DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH
THE STATE OF IOWA
GEOLOGICAL SURVEY

MINERAL INVESTIGATIONS
FIELD STUDIES MAP MF 116

GEOLOGY AND ZINC-LEAD DEPOSITS IN THE CATFISH CREEK AREA, DUBUQUE COUNTY, IOWA

By
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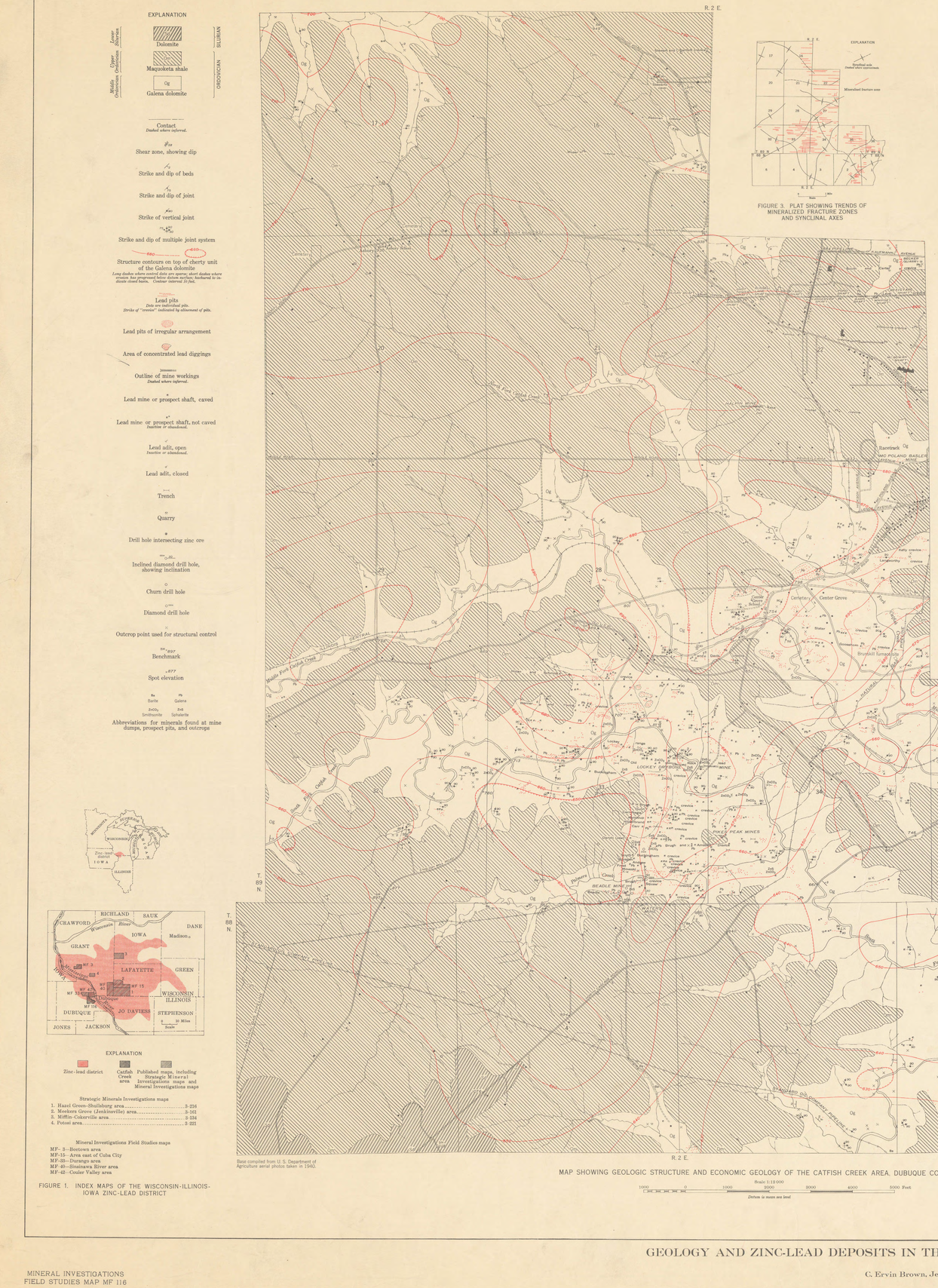
EXPLANATION
Dolomite
Maquoketa shale
Galena dolomite
Contact
Dashed where inferred
Shear zone, showing dip
Strike and dip of beds
Strike and dip of joint
Strike of vertical joint
Strike and dip of multiple joint system
Structure contours on top of cherty unit of the Galena dolomite
Long dashes where control data are sparse; short dashes where contours are projected below thirteen-foot bed. Anchored to indicate closed basin. Contour interval 10 feet.
Lead pits
Data are individual pits.
Strike of "crevice" indicated by silhouette of pits.
Lead pits of irregular arrangement
Area of concentrated lead diggings
Outline of mine workings
Dashed where inferred.
Lead mine or prospect shaft, caved
Lead mine or prospect shaft, not caved
Inactive or abandoned.
Lead adit, open
Inactive or abandoned.
Lead adit, closed
Trench
Quarry
Drill hole intersecting zinc ore
Inclined diamond drill hole, showing inclination
Churn drill hole
Diamond drill hole
Outcrop point used for structural control
Benchmark
Spot elevation
Abbreviations for minerals found at mine dumps, prospect pits, and outcrops
Cerussite
Galena
Sphalerite
Smithsonite
Middle Fork Catfish Creek
Middle Fork Catfish Creek
Brush and Amsden mine
Brush and Amsden crevice
Looney Creek
Looney Creek mine
Pike's Peak mines
Beadle mine
Beadle crevice
Watery furnace site
Rockdale
Rockdale Creek
Ravenruck
Ravenruck mine
Old Poland Basley mine
Kelly crevice
Kelly mine
Center Grove
Cemetery
Catfish Creek
Catfish Creek Road
Bridge
Ford
Dubuque
Asbury
Asbury Road
Asbury Avenue
Key West
Key West Road
Key West Drive
Key West Subdivision
Key West Shopping Center
Key West Elementary School
Key West Junior High School
Key West Senior High School
Key West Park
Key West Golf Course
Key West Golf Club
Key West Golf Course Clubhouse
Key West Golf Course Pro Shop
Key West Golf Course Driving Range
Key West Golf Course Practice Green
Key West Golf Course Putting Green
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Key West Golf Course Fairway
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