

0160 0012

Lincoln Co. - general
Item 37⁹³

C-M ALUNITE—ALUMINUM

Alternate names: Clover Mountains

Commodities: Al, K₂SO₄, S

LOCATION-OWNERSHIP

County Lincoln.
Mining district Unorganized.
Elevation 1,610 m.
Topography Rolling.
Domain BLM administered.

General location About 43 km southeast of Caliente.
Meridian Mount Diablo.
Tract Sec. 10, T 7 S, R 70 E (unsurveyed).
Latitude 37°21'19" N.
Longitude 114°10'05" W.

Owner Earth Sciences, Inc., Golden, CO (1984).

GEOLOGY

Type of ore body Replacement.
Origin Hydrothermal.
Shape of ore body Undetermined.
Ore controls Igneous, lithology.
Mineralized zone average dimensions, m:
Length 3,000.
Width 3,000.
Thickness 16.
Depth 6.
Mineral names Alunite.

Host formation Volcanics.
Geologic age Tertiary.
Rock relationships Agglomerate, replaced by ore.
Tuff, replaced by ore.
Size Medium.

DEVELOPMENT

Current status Inactive-raw prospect.
Type of operation Possible surface.
Year of discovery 1971.
Discovery method Ore mineral in place.
Initial production No production.

Distance to water supply ... <10 km.
Road requirement <10 km.
Distance to power supply ... <50 km.
Mill location No mill.

PUBLISHED RESERVES-RESOURCES

No published reserve-resource information.

REFERENCES

239, 549, 724, 753.

USGS quad maps Caliente, 1:250,000.
Jack Mountain, 7.5'.
USBM sequence number 0320170001.

Information Circular 9035

Principal Deposits of Strategic and Critical Minerals in Nevada

By N. T. Lowe, Russell G. Raney, and John R. Norberg



UNITED STATES DEPARTMENT OF THE INTERIOR
Donald Paul Hodel, Secretary

BUREAU OF MINES
Robert C. Horton, Director