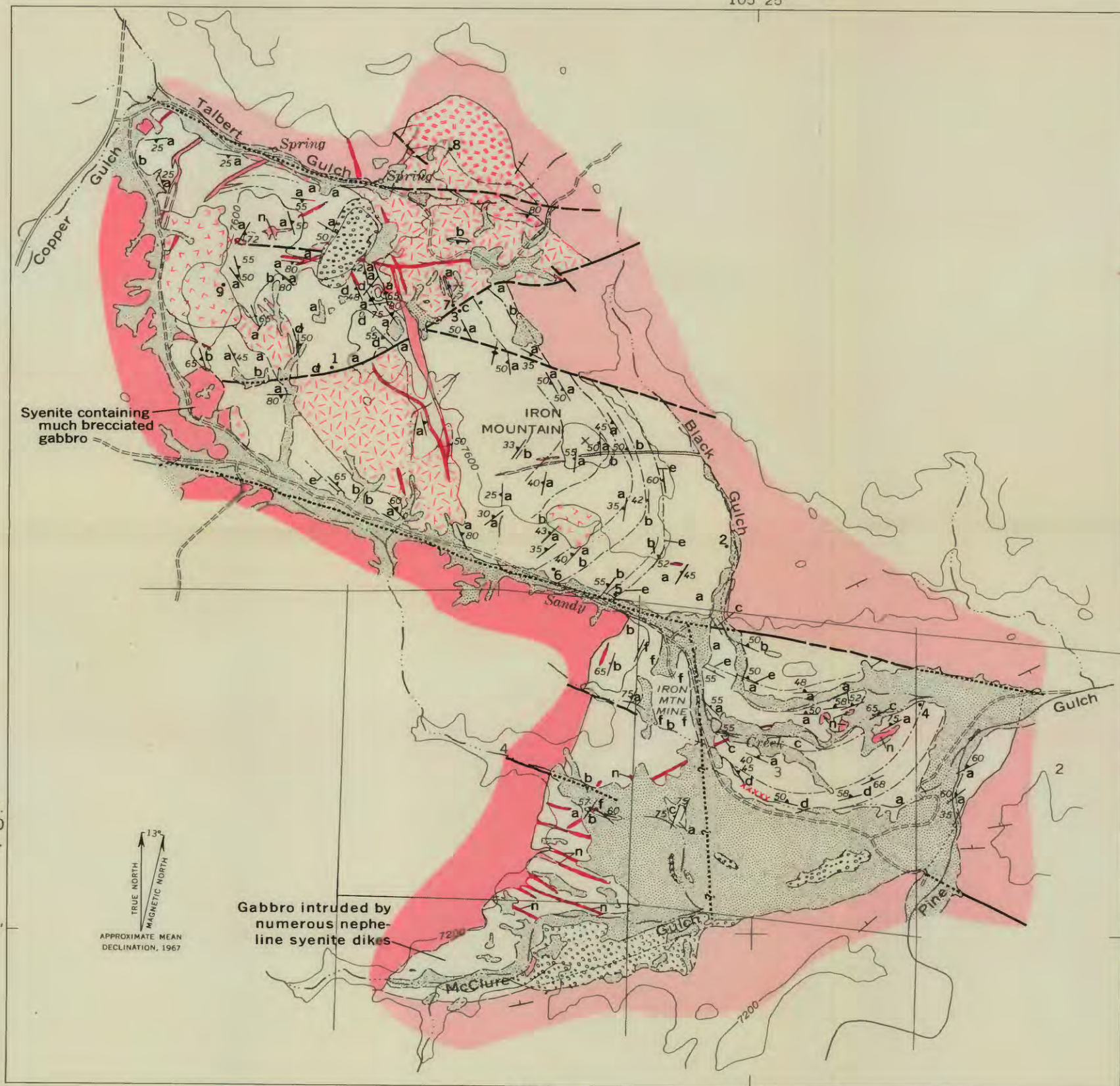


105° 25'



T. 20 S.
38° 20'
TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION, 1967

Base from U.S. Geological Survey
Royal Gorge 1:62,500, 1959

R. 72 W.

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D.C.—1967—G67212
Geology by D. R. Shawe and R. L. Parker, 1964

0 1 MILE

0 1 KILOMETER

CONTOUR INTERVAL 400 FEET
DATUM IS MEAN SEA LEVEL

**GEOLOGIC MAP OF THE MAFIC-ULTRAMAFIC LAYERED INTRUSION
AT IRON MOUNTAIN, FREMONT COUNTY, COLORADO**

EXPLANATION

- Alluvium
- Boulder gravel
- Carbonatite dike
- Syenite
Coarse-grained biotite-hornblende facies in large intrusive; generally fine-grained syenite of several types in thin dikes. n, nepheline syenite. Syenites not all the same age
- Anorthosite
- Fine-grained pyroxenite
- Coarse-grained pyroxenite
- Layered rocks of the stratified complex
Letters indicate rock type where identified: a, gabbro; b, pyroxenite; c, anorthosite; d, dunitic rock; e, thin layer of dunitic rock in east and south parts of complex; f, titaniferous magnetite. Dash-dot line shows readily mappable layer generally evident on aerial photographs
- Granitic and amphibolitic gneiss and schist
- Contact
Dashed where approximately located; dotted where concealed
- Fault
Dashed where approximately located; dotted where concealed; queried where uncertain
- Strike and dip of layering in mafic and ultramafic rocks of the stratified complex
- Strike and dip of layering in granitic and amphibolitic gneiss and schist
- Dip of syenite dike
- Sample locality

McClure Mountain Complex

QUATERNARY
TERTIARY

PRECAMBRIAN OR CAMBRIAN

PRECAMBRIAN