Check lists of minerals for mining districts and other localities near Albuquerque

Stuart A. Northrop

in:

This is one of many related papers that were included in the 1961 NMGS Fall Field Conference Guidebook.

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Check Lists of Minerals for Mining Districts and Other Localities Near Albuquerque

STUART A. NORTHROP
University of New Mexico

Most of these records of occurrence are taken from the writer's (1959) "Minerals of New Mexico." Mineral occurrences of unusual interest are indicated by an exclamation mark (!); exceptional occurrences are indicated by two such marks (!!).

Bernalillo County
Tijeras Canyon Mining District
This is a large district located in the southern Sandia Mountains, Manzanita Mountains, and northern Manzano Mountains. Subdistricts and synonyms include Carnuel, Coyote, Coyote Basin, Coyote Canyon, Coyote Springs, Hell Canyon, Soda Springs, Sandia (in part), Star, and Star Canyon.

- Albite
- Anhydrite
- Areneite
- Azurite
- Barite
- Biotite
- Baryte
- Calcite
- Tufa
- Chalcocite
- Chalcopyrite
- Chlorite
- Copper
- Cuprite
- Desulfuritic, var.
- Cupradoresedimentite
- Epidote
- Feldspar
- Fluorite
- Gatena
- Garnet
- Gold
- Placer gold
- Graphite
- Gypsum
- Hematite
- Hornblende
- Ilmenite
- "Limonite"
- Other
- Magnesite
- Malachite
- Micaclayite
- Molybdenite
- Mottamahite (?)
- Muscovite
- Sericite
- Nickel minerals
- Orthoclase
- Plagioclase
- Labradorite
- Pyrite
- Pyromorphite
- Pyroxene
- Quartzes
- Chalcedony
- Flint and chert
- Jasper
- Siderite
- Siliimanite
- Silver (?)
- Silver minerals
- Sphalerite
- Sphene
- Streetmanite
- Tin minerals
- Tourmaline
- Uranium minerals
- Witherite (?)
- Zircon

In addition to the minerals listed above, recent petrographic work on the Precambrian rocks of the Tijeras Canyon area (Bruns, 1959; Lodewick, 1960; accompanying Guidebook paper by J. P. Fitzsimmons) has yielded the following minerals:

- Actinolite
- Amphibole
- Apatite
- Augite
- Diopside
- Kaolinite
- Kyanite
- Penninite
- Plagioclase
- Aelite
- Andernite
- Oligoclase
- Rutile
- Tremolite
- Zeolite, var.
- Saussurite
- "Euhedral"
- "Limonite"

Juan Tabo Area
In northern Sandia Mountains, northeast of Alameda; has been included in the Placitas district (of Sandoval County).

- Anthophyllite
- Biotite
- Chalcopyrite
- Chlorite
- Chrysocolla
- "Kainite"
- "Siderite"
- "Euhedral"
- "Euhedral"

Cerro Colorado
This is a small volcano west of Albuquerque near U. S. Highway 66 bridges across the Rio Puerco.

- Barite
- Biotite
- Carnotite (?)
- Chlorite
- Cristobalite
- Hematite
- Hornblende
- Magnesite
- Muscovite
- "Siderite"
- Orthoclase
- Plagioclase
- Labradorite
- Pyroxene
- Quartz
- Agate
- Chaledony
- Uranium minerals

Modern Sands of the Rio Grande Valley
The following minerals occur in modern river sands of the Rio Grande valley in Bernalillo, Sandoval, Socorro, and Valencia Counties.

- Anhydrite
- Areneite
- Barite
- Biotite
- Calcite
- Diopside
- Enstatite
- Epidote
- Feldspar
- Garnet
- Hornblende
- Hypersthene
- Imitate
- Kyanite
- "Leucoxene"

Miscellaneous Localities

- Barite
- Caolite
- Celestite
- Chalcopyrite
- Chloride
- Clinopside
- Clinohumite
- Cummingtonite (?)
- Epidote
- Fluorite
- Garnet
- Gold
- Gypsum
- Hematite
- Hornblende
- Koalinite
- "Lepidomelane"
- "Leucoxene"
- "Limonite"
- "Other"
- Magnesite
- Muscovite
- Sericite
- Olivine
- Opal, var.
- Wood-ear
- Orthoclase
- Microperthite
- Penninite
- Plagioclase
- Labradorite
- Quartz
- Aquased wood
- Flint and chert
- Jasper
- Resin
- Bioccolite
- Rutile
- Serpentine, var.
- Antigorite
- Silver minerals
- Sphene
- Tellurium (?)
- Tourmaline
- Zircon
- Zoisite

For Placitas mining district, see under Sandoval County.
LOS ALAMOS COUNTY

Orthoclase
Sanidinel
Plagioclase
Quartz
Saponite
Tridymite

McKINLEY COUNTY

For uranium minerals of the Grants district of McKinley and Valencia Counties, see paper by A. Rosenzweig, this Guidebook.

SANDOVAL COUNTY

Cochiti Mining District

Also known as Albemarle, Bland, and Peralta Canyon.

Argentite
Arsenopyrite
Augite
Biotite
Bromellite
Carnellite
Chalcopyrite
Chlorite
Cuprite
Dickite
Dufrenite
Eurolase
Galena
Gold
Hematite
Sphalerite
Zinc

Jemez Springs Mining District

Includes the Spanish Queen mine and Soda Dam.

Azurite
Barite
Calcite
Carnellite
Chalcocite
Copper
Covellite
Dufrenite
Gold
Gypsum, var.
Selenite

Jemez Sulfur Mining District

Also known as Otero Sulfur Springs, San Diego Sulfur, Sulfur Springs, Sulphur Springs; includes a small area near Battleship Rock.

Carnellite
Chalcopyrite
Chlorite
Copper
Covellite
Dufrenite
Gold
CHEMICAL MinUS.
Selenite

Nacimiento Mountains Mining District

Subdistricts and synonyms include Copper City, Cuba, Nacimiento, San Miguel, Sanorito, Sierra Nacimiento.

Azurite
Barite
Carnellite
Chalcolite
Chromitite
Copper
Covellite
Cuvite
Dufrenite
Gypsum
Selenite
Zinc

Placitas Mining District

Subdistricts and synonyms include Algodones, Bernallillo, Capulin Peak, La Madera, Las Placitas, Montezuma, and Sandia (in part).

Anglesite
Azurite
Barite
Calcite
Carnellite
Chalcopyrite
Fluorite
Galena
Gold
Placer gold
Gypsum
Selenite

Cabezon Area

Plagioclase
Labradorite
Quartz
Serpentine
Antigorite
Spinel

Miscellaneous Localities

Especially in the Jemez Plateau or the San Juan Basin.

Alunogen
Analcime
Apatite
Aragonite
Anhydrite
Augite
Biotite
Bournonite
Brornyrite
Calcite
Galena
Gold
Gypsum
Hematite
Selenite

SANTA FE COUNTY

Cerrillos Mining District

Subdistricts and synonyms include Bonanza City, Carbonateville, Galisteo, Galisteo Creek, Hungry Gulch, Los Cerrillos, Mount Chalchihuitl, Turquesa, Turquios, and Turquoise (City, Hill).

Allanite
Analcime
Apatite
Argentite
Azurite
Barite
Biotite
Bournonite
Bromellite
Calcite
Chalcopyrite
Carnellite
Chalcosite
Chalcopyrite
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**La Bajada Mining District**

In addition to the minerals listed above, Disbrow and Stoll (1957) recorded the following:

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</table>

**New Placers Mining District**

This district, located in the San Pedro Mountains, has a large number of subdistricts and synonyms, such as Cerrillos, Golden, Lazarus Gulch, Placer del Tuerto, Real de San Francisco, San Isidro, San Lazaro, San Pedro, San Ysidro Mountains, San Zaro, Silver Butte, Tuerto Mountain, and Tuertos Range.

<table>
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<tr>
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<th>Symbol</th>
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<td>Turquinolite</td>
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**Old Placers Mining District**

This district, located in the Ortiz Mountains, has been known as Dolores, El Real de Dolores, Lone Mountain, Oriz, Ortiz Mountain, Rio Galisteo (in part), Sierra del Oro, Sierra Obscura, and The Placer.

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**New Placers Mining District**

In addition to the minerals listed above, recent petrographic work on the rocks of the Ortiz Mountains (McRae, 1958, Peterson, 1958) has yielded the following:

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</tbody>
</table>

**VALENCIA COUNTY**

For uranium minerals of the Grants and Laguna mining districts, see paper by A. Rosenzweig, this Guidebook.

**REFERENCES**


McRae, O. M., 1958, Geology of the northern part of the Ortiz Mountains, Santa Fe County, New Mexico: Univ. New Mexico unpub. master's thesis, 115 p.
