of the Franciscan complex)
 shale, graywacke

Mule Mountain volcanics
 mainly dacites and volcanoclastics (sandstone, shale, chert)
 mainly basaltic to andesitic flows and shallow intrusive rocks, minor volcanic breccias

Half Moon Bar diorite
 gabbro to tonalite intruded by porphyritic dikes

Pillow unit:
 pillow lava intruded by diabasic, andesitic and dacitic dikes

Blossom Bar shear zone:
 mostly mafic mylonitic rocks and cataclasites but also silicic mylonites (low to medium grade)

Sheeted dike complex:
 diabasic and microdioritic dikes; abundant screens of cumulate gabbro, some plagiogranites

Metagabbro unit:
 hbl-gabbro to tonalite, mafic dikes and enclaves

Metatonalite unit:
 tonalite to trondhjemite, dioritic enclaves, abundant mylonite zones

Cross sections along lines BB' and CC'. Isotopic and fossil ages are given (modified from Figure 2.2b).

Mule Mountain volcanics		Half Moon Bar Diorite	Pillow unit	Metagabbro unit	Meta-tonalite unit	Sheeted dike complex
upper section mostly dacites and volcanoclastics	lower section mostly basalt and andesite			"depleted" IAT		Gabbro screens: IAT
CA (dacites)	IAT (basalt to and.)			Hbl-qtz diorite IAT		Sheeted dikes: IAT
IAT (dacites)	IAT+BON	CA	IAT+BON	Musc-gar tonalite dikes	CA	MORB IAT CA CA+BON
BON						

Geochemical affinities of units in the Wild Rogue Wilderness (from Figure 7.2)
 CA - calc-alkaline; IAT - island arc tholeiite; BON - boninite; MORB - mid-ocean ridge basalt