



Magnetic survey over Boyertown mines by F.W. Lee, H.E. Kuehn, and G.E. Dent, U.S. Bureau of Mines, 1943. Magnetic instrument: Askania Schmidt-type magnetometer

Geologic and magnetic survey by H.E. Hawkes, H. Wedow, and P.W. Wedow, 1944 and 1950



EXPLANATION

<p>Qal Alluvium</p> <p>Rdb Diabase</p> <p>R sed Conglomerate, sandstone, shale, and their metamorphosed equivalents</p> <p>€O Quartzite, limestone, dolomite, and shale</p> <p>p€ Gneiss, marble, and granite</p>	<p>QUA- TERNARY</p> <p>TRIASSIC</p> <p>ORDOVICIAN AND CAMBRIAN</p> <p>PRE- CAMBRIAN</p>	<p>----- Contact, approximately located</p> <p>■ Shaft, Boyertown mines</p> <p>⊗ Abandoned magnetite prospect</p> <p>Is Rock quarry (Is, limestone)</p>	<p>• Magnetometer station</p> <p>600 Magnetic vertical intensity contours in gammas above arbitrary datum. (Contour interval 100 gammas below 1000 and 500 gammas above 1000)</p> <p>5 Magnetic anomaly referred to in text</p> <p>TRAVERSE E Approximate location of aeromagnetic traverses. (Not all flights along each traverse were in same location so the mean position is plotted)</p>
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MAGNETIC AND GEOLOGIC MAP OF AREA SOUTHWEST OF BOYERTOWN, PENNSYLVANIA