

(200)
E
no. 1312-E

EXPLANATION

Tertiary intrusive rocks
Laccoliths and dikes

Paleozoic rocks
Stippled at edges only so structure of
Precambrian rocks will not be ob-
scured

Metagraywacke, schist, and slate

Graphitic schist and cherty
ferruginous schist

Metabasalt and chert
Includes some metagabbro
ch, chert bed

Contact
Solid where observed; dashed where
approximately located or inferred;
questioned where position uncertain;
dotted where concealed

Anticline Syncline
Normal fold
Showing trace of axis and direction
of plunge

Anticline Syncline
Overturned fold
Showing trace of axis and direction
of plunge. Dotted where concealed.
Arrows indicate direction of dip
of limbs; numeral indicates ap-
proximate dip of limbs and axial
plane

IV
Anticline described in text

Graded beds Pillow lavas
Top of beds

Inactive mine
Au, gold
Pb-Ag, lead-silver

Tailings

Diamond-drill hole

Gold, in parts per million (in rocks)
○ <0.10
● >0.10 <1.00
○ >1.00, value given

Gold, in parts per million (in soil)
□ >0.10 <1.00
■ >1.00, value given

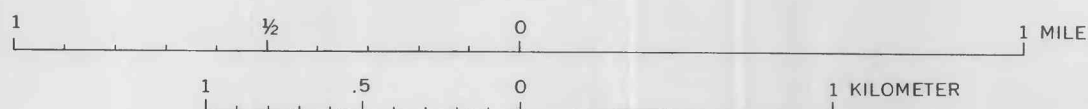
Arsenic, in parts per million
▲ >500 <1000
Values >1000 given
Sample locations and values



Base from U.S. Geological Survey,
Deadwood South, 1961; and Deadman Mountain, 1954

SCALE 1:24 000

Geology by R. W. Bayley, 1968



GEOLOGIC MAP OF THE GALENA-ROUBAIX DISTRICT, LAWRENCE COUNTY, BLACK HILLS, SOUTH DAKOTA