



EXPLANATION

SURFICIAL DEPOSITS

- Chiefly colluvial deposits and residual soils
- Chiefly boulder fields; in part, rock slides
- Alluvium
- Gravel deposits

IGNEOUS ROCKS

- Diorite porphyry
- Shattered sedimentary rocks irregularly intruded by igneous materials

SEDIMENTARY ROCKS

- Emery sandstone member
- Blue Gate shale member
- Ferron sandstone member
- Tununk shale member
- Dakota sandstone

UNCONFORMITY

- Morrison formation
- Summerville formation
- Entrada sandstone
- Carmel formation
- Navajo sandstone
- Kayenta formation
- Wingate sandstone
- Chinle formation
- Shinarump conglomerate

CONTACTS AND STRUCTURES

- Contact, showing dip
- Dashed where approximately located
- Vertical contact
- Surficial deposit contact
- Axis of syncline
- Strike and dip of beds
- Strike of vertical beds
- Approximate direction of dip
- Mine

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.
Geology and topography by Chas. B. Hunt, assisted by E. Bowles. Surveyed in 1937-38

GEOLOGIC MAP OF MOUNT HILLERS, HENRY MOUNTAINS, UTAH

