

0010 0004

(Carson City - general)

NW-31-7

Au, Ag, Cu, W

U, Fe

Item 5

Mining District: MINERAL PEAK AREA

(Gold, Silver, Copper, Tungsten, Uranium, Iron)

T. 13-14-15 N., R. 20-21-22-23-24 E.

Carson City, Douglas, Lyon Counties, Nevada

USGS Dayton 15-min. quadrangle (1956) and Como 15-min. quadrangle (1957)

#### GENERAL BACKGROUND

Indicated mineral area NW-31-7 encompasses a tract of land about 6 miles wide and trending east-west. The area is bounded on the west by the foothills of the Pine Nut Mountains and on the east by the boarder of the planning unit.

The area was first prospected in the 1870's, but no production has been recorded for any of the mines located in this area.

The Alex Eske tungsten-iron deposit is located in sections 8 and 17, T. 14 N., R. 21 E., on the south flank of McTarnahan Hill. Although no production is recorded, it is likely that this mine produced some gold and silver ore.

The June Ellen gold-silver mine is located in section 3, T. 14 N., R. 21 E., approximately 2 miles east of McTarnahan Hill. Although no production is recorded, it is likely that this mine produced some gold and silver ore.

The Utopian (United) copper mine is located in section 23, T. 14 N., R. 21 E., about 1 mile northwest of Pipe Spring. Development work at this mine began in the early 1900's, but operations were abandoned by 1915. The area surrounding the Utopian mine was the site of a major exploration effort in the late 1960's. A drilling program was initiated and numerous holes completed; the results of which were not made public. The claims are presently idle.

AEC records indicate an uranium prospect in section 26, T. 14 N. R. 21 E. There has been no production from this prospect.

#### GEOLOGICAL AND TECHNICAL DATA

The oldest rocks in the area are metamorphic rocks of Triassic and Jurassic age. These metavolcanic and metasedimentary rocks occur in roof pendants or septa surrounded by younger intrusive rocks of granitic composition. Unconformably overlying these older rocks are tuffs, breccias, and flows of the Tertiary Hartford Hill Rhyolite, Alta Formation, and the Kate Peak Formation. Tertiary lacustrine and fluvatile sedimentary rocks crop out in the southwestern portion of the area.

Mesozoic metasedimentary rocks have been intruded by granitic rocks in the vicinity of the Alex Este mine. Scheelite and hematite mineralization is developed in a skarn adjacent to the intrusive contact.

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The June Ellen mine is located on a northeast-trending normal fault in metavolcanic rocks of Triassic-Jurassic age.

The Utopian mine is situated in metamorphic rocks of Mesozoic age. Chalcopyrite, azurite, and malachite are present on the dumps of this property.

Autunite(?) reportedly occurs along a small breccia zone in granitic rocks at the uranium prospect (2).

#### POTENTIAL FOR DEVELOPMENT

Although there are numerous prospects and inactive mines in the area, the potential for production from these properties per se is generally remote. For the area as a whole, however, the potential for the discovery of economic ore is considerably greater. Favorable geology, manifested in the extensive occurrence of basement rocks at the surface and at shallow depths, and numerous "showings" of mineralization throughout the area suggests that significant ore deposits may be present which heretofore have not been discovered. The geology is "right" for the occurrence of a low-grade copper deposit and concealed basement rocks will be likely exploration targets in the future.

Past mining activities have pockmarked the area with prospect pits, shafts, and adits. Should a large disseminated ore deposit be discovered, it would probably be worked by open pit methods.

The uranium prospect is probably not of economic interest.

#### COMPANIES AND CLAIMANTS ACTIVE IN AREA

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|---|---|--|
| 1. JULIETTA<br>E.S. Roberts, et.al.<br>Wagonwheel Saloon<br>Stateline, Nev.<br>(lode claims)                              | 2. BSW Group<br>Bear Creek Mining Co.<br>East 7821 Sprague<br>Spokane, Wash.<br>1970-72<br>(43 lode claims)           | 3. BLUE BIRD Group<br>R.L. Gerish<br>Dec. 1966<br>(55 lode claims)   |
| 4. PINE Group<br>USSRAM Exploration Co.<br>136 E. South Tempe<br>Salt Lake City, Utah<br>1966, 1967<br>(240+ lode claims) | 5. IRON NUGGET<br>E.A. Haglund, et.al.<br>217 N. Iris<br>Carson City, Nev.<br>(placer, millsite)                      | 6. MAGNET<br>V. Modarelli<br>1269 Valley View<br>Carson City, Nev.<br>June 1965<br>(lode claim)                |
| 7. NEW DEAL #1<br>Charles Reay Sr.<br>1820 Helena Ave.<br>Sacramento, Calif.<br>(lode claim)<br>July 1967                 | 8. ANNEX Group<br>E.A. Haglund, et.al.<br>217 N. Iris<br>Carson City, Nev.<br>1956, 1960-61, 1967<br>(40 lode claims) | 9. GREEN FIRE COPPER Group<br>Robert Egner<br>P.O. Box 629<br>Glendale, Calif.<br>July 1968<br>(2 lode claims) |

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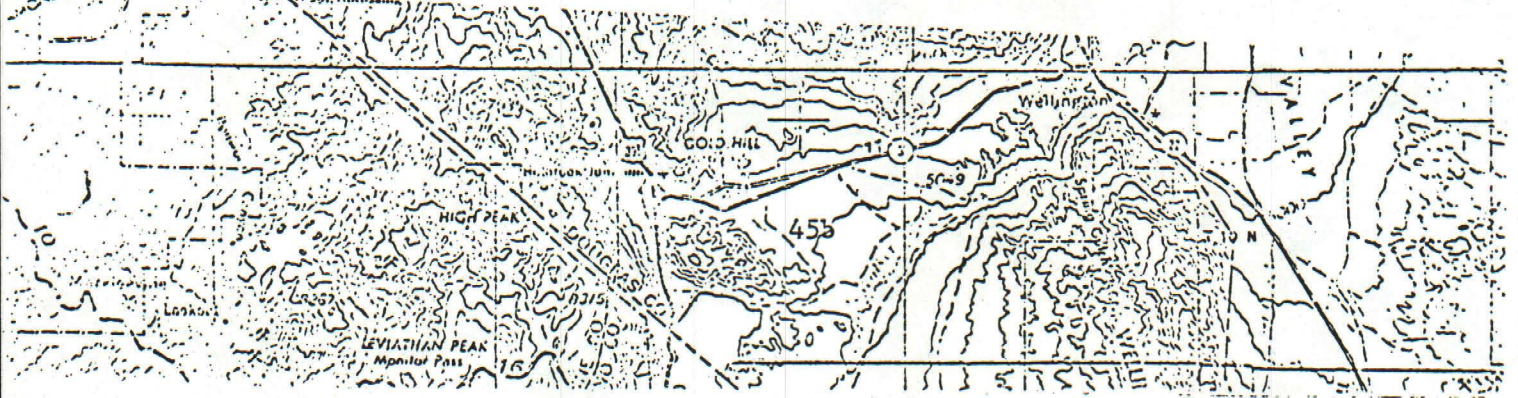
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| <p>10. NEZ PERCE<br/>W. S. Hillman<br/>1701 Vernier<br/>Concord, Calif.<br/>Oct. 1965<br/>(lode claim)</p>              | <p>11. COPPER KING Group<br/>M. Darby<br/>1980 Spanish Spring Rd.<br/>Sparks, Nev.<br/>(7 lode claims)</p>            | <p>12. HIDDEN SMILE<br/>Jack E. Brazo<br/>P.O. Box 426<br/>Reno, Nev.<br/>Jun. 1961<br/>(4 lode claims)</p>      |
| <p>13. GARNET Group<br/>E.A. Hauglund, et.al.<br/>217 N. Iris<br/>Carson City, Nev.<br/>1960-62<br/>(9 lode claims)</p> | <p>14. GREEN FIRE GROUP<br/>Robert Egner<br/>P.O. Box 629<br/>Glendale, Calif.<br/>1967-1971<br/>(53 lode claims)</p> | <p>15. KANE Group<br/>J. Smith<br/>2085 Plumas<br/>(17 lode claims)</p>  |
| <p>16. BAY Group<br/>Phelps Dodge Corp.<br/>(90 lode claims)</p>  | <p>17. LAURA B Group<br/>Steve Bazor<br/>1102 Wilkinson<br/>Reno, Calif.<br/>Sept. 1962<br/>(20 lode claims)</p>      | <p>18. AG Group<br/>Mineral Expl. Co.<br/>1708 W. Grant<br/>Tucson, Ariz.<br/>Nov. 1970<br/>(54 lode claims)</p> |
| <p>19. TIM Group<br/>Toiyabe Expl. Co.<br/>P.O. Box 993<br/>Yerington, Nev.<br/>Dec. 1971<br/>(64 lode claims)</p>      | <p>20. FEY Group<br/>Minchel Mapa<br/>P. O. Box 539<br/>Yerington, Nev.<br/>Mar. 1972<br/>(23 lode claims)</p>        |  |

#### SELECTED REFERENCES

1. Moore: Geology and Mineral Deposits of Lyon, Douglas, and Ormsby Counties, Nevada; Nev. Bur. Mines Bull. 75, 1969.  
(includes Geologic Map of area)
2. U.S. AEC: Reports of Uranium Investigations, 1955 (unpublished).

#### FIELD EXAMINATION

Bennett, May 1973





*Taken from:*

Mineral Resources Inventory and Analysis

of the

Pine Nut Planning Unit

Carson City District  
Nevada and California

By

R. E. Bennett

1973

~~see~~ Douglas County - general

Item 15

for preface & general  
background information

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