GEOLOGIC MAP SHOWING GENERALIZED DISTRIBUTION OF TYPES OF QUARTZ MONZONITE WITHIN THE BOULDER BATHOLITH, BASIN QUADRANGLE, MONTANA

EXPLANATION

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Elkhorn Mountains volcanics roof rocks of Boulder batholith

Butte quartz monzonite
Quartz monzonite and granodiorite of the Boulder batholith; c, coarse grained; m, medium grained; md, medium grained medium gray; mdb, medium grained medium gray with pink tint; f, fine grained; p, with common or abundant alkalic feldspar crystals

Contact of rocks of Boulder batholith and roof rocks
Trace of axial plane of inferred anticline in roof rocks
Trace of axial plane of inferred syncline in roof rocks

12,000  0  12,000  24,000 FEET