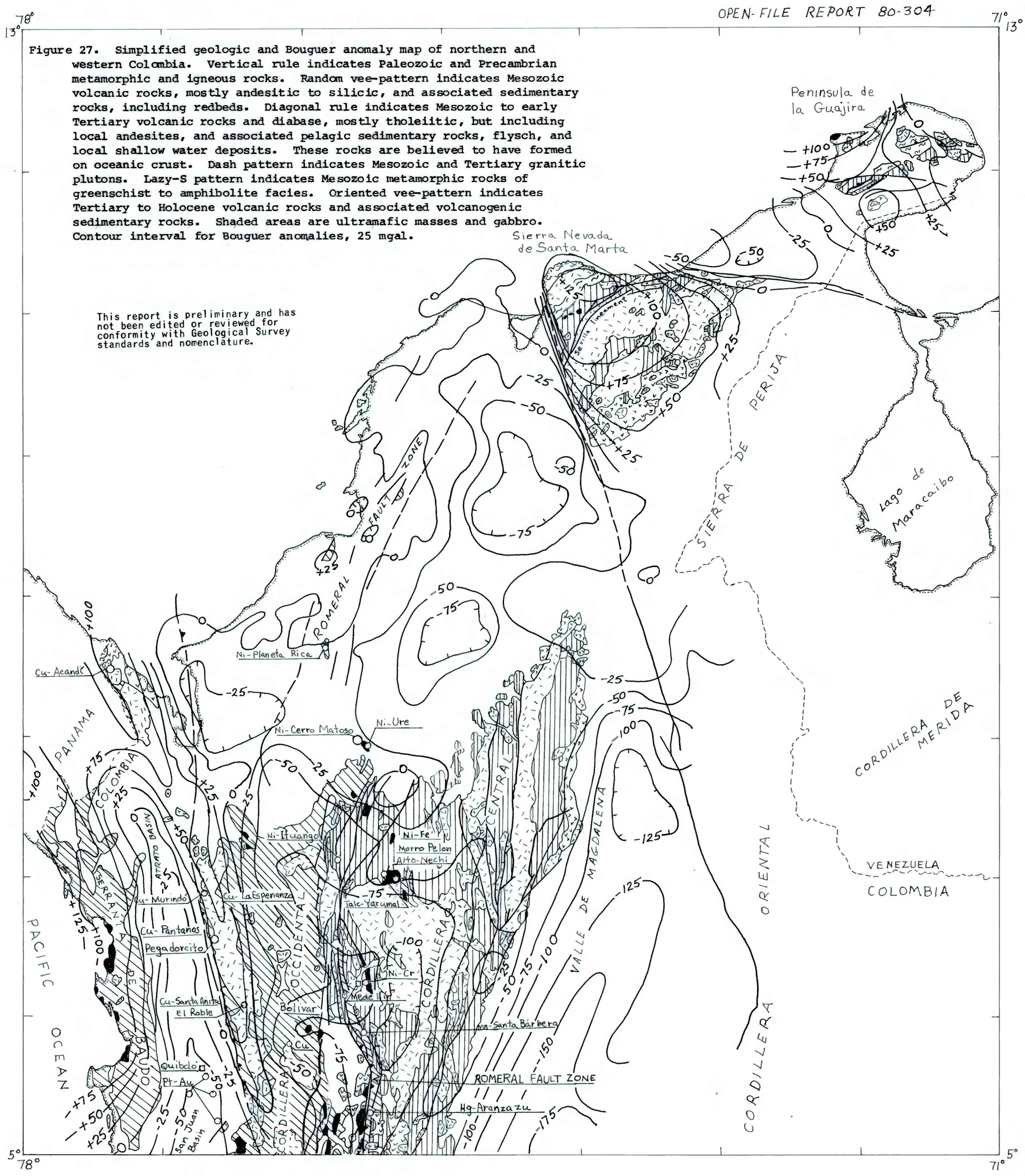
OPEN-FILE REPORT 80-304

Figure 27. Simplified geologic and Bouguer anomaly map of northern and western Colombia. Vertical rule indicates Paleozoic and Precambrian metamorphic and igneous rocks. Random vee-pattern indicates Mesozoic volcanic rocks, mostly andesitic to silicic, and associated sedimentary rocks, including redbeds. Diagonal rule indicates Mesozoic to early Tertiary volcanic rocks and diabase, mostly tholeiitic, but including local andesites, and associated pelagic sedimentary rocks, flysch, and local shallow water deposits. These rocks are believed to have formed on oceanic crust. Dash pattern indicates Mesozoic and Tertiary granitic plutons. Lazy-S pattern indicates Mesozoic metamorphic rocks of greenschist to amphibolite facies. Oriented vee-pattern indicates Tertiary to Holocene volcanic rocks and associated volcanogenic sedimentary rocks. Shaded areas are ultramafic masses and gabbro. Contour interval for Bouguer anomalies, 25 mgal.




This report is preliminary and has not been edited or reviewed for conformity with Geological Survey standards and nomenclature.