



(200)  
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w. 1312-E

UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

BULLETIN 1312-E  
PLATE 1



EXPLANATION

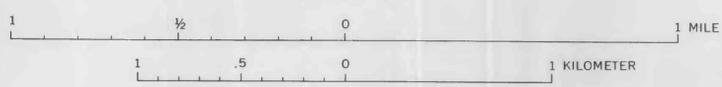
- Tertiary intrusive rocks  
Laccoliths and dikes
- Paleozoic rocks  
Stippled at edges only so structure of Precambrian rocks will not be obscured
- Metagraywacke, schist, and slate
- Graphitic schist and cherty ferruginous schist
- Metabasalt and chert  
Includes some metagabbro  
ch, chert bed
- Contact  
Solid where observed; dashed where approximately located or inferred; queried 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 approximate 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

PRECAMBRIAN

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

371-691 O - 70 (In pocket)