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DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

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GEOLOGIC MAP OF CLARK COUNTY, NEVADA

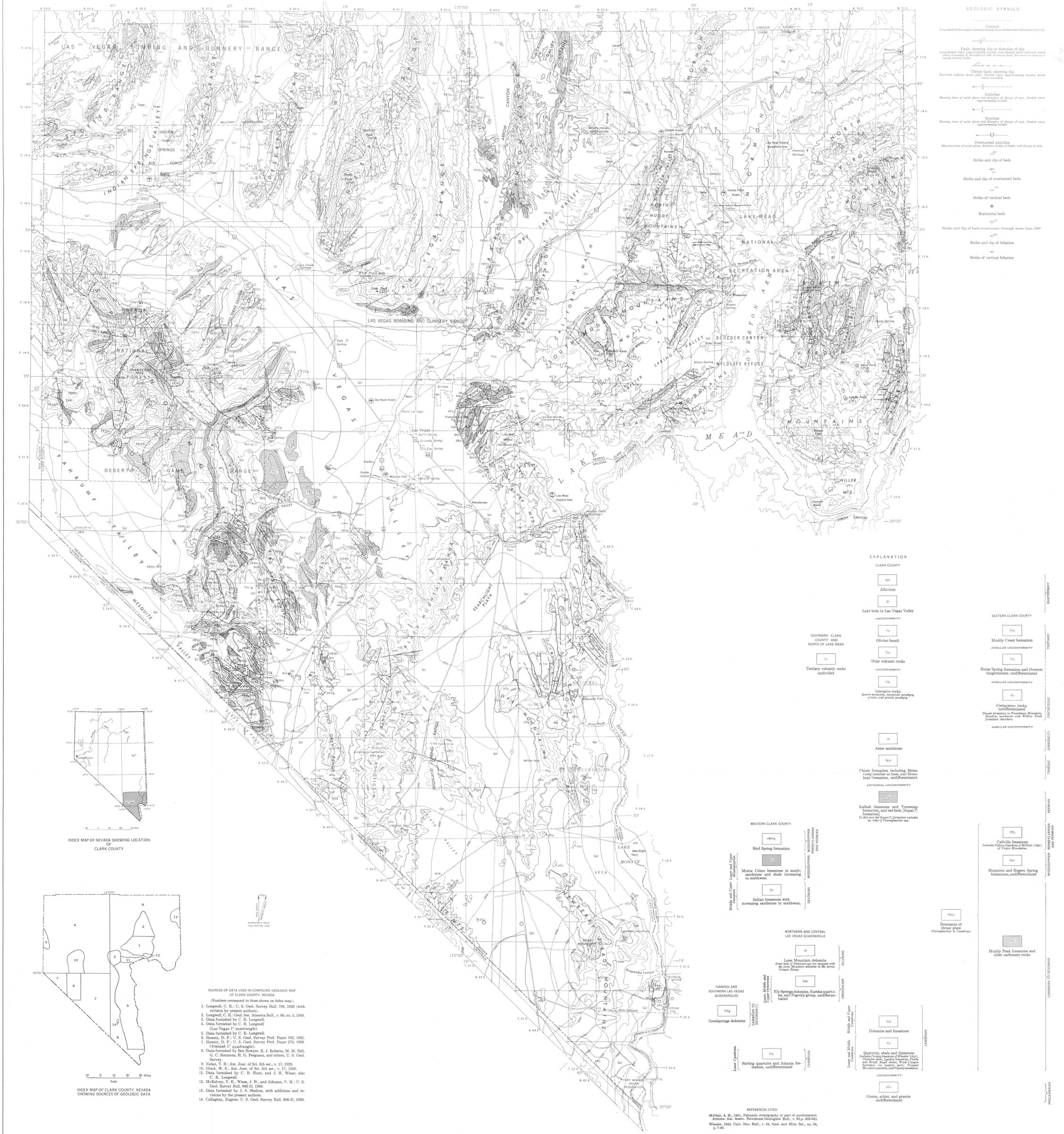
By

Ben Bowyer, E. H. Pampeyan, and C. R. Longwell

MINERAL INVESTIGATIONS
FIELD STUDIES MAP MF 138



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GEOLOGIC SYMBOLS

- Contact
- Fault, showing dip or direction of dip
- Thrust fault, showing dip
- Anticline
- Syncline
- Overturned anticline
- Strike and dip of beds
- Strike and dip of overturned beds
- Strike of vertical beds
- Horizontal beds
- Strike and dip of beds overturned through more than 180°
- Strike and dip of foliation
- Strike of vertical foliation

EXPLANATION

- CLARK COUNTY
 - Q1 Alluvium
 - Q2 Lake beds in Las Vegas Valley
- SOUTHERN CLARK COUNTY AND NORTH OF LAKE MEAD
 - Tv Tertiary volcanic rocks undivided
 - Ti Intrusive rocks
- WESTERN CLARK COUNTY
 - PPHs Bird Spring formation
 - Ds Monte Cristo limestone in south; sandstone and shale increasing to southwest
 - Ds Sultan limestone with increasing sandstone to southwest
- NORTHERN AND CENTRAL LAS VEGAS QUADRANGLE
 - Si Lone Mountain dolomite
 - Dop Ely Springs dolomite, Parake quartzites and Puyup group, undifferentiated
 - DG Goshute dolomite
 - Ca Stirling quartzite and Johnnie formation, undifferentiated
- IVANPAH AND SOUTHERN LAS VEGAS QUADRANGLES
 - Ca Dolomite and limestone
 - Ca Quartzite, shale and limestone
 - Ca Gneiss, schist, and granite undifferentiated
- EASTERN CLARK COUNTY
 - Tm Muddy Creek formation
 - Ts Horse Spring formation and Overton fanglomerate, undifferentiated
 - Ru Cretaceous rocks, undifferentiated
 - JA Aztec sandstone
 - Kn Kaibab limestone and Torowop formation, and red beds (Supai?) formation
 - PPHs Callville limestone
 - Ho Bluepoint and Rogers Spring limestones, undifferentiated
 - Pa Remnants of thrust plate
 - Pa Muddy Peak limestone and older carbonate rocks

- SOURCES OF DATA USED IN COMPILING GEOLOGIC MAP OF CLARK COUNTY, NEVADA (Numbers correspond to those shown on index map.)
1. Longwell, C. R.: U. S. Geol. Survey Bull. 798, 1928 (with revision by present authors).
 2. Longwell, C. R.: Geol. Soc. America Bull., v. 60, no. 5, 1949.
 3. Data furnished by C. R. Longwell.
 4. Data furnished by C. R. Longwell (Las Vegas 1° quadrangle).
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 6. Hewett, D. F.: U. S. Geol. Survey Prof. Paper 162, 1911.
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 8. Data furnished by Ben Bowyer, R. J. Roberts, M. M. Bell, G. C. Simmons, H. C. Ferguson, and others, U. S. Geol. Survey.
 9. Nolan, T. B.: Am. Jour. of Sci. 5th ser., v. 17, 1929.
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