Bibliography of Geologic Literature Of Nevada

By VINCENT P. CHANIELLA
Department of Geology, Mackay School of Mines
University of Nevada

and

Bibliography of Geologic Maps of Nevada Areas

By ROBERT W. PRINCE
Mining Engineer, Nevada State Bureau of Mines

Publication of the Nevada State Bureau of Mines
and the Mackay School of Mines
JAY A. CARPENTER, Director
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PRICE ONE DOLLAR

PUBLICATION OF THE NEVADA STATE BUREAU OF MINES
AND THE MACKAY SCHOOL OF MINES
JAY A. CARPENTER, Director
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Districts—Ailda Valley, Alpine, Alum, Argentite, Blair, Bonnie Clare, Castle Rock, Conidale, Columbus Marsh, Crow Springs,
### Bibliography of Geologic Literature of Nevada

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<tr>
<td>Acme, Aurora, Basalt, Bell, Belleville, Black Mountain, Bovard, Broken Hills, Buckley, Buena Vista, Cambridge, Candelaria, Cat Creek, Cedar Mountain, Columbus, Copper Mountain, Double Springs Marsh, Eagleville, East Walker, Esmeralda, Fitting, Garfield, Gold Range, Granite, Hawthorne, Hot Springs, Kincaid, Lucky Boy, Luning, Marlette, Mina, Mount Grant, Mount Montgomery, Mountain View, Omeo, Oneota, Pamilco, Pilot Mountains, Queens, Rand, Rawhide, Regent, Reservation, Rhodes Marsh, Santa Fe, Silver Dyke, Silver Star, Simon, Sodaville, Sulphide, Teels Marsh, Telephone Canyon, Virginie Marsh, Walker Lake, and Whisky Flat</td>
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<td>Aldrich, American, American Canyon, Antelope, Antelope Springs, Arabia, Black Knob, Bloody Canyon, Buena Vista, Cedar, Central, Chafey, Copper Valley, Dun Glen, Echo, Eldorado, Farrell, Fitting, Goldbanks, Haystack, Hooker, Humboldt, Imlay, Indian, Iron Hat, Jersey, Juniper Range, Kennedy, Loring, Lovelock, Majuba Hill, Mill City, Mineral Basin, Muttonbeare, Nightingale, Orenna, Oro Fino, Placerites, Prince Royal, Pleasant Valley, Rabbit Hole, Ragged Top, Relief, Rochester, Rosebud, Rye Patch, Sacramento, San Jacinto, Sanita Clara, Sawtooth, Seccoss, Seven Troughs, Sierra, South American Canyon, Spring Valley, Star, Stonehouse, Sunshine, Table Mountain, Trinity, Unionville, Velvet, Washiki, Wild Horse, and Willard</td>
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<td>Castle Peak, Chalk Hills, Comestock Canyon, Flowery, Gold Hill, Parker &amp; Nye, Red Mountain, Silver Star, Virginia City, and Washoe</td>
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**Bibliography of Geologic Literature of Nevada**

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<td>Alpha, Amarilla, Antelope, Barth, Beowawe, Buckhorn, Cortez, Diamond, Diamond Marsh, Eureka, Fish Creek, Lone Mountain, Lynn, Maggie Creek, Mill Canyon, Mineral Hill, Mount Hope, Mount Tenabo, Pulaski, Pine Valley, Pinto, Prospect, Roberts, Ruby Hill, Safford, Schroeder, Secret Canyon, Susie Creek, Union, and Williams Salt Marsh</td>
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<tr>
<td>Adelanto, Amos, Ashdown, Awakening, Barret Springs, Battle Mountain, Bottle Creek, Central, Columbia, Disaster, Donnelly, Dutch Flat, Gatchet, Golconda, Gold Run, Harmony, Iron Point, Jackson Creek, Kelly Creek, King's River, Leonard Creek, McDermitt, Mount Rose, National, New Central, New Goldfields, Opalite, Paradise Valley, Potosi, Poverty Creek, Pueblo, Pueblo, Rebel Creek, Red Butte, Sawtelle, Sherman, Shon, Slumbering Hills, Soldier Meadows, Sonoma Mountain, Spring City, Sulphur, Ten Mile, Varyville, Vicksburg, Virgin Valley, Warm Springs, Willow Creek, Willow Point, and Winnebago</td>
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<td>Amador, Argenta, Austin, Bannock, Bateman Canyon, Battle Mountain, Big Creek, Big Smoky, Birch Creek, Bobtown, Buffalo Valley, Buillion, Bulloon Hill, Burner Hill, Campbell, Copper Basin, Copper Canyon, Cortez, Cottonwood Creek, Dean, Geona, Gold Basin, Hilltop, Horse Canyon, Iowa Canyon, Isomdood, Kinney, Kingston, Landers, Lewis, Mayesville, McCoy, Mill Canyon, Mount Tenabo, Mud Springs, New Pass, Pittsburg, Ravenswood, Reese River, Rock Creek, Rocky Canyon, Santa Fe, Shoshone, Skokum, Slavin Canyon, Smokey Valley, Steiner Canyon, Summit, Tenabo, Valley View, Victorine, Washington, Wild Horse, and Yankie Lake</td>
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<td>Atlanta, Boyd, Bristol, Caliente, Cave Valley, Chief, Comet, Delamar, Eagle Valley, Ely, Fairview, Fay, Ferguson, Frederick, Geyser, Groom, Highland, Hiko, Jackrabbit, Lone Mountain, Panamun, Panaca, Patterson, Ploche, Silverhorn, Silver Park, Silver Springs, Stateline, Temple, Trego, Viola, and Worthington</td>
<td>92</td>
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</table>
In 1923 after several years of labor Francis Church Lincoln, then Director of the Mackay School of Mines, issued his book “Mining Districts and Mineral Resources of Nevada” through a private publishing company. The object of the book was to serve as a guide and a reference to the mining districts of the State giving under each its location, history, geology, mines, and bibliography, along with a list of occurrences of specified minerals by districts.

This first complete compilation of information on the State’s mineral resources was a painstaking and masterful piece of work. Soon after the organization of the Nevada State Bureau of Mines in 1929 the entire issue of unsold copies of the book was purchased, and to all purposes the book became an outstanding bulletin of the Bureau of Mines and the Mackay School of Mines. Naturally, since much of the book was a compilation of material gathered from many local people and publications, errors were incorporated in the text, with the most prevalent being the gross production figures credited to districts or mines. However, for over 20 years the book has been the mining engineers’ and geologists’ guidebook of Nevada, and has been highly praised for its most convenient arrangement of data by mining districts.

With the passing of years the Bureau of Mines in 1932 issued the bulletin “Metal and Nonmetal Occurrences in Nevada,” mainly to bring the bibliography up to date and to include new districts. This bulletin was mainly the work of Carl Stoddard, mining engineer for the Bureau. Unfortunately, the demand for the bulletin was underestimated and the issue was exhausted more than two years ago.

In 1943 an accurate record of production by districts and mines was published as the bulletin, “Nevada’s Metal and Mineral Production (1859–1940, Inclusive).” This was made possible by a prolonged study and compilation of “bullion tax” reports stored away in county courthouses over the years. This was mainly the work of Bertrand F. Couch, Secretary of the Bureau. With the issue of this bulletin it was recognized there was a need of a new geologic bibliography, along with a bulletin to bring the data of Lincoln’s on the history of the districts and the mines up to date. It was apparent, however, that this latter compilation would best await the release to our Bureau of the data secured by Government bureaus in their intensive work over the war period. Since such a work would be very voluminous and extend over a long period of time it is our present idea to issue separate bulletins by counties following the pattern of the very useful U. S. Bureau of Mines Information Circulars on Nevada Counties written by Wm. O. Vanderburg. These were issued from 1936–1940 and covered seven counties in all, being, respectively, Churchill, Clark, Eureka, Humboldt, Lander, Mineral, and Pershing.

Early in 1944 with only the geological bibliography of Lincoln’s of 1923 available for distribution, work was started on a new inclusive
BIBLIOGRAPHY OF GEOLOGIC LITERATURE OF NEVADA

By

VINCENT P. GIANELLA

Department of Geology, Mackay School of Mines
University of Nevada

FOREWORD

The last bibliography of the geology of Nevada mining districts is that of Stoddard. At the request of Director Jay A. Carpenter a more complete bibliography has been compiled up to 1942 and published in this bulletin. No claim is made to completeness, as only those articles which are thought to have a direct interest to the mining fraternity have been selected, leaving out those that have but technical or scientific interest.

The titles have been arranged according to mining districts and the districts grouped according to counties. This arrangement was used by Lincoln, and continued by Stoddard, as it has met with approval by those interested in Nevada mining. Where districts lie across county lines, or their location is doubtful, an attempt has been made to list in one county and refer to them through cross-indexing.

Most of the districts of Nevada, as used in this bulletin, are not districts in the original sense of the term. In the early days of mining in the West, districts were organized and sanctioned by law, largely to have the benefit of a District Recorder for the recording of mining claims. However, with the changed conditions in later years this practice has been discontinued and the designation “District” has lost most of its original significance. At present, so far as the writer is aware, there is but one district in the State having a local recorder’s office. Normally all recording is done at the county seats. Most districts do not have definite boundaries. In many cases a given area is known by several different names. In this publication the most widely accepted designation is used for a given district, followed, in parentheses, by the other names by which it is known.

Names of places, and topographic features, are taken from the General Land Office map of Nevada published in 1941.

The writer wishes to acknowledge the assistance of Mr. Fred Humphrey and Mr. Robert Prince who assisted in the compilation. Mr. Prince was also responsible for a thorough revision of the original draft. Miss Betty Flyge, Acting Secretary of the Bureau, aided in proof reading the manuscript. Thanks are also due to many others who aided in this work.

V. P. G.

1Stoddard, Carl, Metal and Nonmetal Occurrences in Nevada, 1932.
2Lincoln, Francis Church, Mining Districts and Mineral Resources of Nevada, 1923.
LIST OF MINING DISTRICTS BY COUNTIES

CHURCHILL COUNTY

ALPINE. Ag, Au, Mo. (Clan Alpine)

On the east slope of the Clan Alpine Range, 14 miles north of Eastgate, U S 50. Tertiary volcanics.

Veins, shear zones.


ASPER. Au. (Nigger Wells)

In the extreme southeastern part of Churchill County, eight miles east of Broken Hills. Tertiary volcanics.


BELL MOUNTAIN (See FAIRVIEW)

BERNICE. Au, Ag, Sb.


DOLIVIA (See TABLE MOUNTAIN)
BOYER (See TABLE MOUNTAIN)
BROWNS (See TOY)

BUENA VISTA. Fe. (See MINERAL BASIN, PERSHING COUNTY)
On northern boundary of Churchill County, 25 miles southeast of Lovelock, S. P. R. R.

CHALK MOUNTAIN. Pb, Ag, Vanadium. (King)
On Chalk Mountain, 11 miles northeast of Frenchman, U S 50. Triassic (?) Limestone; granodiorite. Veins, replacements.
Gianella, V. P., Nevada's common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (36): 60 (erythrite, vanadinite), 79 (stibiconite), 1941.

CLAN ALPINE (See ALPINE)
COPPER KETTLE. Cu.
In Grimes Canyon on the west slope of the Stillwater Range. Diorite, overlain by altered porphyry.
Veins.

COPPERFIELD (See WHITE CLOUD)
COTTONWOOD CANYON (See TABLE MOUNTAIN)

DESSERT. Au. (White Plains)
On the northeast end of the Hot Springs Mountains, eight miles southwest of Huxley Station, S. P. R. R.
Diorite.
Quartz veins.


DIXIE MARSH. Borax, Salines.
In Dixie Valley, 40 miles north of Frenchman's Station on U S 50.

EAGLE SALT MARSH (See LEETE)

EASTGATE. Au, Ag, Pb.
Veins.

FAIRVIEW. Ag, Au, Pb, Cu. (Bell Mountain, South Fairview)
In the vicinity of Fairview Peak, 42 miles east-southeast of Fallon, S. P. R. R., south of U S 50.
Mesozoic sediments overlain by Tertiary volcanics.
Veins.
Bibliography of Geologic Literature of Nevada

Gianella, V. P., Nevada’s common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. surv. (39): 46 (argentite), 48 (tetrahedrite), 56 (native silver, cerargyrite), 72 (rhodochrosite), 1941.


**FALLON (See HOLY CROSS)**

**TERNLEY (See LEETE)**

**FIREBALL. Au.**

On the east slope of the Truckee Range, 10 miles northwest of Springers Hot Springs, U 8 40.

Limestone and Tertiary volcanics.

Veins.


**GOLD BASIN. Au, Ag.**

Located on east base of Fairview Peak forty-five miles southeast of Fallon, S. P. R. R.

Tertiary volcanics.

Veins.


**HERCULES (See WONDER)**

**HOLY CROSS. Mn, Ag, Au, Cu, Pb, Diatomite.**

(Fallon, Terrrel)

On the east slope of the south end of the Desert Range, 15 miles north-northeast of Schurz, S. P. R. R.

Tertiary volcanics.

Veins, replacement deposits.

**HOT SPRINGS MARSH (See LEETE)**

**I. X. L. Ag, Au, Pb, Cu.**

(Silver Hill)

In the Stillwater Range, 28 miles northeast of Fallon and 32 miles north of Fallon, S. P. R. R.

Granite and slate.

Veins.


**JESSUP. Au, Ag, Diatomite.**

On the east slope of the south end of the Trinity Range, 30 miles southwest of Lovelock, S. P. R. R.

Tertiary volcanics.

Veins.


**KING (See CHALK MOUNTAIN)**
LAKE. Ph, Ag, Sb, Nitrates.
On the north flank of the south end of the Humboldt Range, 27 miles south of Lovelock, extending into Pershing County.
Jurassic shales.
Lodes.

LA PLATA (See MOUNTAIN WELL)
LITE. Au, Ag, Pb, Borax, Salines.
(Fernley, Eagle, Salt Marsh, Hot Springs Marsh)
In northwest Churchill County 15 miles northeast of Fernley, S. P. R. R. Tertiary sediments and lacustrine sediments.
Veins and desiccated lake deposits.
Gianella, V. P., Nevada’s common minerals: Univ. Nev. Bull. 35 (8), Geol. and Min. ser. (36): 36 (halite), 1941.
Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1871 and 1872: 6, 15 (borax), 18-19 (salt), Carson City: 1873.

MOUNTAIN WELLS. Ag. (La Plata)
On the east slope of the Stillwater Range, 12 miles north of Frenchman and 30 miles east of Fallon, S. P. R. R.

Bibliography of Geologic Literature of Nevada


NIGGIE WELLS (See ASPEN)

PARRAN (See WHITE PLAINS FLAT)

SALT WELLS MARSH (See SAND SPRINGS)

SAND SPRINGS. Au, Ag, Borax, Salines.
(Salt Wells Marsh)
Including Sand Springs Marsh and a portion of Sand Springs Range, 25 miles east of Fallon on U S 50.
Mesozoic sediments, Tertiary volcanics and lake beds. Veins and lacustrine deposits.
Dobson, P. G., Bralorne’s Nevada enterprise: The Miner (Vancouver, B. C.), 13 (8): 31-33, 1940.
Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1871 and 1872: 15-17 (borax), 19 (salt), Carson City: 1873.
Bibliography of Geologic Literature of Nevada

Biennial report of the state mineralogist of the State of Nevada for the years 1873 and 1874: 17 (borax), Carson City: 1875.

SHADY RUN. Au, Ag, Pb.
On the east slope of the Stillwater Range, 40 miles northeast of Fallon, S. P. R. R.
Quartzite intruded by quartz porphyry.
Veins.

SILVER HILL. (See I. X. L.)

SODA LAKES. Soda, Borax.
Six miles northwest of Fallon, and about one mile north of U S 50.
Whitehill, H. R., Biennial report of the state mineralogist of Nevada for the years 1871 and 1872: 18, Carson City: 1873.
Biennial report of the state mineralogist of the State of Nevada for the years 1873 and 1874: 15–17, Carson City: 1875.

Bibliography of Geologic Literature of Nevada

Biennial report of the state mineralogist of the State of Nevada for the years 1875 and 1876: 6–7, Carson City: 1877.

SOUTH FAIRVIEW (See FAIRVIEW)

TABLE MOUNTAIN. Ni, Co, Cu, Au, Pb, Ag, Sh, Kaolin, Gypsum.
(Boyer, Cottonwood Canyon, Bolivia)
Sixty miles southeast of Lovelock, S. P. R. R., at north end of Dixie Valley and about fifty-five miles north of U S 50. Extends into Pershing County.
Triassic sediments cut by diorite capped by Tertiary volcanics.
Veins.
Ginnella, V. P., Nevada’s common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (36): 44 (tourmaline), 60 (erythrite), 84 (kaolinite), 1941.
Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1871 and 1872: 54, Carson City: 1873.
Biennial report of the state mineralogist of the State of Nevada for the years 1877 and 1878: 65–6, San Francisco: 1879.

TERRELL (See HOLY CROSS)
Bibliography of Geologic Literature of Nevada

TOY. Tungsten. (Browns)
On the west slope of the Trinity Range, two miles south of Toy section house on U S 46.
Mesozoic sediments and granite intrusives.
Contact metamorphic deposits.
Gianella, V. P., Nevada's common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (30) : 75 (zolistic), 1941.

WESTGATE. Ag, Pb, Au.
On the east slope of the Clan Alpine at Westgate, U S 50.
Jurassic limestone.
Veins and replacements.

WHITE CLOUD. Cu, Zn, Fe, Ag. (Coppercide)
On west slope of the Stillwater Range, 35 miles southeast of Lovelock, S. P. R. R.
Triassic sediments, granitic intrusions and Tertiary volcanics.
Replacements, contact metamorphic deposits.
CLARK COUNTY

ALUMITE. Au.
(Railroad Pass, Vincent)

On Highway 98, 22 miles from Las Vegas and two miles west of Boulder City.
Veins and stringers.


APEx. Limestone.

Twenty miles northeast of Las Vegas on Highway 91.

ARDEN. Gypsum.

On railroad 12 miles southwest of Las Vegas.
Galane, V. P., Nevada’s common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (36): 68 (anhydrite), 55 (gypsum), 1941.

BARB


BAUBER

Thirty miles south of Bunkerville which is on Highway 91.

BOULDER CITY

Twenty-three miles southeast of Las Vegas.

BUNKERVILLE. Cu, Au, Ag, Ni, Co, Pt, W.
(Copper King, Great Eastern, Key West)

Fifteen miles south of Bunkerville, U. P. R. R. Pre-Cambrian gneiss intruded by basic dikes.
Veins.

CALLVILLE WASH (See LOGAN)

CHARLESTON. Pb, Zn, Ag.

Thirty miles west of Las Vegas, U. P. R. R.

COLORADO (See ELDORADO CANYON)

COPPER KING (See BUNKERVILLE)

CRESCENT. Au, Ag, Pb, Cu, Mo, V.

Six miles east of Nipton, U. P. R. R.
Pre-Cambrian metamorphic rocks cut by granite intrusions and basic dikes.
Veins.
Bibliography of Geologic Literature of Nevada

Glennell, V. P., Nevada's common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (36): 69 (vanadinite), 1941.


DIKE. Pb.

One mile north of Dike siting on the U. P. R. R., 15 miles northeast of Las Vegas.

Paleozoic limestones.

Venas.


ELDORADO CANYON. Au, Ag, Cu, Pb. (Colorado, Nelson)

Twenty-four miles northeast of Searchlight, in Opal Mountains. South of Boulder City, U. P. R. R.

Pre-Cambrian granite and gneiss cut by acidic Intrusives and capped by Tertiary volcanics.

Venas.


Glennell, V. P., Nevada's common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (36): 69 (vanadinite), 1941.


Bibliography of Geologic Literature of Nevada


Report of the mineralogist of the State of Nevada for the years 1869 and 1870: 103, Carson City: 1871.

Whitcliff, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1871 and 1872: 96, Carson City: 1873.

Biennial report of the state mineralogist of the State of Nevada for the years 1875 and 1876: 91, Carson City: 1876.

GASS PEAK. Au, Ag, Cu, Zn.

Eighteen miles north of Las Vegas, U. P. R. R.

Paleozoic limestones.

Venas.

Glennell, V. P., Nevada's common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (36): 74 (hemimorphite), 1941.


Spurr, J. E., Descriptive geology of Nevada south of the fourth parallel and adjacent portions of California: U. S. Geol. Survey Bull. 208: (Las Vegas Range), 1903.

GOLD BUTTE. Au, Ag, Cu, Zn.

Forty miles south of Bunkerville, which is on Highway 91.

Pre-Cambrian complex cut by acidic and basic dikes.

Venas, replacements.

Glennell, V. P., Nevada's common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (36): 74 (chalcopyrite), 1941.


Whitcliff, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1871 and 1872: 90–91 (mica), Carson City: 1873.
Eight miles northwest of Jean, U. P. R. R.
Paleozoic sediments cut by dikes.

Gianella, V. F., Nevada’s common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (36): 54 (aurichalcite), 61 (pyromorphite), 62 (jarosite), 74 (smithsonite, hemimorphite), 79 (cerussite, anglesite), 1941.

Bibliography of Geologic Literature of Nevada

Whitehill, H. W., Biennial report of the state mineralogist of the State of Nevada for the years 1871 and 1872: 95-6, Carson City: 1873.
Biennial report of the state mineralogist of the State of Nevada for the years 1875 and 1876: 92, Carson City: 1877.

GREAT EASTERN (See BUNKERVILLE)
Bibliography of Geologic Literature of Nevada

IVANPAH. Ag.
In southwest Clark County and California.

JEAN

KEY WEST (See BUNKERVILLE)

LAS VEGAS. Mn.
Sixteen miles southeast of Las Vegas, U. P. R. R.
Tertiary volcanics.
Replacements
Gianella, V. P., Nevada’s common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (36): 41 (staurolite), 49 (pseudomelane), 50 (hematite), 85 (kyanite), 85 (gypsum), 1941.

LOGAN. Cu, Ag.
(St. Thomas, Muddy Mountains)
Twenty-six miles southeast of Moapa, Paleozoic and Mesozoic sediments capped by Tertiary volcanics. Veins.

Bibliography of Geologic Literature of Nevada

Gianella, V. P., Nevada’s common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (36): 75 (magnesite), 77 (colemanite), 78 (zeolites), 1941.

LYONS (See SUNSET)

MIGUAL MARSH (See GOODSPEINGS)

MOAPA
In the northeastern part of the county, on U. P. R. R.

MUDDY MOUNTAIN (See LOGAN)

NELSON (See ELDORADO CANYON)
OVERTON


FORTOSI (See GOODSPRINGS)

RAILROAD PASS (See ALUNITE)

ST. THOMAS (See LOGAN)

SEARCHLIGHT. Au, Ag, Cu, Pb.

Fifty miles south of Las Vegas, on Highway 65. Pre-Cambrian complex cut by quartz monzonite and capped by Tertiary volcanics. Veins.


Gianella, V. P., Nevada's common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (36): 58 (cuprite), 70 (wulfenite), 70 (cerussite), 1941.


Stuart, B. E., Nevada's mineral resources: 130-2, Carson City: 1909.


SLOAN. Limestone, Dolomite, Carnotite.


SUNSET. Au.

(Lyons)

Fifteen miles southeast of Jean, U. P. R. R. Granite.

Veins.


SUTOR. Ra.

Two miles west of Sutor, U. P. R. R. Sandstones underlying Permian limestone. Patches of carnitote with manganese oxide on fractures and joints.


VINCENT (See ALUNITE)

VIRGIN PEAK


VIRGIN RIVER. Salt, Gypsum, Magnesite, Potash.

(St. Thomas)


Gianella, V. P., Nevada's common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (36): 84 (halite), 1941.


DOUGLAS COUNTY

BUCKSKIN. Cu, Fe, Au.

(Smith Valley)

Adjoins Yerington district (Lyon County) on the west and Mount Siegel district on the northeast.
Triassic sediments cut by granite.
Contact metamorphic, veins, and placer.


EAGLE (See GARDNERVILLE)

GARDNERVILLE. Au, Cu, Ag, Au.

(Eagle)

Fourteen miles southeast of Minden, V. & T. R. R., on west slope of Pine Nut Range.

diorite. Tertiary volcanics and lake beds.

Veins.


Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1871 and 1872: 18, Carson City: 1873.

GENOA. Cu, Ag, Au.

West of Genoa, on the east slope of the Sierra Nevada.
Triassic sediments intruded by Cretaceous granite.
Veins, replacements, and placers.

Bibliography of Geologic Literature of Nevada


HOLBROOK (See MOUNTAIN HOUSE)

MOUNT SIEGEL. Au.
Twenty miles east of Minden, V. & T. R. R.
Placers.

MOUNTAIN HOUSE. Au, Ag.
(Holbrook, Pine Nut)
In Pine Nut Range southeast of Minden on California border.

PINE NUT (See MOUNTAIN HOUSE)

RED CANYON. Au, Ag, Pb.
(Silver Lake)
Eighteen miles southeast of Minden, V. & T. R. R., on the east slope of Pine Nut Range and west of Smith Valley.
Triassic sediments cut by quartz monzonite.
Veins, contact metamorphic deposits.
Stuart, E. E., Nevada's mineral resources: 111-12, Carson City: 1909.

SILVER GLANCE (See WELLINGTON)

SILVER LAKE (See RED CANYON)

SMITH VALLEY (See BUCKSKIN)

WELLINGTON. Au, Ag, Cu.
(Silver Glance)
Quartz monzonite, probably Cretaceous, and Triassic sediments.
Veins.
ELKO COUNTY

GENERAL


ALDER. An.
(Tennessee Gulch)

Eight miles north of Gold Creek.

ALLEGHENY (See FERGUSON SPRING)

(Bull Run, Columbia)

On the east slope of Bull Run (Centennial) Range, 95 miles north-northwest of Elko, S. P. R. R., W. P. R. R.
Paleozoic sediments cut by granodiorite.
Veins and placer deposits.
Gianella, V. P., Nevada's common minerals. Univ. Nev. Bull. 35 (8), Geol. and Min. ser. (36): 69 (pyromorphite), 1941.
Whitehill, H. R., Bicennial report of the state mineralogist of the State of Nevada for the years 1873 and 1874: 22-3, Carson City: 1873.
Biennial report of the state mineralogist of the State of Nevada for the years 1873 and 1874: 29, Carson City: 1875.
Biennial report of the state mineralogist of the State of Nevada for the years 1875 and 1876: 19-20, Carson City: 1877.

Bibliography of Geologic Literature of Nevada

BUELL (See LUCIN)

BULL RUN (See AURA)

BULLION (See RAILROAD)

BURNER. Ph. Ag.
In the Burner Hills ten miles west of Good Hope.

BUTTE VALLEY (See MUD SPRINGS)

CARLIN. Oil Shale, Diatomite, Coal, Au. Ag.
Station S. P. R. R., W. P. R. R.
Paleozoic sediments cut and capped by Tertiary volcanics.
Veins, replacement deposits.
Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1917 and 1918: 22-30 (coal), Carson City: 1873.

CENTENNIAL (See AURA and EDGEMONT)

(Copper Mountain, Cornwall)

Ninety-five miles north-northeast of Elko, and 50 miles north-northwest of Deeth, S. P. R. R., W. P. R. R.
Paleozoic sediments cut by granite.
Contact metamorphic deposits and placers.
Gianella, V. P., Nevada's common minerals. Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (36): 71 (rhodonite), 85 (soda niter), 1941.

COLUMBIA (See AURA)
Bibliography of Geologic Literature of Nevada

CONTACT. Cu, Ag, Au.
(Kit Carson, Porter, Salmon River)
On Highway 38 and U. P. R. R., 50 miles north of Wells.
Paleozoic sediments cut by granite.
Contact metamorphic, veins, replacement deposits.
Nevada's common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (36): 75 (tremolite), 1941.

COPPER MOUNTAIN (See MOUNTAIN CITY)

COPE MOUNTAIN (See CHARLESTON)

CORNUCOPIA. Au, Ag.
Sixty-five miles north-northwest of Elko, S. P. R. R., W. P. R. R.
Tertiary volcanics.
Veins.

DELANO. An, Ag. Pb.
(Delano)
Thirty-five miles north of Montello, S. P. R. R.
Hunt, S. F., Mining geology outlined: 9 (Mackay School of Mines reprint from Salt Lake Mining Review): 1933.

DELKER. Cu.
Twenty-five miles northeast of Currie.
Limestones and quartzites: quartz monzonite.
Veins, contact metamorphic deposits.

DOLLY VARDEN. Cu, Pb, Ag, Au.
(Miszah, Granite Mountain)
Sixteen miles northeast of Currie.
Carboniferous shale and limestone intruded by quartz monzonite.
Veins, contact metamorphic deposits.
Bibliography of Geologic Literature of Nevada

FERGUSON SPRING. Cu, Pb.
(Allegheny)
On the west side of Goshute Range at Don-Don Pass, 30 miles south-southwest of Wendover.
Paleozoic limestones.
Replacements.

GOLD BASIN. Cu, Au.
(Rowland)
Ninety miles north of Elko, S. P. R. R., W. P. R. R.

GOLD CIRCLE. Au, Ag, Hg.
(Midas, Summit)
Forty-eight miles east-northeast of Golconda, S. P. R. R.
Tertiary volcanics.
Veins, replacements.

ELKO. Oil Shale, Lignite, Granite.
Near Elko on S. P. R. R. and W. P. R. R.

FALCON (See ROCK CREEK)
FEBER. Cu, Pb, Au, Ag.
In foothills three miles east of Touna Range, 48 miles south of Wendover, Utah, W. P. R. R.
Limestones cut by quartz monzonite.
Veins, contact and metamorphic deposits.
Giamella, V. P., Nevada’s common minerals: Univ. Nev. Bull. 35 (8), Geol. and Min. ser. (96): 71 (bronze), 1941.

GOLD CREEK (See ISLAND MOUNTAIN)
GOOD HOPE. Au, Ag.
On Chino Creek, 55 miles northwest of Elko, S. P. R. R., W. P. R. R.
Tertiary volcanics.
Veins.

GRANITE (See DOLLY VARDEN)
ISLAND MOUNTAIN. Au, Ag.
(Gold Creek)
 Seventy-five miles north of Elko, S. P. R. R., W. P. R. R.
Veins and placer deposits.
Lincoln, F. C., Mining districts and mineral resources of Nevada: 47, Nev.
1936.
Whitehill, H. R., Biennial report of the state mineralogist of the State of
Nevada for the years 1873 and 1874 : 27–8, Carson City: 1875.
Biennial report of the state mineralogist of the State of Nevada for the
years 1875 and 1876 : 22–3, Carson City: 1877.

IVANHOE. Hg.
Sixty miles northeast of Golconda, S. P. R. R., W. P. R. R.
Rhyolite flow breccia, and pyroclastics.
Veins.
Lincoln, F. C., Mining districts and mineral resources of Nevada: 47, Nev.

JARBRIDGE. Au, Ag.
 Seventy-four miles north of Elko, S. P. R. R., W. P. R. R.
Paleozoic sediments and Tertiary volcanics.
Veins.
Buckley, E. R., Geology of the Jarbridge mining district, Nevada: Min. & Eng.
World 45 : 1200–1212, 1911.
Ferguson, H. G., The mining districts of Nevada: Econ. Geol. 24 (2) : 115,
1929.
Hunt, S. F., Mining geology outlined: 8 (Mackay School of Mines reprint from
Salt Lake Mining Review), 1936.
Lincoln, F. C., Mining districts and mineral resources of Nevada: 48–50, Nev.
Schrader, F. C., A reconnaissance of the Jarbridge, Contact, Elk Mountain mining
districts, Elko County, Nevada: U. S. Geol. Survey Bull. 457 : 11–98,
The Jarbridge mining district, Nevada, with a note on the Charleston distric:
Schrader, F. C., Stone, R. W., and Sanford, Samuel, Useful minerals of the
Sweetser, N. W., Geology of the Jarbridge mining district, Nevada: Min. &

KINSLEY. Ag, Cu, Pb.
On the east slope of the Antelope Range, 28 miles southeast of Currle.
Quartz monzonite porphyry intruding Cambrian limestones.
Contact metamorphic, veins.

KIT CARSON (See CONTACT)

LAFAYETTE. Pb, Ag.
Four miles north of Tobar, W. P. R. R.

LEE. Cu.
On the west slope of the Ruby Mountains, 30 miles south of Elko, S. P. R. R.,
W. P. R. R.

LEROY (See LORAY)

LIME MOUNTAIN. Cu, Au, Ag.
(Deep Creek)
Near Bull Run Mountain, 80 miles north of Elko, S. P. R. R., W. P. R. R.
Paleozoic limestone intruded by quartz porphyry, andesite and diabase.
Contact metamorphic deposits.
Emmons, W. H., A reconnaissance of some mining camps in Elko, Lander, and
Lincoln, F. C., Mining districts and mineral resources of Nevada: 51, Nev.

LONE MOUNTAIN (See MERRIMAC)

LORAY. Cu, Ag, Pb, Fe.
(Luray, Leroy)
On the north end of the Tooa Range, five miles southeast of Loray siding,
S. P. R. R.
Crystalline limestone.
Veins.
Lincoln, F. C., Mining districts and mineral resources of Nevada: 50–51, Nev.

LUCIN. Cu, Ag, Pb.
(Buell)
In the Pilot Range six miles southeast of Tecoma station on the S. P. R. R.
Carboniferous sediments intruded by quartz monzonite. Tertiary lavas.
Replacement deposits.


Mining industry of states and territories of the Rocky Mountains: (for 1872), 188, Govt. Printing Office, Washington: 1873.


Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1871 and 1872: 23-4, Carson City: 1873.

Biennial report of the state mineralogist of the State of Nevada for the years 1873 and 1874: 31, Carson City: 1875.

Biennial report of the state mineralogist of the State of Nevada for the years 1875 and 1876: 24-5, Carson City: 1877.

**MUD SPRINGS. Pb, Zn, Ag, Barite. (Medicine Springs)**

Forty miles west-southwest of Currie, end Ruby Hills. Permin limestone, shales, and quartzites.

Replacements.


Hunt, S. F., Mining geography outlined: 8 (Mackay School of Mines reprint from Salt Lake Mining Review), 1936.


**PORTER (See CONTACT)**

**PROCTOR. Ag.**

Station on W. P. R. R.


**RAILROAD. Ag, Au, Cu, Pb, Zn. (Bullion)**

Twenty-seven miles south-southwest of Elko, 12 miles southeast of Palisade, S. P. R. R., W. P. R. R.

Ordovician limestone cut by granodiorite and quartz porphyry. Replacements, contact metamorphic, veins.


Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1871 and 1872: 28-30, Carson City: 1873.

Biennial report of the state mineralogist of the State of Nevada for the years 1873 and 1874: 34, Carson City: 1875.

Biennial report of the state mineralogist of the State of Nevada for the years 1875 and 1876: 22, Carson City: 1877.

Biennial report of the state mineralogist of the State of Nevada for the years 1877 and 1878: 22, Carson City: 1879.

RIO TINTO (See MOUNTAIN CITY)

ROCK CREEK. Ag.
(Falcon)

In the Tuscarora Mountains, twelve miles west of Tuscarora. Tertiary andesite. Volcanoes.


Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1875 and 1876: 26, Carson City, Nevada.

ROWLAND (See GOLD BASIN)
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Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1871 and 1872: 24-6, Carson City: 1873.

Biennial report of the state mineralogist of the State of Nevada for the years 1873 and 1874: 30, Carson City: 1875.

Biennial report of the state mineralogist of the State of Nevada for the years 1875 and 1876: 29-7, Carson City: 1877.

SUMMIT (See GOLD CIRCLE)

TECOMA. Pb, Ag, Cu, Au.

Near the Utah border, 10 miles north-northeast of Tecomia, S. P. R. R.

Limestone, overlain and underlain by quartzite.

Replacement deposits.


TENNESSEE GULCH (See ALDER)

TUSCABORA. Au, Ag.

Fifty miles northwest of Elko, S. P. R. R., W. P. R. R.

Tertiary volcanics.

Velins, placers.


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Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1871 and 1872: 24, Carson City: 1873.

Biennial report of the state mineralogist of the State of Nevada for the years 1875 and 1876: 17-19, Carson City: 1877.

Biennial report of the state mineralogist of the State of Nevada for the years 1877 and 1878: 17-21, Carson City: 1879.

VAN DIZER (See MOUNTAIN CITY)

WARM CREEK. Zn, Pb.

On southeast side of Warm Creek Ridge, east of Clover Valley and 25 miles southeast of Halleck, S. P. R. R.

Fossiliferous limestone and shale of probable Permian age.

Replacement deposits.


WHITE HORSE. Cu, Pb.

On southwest flank of Mount Pispah, 45 miles east of Carlie, by Highways 93 and 50.

Quartz monzonite stock.

Velins.


ESMERALDA COUNTY

GENERAL

ALIDA VALLEY (See LIDA)

ALPINE. Au.
Near Lone Mountain, west of Tonopah. Paleozoic limestone and slate cut by granite. Veins, replacements.


ALUM. Potash, Sulphur. (Blair)
Ten miles south of Blair Junction.
Gianella, V. P., Nevada's common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. 36: 53 (molybdenite), 1941.

ARGENTITE. Ag.
Forty miles south of Blair Junction, T. & G. R. R., and 24 miles west of Silver Peak.
Rhyolite and limestone. Veins.


BLAIR (See ALUM)

BONNIE CLARE (See TOKOP)

CASTLE ROCK. Au, Ag, Hg.
Eight miles north of Blair Junction, about 35 miles west of Tonopah, T. & G. R. R.

COALDALE. Coal, Variscite, Turquoise.
Station on T. & G. R. R., in Monte Cristo Range. Tertiary volcanics and interbedded sediments.
Gianella, V. P., Nevada's common minerals: Univ. Nev. Bull. 33 (6), Geol. and Min. ser. 36: 63 (copiapite), 69 (melanterite), 1941.
BIBLIOGRAPHY OF GEOLOGIC LITERATURE OF NEVADA

DIVIDE. Ag, Au, Pb.
(Gold Mountain)
Seven miles south of Tonopah, T. & G. R. R.
Tertiary volcanics.
Velas.
Gianella, V. P., Nevada's common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (36): 56 (cerargyrite), 80 (powellite), 1911.

DYER. Au, Ag, Pb.
Twenty-eight miles south of Coaldale, T. & G. R. R.
Paleozoic sediments cut by granite.
Velas.

FESLER (See PALMETTO)

FISH LAKE MARSH (See FISH LAKE VALLEY)

BIBLIOGRAPHY OF GEOLOGIC LITERATURE OF NEVADA

FISH LAKE VALLEY. Hg, Salines.
(Fish Lake Marsh)
Seventy-two miles southwest of Tonopah, T. & G. R. R.
Gianella, V. P., Nevada's common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (36): 86 (borax), 87 (ulvleite), 1941.
White, A. F., Report of the state mineralogist of Nevada for the years 1867 and 1868: 95 (salt), Carson City: 1890.
Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1873 and 1874: 24-5, Carson City: 1875.

GILBERT. Au, Ag, Cu, Pb.
(Desert)
Twenty-five miles west of Tonopah, T. & G. R. R.
Paleozoic sediments and Tertiary volcanics.
Velas.

GOLDFIELD. Au, Ag, Cu, Pb, Mn, Zn.
Station, T. & G. R. R.
Tertiary volcanics underlain by Cambrian sediments cut by granite.
Velas.
Becker, Arnold, Depth of Goldfield: (Discussion), Min. & Sc. Press 90: 62, 1908.
Bibliography of Geologic Literature of Nevada

Glanella, V. P., Nevada’s common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (39): 52 (marcasite), 60 (native gold), 62 (jarosite), 69 (manganite), 81 (alunite), 1914.
Schmidt, Harris, Outcrops of ore shoots: Econ. Geol. 34 (6): 663, 1938.

**GOLD MOUNTAIN (See DIVIDE)**

**GOLD POINT (See HORS SILVER)**

GOOD HOPE. Ag.
Seven miles south of Piper Peak, on the west flank of Silver Peak Range. State probably Ordovician, with interbedded quartzites.

**GREEN MOUNTAIN (See SYLVANIA)**

**HORS SILVER. An. Ag, Pb, Zn, Cu.**
(Lime Point)
Twenty-five miles southwest of Goldfield, T. & G. R. R. Cambrian limestone and shales cut by granite.
Vetus.
**KLONDYKE. Au, Ag, Pb, Cu, Turquoise.** (Southern Klondyke)

Fourteen miles south of Tonopah, T. & G. R. R.

Cambrian sediments cut by granite and overlain by Tertiary volcanics.

Veins, placers.


Mining Industry of the states and territories of the Rocky Mountains: (for 1872), 174, 175, Govt. Printing Office, Washington, 1873.

**GIANELLA.** Be, Cu, Ni, Co, Ni, Cu, Zn, Pb.


**FERGUSON.** Be, Cu, Ni, Co, Ni, Cu, Zn, Pb.


**GIANELLA.** Be, Cu, Ni, Co, Ni, Cu, Zn, Pb.


**Ferguson.** Be, Cu, Ni, Co, Ni, Cu, Zn, Pb.


**GIANELLA.** Be, Cu, Ni, Co, Ni, Cu, Zn, Pb.


**Ferguson.** Be, Cu, Ni, Co, Ni, Cu, Zn, Pb.


**GIANELLA.** Be, Cu, Ni, Co, Ni, Cu, Zn, Pb.


**Ferguson.** Be, Cu, Ni, Co, Ni, Cu, Zn, Pb.


**GIANELLA.** Be, Cu, Ni, Co, Ni, Cu, Zn, Pb.


**Ferguson.** Be, Cu, Ni, Co, Ni, Cu, Zn, Pb.


**GIANELLA.** Be, Cu, Ni, Co, Ni, Cu, Zn, Pb.


**Ferguson.** Be, Cu, Ni, Co, Ni, Cu, Zn, Pb.


**GIANELLA.** Be, Cu, Ni, Co, Ni, Cu, Zn, Pb.


**Ferguson.** Be, Cu, Ni, Co, Ni, Cu, Zn, Pb.


**GIANELLA.** Be, Cu, Ni, Co, Ni, Cu, Zn, Pb.


**Ferguson.** Be, Cu, Ni, Co, Ni, Cu, Zn, Pb.


**GIANELLA.** Be, Cu, Ni, Co, Ni, Cu, Zn, Pb.


**Ferguson.** Be, Cu, Ni, Co, Ni, Cu, Zn, Pb.


**GIANELLA.** Be, Cu, Ni, Co, Ni, Cu, Zn, Pb.


**Ferguson.** Be, Cu, Ni, Co, Ni, Cu, Zn, Pb.

MINERAL RIDGE (See SILVER PEAK)

MONTEZUMA. Au, Ag, Pb, Cu.

Seven miles west of Goldfield, T. & G. R. R.
Cambrian sediments cut by granite and diorite and capped by Tertiary volcanics.

Veins, replacements.


Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1871 and 1872: 40, Carson City: 1873.

Biennial report of the state mineralogist of the State of Nevada for the years 1873 and 1874: 78, Carson City: 1875.

Biennial report of the state mineralogist of the State of Nevada for the years 1875 and 1876: 108, Carson City: 1877.

OLD GOLD MOUNTAIN (See TOKOP)

ORIENTAL WASH (See TOKOP)

PALMETTO. Au, Ag, Pb.
(Pesler, Pidgeon Springs, Windyehorah)

Forty-two miles southwest of Goldfield, T. & G. R. R.
Paleozoic sediments cut by granite.

Veins, contact metamorphic deposits and placers.


Bibliography of Geologic Literature of Nevada


Report of the mineralogist of the State of Nevada for the years 1899 and 1900: 104-5, Carson City: 1871.

Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1871 and 1872: 43, Carson City: 1873.

PIDGEON SPRINGS (See PALMETTO)

RAILROAD SPRINGS. Au, Ag, Cu.

Twenty-five miles southwest of Goldfield, T. & G. R. R.
Cambrian limestones and shales intruded by diorite dikes; also Tertiary rhyolite.

Veins.


RED MOUNTAIN (See SILVER PEAK)

SILVER PEAK. Au, Ag, Pb.
(Mineral Ridge, Red Mountain)

Twenty miles south of Blair Station, T. & G. R. R.
Paleozoic sediments cut by granite and diorite, also Tertiary volcanics.

Veins.
Ferguson, H. G. The mining district of Nevada: Econ. Geol. 24 (2): 135, 1892.
Hastings, J. B. Are the quartz veins of Silver Peak, Nevada, the result of magmatic segregation?: A. I. M. E. Trans. 36: 647-654, 1906.
Descriptive geology of Nevada south of the fortieth parallel and adjacent portions of California: U. S. Geol. Survey Bull. 298: 154-6 (Silver Range), 1903.
White, A. E., Report of the state mineralogist of Nevada for the years 1897 and 1898: 95-6, Carson City: 1899.
Report of the mineralogist of the State of Nevada for the years 1899 and 1870: 106-7, Carson City: 1871.
White, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1871 and 1872: 41, Carson City: 1873.

SILVER PEAK MARSH. Sallipes.
In Clayton Valley east of Silver Peak.


Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1871 and 1872: 42–3, Carson City: 1873.

Biennial report of the state mineralogist of the State of Nevada for the years 1873 and 1874: 23, Carson City: 1875.

TULE CANYON (See LIDA)

WEENAH (See LONE MOUNTAIN)

WEST DIVIDE (See LONE MOUNTAIN)

WHITE MOUNTAINS (See FISH LAKE VALLEY)

WINDEYPAAH (See PALMETTO)

EUREKA COUNTY

ALPHA. Ag, Pb.

Fifty-five miles north of Eureka and five miles east of Alpha. Devonian limestone.

Sheeted zones and replacements.


AMARILLA. Iron.

Twenty-two miles south of Pullsade, S. P. R. R.


ANTELOPE. Pb, Ag, Cu.

Southwest corner of Eureka County.


BARTH (See SAFFORD)

BEOWAVE. Hg.

Station, S. P. R. R., W. P. R. R.


BUCKHORN. An, Ag, Pb.

Thirty-five miles south-southwest of Pullsade, S. P. R. R., W. P. R. R., and 30 miles south of Beowave on S. P. R. R.

Ordovician limestone intruded by granodiorite and capped by Tertiary eruptives. Veins.


Gianella, V. P., Nevada's common minerals: Univ. Nov. Bull. 35 (6), Geol. and Min. ser. (36): 52 (micasite), 59 (realgar), 62 (orpiment), 86 (epsonite), 1941.


CORTEZ (See LANDER COUNTY)
Bibliography of Geologic Literature of Nevada

DIAMOND. Ag, Pb, Salines. (Diamond Marsh).

Thirty miles north of Eureka.

Limestone.

Veins, also salt marsh.


Gianella, V. P., Nevada's common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (38): 84 (halite), 1941.


Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1871 and 1872: 80, Carson City: 1873.

DIAMOND MARSH (See DIAMOND)

EUREKA. Ag, Pb, Au, Cu, Zn, Fe, As, Mo. (Pinto, Prospect, Ruby Hill, Secret Canyon)

County seat of Eureka County. On U S 50.

Paleozoic sediments, granite porphyry, and Tertiary volcanics.

Replacements, veins.

Bains, T. H., Location of future ores of the southwest: Mining Jour. (Phoenix, Ark.), 11 (9): 5-7, 1927.


Gianella, V. P., Nevada's common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (38): 51 (arsenopyrite), 53 (molybdenite), 56 (cercargyrite), 59 (realgar), 61 (pyromorphite), 62 (orpiment, jaroite), 69 (sulfide), 70 (wulfenite), 72 (rhodochrosite), 74 (smithsonite, hemimorphite), 79 (carnite, angeline), 81 (aragonite), 84 (kaolinite), 1941.


Iddings, J. P., Microscopical petrography of the eruptive rocks of the Eureka district: U. S. Geol. Survey Mon. 20, Appendix B: 337-396, 1892.


**FISH CREEK.** Ag, Pb, Zn, Cu, W.

South end of Antelope Valley, 35 miles southwest from Eureka by road.


**LONE MOUNTAIN.**

North of U S 50 and 20 miles west of Eureka.


**LYNN.** Au.


**MILL CANYON.** Twenty-five miles south of Beowawe, on S. P. R. R.

Gianella, V. P., Nevada's common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (36): 59 (realgar), 62 (orpiment), 86 (epsmoltite), 1941.


**MINERAL HILL.** Ag, Pb, Au, Cu, Zn.


Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1871 and 1872: 22, Carson City: 1873.

Biennial report of the state mineralogist of the State of Nevada for the years 1875 and 1876: 27, Carson City: 1877.
Bibliography of Geologic Literature of Nevada

MOUNT HOPE. Zn, Pb, Ag.

MOUNT TENABO (See CORTEZ, LANDER COUNTY)

PALISADE (See SAFFORD)

PINE VALLEY (See SAFFORD)

PINTO (See EUREKA)

PROSPECT (See EUREKA)

ROBERTS. Ag, Pb, Cu.
On Roberts Mountains thirty miles northwest of Eureka. Syenite and limestone.
Veins.
Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1873 and 1874: 61, Carson City: 1875.

RUBY HILL (See EUREKA)

SAFFORD. Ag, Au, Fe, Pb, Cu.
(Barth, Palisade, Pine Valley)
Veins.
Gianella, V. P., Nevada's common minerals: Univ. Nev. Bull. 36 (6), Geol. and Min. ser. (36): 56 (native silver), 59 (hematite), 80 (barite), 1941.

SCHROEDER (See MAGGIE CREEK)

SECRET CANYON (See EUREKA)

SUSIE CREEK (See MAGGIE CREEK)

UNION. Ag, Pb.
Fifty miles north of Eureka.

UNNAMED DISTRICT. Asphaltum (Uranium-vanadium bearing imposumite) in the Pinion Range, 15 miles south of Palisade near the Elko County boundary line.

WILLIAMS SALT MASH (See DIAMOND)
HUMBOLDT COUNTY

GENERAL REFERENCE

ADELAIDE (See GOLD RUN)

AMOS (See A WAKING)

ASHDOWN (See WARM SPRINGS)

AWAKENING. Au, Ag.
(Amos, Slumbering Hills)

In the Slumbering Hills 30 miles northwest of Winnemucca. Veins and placer deposits.


BARNETT SPRINGS (See WINNEMUCCA)

BATTLE MOUNTAIN (See LANDER COUNTY)

BOTTLE CREEK. Hg.

On east slope of Jackson Mountains 55 miles northwest of Winnemucca and 20 miles southeast of Quinn River Crossing.

Gianella, V. P., Nevada's common minerals : Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (36) : 57 (cinnabar), 1941.


CENTRAL. Au, Ag, Pb.
(New Central)

On the northern part of Eugene Mountains, 8 miles southwest of Pronto on W. P. R. R.


COLUMBIA (See VARYVILLE)
GOLD RUN. Cu, Ag, Au, Pb, Zn. (Adelaida)


Veins, replacement, contact metamorphic and placer deposits.

Glanella, V. F., Nevada's common minerals: Univ. Nev. Bull. 35 (8), Geol. and Min. soc. (35) : 65 (pyroxene), 66 (didacrase), 1941.


HARMONY (See SONOMA MOUNTAIN)

IRON POINT. Mn, Ag, Au, Pb.

On north slope of northeast projection of Sonoma Range, 12 miles east of Golconda.

Shale and quartzite.


JACKSON CREEK. Cu, Pb, Ag.

On the west slope of the Jackson Mountains, 35 miles north of Sulphur and 18 miles south of Quinn River Crossing.

Granite and limestone,

Veins, and contact metamorphic deposits.


KELLY CREEK (See POTOSI)

KING'S RIVER. Au.

Near Oregon-Nevada boundary line, 45 miles northwest of Orovada.


LEONARD CREEK (See VARYVILLE)

McDERMITT. Ig.

(Opalite)

Near the Oregon-Nevada boundary line, 77 miles north of Winnemucca.


MOUNT ROSE (See PARADISE VALLEY)
Bibliography of Geologic Literature of Nevada

NATIONAL. **Au, Ag, Sb.**

On the west slope of the Santa Rosa Range, 74 miles north of Winnemucca. Tertiary volcanics. 


Gianella, V. P., Nevada's common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (36) : 51 (arsenopyrite), 60 (native gold), 1941.


Lindgren, Waldemar, Geology of the National mining district, Nevada: Min. & Eng. World 35: 1175-6, 1911.


Roberts, R. J., Quicksilver deposit at Buckskin Peak, National mining district, Humboldt County, Nevada: (A preliminary report), U. S. Geol. Survey Bull. 922-E: 115-123, 1940.


Stuart, F. E., Nevada's mineral resources: 125, Carson City: 1909.


NEW CENTRAL (See CENTRAL)

NEW GOLDFIELDS (See REBEL CREEK)

OPALITE (See McDERMITT)

PARADISE VALLEY. **Au, Ag, Hg.**

(Mount Rose, Poverty Creek, Spring City)

On the east slope of the Santa Rosa Range, 45 miles north-northeast of Winnemucca and 62 miles north of Golconda.

Metamorphosed Mesozoic series.

Veins and placer deposits.


Stuart, F. E., Nevada's mineral resources: 120, Carson City: 1909.


POTOSI. **Au, Ag, As, Sb, Hg, W.** (Getchell, Kelly Creek, Freble)

On the east slope of the Osgood Range, 30 miles north of Golconda.

Gianella, V. P., Nevada's common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (36) : 59 (realgar), 62 (orpiment), 76 (wollastonite), 1941.


POVERTY CREEK (See PARADISE VALLEY)

PREBLE (See POTOSI)

PUEBLO (See WARM SPRINGS)

REBEL CREEK. **Au, Ag.**

(New Goldfields, Willow Creek)

On the west slope of the Santa Rosa Range, 54 miles north of Winnemucca.

Veins and placer deposits.


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RED BUTTE. Cu, Sn, Hg.
On the west slope of the southern part of the Jackson Range, 15 miles north of Sulphur on the W. P. R. R.
Gabbro cut by aplite dikes.
Veins and disseminated deposits.
Glanella, V. P., Nevada's common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (36): 52 (coppellite), 1941.

SAWTOOTH. Au.
Near the Humboldt-Pershing County line, 10 miles east of Sulphur on the W. P. R. R.

SHERMAN. Au, Ag.
On the east slope of the Bloody Run Range, 23 miles north of Winnemucca.

SHON. Au, Ag.
In the Santa Rosa Range, 25 miles north of Winnemucca.
Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1877 and 1878: 65, San Francisco: 1879.

SLUMBERING HILLS (See AWARENING)

SOLDIER MEADOWS. Nitrates.
Soldier Creek Valley, 53 miles north of Gerlach and six miles southwest of the Paiute and Shoshone Indian Reservation in western Humboldt County.

SONOMA MOUNTAIN. Cu, Ag, Au, Zn, Mo, W. (Harmony)
On the north end of the Sonoma Range, five miles southeast of Winnemucca.
Glanella, V. P., Nevada's common minerals: Univ. Nev. Bull. 35 (8), Geol. and Min. ser. (36): 57 (cinnabar), 59 (hematite), 59 (powellite), 1941.

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SPRING CITY (See PARADISE VALLEY)

SULPHUR. Sulphur, Alumite, Ag, Hg.
Two miles southeast of Sulphur on the W. P. R. R.
Vein deposits.
Clark, I. C., Recently recognized alumite deposits at Sulphur, Humboldt County, Nevada: Eng. & Min. Jour. 106: 150-163, 1918.
Glanella, V. P., Nevada's common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (36): 56 (cerargyrite), 63 (sulphur), 81 (alumite), 1941.
Stuart, E. E., Nevada's mineral resources: S. Carson City: 1906.
Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1875 and 1876: 64-6, Carson City: 1878.

THIN MILE (See WINNEMUCCA)

VARYVILLE. Au.
(Columbia, Leonard Creek)
At the south end and on the east slope of the Pine Forest Range, 12 miles west of Qulin River Crossing and 95 miles northwest of Winnemucca by road.
Statistics of mines and mining in the states and territories west of the
Rocky Mountains: (for 1875), 189-90, Govt. Printing Office, Washington:
1876.

Bull. 20 (8) : 54, 1892.

Vanderburg, W. O., Placer mining in Nevada: Univ. Nev. Bull. 30 (4) : 93,
1896.

Reconnaissance of mining districts in Humboldt County, Nevada: U. S.

Whitehill, H. R., Biennial report of the state mineralogist of the State of
Nevada for the years 1873 and 1874: 53, 1875.

VICKSBURG (See WARM SPRINGS)

VIRGIN VALLEY. Opal.

In northwestern Humboldt County, 55 miles southwest of Denio, Oregon, via
Nevada State Highway 8-A.


History of Virgin Valley, Nevada, largest opal field: Mineralogist 9 (1) :
7-8, 22-24, 1941.

Glennell, V. P., Nevada's common minerals: Univ. Nev. Bull. 33 (6), Geol. and
Min. ser. (6) : 78 (opals), 1941.

Kutz, F. E., On the occurrence of opal in northern Nevada and Idaho: (Abst.),

Merriam, J. C., The occurrence of middle Tertiary mammal-bearing beds in
northwestern Nevada: Sci. n. s. 26 : 350-2, 1907.

Vanderburg, W. O., Reconnaissance of mining districts in Humboldt County,

Anonymous, Valuable discoveries of opal in Nevada: Min. and Eng. World 39 :
(14) 604, 1913.

WARM SPRINGS. Au, Ag, Cu, Pb.
(Ashdown, Pueblo, Vicksburg)

On the west slope near the north end of the Pine Forest Range, 12 miles south
of Denio on the Oregon-Nevada boundary line.

Brown, J. H., and Taylor, J. W., Report upon the mineral resources of the

Reports of the mineral resources of the United States: (for 1897), 392,


Lincoln, F. C., Mining districts and mineral resources of Nevada: 105, Nev.

Schrader, F. C., Stone, R. W., and Sanford, Samuel, Useful minerals of the

Strech, R. H., Nevada state mineralogist's report for 1896 : 45-6, Carson City:
1897.

Vanderburg, W. O., Reconnaissance of mining districts in Humboldt County,

WILLLOW CREEK (See REBEEL CREEK)

WILLLOW POINT. Cu, Ag.

On the west side of the Hot Spring Range, 20 miles northeast of Winnemucca.
Lincoln, F. C., Mining districts and mineral resources of Nevada: 105, Nev.

WINNEMUCCA. Au, Ag, Pb, Cu, Hg, Mo.
(Barrett Springs, Ten Mile)

On the slope of Winnemucca Mountain, four miles northwest from Winnemucca.
Glennell, V. P., Nevada's common minerals: Univ. Nev. Bull. 33 (6), Geol. and
Min. ser. (6) : 53 (molybdenite), 69 (serpentine), 1941.

Hague, Arnold, Nevada basin west Humboldt region. Report of the geological
exploration of the fourth parallel (2) : 737-9, Govt. Printing Office,
Washington: 1877.


Lee, W. T., Stone, R. W., Gale, H. S., and others, Guidebook of the western
United States, Part B. The Overland Route: U. S. Geol. Survey Bull. 612 :
174, 1915.

Lincoln, F. C., Mining districts and mineral resources of Nevada: 105-6, Nev.

Lindgren, Waldemar, Geology and mineral deposits of the National mining dis-

Raymond, R. W., Mineral resources of the states and territories west of the
Rocky Mountains: (for 1868), 132, Govt. Printing Office, Washington:
1869.

Statistics of mines and mining in the states and territories west of the

Mining industry of states and territories of the Rocky Mountains: (for

Statistics of mines and mining in the states and territories west of the
Rocky Mountains: (for 1873), 219-4, Govt. Printing Office, Washington:
1874.

Statistics of mines and mining in the states and territories west of the
Rocky Mountains: (for 1874), 262, Govt. Printing Office, Washington:
1875.

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Strech, R. H., Nevada state mineralogist's report for 1900 : 55, Carson City:
1897.


Vanderburg, W. O., Reconnaissance of mining districts in Humboldt County,

White, A. F., Report of the mineralogist of the State of Nevada for the years
1869 and 1870 : 27-8, Carson City: 1871.

Whitehill, H. R., Biennial report of the state mineralogist of the State of
Nevada for the years 1871 and 1872 : 51-2, Carson City: 1873.

Biennial report of the state mineralogist of the State of Nevada for the years
1873 and 1874: 51-2, Carson City: 1875.
LANDER COUNTY

GENERAL

Fries, Carl, Jr., and Butler, A. P., Tin deposits of northern Lander County, Nevada: Dept. Int. Press Mem. 154381: August 18, 1941.

AMADOR (See REESE RIVER)

ARGENTA

Twelve miles east of Battle Mountain, four miles southeast from Argenta siding on the S. P. R. R.


AUSTIN (See REESE RIVER)

BANNOCK (See BATTLE MOUNTAIN)

BATEMAN CANYON

(Rock Creek)

Fifteen miles south of Battle Mountain.


BATTLE MOUNTAIN. Au, Ag, Cu, Sb, Pb, Zn, As.

(Bannock, Copper Basin, Copper Canyon, Cottonwood Creek, Rocky Canyon, Galena)

South and west of Battle Mountain, S. P. R. R., W. P. R. R.

Paleozoic sediments and Tertiary volcanics.

Veins, replacements, contact metamorphic, placers.


Gianella, V. P., Nevada's common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (36): 42 (cassiterite), 49 (stibnite), 51 (arsenopyrite), 55 (turquoise), 57 (native copper), 53 (cuprite), 79 (stibiconite), 79 (anglesite), 80 (barite), 1941.


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Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1871 and 1872: 45-50, Carson City: 1873.

Biennial report of the state mineralogist of the State of Nevada for the years 1873 and 1874: 60-61, Carson City: 1875.

Biennial report of the state mineralogist of the State of Nevada for the years 1875 and 1876: 77-82, Carson City: 1877.

Biennial report of the state mineralogist of the State of Nevada for the years 1877 and 1878: 76-71, San Francisco: 1879.

Young, G. J., A cave deposit: Econ. Geol. 10: 186-190, 1915.

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BIG CREEK. Sb.

Ten miles south of Austin and on the west slope of the Toiyabe Range. Shales and sandstones with thin beds of quartzite and limestone. Veins.


Spurr, J. E., Descriptive geology of Nevada south of the fortith parallel and adjacent portions of California: U. S. Geol. Survey Bull. 208: 93-7 (Toiyabe Range), 1903.


BIG SMOKY (See BIRCH CREEK)

BIRCH CREEK. An, Ag, Pb, Cu, Mo.

(Big Smoky, Smoky Valley)

Twelve miles south of Austin on the east flank of the Toiyabe Range. Sedimentary rocks intruded by granodiorite. Veins.


Gianella, V. P., Nevada's common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (58): 48 (tetrahedrite), 51 (arsenopyrite), 53 (molibdenite), 1941.


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BOBTOWN (See STEINER CANYON)

BUFFALO VALLEY. Au.
(28h Canyon)
Seventeen miles south of Valmy, S. P. R. R., on the west slope of Battle Mountain Range.
Limestone and aplite.
Veins, replacements in limestone.

BULLION. Ag, Au, Pb, Cu, As.
(Campbell, Lander, Tenabo)
Twenty-five miles southwest of Beowave, S. P. R. R., on east slope of the Shoshone Range.
Paleozoic sediments capped by Tertiary volcanics.
Veins and placers.

BULLION HILL (See CORTEZ)

BUNKER HILL (See KINGSTON)

CAMPEL (See BULLION)

COPPER BASIN (See BATTLE MOUNTAIN)

COPPER CANYON (See BATTLE MOUNTAIN)

CORTEZ. Ag, Pb, Au, Cu, Zn.
(Bullion Hill, Mount Tenabo)
Thirty-six miles south of Beowave, S. P. R. R., W. P. R. R.
Paleozoic sediments cut by granite and porphyries and capped by Tertiary volcanics.
Replacements, veins.

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Gianelli, V. P., Nevada's common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (39): 48 (tetrahedrite), 54 (aurichalcite), 61 (pyromorphite), 62 (jarosite), 74 (hemimorphite), 86 (epsonite), 1941.
Report of the mineralogist of the State of Nevada for the years 1869 and 1870: 66-7, Carson City: 1871.
Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1871 and 1872: 47, Carson City: 1873.

COTTONWOOD CREEK (See BATTLE MOUNTAIN)

DEAN (See LEWIS)

GALENA (See BATTLE MOUNTAIN)

GOLD BASIN. Au, Ag.
At Carroll, on Churchill County border.

HILLTOP. Cu, Pb, Au, Ag.
(Kimberly, Mayeville)
Eighteen miles southeast of Battle Mountain, S. P. R. R., W. P. R. R.
Paleozoic sediments cut by diorite and andesite.
Veins.
Nebraska common minerals: Univ. Nev. Bull. 33 (6), Geol. and Min. ser. (36): 53 (chalcopyrite), 58 (cuprite), 72 (rhodochrosite), 1941.

HORSE CANYON. Au.
Near McCoy, 30 miles southwest of Battle Mountain, S. P. R. R., W. P. R.
Diorite and limestone. Veins.

IOWA CANYON. Au.
Sixteen miles north of Austin.

IZENHOOD. Sn.
Twenty miles north of Battle Mountain, in the Sheep Creek Range.
Glanella, V. P., Nevada's common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (36): 42 ( cassiterite ), 1941.

KIMBERLY (See HILLTOP)

KINGSTON. Au, Ag.
(Bunker Hill, Santa Fe, Summit, Victorine)
Twenty-four miles south of Austin, on the west flank of Tolyub Range. Limestone interbedded with shales and slate. Veins.

LANDER (See BULLION)

LEWIS, Ag, Au.
(Dean, Pittsburg)
Fourteen miles southeast of Battle Mountain, S. P. R. R., W. P. R.
Paleozoic sediments cut by granite and andesite. Veins.
Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1875 and 1876: 76, Carson City: 1877.

MAYESVILLE (See HILLTOP)

McCOY. Au.

MILL CANYON (See BUFFALO VALLEY)

MOUNT TENABO (See CORTEZ)

MUD SPRINGS. Au.
Twenty miles southeast of Battle Mountain.

NEW PASS. Au.
Twenty-seven miles west of Austin, on border of Churchill County. Limestone, porphyry, and gabbro. Veins.

**PITTSBURG (See LEWIS)**

**RAVENSWOOD. Ag, As, Cu, Pb.**

(Shoshone)

Twenty miles north-northwest of Austin, seven miles west old Silver Creek sliding.
Cambrian shales, quartzites, and limestones.
Veins.

**REESE RIVER. Ag, Au, Pb, Cu, Zn, As.**

(Amador, Austin, Yankie Blade)

Near Austin in the Toyabe Range.
Paleozoic sediments cut by granite and capped by Tertiary volcanics.
Veins.
Nebraska's common minerals: Univ. Nev. Bull. 25 (6), Geol. and Min. ser. (36): 47 (stephanite), 59 (graphite), 51 (arsenopyrite), 55 (turquoise), 56 (cerargyrite), 58 (pyrargyrite, proustite), 72 (rhombochrosite), 1941.

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Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1871 and 1872: 69–65, Carson City: 1873.
Biennial report of the state mineralogist of the State of Nevada for the years 1873 and 1874: 53–60, Carson City: 1875.
Biennial report of the state mineralogist of the State of Nevada for the years 1875 and 1876: 71–6, Carson City: 1877.

**ROCK CREEK (See BATEMAN CANYON)**
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ROCKY CANYON (See BATTLE MOUNTAIN)

SANTA FE (See KINGSTON)

SHOSHONE (See RAVENSWOOD)

SKOOKUM. Ag, Au.

Nine miles northwest of Austin.
Paleozoic sediments cut by granite.
Veins, contact metamorphic.
Higgins, W. C., Skookum, Nevada's new chloride camp: Salt Lake Min. Rev. 10: 17-21, 1908.


SVALN CANYON (See VALLEY VIEW)

SMOKY VALLEY (See BIRCH CREEK)

STEINER CANYON. Au.
(Bobtown)

About 40 miles north of Austin, near Bobtown.

SUMMIT (See KINGSTON)

TENABO (See BULLION)

VALLEY VIEW
(Slavin Canyon)

Eighteen miles northeast of Austin, on the east slope of the Tolyabe Range.

VICTORINE (See KINGSTON)

WASHINGTON. Ag.

Thirty-five miles south-southwest of Austin, on the west slope of the Tolyabe Range.
Vanderburg, W. O., Reconnaissance of mining districts in Lander County,

WILD HORSE. Hg.

Thirty-five miles northwest of Austin.
LINCOLN COUNTY

ATLANTA.  Ag, Au, Cu, Pb, Ra.  (Silver Park, Silver Springs)

About 40 miles northwest of Pioche, U. P. R. R.
Quartzites and limestones over lain by Tertiary volcanics.
Veins.
Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1871 and 1872: 111, Carson City: 1873.
Biennial report of the state mineralogist of the State of Nevada for the years 1873 and 1874: 76, Carson City: 1875.
Biennial report of the state mineralogist of the State of Nevada for the years 1875 and 1876: 172, Carson City: 1877.

BOYD

Fourteen miles south of Caliente, in Rainbow Canyon.

BEAVER (See JACKRABBIT)

CALIENTE (See CHIEF)

CAVE VALLEY (See PATTERSON)

CHIEF.  Au, Ag, Cu, Pb.
(Caliente)

Eight miles north-northwest of Caliente, U. P. R. R.
Paleozoic sediments cut by basic dikes.
Veins.

COMPT.  Au, Ag, Pb, Cu, Zn, W.

Fourteen miles southwest of Pioche, U. P. R. R.
Paleozoic sediments cut by porphyry.
Veins, replacements.
Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1871 and 1872: 98, Carson City: 1873.
Biennial report of the state mineralogist of the State of Nevada for the years 1875 and 1876: 92, Carson City: 1875.

DELMAR (See FERGUSON)

EAGLE VALLEY.  Au, Ag, Pb.
(Gray, St. Helena)

Twenty-one miles northwest of Modena, Utah, U. P. R. R.
Tertiary volcanics.
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ELY (See Pioche)

FAIRVIEW (See SilverHorn)

FAY (See Eagle Valley)

FERGUSON, An, Ag.
(Delamar)


Miller, G. W., The Delamar mines, Lincoln County, Nevada: Min. Sci. 58: 347-8, 1908.


FREIBERG, An, Ag, Pb.
(Worthington)


Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1871 and 1872: 113, Carson City: 1873.

Biennial report of the state mineralogist of the State of Nevada for the years 1873 and 1874: 78, Carson City: 1875.

GEYSER (See Patterson)

GROOM, Pb, Ag.


Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1871 and 1872: 97, Carson City: 1873.

Biennial report of the state mineralogist of the State of Nevada for the years 1873 and 1874: 66, Carson City: 1875.

HIGHLAND. Pb, Ag, Au, Cu.


HIKO (See Pahranagat)
Sixteen to twenty miles northwest of Pioche, U. P. R. R.
Paleozoic sediments cut by rhyolite.
Replacements, veins.
Gianella, V. P., Nevada's common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (30): 54 (aurichalcite), 75 (zeolites), 81 (aragonite), 1941.
Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1871 and 1872: 111–2, Carson City: 1873.
Biennial report of the state mineralogist of the State of Nevada for the years 1873 and 1874: 78, Carson City: 1875.
Biennial report of the state mineralogist of the State of Nevada for the years 1875 and 1876: 92, Carson City: 1877.
Biennial report of the state mineralogist of the State of Nevada for the years 1877 and 1878: 77, Carson City: 1879.

**LONE MOUNTAIN.** Ag, Pb.
Sixteen miles west of Pioche, U. P. R. R.
Paleozoic sediments.
Veins, replacements.

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Sixty miles west of Caliente, U. P. R. R.
Paleozoic sediments.
Veins.
Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1871 and 1872: 111–2, Carson City: 1873.
Biennial report of the state mineralogist of the State of Nevada for the years 1873 and 1874: 78, Carson City: 1875.
Biennial report of the state mineralogist of the State of Nevada for the years 1875 and 1876: 92, Carson City: 1877.
Biennial report of the state mineralogist of the State of Nevada for the years 1877 and 1878: 77, Carson City: 1879.

**PAHRANAGAT.** Ag, Pb, Cu.
(Hiko)
Veins, replacements.


Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1873 and 1874: 78, Carson City: 1875.

**PIECHE** Ag, Pb, Au, Cu, Zn, Mn, W. (Ely)

Station, U. P. R. R.

Paleozoic sediments cut by dikes of quartz porphyry and diorite.

Replacements, volcanics.


Gianelli, V. P., Nevada's common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (36): 59 (graphite), 1941.


Spurr, J. E., Descriptive geology of Nevada south of the forthth parallel and adjacent portions of California: U. S. Geol. Survey Bull. 208: 38–47, (Schell Creek and Highland Ranges), 1903.


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Biennial report of the state mineralogist of the State of Nevada for the years 1875 and 1876: 88–9, 92, Carson City: 1877.

Biennial report of the state mineralogist of the State of Nevada for the years 1877 and 1878: 73–7, San Francisco: 1879.


SILVERHORN. Ag, Ni.
(Fairview)
Twenty-three miles northwest of Pioche, U. P. R. R.
Limestones and shales cut by acid dikes.

Replacements.
Anderson, J. C., Ore deposits of the Pioche district, Nevada: Eng. & Min.
Jour. 113: 234, 264, 1922.

Crampton, T. H. M., The Silver Horn district, near Pioche, Nevada: Min. &

Lincoln, F. C., Mining districts and mineral resources of Nevada: 127-28, Nev.

Min. Jour. 113: 174, 1921.

Nolan, T. B., Mineral resources of the region around Boulder Dam: U. S. Geol.

Westgate, L. G., and Knopf, Adolph, Geology and ore deposits of the Pioche

SILVER PARK (See ATLANTA)

SILVER SPRINGS (See ATLANTA)

STATELINE (See EAGLE VALLEY)

TEM PIUTE. Ag, Pb, Cu, Zn, W.
In Timpahute Mountains, western Lincoln County.
Predominantly shales and limestone.

Lincoln, F. C., Mining districts and mineral resources of Nevada: 128, Nev.

Nolan, T. B., Mineral resources of the region around Boulder Dam: U. S. Geol.

Raymond, R. W., Statistics of mines and mining in the states and territories
west of the Rocky Mountains: (for 1869), 201, Govt. Printing Office,
Washington: 1870.

Statistics of mines and mining in the states and territories west of the
Rocky Mountains: (for 1870), 174, Govt. Printing Office, Washington:
1871.

White, A. F., Report of the state mineralogist of Nevada for the years 1867
and 1868: 85, Carson City: 1863.
Report of the mineralogist of the State of Nevada for the years 1869 and
1870: 99-100, Carson City: 1871.

Whitehill, H. R., Biennial report of the state mineralogist of the State of
Nevada for the years 1871 and 1872: 113-114, Carson City: 1873.
Biennial report of the state mineralogist of the State of Nevada for the years
1873 and 1874: 75-6, Carson City: 1875.
Biennial report of the state mineralogist of the State of Nevada for the years
1877 and 1878: 78-9, San Francisco: 1879.

VIGO. Mn.
Twenty-four miles east of Vigo, U. P. R. R., in Mormon Range.

Pardoe, J. T., and Jones, E. L., Jr., Deposits of manganese ore in Nevada:
LYON COUNTY

GENERAL REFERENCE

CHINATOWN (See SILVER CITY)

CHURCHILL, W.

COMO (See PALMYRA)

DAYTON (See SILVER CITY)

DEVIL’S GATE (See SILVER CITY)

ELDORADO, Lignite.
On Eldorado Canyon, six miles south of Dayton. Tertiary sediments.
Stretch, R. H., Nevada state mineralogist’s report for 1866: 18, Carson City: 1867.
Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1873 and 1874: 63, Carson City: 1875.
Biennial report of the state mineralogist of the State of Nevada for the years 1875 and 1876: 95, Carson City: 1877.

GOLD CANYON (See SILVER CITY)

INDIAN SPRINGS (See PALMYRA)

LUDWIG (See YERINGTON)

MASON (See YERINGTON)

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MOUND HOUSE. Gypsum.
Stuart, E. E., Nevada’s mineral resources: 8, 141–142, Carson City: 1908.

PALMYRA. Au, Ag.
(Como, Indian Springs)
In the north-central portion of the Pine Nut Range, three miles north of Lyon Peak and 10 miles southeast of Dayton.

PINE GROVE. Au, Ag.
(Rockland, Wilson)
On the east slope of the Pine Grove Hills, 23 miles south of Yerlington. Quartz monzonite intruded by granitic dikes and overlain by Tertiary volcanics. Velas and placer deposits.
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Rockland (See Pine Grove)
Silver City: An, Ag, Mo.

Chinatown, Dayton, Devil's Gate, Gold Canyon

On the southeast slope of the Virginia Range, nine miles northeast of Carson City.

Tertiary andesites and rhyolites.

Vein and placer deposits.


De Quille, Dan (William Wright), History of the big bonanza: Hartford, Conn., San Francisco, California: 1876.


Nevada's common minerals: U. S. Geol. Survey Bull. 35 (6), Geol. and Min. ser. (36): 53 (molybdenite), 1941.


Lord, Elliot, Comstock mining and miners: U. S. Geol. Survey Mon. 4: 12, 19, 24, 1882.


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On the southeast slope of the Virginia Range, nine miles northeast of Carson City.

Tertiary andesites and rhyolites.

Vein and placer deposits.


De Quille, Dan (William Wright), History of the big bonanza: Hartford, Conn., San Francisco, California: 1876.


Geology of the Silver City district and the southern portion of the Comstock Lode, Nevada: U. S. Geol. Survey Bull. 30 (9): 105, 1536.

Nevada's common minerals: U. S. Geol. Survey Bull. 35 (6), Geol. and Min. ser. (36): 53 (molybdenite), 1941.


Lord, Elliot, Comstock mining and miners: U. S. Geol. Survey Mon. 4: 12, 19, 24, 1882.


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Stuart, E. E., Nevada’s mineral resources: 130, Carson City: 1909.


Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1871 and 1872: 114, Carson City: 1873.

Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1873 and 1874: 115, Carson City: 1875.

Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1877 and 1878: 50, San Francisco: 1879.

TALAPOOSA. Au, Ag, Cu.

On the south slope of the east extension of the Virginia Range, 11 miles south of Fernley.

Veins in Tertiary volcanics.


WASHINGTON. Cu, Au, Ag, Lignite.

In the Pine Grove Hills in the vicinity of Wishram, 30 miles south of Yerlington.


Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1871 and 1872: 43, Carson City: 1873.

WILSON (See PINE GROVE)

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YERINGTON. Cu, Pb, Au, Ag, Gypsum.

(Ludwig, Mason)

The central portion of the Singrate Range, four miles southwest of Yerlington. Triassic sediments and granitic intrusions. Contact metamorphic and placer deposits.


The location of ore bodies and the occurrence of shoots in metalliferous deposits: Econ. Geol. 4: 255-7, 1899.


Jones, J. C., The origin of the anhydrite at the Ludwig mine, Lyon County, Nevada: Discussion, Econ. Geol. 7: 490-2, 1912.


Rogers, A. F., A new synthesis and new occurrences of covellite: Sch. of Mines Quarterly 32: 298-304, 1911.

The occurrence and origin of gypsum and anhydrite at the Ludwig mine, Lyon County, Nevada: Econ. Geol. 7: 185-9, 1912.

MINERAL COUNTY

GENERAL


ACME. Au, Ag, Pb, Cu.

(Fitting, Kincaid)

On the southeast slope and end of the Gillis Range, four miles north of Acme, a sidling on the S. P. R. R.

Triassic sediments, intrusive Cretaceous monzonite and Tertiary volcanics.

Veins and replacement deposits.


AURORA. Au, Ag.

(Cambridge, Esmeralda)

Near the California-Nevada State boundary line on the east slope of the Sierra Nevada Mountains, 30 miles southwest of Hawthorne and 5 miles south of Fletcher.

Tertiary volcanics.

Vein deposits.


Clark, H. G., Aurora, Nevada: Sch. of Mines Quarterly 3: 123-6, 1892.


Gianella, V. P., Nevada's common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (36): 48 (tetrachlrite), 60 (native gold), 1941.


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Biennial report of the state mineralogist of the State of Nevada for the years 1873 and 1874: 19, Carson City: 1875.

BASALT (See BUENA VISTA)

BELL (See CEDAR MOUNTAIN)

BELLEVILLE (See CANDERALIA)

BLACK MOUNTAIN (See SILVER STAR)

BOVARD. Au, Ag, Mn, Cu, Pb.
(Copper Mountain, Rand)

On the east slope of the Gabbs Valley Range, 27 miles southeast of Schurz and 22 miles northeast of Hawthorne.

Tertiary volcanics.

Veins and replacement deposits.

Gianella, V. P., Nevada's common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (96): 81 (alunite), 1941.


Schrader, F. C., Alunite in Patagonia, Arizona, and Bovard, Nevada: Econ. Geol. 8: 752-677, 1913.


BROKEN HILLS. Fluorite, Ag, Pb, Au.
(Quartz Mountain)


Volcanic tuff capped by basalt and underlain by andesite.

Veins.

Gianella, V. P., Nevada's common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (96): 64 (enbollite), 67 (fluorite), 1941.


BUCKLEY (See WALKER LAKE)

BUENA VISTA. Au, Ag, Pb, Cu, Zn, Hg, W.
(Basalt, Mount Montgomery, Ocoa, Queens)


Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1871 and 1872: 38-40, Carson City: 1873.

Biennial report of the state mineralogist of the State of Nevada for the years 1875 and 1876: 19-20, Carson City: 1875.

Biennial report of the state mineralogist of the State of Nevada for the years 1877 and 1878: 35-7, Carson City: 1877.

CAMBRIDGE (See AURORA)

CANDERALIA. Au, Ag, Pb, Cu, Ni, Variscite, Turquoise.
(Belleville, Columbus)

In the Canderalia hills near the boundary line between Esmeralda and Mineral Counties, 53 miles northwest of Tonopah via Nevada State Highway 3, and 6 miles northwest of Columbus Marsh.

Paleozoic and Mesozoic sediments, grayitic intrusives and Tertiary volcanics.

Veins and replacement deposits.


Gianella, V. P., Nevada's common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (36): 51 (jamesonite), 69 (serpentine), 73 (smithsonite), 74 (hemimorphite), 1941.


Report of the mineralogist of the State of Nevada for the years 1869 and 1870: 105, Carson City: 1871.

Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1871 and 1872: 34–40, Carson City: 1873.

Biennial report of the state mineralogist of the State of Nevada for the years 1873 and 1874: 20–21, Carson City: 1875.

Biennial report of the state mineralogist of the State of Nevada for the years 1875 and 1876: 34–5, Carson City: 1877.


CAT CREEK (See WALKER LAKE)

CEDAR MOUNTAIN. Ag, Pb, Zn, Au, Hg, Diamm.ite.
(Bell, Omco, Simio)

On the northern part of the Cedar Mountains, 22 miles northeast of Mina near the Nye County boundary line.

Triassic limestone, granitic intrusive, and Tertiary volcanics.

Bibliography of Geologic Literature of Nevada

EAST WALKER. Au, Ag. (Mount Grant)
On the west slope of the Wassuk Range, 10 miles northwest of Hawthorne and 31 miles southeast of Yerington. Mount Grant in southern part of district.

ESMERALDA (See AURORA)

FITTING (See ACME)

GARFIELD. Au, Ag, Cu, Pb, Marble.
In the central portion of the Garfield Hills, six miles south of Naune on Nevada State Highway 3.
Mesozoic sediments, volcanics and granite intrusives.
Vein deposits.
Gianella, V. P., Nevada's common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (36): 56 (native silver), 1941.

GOLD RANGE (See SILVER STAR)

GRANITE. Au, Ag, Pb, Cu. (Mountain View, Reservation)
On the north end of the Wassuk (Walker River) Range, eight miles northwest of Schurz.
Granite and Tertiary volcanics.

HAWTHORNE. Pb, Ag, Au, Cu, W, Barite, Gypsum. (Lucky Boy,FMLico)
Three miles south of Hawthorne including the east slope of the Wassuk (Walker River) Range and the west end of the Garfield hills.
Paleozoic and Mesozoic sediments intruded by granite and diorite.
Veins, contact-metamorphic, replacement, and placer deposits.
Gianella, V. P., Nevada's common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (36): 79 (barite), 84 (gypsum), 87 (anhydrite), 89 (tetrahedrite), 1941.

HOT SPRINGS (See EAGLEVILLE)

KINGCRO (See ACME)

LUCKY BOY (See HAWTHORNE)

LUNING (See SANTA FE)

MARIETTA (See SILVER STAR)

MINA (See SILVER STAR)
PILOT MOUNTAINS. Hg, Ag, Au, Pb, W, Turquoise. (Sodaville).
The southern part of the Pilot Mountains east of Sodaville near the Esmeralda County boundary.
Paleozoic sediments intruded by granodiorite, capped by Tertiary volcanics.
Veins, contact-metamorphic and replacement deposits.
Gianella, V. P., Nevada's common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (36): 49 (atbite), 77 (zeolites), 1941.

QUEENS (See BUENA VISTA)
RAND (See BOVARD)

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RAWHIDE. Au, Ag, Cu, Pb, W, Hg. (Regent)
On the south end of the Sandy Springs Range near the south boundary of Churchill County, 28 miles east of Schurz.
Tertiary volcanics.
Veins and placer deposits.
Gianella, V. P., Nevada's common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (36): 50 (cerargyrite), 1941.
Rogers, A. F., Orthoclase-bearing veins from Rawhide, Nevada, and Weehawken, New Jersey: Econ. Geol. 6: 710-8, 1911.

REGENT (See RAWHIDE)

RESERVATION (See GRANITE)

RHODES MARSH. Borax, Salines. (Virginia Marsh)
On the east side of U. S. Highway 33, three miles south of Sodaville.
Salt marsh.
Gianella, V. P., Nevada's common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (36): 58 (theudrite), 54 (halite), 86 (borax), 87 (ulexite, mirabilite), 1941.
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Lincoln, F. C., Mining districts and mineral resources of Nevada: 152, Nev. 

Raymond, R. W., Mining industry of states and territories of the Rocky Moun-

11: 85, 1885.

White, A. F., Report of the mineralogist of the State of Nevada for the years  

Whitfield, J. E., Analyses of natural borates and borosilicates: U. S. Geol. 
Survey Bull. 55: 58-9 (analysis of uixlite), 1889; also in U. S. Geol. 

Young, G. J., Potash salts and other sulfates in the Great Basin region: U. S. 

SANTA FE. Au, Ag, Cu, Pb, Sh, Barite. 
(Luning)

On the west slope of the Gabbys Valley Range, a few miles east of Luning. 
Triassic sediments, granite intrusives, and Tertiary volcanics.

Clark, C. W., Geology and ore deposits of the Santa Fe district, Mineral County,  

Ferguson, H. G., The mining districts of Nevada: Econ. Geol. 24 (2): 115, 
1929.

Gianella, V. P., Nevada's common minerals: Univ. Nev. Bull. 35 (8), Geol. and 
Min. ser. (36): 63 (jarosite), 64 (sulfur), 72 (zincite), 80 (wollybite), 
1941.

Bull. 507: 200, 1912.

Some mining districts in northeastern California and northwestern Nevada: 

Lincoln, F. C., Mining districts and mineral resources of Nevada: 153-4, Nev. 

Press 81: 401, 1900.


Schrader, F. C., Stone, R. W., and Sanford, Samuel, Useful minerals of the 

SILVER DYKE (See SILVER STAR)

SILVER STAR. Au, Ag, Cu, Pb, W. 
(Black Mountain, Gold Range, Marietta, Mina, Silver Dyke)

In Excelsior Mountains, southwest of Mina, S. P. R. R. 
Mesozoic sediments, intruded and capped by volcanic rocks.

Vehns, contact metamorphic.

Ferguson, H. G., The mining districts of Nevada: Econ. Geol. 24 (2): 115, 
1929.

SODAVILLE (See PILOT MOUNTAINS)

SULPHIDE. Au, W.

Three miles east of Whisky Springs and 18 miles southeast of Hawthorne.

Lincoln, F. C., Mining districts and mineral resources of Nevada: 155-6, Nev. 

TEELS MARSH. Borax, Salt.

In southern Mineral County south of Marietta, 26 miles southeast of Mina.

Brown, J. R., Reports on the mineral resources of the United States: (for 

Free, E. C., The topographic features of the desert basins of the United States 
Bull. 54: 32, 1914.

Gianella, V. P., Nevada's common minerals: Univ. Nev. Bull. 35 (8), Geol. and 
Min. ser. (36): 86 (borax), 1941.


Lincoln, F. C., Mining districts and mineral resources of Nevada: 156, Nev. 
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White, C. F., Report of the state mineralogist of Nevada for the years 1867 and 1868: 28 (salt), Carson City: 1869.

Whitehill, H. B., Bicennial report of the state mineralogist of the State of Nevada for the years 1873 and 1874: 24-5, Carson City: 1875.


TELEPHONE CANYON. Au.

On the west side of the Pilot Mountains in southeastern Mineral County, five miles east of SodaVille. Placer deposits.


VIRGINIA MARSH (See RHODES MARSH)

WALKER LAKE. Au, Ag, Cu.

(Cat Creek, Buckley)

On the east slope of the Walker River or Wassuk Range, five miles north of Hawthorne. Granodiorite.

Veins.


WHISKY FLAT. Cu, Ag, Au.

At the south end of Whisky Flint, on the north slope of the Excelsior Mountains, 20 miles south of Hawthorne. Granite and limestone. Veins.


Bibliography of Geologic Literature of Nevada

NYE COUNTY

GENERAL


ANTELOPE SPRINGS. Au, Ag.


Veins.


ARROWHEAD. Ag, Au.


Veins, replacements.


ASH MEADOWS. Clay.


ATHENS. Au, Ag.

In northeast portion of Cedar Mountain and 30 miles by road northeast of Mina on the S. P. R. R. Tertiary volcanics and Ineudrite deposits.

Veins.


ATWOOD (See FAIRPLAY)
BIBLIOGRAPHY OF GEOLOGIC LITERATURE OF NEVADA

BARCELONA (See BELMONT)

BARE MOUNTAIN (See FLUORINE)

BEATTY (See FLUORINE)

BELLEHELEN. An. Ag.
(Longstreet)

In the north end of Kawich Range and 50 miles east of Tonopah, T. & G. R. R.
Tertiary volcanics.

Hill, J. M., The mining districts of the western United States: U. S. Geol. Surve-

Lincoln, F. C., Mining districts and mineral resources of Nevada: 159-160.

Nolan, T. B., Mineral resources of the region around Boulder Dam: U. S. Geol.
Survey Bull. 571: 69 (gold), 1936.

Schrader, F. C., Stone, R. W., and Sanford, Samuel, Useful minerals of the

Spurr, J. E., Descriptive geology of Nevada south of the forty‖th parallel and
adjacent portions of California: U. S. Geol. Survey Bull. 208: 181
(Kawich Range), 1903.


BELMONT. Ag, Pb, Cu, Hg, Au, Mo.
(Spanish Belt, Barcelona, Philadelphia, Silver Bend)

On the southeast flank of the Toquima Range, 50 miles north-northeast of
Tonopah, and 15 miles northeast of Manhattan.

Pleocene sediments cut by granite.

Veins.

Becker, G. F., Geology of the quicksilver deposits of the Pacific slope: U. S.
Geol. Survey Mon. 13, 385, 1888.

Browne, J. R., and Taylor, J. W., Reports upon the mineral resources of the

Reports on the mineral resources of the United States: (for 1897), 402, 404,

Emmons, S. F., Report of the geological exploration of the forty‖th parallel (3):

Ferguson, H. G., The mining districts of Nevada: Econ. Geol. 24 (2): 125,
1929.

Gianella, V. P., Nevada's common minerals: Univ. Nev. Bull. 33 (6), Geol. and
Min. ser. (39): 53 (molybdenite), 1941.

Hill, J. M., The mining districts of the western United States: U. S. Geol. Sur-
vey Bull. 507: 220, 1912.

Hunt, S. F., Mining geology outlined: 3 (Mackay School of Mines, reprinted
from Salt Lake Mining Review), 1886.

Lincoln, F. C., Mining districts and mineral resources of Nevada: 100-161,

Raymond, W. W., Mineral resources of the states and territories west of the
Rocky Mountains: (for 1895), 100-110, Govt. Printing Office, Washing-
ton: 1888.

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Rocky Mountains: (for 1870), 128-130, Govt. Printing Office, Washin-
gton: 1871.

Statistics of mines and mining in the states and territories west of the
Rocky Mountains: (for 1871), 141-52, Govt. Printing Office, Washin-
gton: 1872.

Mining industry of states and territories of the Rocky Mountains: (for

Statistics of mines and mining in the states and territories west of the
Rocky Mountains: (for 1873), 230-3, Govt. Printing Office, Washington:
1874.

Statistics of mines and mining in the states and territories west of the
Rocky Mountains: (for 1874), 279-280, Govt. Printing Office, Washing-
ton: 1875.

Statistics of mines and mining in the states and territories west of the
Rocky Mountains: (for 1875), 415, Govt. Printing Office, Washington:
1876.

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portions of California: U. S. Geol. Survey Bull. 208: 90-93 (Toquima
Range), 1908.

Stretch, R. H., Nevada state mineralogist's report for 1886: 62, Carson City:
1887.


White, A. F., Report of the state mineralogist of Nevada for the years 1867
and 1868: 70-73, Carson City: 1869.

Report of the mineralogist of the State of Nevada for the years 1899 and
1870: 90, Carson City: 1871.

Whitehill, H. R., Biennial report of the state mineralogist of the State of
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Biennial report of the state mineralogist of the State of Nevada for the
years 1873 and 1874: 67-70, Carson City: 1873.

Biennial report of the state mineralogist of the State of Nevada for the
years 1875 and 1876: 102-4, Carson City: 1877.

Biennial report of the state mineralogist of the State of Nevada for the
years 1877 and 1878: 80-90, San Francisco: 1879.

BERLIN (See UNION)

BIG DUNE (See LEE)

BLACK SPRING. Diatomaceous earth.

Near Black Springs at south end of Ione Valley, 48 miles northwest from Tono-
pah, T. & G. R. R.

Lincoln, F. C., Mining districts and mineral resources of Nevada: 161, Nev.

BLAKES CAMP (See GOLDEN ARROW)
Bibliography of Geologic Literature of Nevada

BRUCITE (See PARADISE RANGE)

BRUNER, Au, Ag.
(Phenolite)

In the north end of the Paradise Range, 60 miles northeast of Luning, S. P. R. R.
Rhyolite and andesite.
Veins.
Lincoln, F. C., Mining districts and mineral resources of Nevada: 101-163.

BULLFROG. Au, Ag, Cu, Pb, Hg.
(Beatty, Pioneer, Elyhotite)

Near Beatty on U S 95.
Tertiary volcanics.
Veins.
Gianella, V. P., Nevada’s common minerals: Univ. Nev. Bull. 33 (6), Geol. and Min. ser. (36): 60 (native gold), 67 (flourite), 81 (alunite), 1941.
Lincoln, F. C., Mining districts and mineral resources of Nevada: 162-163.

BUTTERFIELD MARSH. Salt, Soda, Potash.
(Railroad Valley Marsh)

In Railroad Valley, 18 miles southwest of Current, U S 6.

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Gianella, V. P., Nevada’s common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (36): 84 (kaolinite, halite), 86 (trona), 1941.

CACTUS SPRINGS. Au, Ag, Alunite.

In the Cactus Range, 24 miles east of Goldfield, T. & G. R. R., at the northwest end of the Cactus Range.
Tertiary volcanics.
Veins, replacements.

CARRARA. Au, W, Marble.
On west side of Bare Mountain and ten miles south of Beatty.

CLARKDALE (See TOLICHA)

CLIFFORD. Au, Ag.

About thirty-five miles east of Tonopah, T. & G. R. R.
Tertiary volcanics.
Veins.
Bibliography of Geologic Literature of Nevada


CLOVERDALE. Au, Ag, Pb, Cu. (Golden Republic)

Thirty miles east of Mina, S. P. R. R., 40 miles northwest of Tonopah. Tertiary volcanics.

Veins, placers.


CURRANT. Au, Pb, Cu.

East of Carraní in the White Pine Range. Limestone.

Veins.


DANVILLE. Au, Ag.

in the Monitor Range in northern Nye County. Limestone.

Veins.


EDEN. Au, Ag. (Eden Creek, Gold Belt)


Veins.


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EDEN CREEK (See EDEN)


Giannella, V. P., Nevada’s common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (36) : 62 (jarosite), 1941.


Stuart, F. E., Nevada’s mineral resources: 92, Carson City: 1909.

ELLISWORTH (See PARADISE RANGE and LODI)

FAIRPLAY. Au, Ag, W, Cu, Pb. (Atwood, Goldyke)

In the Paradise Range, 32 miles northeast of Luning, S. P. R. R. Granite. Veins.


Stuart, F. E., Nevada’s mineral resources: 92-3, Carson City: 1909.

FLUORINE. Fluorite, Au, Ag, Hg, Kaolin, Clay. (Bare Mountain, Telluride, Beatty)

On Bare Mountain immediately east of Beatty. Paleozoic sediments intruded by quartz monzonite and pegmatites. Tertiary volcanics. Veins.


Giannella, V. P., Nevada’s common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (36) : 41 (staurolite), 65 (kyanite), 67 (fluorite), 81 (alunite), 84 (kaolinite), 1941.
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GOLD PARK (See JACKSON)

GOLD REED (See KAWICH)

GRANITE (See LODI)

GRANTSVILLE (See UNION)

GREEN ISLE (See JEFFERSON CANYON)

HANNAHAN. Au, Ag, Hg.
(Silver Zone, Volcano)

Twenty miles east of Tonopah, T. & G. R. R.

Veins.


HOT CREEK (See TYBO)

IONE (See UNION)

IRWIN CANYON (See TROY)

JACKSON. Au, Ag, Cu, Pb.
(Gold Park)

Forty-four miles southeast of Austin, partly in Lander County.
Paleozoic sediments, granite porphyry and Tertiary volcanics.

Veins.


JAMESTOWN (See WELLINGTON)
Bibliography of Geologic Literature of Nevada

JEFFERSON CANYON. Au, Ag.
(Concordia, Green Isle)
Paleozoic sediments, intrusive granite and Tertiary volcanics.
Veins.
Stuart, E. E., Nevada's mineral resources: 84, Carson City: 1906.
Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1871 and 1872: 106-7, Carson City: 1873.
Biennial report of the state mineralogist of the State of Nevada for the years 1873 and 1874: 70-72, Carson City: 1875.
Biennial report of the state mineralogist of the State of Nevada for the years 1875 and 1876: 105-6, Carson City: 1877.
Biennial report of the state mineralogist of the State of Nevada for the years 1877 and 1878: 91, San Francisco: 1879.

JETT. Ag, Pb, Zn.
In Jett Canyon on east flank of the Toiyabe Range, 50 miles north of Tonopah, T. & G. R. R.
State and limestone.
Veins.
Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1875 and 1876: 106, Carson City: 1867.

JOHNNIE. Au, Ag, Pb.
In the northwest end of the Spring Mountain Range.
Paleozoic sediments.
Veins, placers.

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KA WICH. Au, Hg.
(Gold Reed)
In the Kawich Range, five miles north of Quartzite Mountain and 54 miles east of Goldfield, T. & G. R. R.
Monzonite porphyry and rhyolite.
Veins.

KEYSTONE (See TYBO)

LEE. Au, Cu.
(Big Dune)
Twenty miles south of Beatty in the Amargosa Desert.
Cambrian sediments.
Veins.
Gianella, V. P., Nevada's common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (36): 54 (azurite), 1941.

LEXINGTON (See LODI)

LODI. Ag, Au, Pb, Cu, W.
(Mammoth, Lexington, Marble, Granite)

On the west flank of the Paradise Range, 45 miles north-northeast of Luning. S. P. R. R.
Granite and limestone.

VEINS.

Whitehill, H. R., Biennial report of the state mineralist of the State of Nevada for the years 1871 and 1872: 108, Carson City: 1873.
Biennial report of the state mineralist of the State of Nevada for the years 1873 and 1874: 78, Carson City: 1875.
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Biennial report of the state mineralist of the State of Nevada for the years 1877 and 1878: 87-8, San Francisco: 1879.

LONGSTREET (See BELLEHELEN)

MAMMOTH (See LODI)

MANHATTAN. Au, Ag, As, Sb, Pb, W.
In the Toquima Range, 45 miles north of Tonopah, T. & G. R. R.
Paleozoic sediments cut by granite and diorite and capped by Tertiary volcanics.
VEINS. replacements and placer deposits.

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Geology and ore deposits of the Manhattan district, Nevada: U. S. Geol. Survey Bull. 723, 125, 1924.
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Gianelli, V. P., Nevada's common minerals: Univ. Nev. Bull. 35(6), Geol. and Min. ser. (36): 44 (dmotterlrite), 49 (stibnite), 51 (arsenopyrite), 59 (realgar), 67 (fluorite), 70 (stibicnite), 1941.
Spurr, J. E., Descriptive geology of Nevada south of the fortieth parallel and adjacent portions of California: U. S. Geol. Survey Bull. 258: 90-93 (Toquima Range), 1903.
Stuart, E. F., Nevada's mineral resources: 88, Carson City: 1908.

MARBLE (See LODI)

MILLETT. Au, Ag, Pb, Cu.
(North Twin River)

On the east flank of Toquima Range, 105 miles north of Tonopah, T. & G. R. R. Limestone and slate.
VEINS. pockets.
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Report of the mineralogist of the State of Nevada for the years 1869 and 1870: 89, Carson City: 1871.
Whitehill, H. R., Biennial report of the state mineralogist of Nevada for the years 1871 and 1872: 106, Carson City: 1873.
Biennial report of the state mineralogist of the State of Nevada for the years 1873 and 1874: 72, Carson City: 1875.

MONTE CRISTO (See TOLICHA)

MOREY, Ag, Au, Pb.
In Hot Creek Range about 100 miles northeast of Tonopah on the T. & G. R. R., and 30 miles northeast of Tybo.
Granite.
Veins.


Report of the mineralogist of the State of Nevada for the years 1869 and 1870: 81, Carson City: 1871.
Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1871 and 1872: 110, Carson City: 1873.
Nevada for the years 1871 and 1872: 110, Carson City: 1873.
Biennial report of the state mineralogist of the State of Nevada for the years 1873 and 1874: 72, Carson City: 1875.
Biennial report of the state mineralogist of the State of Nevada for the years 1873 and 1874: 72, Carson City: 1875.

NORTH TWIN RIVER (See MILLETT)

NORTHUMBERLAND. Au, Ag.
In the northern part of the Toquima Range about 30 miles southeast of Austin. Granite and limestone.
Veins and replacement deposits.

Report of the mineralogist of the State of Nevada for the years 1869 and 1870: 89, Carson City: 1871.

NYALA (See TROY)

OAK SPRINGS. Au, Ag, Cu, W, Mo, Pb.
In the Beldor Range, 30 miles north of Yucca Pass and 90 miles southwest of Caliente, U. P. R. R.
Paleozoic sediments cut by granite. Also Tertiary volcanics.
Veins and pyrometasomatic deposits.

Gleannella, Y. P., Nevada's common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. serv. (36): 53 (molybdenite), 54 (malachite), 68 (chrysocolla), 70 (scheelite), 79 (cerussite), 80 (powellite), 1941.

O'BRIENS (See WELLINGTON)

PARADISE RANGE. Brucite, Magnetite, W. (Brucite, Gabbis)
In the Paradise Range, 35 miles north of Luning. Triassic dolomite intruded by granodiorite.
Replacement deposits.


White, A. F., Report of the state mineralogist of Nevada for the years 1867 and 1868: 77-8, Carson City: 1869.

Report of the mineralogist of the State of Nevada for the years 1869 and 1870: 92, Carson City: 1871.

Whitmore, R. B., Biennial report of the state mineralogist of the State of Nevada for the years 1871 and 1872: 110-1, Carson City: 1873.

Biennial report of the state mineralogist of the State of Nevada for the years 1873 and 1874: 74, Carson City: 1875.

Biennial report of the state mineralogist of the State of Nevada for the years 1875 and 1876: 109-110, Carson City: 1877.

Biennial report of the state mineralogist of the State of Nevada for the years 1877 and 1878: 91, San Francisco: 1879.

RHYOLITE (See BULLFROG)

ROUNDBALL MOUNTAIN. Au, Ag, Pb, W.


Veins and placers.


The mining districts of Nevada: Econ. Geol. 24 (2): 1929.


Bibliography of Geologic Literature of Nevada


Stuart, E. E., Nevada's mineral resources: 11, Carson City: 1900.


BOYSTON (See SAN ANTONE)

SAN ANTONE. Ag, Au, Pb, Cu.
(San Antonio, Royston)


Veins.


Report of the mineralogist of the State of Nevada for the years 1869 and 1870: 89, Carson City: 1871.

Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1871 and 1872: 97, Carson City: 1873.

Biennial report of the state mineralogist of the State of Nevada for the years 1873 and 1874: 78, Carson City: 1875.

Biennial report of the state mineralogist of the State of Nevada for the years 1875 and 1876: 109, Carson City: 1877.

SAN ANTONIO (See SAN ANTONE)

SILVER BEND (See BELMONT)

SILVERBOW. Au, Ag.

In the Kawich Range, 38 miles east of Tonopah, T. & G. R. R. Tertiary volcanics.

Veins.


TOLLICHA. Au, Ag.
(Clarckdale, Monte Cristo)

In Pahute Mesa, 26 miles north of Beatty. Tertiary rhyolite.

Veins.


TONEPAH. Ag, Au, Pb, Cu, W.


Veins, replacement deposits.
Bibliography of Geologic Literature of Nevada


The halogen salts of silver and associated minerals at Tonopah, Nevada: Econ. Geol. 6, 13-21, 1911; Correction in Econ. Geol. 12: 596, 1917.


Gianella, V. P., Nevada's common minerals: Univ. Nev. Bull. 35 (6), Geol. and Mine. ser. (38): 46 (argentite), 50 (native silver), 56 (cerargyrite), 58 (pyrargyrite), 58 (proustite), 60 (native gold), 70 (wulfenite), 72 (rhodonite), 1941.


Locke, Augustus, Four famous mining compared: Eng. & Min. Jour. 92: 505-6, 1911.


Faulting at Tonopah, Nevada: (Abst.) Science, n. s. 19: 921-2, 1904.


Geology and ore deposition at Tonopah, Nevada: Econ. Geol. 10: 713-719, 1915.


TRAPPOMANS. Ag, Au.

In Palute Mesa, 40 miles east-southeast of Goldfield, T. & G. R. R. Granite.

Veins.


TROY. Ag, Au, Pb.

(Irwin Canyon, Nyala)

In the Grant Range, about 30 miles south of Currant Post Office, U S 6.

Sedimentary rocks.

Veins.
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Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1871 and 1872: 106, Carson City: 1873.

Biennial report of the state mineralogist of the State of Nevada for the years 1873 and 1874: 78, Carson City: 1875.

Biennial report of the state mineralogist of the State of Nevada for the years 1875 and 1876: 108, Carson City: 1877.

TWIN RIVER. Ag. On the east slope of the Toiyabe Range, 50 miles south of Austin.

Studies.


Spurr, J. E., Descriptive geology of Nevada south of the forty-ninth parallel and adjacent portions of California: U. S. Geol. Survey Bull. 208: 84-7 (Toiyabe Range), 1903.


Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1871 and 1872: 106, Carson City: 1873.

Biennial report of the state mineralogist of the State of Nevada for the years 1873 and 1874: 78, Carson City: 1875.

Biennial report of the state mineralogist of the State of Nevada for the years 1875 and 1876: 108, Carson City: 1877.

TYBO. Ag, Au, Pb, Cu, Sb, Mn. (Hot Creek, Keystone) In the Hot Creek Range, 70 miles northeast of Tonopah, T. & G. R. R. Paleozoic sediments and Tertiary volcanics.

Veins and replacement deposits.


Spurr, J. E., Descriptive geology of Nevada south of the forty-ninth parallel and adjacent portions of California: U. S. Geol. Survey Bull. 208: 84-7 (Hot Creek Range), 1903.


Stuart, E. E., Nevada's mineral resources: 7, Carson City: 1900.


Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1871 and 1872: 106, Carson City: 1873.
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Biennial report of the state mineralogist of the State of Nevada for the years 1873 and 1874: 73-4, Carson City: 1875.
Biennial report of the state mineralogist of the State of Nevada for the years 1875 and 1876: 104-9, Carson City: 1877.
Biennial report of the state mineralogist of the State of Nevada for the years 1877 and 1878: 91-2, San Francisco: 1879.

UNION. Eg, Au, Ag, Zn, Cu, W. (Berlin, Grantsville, Ione).
Sixty miles southwest of Austin on the west slope of the Shoshone Mountains. Carboniferous sediments and Tertiary volcanics.

Velns and placers.

Report of the mineralogist of the State of Nevada for the years 1869 and 1870: 80, Carson City: 1871.
Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1871 and 1872: 107, Carson City: 1873.
Biennial report of the state mineralogist of the State of Nevada for the years 1873 and 1874: 78, Carson City: 1875.
Biennial report of the state mineralogist of the State of Nevada for the years 1875 and 1876: 108-9, Carson City: 1877.
Biennial report of the state mineralogist of the State of Nevada for the years 1877 and 1878: 88-9, San Francisco: 1879.

VOLCANO (See HANNAH)

WAHMINIE. Ag, Au.
On Shoshone Mountain, 30 miles east of Beatty and 5-10 miles west of Yucca Pass.

Velns.

WASHINGTON. Ag, Pb.
In the Toiyabe Range, 28 miles south-southwest of Austin. Paleozoic sediments.
White, A. F., Report of the state mineralogist of Nevada for the years 1869 and 1870: 89, Carson City: 1871.

WELLSBURG. Au, Ag.
Thirty miles southeast of Goldfield and 20 miles east of Cuprite. Tertiary volcanics.

Velns.
Gianella, V. P., Nevada's common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (56): 53 (chalcopyrite), 66 (iodine), 75 (zoisite), 1941.
WILLLOW CREEK. Au, Ag. Ca.
In the Quinn Canyon Range, near the south end of Railroad Valley, 90 miles southwest of Elko and 90 miles east of Tonopah, T. & G. R. R.
Spurr, J. E., Descriptive geology of Nevada south of the fortieth parallel and adjacent portions of California: U. S. Geol. Survey Bull. 208: 68–76 (Quinn Canyon and Grant Ranges), 1903.

WILSONS. Ag, Au.
Thirty-eight miles east-southeast of Goldfield, T. & G. R. R.
Tertiary volcanics.
Veins.

ORMSBY COUNTY
GENERAL REFERENCES

CARSON CITY. Sandstone, Au, Ag, Cu, W.
Portion of Eagle Valley east and north of Carson City, including the foothills at the south end of the Virginia Range.
Stretch, R. H., Nevada state mineralogist’s report for 1866: 19, Carson City: 1867.
Whitehill, H. R., Bicennial report of the state mineralogist of the State of Nevada for the years 1871 and 1872: 116, Carson City: 1873.

DELAWARE. Cu, Au, Ag, Fe, Pb, Barite.
(Sullivan)
On the east side of the Carson River, four miles east of Carson City.
Gianella, V. P., Nevada’s common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. sec. (38): 79 (barite), 1941.
Stretch, R. H., Nevada state mineralogist’s report for 1880: 18, Carson City: 1887.
Stuart, R. E., Nevada’s mineral resources: 149, Carson City: 1909.

EAGLE VALLEY (See VOLTAIRE)
ELDORADO CANYON (See LYON COUNTY)
SULLIVAN (See DELAWARE)

VOLTAIRE. Ag, Au, Cu, As, Graphite.
(Washoe, Eagle Valley)
West of Carson City on the east slope of the Sierra Nevada Mountains. Sedimentary rocks intruded by granodiorite.
Gianella, V. P., Nevada's common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (36): 50 (graphite), 76 (microcline), 77 (zeolites), 1941.

WASHOE (See VOLTAIRE)

PERSHING COUNTY

GENERAL REFERENCE

ALBACHE (See IRON HAT)

AMERICAN (See SPRING VALLEY)

AMERICAN CANYON (See ROCHESTER)

ANTELOPE. Pb, Ag, Zn, Au, Cu, Hg, As, Sh.
(Cedar, Majuba Hill)

ANTELOPE SPRINGS (See RELIEF)

ARABIA (See TRINITY)

BLACK KNOB. Sh.
Near Black Knob in the Humboldt Range, 15 miles east of Lovelock.
Jurassic calcareous shale and Tertiary volcanics.
Veins.

BLOODY CANYON. Sh.

BUENA VISTA (See UNIONVILLE)

CEDAR (See ANTELOPE)

CENTRAL (See MILL CITY)
Bibliography of Geologic Literature of Nevada

CHAFEY (See SIERRA)

COPPER VALLEY (See RAGGED TOP)

DUN GLEN (See SIERRA)

ECHO (See BYE PATCH)

ELDORADO (See HUMBOLDT)

FARRELL. Au. (Stone House)

In the Seven Troughs Mountains, 31 miles northwest of Lovelock, S. P. R. R. Tertiary rhyolite.
Veins and lenses.


FITTING (See SPRING VALLEY)

GOLDBANKS. Hg. Au, Ag.

On the east slope of the East Range south of the divide between Grass and Pleasant valleys, 40 miles south of Winnemucca, S. P. R. R.
Quartz porphyry.
Replacement deposits.

Ir wrong, R. M., The geochemistry of quicksilver mineralization: Econ. Geol. 35 (2): 140-157, 1940.


Lincoln, F. C., Mining districts and mineral resources of Nevada: 206-206.


HAYSTACK. Au.

Near Haystack Butte and the Humboldt County line, seven miles south of Jumbo, W. P. R. R., and 22 miles northwest of Inlay by road.
Granite and quartzite.
Veins.

Bibliography of Geologic Literature of Nevada


Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1871 and 1872: 52–5, Carson City: 1873.

Biennial report of the state mineralogist of the State of Nevada for the years 1873 and 1874: 52–3, Carson City: 1875.

Biennial report of the state mineralogist of the State of Nevada for the years 1875 and 1876: 66, Carson City: 1877.

IMLAY (See HUMBOLDT)

INDIAN. Ag, Au.

Indian Canyon, on the east flank of the Humboldt Range, about 14 miles east of Oregon.

Placers, veins.


Stretch, R. H., Nevada state mineralogist’s report for 1866: 52, Carson City: 1867.


Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1873 and 1874: 49–50, Carson City: 1875.

Biennial report of the state mineralogist of the State of Nevada for the years 1875 and 1876: 63–4, Carson City: 1877.

IRON HAT. Pb, Ag, Cu.

(Aldrich)

On the east slope of the Sonoma Range, 20 miles southwest of Valmy.

Replacement in limestone.


JERSEY. Ag, Pb, Hg.

In the Fish Creek Mountains near the Lander County line, 43 miles southwest of Battle Mountain, S. P. R. R.

Quartzite and porphyry.

Veins.

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Glanella, V. P., Nevada’s common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (36) : 79 (carmelite), 1941.


Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1873 and 1874: 52, Carson City: 1875.

Biennial report of the state mineralogist of the State of Nevada for the years 1875 and 1876: 82–3, Carson City: 1877.

JUNIPER RANGE. W, Cu, Ag, Au.

On the east slope of the Shastina Mountains, 20 miles west of Toy, S. P. R. R. Sediments intruded by quartz diorite.

Contact metamorphic deposits.


KENNEDY. Au, Ag, Pb.

In the East Range on the east slope of Granite Peak, 52 miles by road southwest of Winnemucca, S. P. R. R., W. P. R. R.

Trinastic sediments, granitic intrusives, and Tertiary volcanics.

Veins.


Bibliography of Geologic Literature of Nevada

LOERING (See WILLARD)

LOVELOCK. Niter.
(Also see Lake District, Churchill County)
Ten miles south of Lovelock, S. P. R. R.

MAJUBA HILL (See ANTELOPE)

MILL CITY. W, Ag, Cu.
(Central)
Seven miles northwest of Mill City, S. P. R. R., on the southeast slope of Eugene Mountains.
Sediments intruded by porphyritic rocks and granodiorite.
Replacements, contact metamorphic deposits.
Gianella, V. P., Nevada's common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (36): 70 (scheelite), 80 (powellite), 1941.
Mining industry of states and territories west of the Rocky Mountains: (for 1872), 156, Govt. Printing Office, Washington: 1873.
Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1871 and 1872: 54, Carson City: 1873.
Biennial report of the state mineralogist of the State of Nevada for the years 1873 and 1874: 52, Carson City: 1875.

MINERAL BASIN. Ag, Hg, Pb, Cu, Scheelite.
Near the Churchill County line, 25 miles southeast of Lovelock, S. P. R. R.
Triassic sediments, granitic intrusives, Tertiary volcanics and lacustrine sediments.

MUTTLEBERRY. Ag, Pb, Cu, Scheelite.
In the Humboldt Range on Mittleberry Canyon, nine miles by road south of Lovelock, S. P. R. R.
Triassic and Jurassic sediments capped by Tertiary volcanics in places.

NIGHTINGALE. W.
On the east side of Winnemucca Lake, in the Nightingale Range, 52 miles west-southwest of Lovelock.
Sediments and quartz monzonite.
Contact metamorphic deposits.
Gianella, V. P., Nevada's common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (36): 43 (garnet), 53 (pyrrhotite), 70 (scheelite), 75 (zolite), 76 (zeolites), 80 (powellite), 1941.

OREANA. Dumortierite, Scheelite.
On the west slope of the Humboldt Range, six miles east of Oreana, S. P. R. R.
Gianella, V. P., Nevada's common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (36): 42 (andalusite), 44 (dumortierite), 45 (beryl), 75 (zolite), 1941.
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Tungsten mineralisation at Oreaana, Nevada: Econ. Geol. 23 (4): 390-427, 1928.


**ORO FINO (See SIERRA)**

**PLACERITES, Au, Cu.**

In the low hills on the east slope of the Kama Mountains, 47 miles north of Lovelock, S. P. R. R., and 30 miles west of Mill City.

Placer deposits.


**PRINCE ROYAL (See HUMBOLDT)**

**PLEASANT VALLEY**

Forty miles south of Winnemucca.


**RABBIT HOLE**

In the Kama Mountains, 50 miles north of Lovelock, S. P. R. R. and eight miles northwest of Scossa.

Placer.


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**Bibliography of Geologic Literature of Nevada**

**RAGGED TOP, W. Cu.**

(Copper Valley)

On the west slope of the Trinity Range, 10 miles by road west of Toulon, S. P. R. R.

Limestone, cut by quartz diorite dikes.

Contact metamorphic deposits.


**RELIEF. Hg, Ag, Au, Sb.**

(Antelope Springs)

Between Antelope Springs and Buffalo Peak in the Humboldt Range, 22 miles by road east of Lovelock, S. P. R. R.

Triassic limestone.

Veins.


White, A. E., Report of the mineralogist of the State of Nevada for the years 1869 and 1870: 17-19, Carson City: (silver and antimony), 1871.

Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1871 and 1872: 55, Carson City: 1873.

Biennial report of the state mineralogist of the State of Nevada for the years 1873 and 1874: 54, Carson City: 1875.

**ROCHESTER. Au, Ag, Pb, Cu, Sb.**

(American Canyon)

In the Humboldt Range, nine miles east of Oreaana, S. P. R. R.

Permian volcanics.

Veins and placers.
Bibliography of Geologic Literature of Nevada


R YE PATCH. Ag, Au, Cu, Pb, W, Fluorite, Beryl.
(Echo)

On the west flank of the Humboldt Range, four miles east of Rye Patch station, S. P. R. R.
Limestone cut by diabase dikes.
Veins, contact metamorphic deposits.

In the Kamloops Mountains, 10 miles southeast of Sulphur, W. P. R. R.
Jurassic sediments and Tertiary volcanics.
Veins, placer deposits.

Report of the mineralogist of the State of Nevada for the years 1869 and 1870: 18–19, Carson City: 1871.

Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1873 and 1874: 51, Carson City: 1875.

Biennial report of the state mineralogist of the State of Nevada for the years 1875 and 1876: 67, Carson City: 1877.

Biennial report of the state mineralogist of the State of Nevada for the years 1877 and 1878: 67, San Francisco: 1879.

SACRAMENTO. Ag, Au.

On the west flank of the Humboldt Range, about five miles east of Ormaea, S. P. R. R.

Triassic limestone.

Veins and placer deposits.


SAN JACINTO. Ag, Pb, As.

On the west flank of the Trinity Range, about 10 miles southwest of Humboldt, S. P. R. R.

Salt and granite.


Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1875 and 1876: 66–7, Carson City: 1877.

SANTA CLARA (See STAR)

SAWTOOTH. Au.

(Mandalay)

In the Antelope Range, in northern Pershing County, 12 miles northeast from Scossa by road.


SCOSAA. Au.

On the west slope of the Antelope Range, 28 miles west of Inlay, S. P. R. R. States and schists interbedded with sandstones and limestones.

Veins.


SEVEN TROUGHS. Au, Ag, Cu, Pb.

On the east slope of the Seven Troughs Mountains, 30 miles northwest of Lovelock, S. P. R. R.

Veins in Tertiary volcanics.


SILVER. Au, Ag, Pb, Cu, Graphite.

(Dun Glen, Chayey, Oro Fino, Sunshine)

In the north end of the East Range, 10 miles northeast of Mill City, S. P. R. R. Limestone cut by volcanics.

Veins and placer deposits.


Report of the mineralogist of the State of Nevada for the years 1899 and 1870: 25–6, Carson City: 1871.

Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1871 and 1872: 55–7, Carson City: 1873.

Biennial report of the state mineralogist of the State of Nevada for the years 1873 and 1874: 51, Carson City: 1875.


**SOUTH AMERICAN CANYON**

One mile south of American Canyon.

Placer deposits.


Report of the mineralogist of the State of Nevada for the years 1869 and 1870: 23–5, Carson City: 1871.

Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1871 and 1872: 57, Carson City: 1873.

Biennial report of the state mineralogist of the State of Nevada for the years 1873 and 1874: 59, Carson City: 1875.

Biennial report of the state mineralogist of the State of Nevada for the years 1875 and 1876: 63, Carson City: 1877.

Biennial report of the state mineralogist of the State of Nevada for the years 1877 and 1878: 66, San Francisco: 1877.

Table Mountain (See Churchill County)

Trinity. Ag, Pb, Sb, Au, Ca, W, Hg. (Arabia)

Five miles west of Oreaua, S. P. R. R., on the east flank of the Trinity Range. Granodiorite and Mesozoic sediments.

Venus and contact metamorphic deposits.

Gianella, V. P., Nevada’s common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. serv. (86): 51 (jamesonite), 06 (idocrase), 78 (opal), 1941.


Stretch, R. H., Nevada state mineralogist’s report for 1866: 55, Carson City, 1867.

Stuart, E. E., Nevada’s mineral resources: 120, Carson City: 1909.


Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1874 and 1875: 50–51, Carson City: 1873.

Biennial report of the state mineralogist of the State of Nevada for the years 1875 and 1876: 67, Carson City: 1877.

Biennial report of the state mineralogist of the State of Nevada for the years 1877 and 1878: 66, San Francisco: 1879.

**UNIONVILLE. Ag, Au, Pb, Cu, Sb, Fe.**
(Buena Vista)

Twenty-five miles by road south of Mill City, on the east slope of the Humboldt Range.

Permian volcanics and Triassic sediments intruded by granite and covered in part by Tertiary volcanics.

Tertiary volcanics.

Replacement deposits.


Statistics of mines and mining in the states and territories west of the Rocky Mountains: (for 1873), 210-12, Govt. Printing Office, Washington: 1874.


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**VELVET. Au, Opal, Diatomite.**

Ten miles west of Lovelock on the east side of the Trinity Range.

Tertiary volcanics and lake sediments.


**WASHIKI. Au, Ag, Pb.**

Near Clear Creek on west slope of the Sonoma Range northeastern Pershing County, 25 miles by road south from Winnemucca.

Quartz veins in granite.


**WILD HORSE. Pb, Ag, As, Cu, Sb.**

Twelve miles southeast of Lovelock, on the east side of the Humboldt Range.

Triassic slates and limestones with monzonite intrusives.


**WILLARD. Ag, Au, W, Fe, Hg.**
(Loring)

Ten miles northeast of Lovelock, in the Humboldt Range, at west end of Coal Canyon.

Limestones, rhyolite, and basalt dikes.


Bibliography of Geologic Literature of Nevada

STOREY COUNTY

CASTLE PEAK, Hg.
(Red Mountain)

Ten miles north of Virginia City, near the Washoe County line.

Tertiary andesite and Triassic sediments.

Veins.


CHALK HILLS, Diatomite.
(Parker and Noe)

Nine miles northeast of Virginia City at the head of Long Valley.


COMSTOCK LODE, Au, Ag, Pb, Cu, Hg.
(Gold Hill, Flowery, Silver Star, Virginia City, Washoe)

Virginia City, on the east flank of Mount Davidson, 20 miles southeast from Reno.

Diorite and Tertiary volcanics.

Veins.


The heat of the Comstock Lode: A. I. M. E. Trans. 8: 324, 1889.


Propylitization and related types of alteration on the Comstock Lode: Econ. Geol. 35 (1): 1-16, 1940.


The abnormal temperatures of the Comstock Lode: Econ. Geol. 7: 583-7, 1912.


Richtofen, F., Baron, The Comstock Lode, its character and the probable mode of its continuance in depth: San Francisco: 1866.


FLOWERY (See COMSTOCK)

GOLD HILL (See COMSTOCK)

PARKER AND NOE (See COMSTOCK)

RED MOUNTAIN (See CASTLE PEAK)

SILVER STAR (See COMSTOCK)

VIRGINIA CITY (See COMSTOCK)

WASHOE (See COMSTOCK)
WASHOE COUNTY

BUFFALO SPRINGS. Salt, Sodium sulfate.
Near the mouth of Buffalo Creek, on the west edge of the Smoke Creek Desert:
25 miles west-southwest of Gerlach, W. P. R.
Lincoln, F. C., Mining districts and mineral resources of Nevada: 233, Nev.
Free, E. E., The topographic features of the desert basins of the United States
54: 10, 1914.
669: 145-6, 1919.
11: 323-3, 1885.

COTTONWOOD. Au, Ag, Pb.
In the Fox Mountains (Lake Range), 10 miles north of Pah-ram Peak and 15
miles southwesterly from Gerlach.
Mesozoic sediments intruded by quartz-monzonite.
Hill, J. M., The mining districts of the western United States: U. S. Geol. Sur-
vey Bull. 507: 225, 1912.
Some mining districts in northeastern California and northwestern Nevada:
Lincoln, F. C., Mining districts and mineral resources of Nevada: 233-234,
Schrader, F. C., Stone, R. W., and Sanford, Samuel, Useful minerals of the

CRYSTAL PEAK (See PEAVINE)

DEEPHOLE. Au.
North of Smoke Creek Desert, about 10 miles north of Reynard, W. P. R.
Hill, J. M., The mining districts of the western United States: U. S. Geol. Sur-
vey Bull. 507: 225, 1912.
Lincoln, F. C., Mining districts and mineral resources of Nevada: 233, Nev.
Schrader, F. C., Stone, R. W., and Sanford, Samuel, Useful minerals of the

DONNELLY. Au, Ag.
On the southwest flank of Division Peak, 30 miles north of Gerlach, W. P. R.
Sedimentary rocks intruded by granodiorite and capped by Tertiary volcanics.
Vents.
Lincoln, F. C., Mining districts and mineral resources of Nevada: 234, Nev.
Vanderburg, W. O., Reconnaissance of mining districts in Humboldt County,

FLANIGAN. Chara marl.
Four miles northwest of the Needles at the north end of Pyramid Lake, and six
miles east of Flanigan on the Susanville branch S. P. R.
Lincoln, F. C., Mining districts and mineral resources of Nevada: 234-235,

Bibliography of Geologic Literature of Nevada

GALENA. Pb, Au, Ag, Zn, Cu, As.
Fourteen miles south of Reno.
Metamorphosed sediments intruded by granodiorite.
Vents.
Brown, J. R., Reports on the mineral resources of the United States: (for
Hill, J. M., The mining districts of the western United States: U. S. Geol. Sur-
vey Bull. 507: 226, 1912.
Lincoln, F. C., Mining districts and mineral resources of Nevada: 235, Nev.
Raymond, R. W., Mineral resources of the states and territories west of the
Schrader, F. C., Stone, R. W., and Sanford, Samuel, Useful minerals of the
Stretch, R. H., Nevada state mineralogist's report for 1866: 21-22, Carson
City: 1867.
White, A. F., Report of the state mineralogist of Nevada for the years 1867
and 1868: 22, Carson City: 1869.
Report of the mineralogist of the State of Nevada for the years 1869 and
1870: 7, Carson City: 1871.
Whitehill, H. R., Biennial report of the state mineralogist of the State of
Nevada for the years 1871 and 1872: 142, Carson City: 1873.
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years 1877 and 1878: 153, San Francisco: 1879.

GERLACH (See HOOKER, PERSHING COUNTY)

GRANITE MOUNTAIN (See PEAVINE)

JUMBO. Au, Ag.
(Old Comstock)
On the west flank of Mt. Davidson in the Virginia Range west of Virginia City.
Hill, J. M., The mining districts of the western United States: U. S. Geol. Sur-
vey Bull. 507: 226, 1912.
Lincoln, F. C., Mining districts and mineral resources of Nevada: 236, Nev.

LEADVILLE. Pb, Ag, Zn, Au, Nitrates.
Thirty-eight miles north of Gerlach, W. P. R.
Tertiary volcanics.
Vents.
Gianella, V. P., Nevada's common minerals: Univ. Nev. Bull. 55 (6), Geol. and
Min. ser. (36): 79 (anglesite), 80 (aronagite), 85 (soda niter), 1941.
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vey Bull. 507: 226, 1912.
Lincoln, F. C., Mining districts and mineral resources of Nevada: 236-237,
Schrader, F. C., Stone, R. W., and Sanford, Samuel, Useful minerals of the
LITTLE VALLEY. Au.
Six miles southwest of Washoe Lake near Marlette Lake.
Placer deposits.

OLINGHOUSE, Au, Pt, Ag.
(White Horse)
Nine miles west of Wadsworth, S. P. R. R., in the Rah Rah (Pah Rah) Range.
Tertiary volcanics.
Veins and placer deposits.

PRAVINE, Au, Ag, Cu, W, Pb, Diatomite.
(Crystal Peak, Granite Mountain, Reno)
Ten miles northwest of Reno.
Schists, quartz monzonite, and Tertiary volcanics.
Veins, replacements, and placer deposits.
Gianella, V. P., Nevada's common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (36): 50 (enargite, arsenopyrite, bornite), 57 (copperite), 69 (melaniterite), 70 (stibnite), 71 (rhodochrosite), 72 (sphene), 74 (zoisite), 76 (microcline), 77 (zeolites), 1941.
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RENO (See PEAVINE)

SAND PASS. Clay.
Twenty-two miles by road north of Sand Pass, W. P. R. R.

SHEEPHEAD. Au.
Fifteen miles west of Reynard, W. P. R. R.

STEAMBOAT SPRINGS. Hg, S, Pb, Zn.
Nine miles south of Reno. Station on V. & T. R. R.
Paleozoic sediments and Tertiary volcanics.
Impregnations.
Gianella, V. P., Middle California and western Nevada: Internat. Geol. Cong. XVI, United States, 1933, Guidebook 16, Excursion C-1; 108-116 (Itinerary, Reno to Walker Hot Springs and return), Washington: 1933.
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Jones, J. C., The occurrence of stibnite at Steamboat Springs, Nevada: Science n. s. 35: 775-6, 1912.
Lindgren, Waldemar, Metallic sulphides from Steamboat Springs, Nevada: (Abst.), Science n. s. 17: 729, 1903.

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WEDEKIND. Ag, Au, Pb, Zn.
Four miles northeast of Reno.
Tertiary volcanics.
Veins and replacement deposits.

WEST COMSTOCK (See JUMBO)

WHITE HORSE (See OLINGHOUSE)
WHITE PINE COUNTY

AURUM. Ag, Pb, Cu, Au, Mn.
(Munday Creek, Queen Springs, Ruby Hill, Schellbourne, Schell Creek, Siegal, Silver Canyon, Silver Mountain)

In the northern part of the Shell Creek Range, 18 miles southeast of Cherry Creek.

Paleozoic sediments intruded by granite; also Tertiary lavas.

Veins and replacement deposits.

Ginnella, V. P., Nevada’s common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (36) : 53 (pyrrhotite), 1941.


Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1871 and 1872 : 144-5, Carson City : 1873.

Biennial report of the state mineralogist of the State of Nevada for the years 1873 and 1874: 88, Carson City : 1875.


BALD MOUNTAIN. Ag, Cu, Au, W, Hg.
(Joy)

In the south end of the Ruby Range near Bald Mountain, 70 miles south of Ely, S. P. R. R.

Paleozoic sediments intruded by quartz monzonite porphyry.


BLACK HORSE. Au, Ag.

On the east bank of the Snake Range, 49 miles east-southeast of Ely.

Paleozoic sediments cut by granite porphyry.

Veins.


BONITA (See SNAKE RANGE)

CHERRY CREEK. Au, Ag, Cu, Pb, W, Mn.
(Egan Canyon, Gold Canyon)

In the Egan Range, 50 miles north of Ely.

Paleozoic sediments intruded by quartz monzonite porphyry.

Veins.


Ginnella, V. P., Nevada’s common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (36) : 48 (tetrahedrite), 50 (malvodydite), 79 (barite), 1941.


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Biennial report of the state mineralogist of the State of Nevada for the years 1875 and 1876: 165-6, Carson City: 1877.

Biennial report of the state mineralogist of the State of Nevada for the years 1877 and 1878: 158-160, San Francisco: 1879.

**DUCK CREEK. Pb, Ag, Au, Cu, Zn.**

(Stainless)

In the Shell Creek Range near the head of Duck Creek, three miles from McGill.

Paleozoic limestones and shales; also Tertiary volcanics.

Replacements and veins.


**EGAN CANYON (See CHERRY CREEK)**

**ELY (See ROBINSON)**

**GOLD CANYON (See CHERRY CREEK)**

**GRANITE. Au, Ag, Pb.**

(Steptoe)

Six miles southwest of Granite on the east flank of the Egan Range.

Pleistocene sediments intruded by granite.

Veins and replacements.

Glanella, V. P., Nevada's common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (56): 71 (siderite), 1911.


**HAMILTON (See WHITE PINE)**

**HUB (See TUNGSTEN)**

**HUNTER. Pb, Cu, Ag.**

On the west flank of the Egan Range, 10 miles southwest of Granite.

Dolomite limestone and Cambrian quartzite.

Veins and replacement deposits.


Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1871 and 1872: 145, Carson City: 1873.

Biennial report of the state mineralogist of the State of Nevada for the years 1873 and 1874: 89, Carson City: 1875.

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Stuart, R. E., Nevada's mineral resources: 95, Carson City: 1906.


Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1877 and 1878: 155-56, San Francisco: 1879.

OSCEOLA. Au, Ag, Pb, W. Phosphate Rock.
(Weaver Creek, Summit Digging)

On the west slope of the Snake Range, about 40 miles southeast of Ely. Paleozoic sediments intruded by granite.

Veins and placer deposits.


Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1873 and 1874: 75, Carson City: 1875.

Biennial report of the state mineralogist of the State of Nevada for the years 1875 and 1876: 170-71, Carson City: 1877.

Biennial report of the state mineralogist of the State of Nevada for the years 1877 and 1878: 157-58, San Francisco: 1879.

PIERMONT. Ag, Au.

On the east slope of the Shell Creek Range, about 12 miles south of Muncy Creek.

State and quartzite. Veins.
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Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1871 and 1872: 144, Carson City: 1873.

Biennial report of the state mineralogist of the State of Nevada for the years 1873 and 1874: 89, Carson City: 1875.

PLEASANT VALLEY (See TUNGSTONIA)

QUEEN SPRINGS (See AURUM)

REGAN (See TUNGSTONIA)

ROBINSON. Cu, Au, Ag, Pb, Zn, Mn. (Ely)

In the vicinity of Robinson Canyon in the Egan Range, a few miles from Ely. Paleozoic sediments intruded by monzonite, also Tertiary volcanics. Velas and replacements.


Copper deposits at Ely, Nevada: Min. & Met. 27: 516-520, 1907.


Gianella, V. P., Nevada's common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (36): 49 (brunite), 43 (garnet), 52 (molybdenite), 54 (mala-chite), 53 (azurite), 66 (fluorite), 68 (chalcanthite), 1914.


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Biennial report of the state mineralogist of the State of Nevada for the years 1877 and 1878: 107, San Francisco: 1879.

RUBY HILL (See AURUM)

SACRAMENTO. Au, Ag, W.

On the west slope of the Snake Range at Sacramento Pass. Paleozoic limestones and shales.

Velas.

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SCHOLLBOURNE (See AURUM)

SCEEL (SCHELL) CREEK (See AURUM)

SHOSHONE, Ag, W.
(Minerva, Lexington)
On the west flank of the Snake Range, 55 miles southeast from Ely.
Limestone.
Veins and replacement deposits.
Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1873 and 1872: 145, Carson City: 1873.
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Biennial report of the state mineralogist of the State of Nevada for the years 1875 and 1876: 711, Carson City: 1877.

SIEGAL (See AURUM)

SILVER CANYON (See AURUM)

SILVER MOUNTAIN (See AURUM)

SNAKE, W. Ag.
(Bonita)
South of Baker on the east slope of the Snake Range.
Granite.
Veins.

Gianella, V. P., Nevada's common minerals: Univ. Nev. Bull. 35 (6), Geol. and Min. ser. (30): 70 (schreibite), 1941.
Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1871 and 1872: 145, Carson City: 1873.
Biennial report of the state mineralogist of the State of Nevada for the years 1873 and 1874: 89, Carson City: 1875.
Biennial report of the state mineralogist of the State of Nevada for the years 1875 and 1876: 711, Carson City: 1877.

STEPTOE (See GRANITE)

STRAWBERRY (See NEWARK)

SUCCESS (See DUCK CREEK)

SUMMIT (See OSEOLA)

TAYLOR, Ag, Au, Cu, Ph.
On the western slope of the Schell Creek Range, 16 miles southeast of Ely.
Ordovician limestone intruded by granite.
Veins and pyrometasomatic deposits.
Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1873 and 1874: 77, Carson City: 1875.
Biennial report of the state mineralogist of the State of Nevada for the years 1875 and 1876: 712, Carson City: 1877.

TUNGSTEN, W. Ag.
(Hub, Lincoln)
Forty-five miles southeast of Ely, on the west flank of the Snake Range.
Paleozoic quartzite and argillite intruded by granite porphyry.
Veins.
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Whitehill, H. R., Biennial report of the state mineralogist of the State of Nevada for the years 1871 and 1872: 145, Carson City: 1873.

TUNGSTENIA. Pb, Ag, Au, Cu, W.
(Eagle, Kern, Pleasant Valley, Regan)
In the Kern Mountains near the Nevada-Utah boundary, 63 miles east-southeast from Cherry Creek.

Sedimentary rocks intruded by granite.

Veins and pegmatites.


WARD. Ag, Pb, Cu.
On east slope of the Egan Range, 10 miles south of Ely.
Carboniferous limestone intruded by quartz monzonite dikes.

Veins and replacement deposits.


Whitehill, H. R., Biennial report of the state mineralist of the State of Nevada for the years 1871 and 1872: 143, Carson City: 1873.
Biennial report of the state mineralist of the State of Nevada for the years 1873 and 1874: 84–86, Carson City: 1875.
Biennial report of the state mineralist of the State of Nevada for the years 1875 and 1876: 164–165, Carson City: 1877.
Biennial report of the state mineralist of the State of Nevada for the years 1877 and 1878: 155, San Francisco: 1879.

**PART II**

**BIBLIOGRAPHY OF GEOLOGIC MAPS OF NEVADA AREAS**

By

ROBERT W. PRINCE

Mining Engineer, Nevada State Bureau of Mines

**FOREWORD**

For many years the mining industry of Nevada has requested that a general geologic map of the State be prepared. The value of such a map as an aid toward the development of the mineral resources of the State can be fully appreciated by all.

In 1930, and again in 1939, this Bureau undertook to assemble data and secure the cooperative aid of the U. S. Geological Survey in the preparation of such a general geologic map. At both times it was the opinion of the Survey that an attempt at preparing a map of this nature would be premature. As a brief explanation for this contention, only about three-eighths of the State’s area has been topographically mapped, and approximately the same area adequately mapped geologically.

This project remained dormant until along with this present compilation of all geologic literature of Nevada, a companion compilation of all geologic maps was undertaken by our Bureau. As a result of this search the following “Bibliography of Geologic Maps of Nevada Areas” was prepared.

This bibliography differs from the preceding one of geologic literature in that it is limited to geologic references that are accompanied by geologic maps but includes references published up to June 1945.

Attention is directed to the infrequent references in this bibliography to the geologic maps accompanying the “Report of the Geological Exploration of the Fortieth Parallel” for the reason that recent geological findings have disclosed serious errors in this older work.

It was the initial object of this Bureau to list the geologic map references by mining districts, but this proved impractical as can be readily appreciated after reading Dr. V. P. Gianella’s brief discussion of the vagueness of the boundaries of mining districts; therefore, as a practical alternative these references had been listed by counties only. In addition to this the areas to which the geologic maps apply have been indicated on a general State reference map on file in the office of this Bureau. All this work is but a preliminary step toward the ultimate goal of a geologic map of Nevada to be prepared by the U. S. Geological Survey.
ARRANGEMENT GEOLOGIC MAPS BY COUNTIES

CHURCHILL COUNTY


CLARK COUNTY

CALLAGHAN, EUGENE, Mineral resources of the region around Boulder Dam: U. S. Geol. Survey Bull. 871, Plate 7 (Map showing distribution and structure of magnesium deposits southwest of Overton, Nevada), not plotted on the map: 1936.


The Muddy Mountain overthrust in southeastern Nevada: Jour. Geol 30, 64: 1922.


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Schrader, F. C., A reconnaissance of the Jarbidge, Contact, and Elk Mountain mining districts, Elko County, Nevada: U. S. Geol. Survey Bull. 497: Pl. 1 (general area), Pl. 12 (Contact), 1912.


Spruce Mountain district, Elko County, and Cherry Creek (Egan Canyon) district, White Pine County: Univ. Nev. Bull. 25 (7): fig. 1, 1931.

Sharp, R. P., The Miocene Humboldt formation, northeastern Nevada: Jour. Geol. 47: 134 (fig. 1), 158 (fig. 9), (also Eureka, Lander, and White Pine Counties), 1939.


Geomorphology of the Ruby-east Humboldt Range, Nevada: Geol. Soc. Am. Bull. 51: 337-372 (figs. 6, 7, 8, 9, and 10, not plotted on map), 1940.

Stratigraphy and structure of the southern Ruby Mountains, Nevada: Geol. Soc. Am. Bull. 53: Sharp Plate 1 and fig. 2 (see White Pine County), 1942.


ESMERALDA COUNTY


Meinzer, O. E., Geology and water resources of Big Smoky, Clayton, and Alkali Spring valleys, Nevada: U. S. Geol. Survey W-S. p. 423: Pl. XIII (Clayton Valley; also Lander and Nye Counties), 1917.

Moore, B. N., Mineral resources of the region around Boulder Dam: U. S. Geol. Survey Bull. 871: fig. 45 (Sketch map of workings of alumine near Blair Junction, Nevada), not plotted on map, 1936.
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RANSOME, F. L., Preliminary account of Goldfield, Bullfrog, and other mining districts in southern Nevada: U. S. Geol. Survey Bull. 303: (not plotted on map), (also Nye County), 1907.

The geology and ore deposits of Goldfield, Nevada: U. S. Geol. Survey Prof. Paper 66: (also Nye County), 1909.

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EUREKA COUNTY

GALE, H. S., LEE, W. T., STONE, R. W., and others, Guidebook of the western United States, Part B, The Overland Route: U. S. Geol. Survey Bull. 612: sheets 18 (see Elko County), and 19 (see Eureka and Humboldt Counties), 1915.

CURTIS, J. S., Silver-lead deposits of Eureka, Nevada: U. S. Geol. Survey Mon. 7: Pl. 1 (not plotted on map), 1884.


SHARP, R. P., The Miocene Humboldt formation, northeastern Nevada: Jour. Geol. 47: 131 (fig. 1), 153 (fig. 9), (also Eureka, Lander, and White Pine Counties), 1939.


HUMBOLDT COUNTY


CLARAUGH, S. E., and HIRSCH, S. W., Tungsten deposits of the Osgood Range, Humboldt County, Nevada: U. S. Geol. Survey Strategic Min. Invest.: fig. 2, 1943.

GALE, H. S., LEE, W. T., STONE, R. W., and others, Guidebook of the western United States, Part B, The Overland Route: U. S. Geol. Survey Bull. 612: sheets 19 (see Eureka and Lander Counties), and 20 (see Humboldt County), 1915.


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RUSSEL, I. C., Geologic history of Lake Lahontan, southern Oregon: U. S. Geol. Survey Mon. 11: (not plotted on map), 1885.


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HILL, J. M., Some mining districts in northeastern California and northwestern Nevada: U. S. Geol. Survey Bull. 594: 64-91, Pl. X (Battle Mountain district), 114-126, Pl. XII (Toya Range, south of Reese River district, including Washington and Kingsbury districts, Lander County, Nevada; also Nye County), 1915.


LINCOLN COUNTY


Mineral resources of the region around Boulder Dam: U. S. Geol. Survey Bull. 871: fig. 44 (Map of alluvial quartz near Boyd, Nevada), fig. 50 (Sketch map showing workings on clay deposit near Boyd, Nevada), fig. 51 (Sketch map showing quartz on volcanic-ash deposit near Panaca, Nevada), and fig. 52 (Sketch map showing workings on diatomite deposit near Panaca, Nevada), these sketches not plotted on map, 1936.
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Mineral resources of the region around Boulder Dam: U. S. Geol. Survey Bull. 871: Plate 13 (Geologic map of brucite area, Paradise Range, Nye County, Nevada), not plotted on the map, 1936.


Limestone ores of Manhattan, Nevada: Econ. Geol. 16 (1): 3 (fig. 1, Geologic map of the southern part of the Toquima Range), 8 (fig. 2, Geologic map of the productive portion of the Manhattan district; not plotted on map), 1921.


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PAGE, B. M., Basin-range faulting of 1915 in Pleasant Valley, Nevada: Jour. Geol. 43: fig. 3, 1935.


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BECKER, G. F., Geology of the Comstock Lode and Washoe district: U. S. Geol. Survey Mon. 3 with atlas, not plotted on map, 1882.
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