

	containing brown glass, chlorite, and hematite. Crypto-felsic minerals interpreted to be devitrifiglass. Dark-gray latitic flow or dike comprised of euhedral andesine laths (up to 3 mm), perthis orthoclase, and sparse augite in a pilotaxitic groundmass of crypto-felsic minerals, andesine microlite chlorite, and magnetite exposed in NW <sup>1</sup> /4 NW <sup>1</sup> /4 sec. 19, T. 35 S., R. 1 E., south of Nichols Gap in a overflow draw for the Medford aqueduct. Thickness in quadrangle greater than 900 m (3,000 ft)
Trt	<b>Tuff</b> —Tan, buff, light-olive, crystal vitric andesitic to latitic tuff. Laterally discontinuous, ofted discordant. Includes several deposits probably erupted from different sources. Includes welde latitic, orthoclase-phyric ash-flow tuff in NE <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub> sec. 15, T. 34 S., R. 1 W.; similar exposure on the southeast flank of Vestal Butte contain carbonized wood. A devitrified, fine-as andesitic, crystal vitric tuff intruded by andesitic dikes in the NE <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub> sec. 13, T. 34 S. R. 1 W. In NW <sup>1</sup> / <sub>4</sub> sec. 19, T. 35 S., R. 1 E., unit <b>Trt</b> includes planar-stratified, thin-medium-bedded, moderately to poorly sorted, partially argillized, unwelded, pumice lith crystal, lapilli-ash air-fall tuff containing randomly emplaced latitic blocks displaying poor preserved impact structures; this deposit is underlain by poorly sorted, chaotic, welded, latit block- and ash-flow tuff, which, in turn, is underlain by latitic flows or dikes. Maximum thickne about 120 m (400 ft)
Trc	<b>Conglomerate</b> —Tan, poorly sorted, mud-supported, polymodal, polylithic volcanogenic cobb conglomerate occasionally containing coherent clasts of shale; locally sandy and moderate sorted with graded bedding in Shady Cove. Clasts are typically angular to subrounded with lo to moderate sphericity. Interpreted as lahar deposits, locally transitional to hyperconcentrat flow deposits. Unit frequently found at or near base of unit <b>Tr</b> . Thickness widely variable, wi maximum about 180 m (600 ft)



Map no. M1	UTM				
	Name Shady Cove/Long Branch	coordinates		Commodity	unit
		4718000N	511530E	Stone	Tbc
M2	Alexis Boutacoff	4716160N	512160E	Stone	Tbc
M3	Indian Creek Quarry	4715670N	516300E	Stone	Tr
M4	Toprock Pit	4715230N	510740E	Stone	Tbc
M5	Toprock Pit	4715310N	511110E	Stone	Tbc
M6	Gerald Schneider	4711500N	514660E	Stone	Toea
M7	Wedgewood	4709280N	511590E	Stone	Toeb
M8	Wedgewood	4709410N	512370E	Stone	Toeb
M9	Mountain View Rock	4706870N	514390E	Stone (granite)	Tim
M10	Nichols Gap	4706960N	519680E	Stone	Tr
M11	Modoc Rock Pit	4705100N	510660E	Stone	Qoa