



Compiled by R.L. Blakely and
July Ryan, 1978

This report benefited from numerous discussions with Andrew Olivero, Oregon, and from the assistance of the following individuals: ...

MAGNETIC COMPASSION—Showing total anomaly of the Earth in gamma. Contour interval 50 gamma. Numbers indicate direction of increasing intensity. Only heavy contours are hatched.

BOUNDARY OF SURVEYS—Shows the boundary between various surveys used in compilation.

INTRODUCTION
These maps are part of a folio of maps of the Medford 1° by 2° quadrangle, Oregon, prepared under the Continental United States Mineral Assessment Program...

MAGNETIC SUSCEPTIBILITY MEASUREMENTS
Tables 2 and 3 show 163 magnetic susceptibility determinations for various types of rocks from the Medford 1° by 2° quadrangle...

EXPLANATION
MAGNETIC SUSCEPTIBILITY—Showing total anomaly of the Earth in gamma. Contour interval 50 gamma. Numbers indicate direction of increasing intensity. Only heavy contours are hatched.

REFERENCES
Blakely, R.L., 1978, A program for rapidly computing the magnetic anomaly over digital topography. U.S. Geological Survey Open-File Report 81-298, 48 p.

ACKNOWLEDGMENTS
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Fig. 1 This prominent anomaly is associated with the Old Hill pluton. The shape of the anomaly is consistent with the shape of the pluton. ...

Fig. 2 Anomaly P₁ is a subtle anomaly, here interpreted to be caused by the ...

Fig. 3 The Cassopville pluton at the north edge of the map produces anomaly ...

Fig. 4 The west half of the Medford 1° by 2° quadrangle is characterized by ...

Fig. 5 The east half of the Medford 1° by 2° map is dominated by volcanic rocks ...

Fig. 6 This anomaly label refers to all of the short-wavelength, high-amplitude ...

Fig. 7 Anomaly V₁ is underlain by oligoclase flow and interbedded breccia of ...

Fig. 8 Anomaly V₂ overlies the generally higher terrain of Butler Butte, ...

Fig. 9 Anomaly V₃ overlies an unexposed rhyolite (formerly dissected Pliocene ...

Fig. 10 This anomaly, over the west rim of Crater Lake (Quaternary andesite ...

Fig. 11 Anomaly V₄ overlies the high plateau of the western and central ...

Fig. 12 Anomaly V₅ overlies the high plateau of the western and central ...

Fig. 13 This anomaly is associated with the Stone West and Stone East ...

Fig. 14 Anomaly V₆ overlies the high plateau of the western and central ...

Fig. 15 Anomaly V₇ overlies the high plateau of the western and central ...

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