



Figure 37: Reproduction of the northern half of Dibblee's (1967) geologic map of the Morongo Valley Quadrangle (1:62,500 scale). Box in Figure 1 shows the location of this map on the eastern flank of the San Bernardino Mountains. The purpose of this figure is to show the distribution of basalt flows on the weathered surface of the eastern part of the Big Bear plateau. Basalt flows (QTb) are shown in red, and overlie both Tertiary Old Woman (?) sandstone (To, in yellow) and Mesozoic quartz monzonite (in pink). All of the basalt outcrops in the lower right, on the eastern side of the Pipes Canyon fault, are correlative as the same flow system (Neville, 1983). The basalt outcrops in the central upper portion of the map, on the western side of the Pipes Canyon fault, are not correlative as the same flow system as those to the east, but occupy the same structural position relative to the weathered surface. Line AA' shows location of profile in Figure 39.

