



**EXPLANATION**

**Quaternary**

- Qal Hill wash and alluvium

**Tertiary**

- Tb Olivine basalt flow

**Palaeozoic**

**Permian**

- Cbs Bird Spring formation  
Alternating limestones, dolomites, and sandy shales

**Mississippian**

- Cmb Bullion member  
Light-gray, crystalline, pure, buff-weathering dolomite, includes beds equivalent to the *Arcosolus* limestone and Yellowpine limestone members of the Goodsprings quadrangle
- Cmb Anchor member  
Thin-bedded dolomite; many nodules and bands of chert
- Cmb Dawn member  
Dull-gray, crystalline, massive, and buff-tan-weathering dolomite

**Devonian**

- Dsc Crystal Pass limestone member  
Pale-gray, dense, microcrystalline, and medium-bedded limestones; dolomitized areas, *cf.* may include some beds of Mississippian age
- Dsc Valentine dolomite member  
Rusty-tan-weathering, thick-bedded and thin-bedded dolomite

**Other Features**

- Brecchia zone
- Siliceous beds
- Undolomitized limestone  
Not confined to one formation

**Structural Features**

- Contact  
Dashed where approximately located  
Inferred contact
- Fault, showing dip  
Dashed where approximately located  
u, upthrown side; d, downthrown side
- Probable fault  
Dotted where concealed
- Thrust or reverse fault  
T, upper plate
- Axis of syncline
- Strike and dip of beds
- Dump
- Quarry number
- Power-transmission line
- Tunnel opening

T. 23 S.

T. 23 S.

S L O A N 1

S L O A N 2

S L O A N 3

S L O A N 4

SLOAN STATION

LIME PLANT

S L O A N 2

Topography by Charles F. Deiss, assisted by R. F. Black and G. E. Erickson, April 4-May 25, 1943; February 7-April 22, 1944

Geology by Charles F. Deiss, assisted by R. F. Black and G. E. Erickson, April 4-May 25, 1943; February 7-April 22, 1944

**GEOLOGIC MAP OF THE DOLOMITE DEPOSIT NEAR SLOAN, NEVADA**

500 0 2000 Feet  
Contour interval 20 feet  
Datum is mean sea level

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.