

3430 0020

(243) Item 20

PROPERTY NAME: Twinridge Pluton

County: Nye

OTHER NAMES: None

Mining District: Oak Spring

MINERAL COMMODITY(IES): None

AMS Sheet: Caliente

TYPE OF DEPOSIT: Skarn (contact deposit)?

Quad Sheet: Jangle Ridge 7 1/2'

ACCESSIBILITY: Via a road south from Groom Road,

Sec. Unsurv., T \_\_\_\_\_, R \_\_\_\_\_

OWNERSHIP: None

Coordinate (UTM):

PRODUCTION: None

North 4 1 1 5 2 5 0 m

HISTORY: Mapped and reported on by Florian Maldonado

East 0 5 9 2 0 0 0 m

Zone +11

DEVELOPMENT: None

ACTIVITY AT TIME OF EXAMINATION: None

GEOLOGY: The pluton is a quartz monzonite that crops out on the eastern side of Twinridge Hill about 3.5 miles SE of Climax Stock. It has been suggested by Mr. Maldonado that the pluton may be genitically related to and possibly coalesce with the Climax Stock. The pluton intrudes quartzite and siltstone of the Johnnie Formation of Precambrian Age. A zone of contact metamorphism exist along the margin of pluton where it is in close proximity with the sediments of the Rainstorm member and Johnnie Formation.

A traverse was made of the exposed monzonite and metamorphosed sediments and samples were taken of the altered quartz monzonite. Sample #1820 had some propylitic alteration and possible sulfides. Sample #1821 was from an outcrop of breccia cemented by silica taken near the base of Twinridge Hill near a fault zone. Another sample was collected of very hard dike material or a possible contact phase of the pluton. Sample #1853.

No visable mineralization was found along, above, or below the contact zone or within the altered or unaltered monzonite.

REMARKS:

REFERENCES: Geology of the Twinridge Pluton Area. Open-file report 81-156  
Florian Malconado 1981.

EXAMINER: Quade/Tingley/Bentz/Smith

DATE VISITED: 11-6-82



PROPERTY NAME: Twinridge Pluton

OTHER NAMES: None

MINERAL COMMODITY(IES): None

TYPE OF DEPOSIT: Skarn (contact deposit)?

ACCESSIBILITY: Via a road south from Groom Road,

OWNERSHIP: None

PRODUCTION: None

HISTORY: Mapped and reported on by Florian Maldonado

DEVELOPMENT: None

GEOLOGY: The pluton is a quartz monzonite that crops out on the eastern side of Twinridge Hill about 3.5 miles SE of Climax Stock. It has been suggested by Mr. Maldonado that the pluton may be genetically related to and possibly coalesce with the Climax Stock. The pluton intrudes quartzite and siltstone of the Johnnie Formation of Precambrian Age. A zone of contact metamorphism exist along the margin of pluton where it is in close proximity with the sediments of the Rainstorm member and Johnnie Formation.

No visible mineralization was found along, above, or below the contact zone or within the altered or unaltered monzonite.

Geology of the Twinridge Pluton Area. Open-file report 81-156

REFERENCES: Florian Malconado 1981.

DATE VISITED: 11-6-82