



EXPLANATION

[White box]	Quaternary and Tertiary deposits (Undifferentiated)
[Red box]	Ji Intrusive rocks
[Green box]	Jd Dunlap formation
[Light green box]	Rj Gabbs and Sunrise formations
[Blue box]	Ri Luning formation
[Light blue box]	Re Excelsior formation
[Dark blue box]	Rg Grantsville formation
[Light blue box]	Rc Candelaria formation
[Blue box with dots]	Pv Volcanics
[Blue box with horizontal lines]	Pq Quartzite and slate
[Blue box with vertical lines]	Pl Limestone
[Red box with diagonal lines]	Os Slate, limestone, and chert
[Orange box with diagonal lines]	Qz Quartzite, slate, and limestone

Normal fault or flow (Dashed where approximately located; dotted where concealed.)
Thrust fault (T, overthrust side)
Areas within rectangles also shown on larger scale maps in this report.

GEOLOGIC MAP OF HAWTHORNE AND TONOPAH QUADRANGLES, NEVADA, SHOWING DISTRIBUTION OF PRE-TERTIARY FORMATIONS

