DEPARTMENT OF THE INTERIOR

U.S. GEOLOGICAL SURVEY

A bibliography for the Winnemucca 1° x 2° quadrangle, Nevada, with indexing by county, commodity, mine name, mining district, and selected major topics

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INTRODUCTION

Over 1500 references to the geology and mineral resources of the Winnemucca 1^{o} x 2^{o} quadrangle area, Nevada, were collected in support of a series of U.S. Geological Survey projects in that vicinity coordinated by Ted G. Theodore (Menlo Park, Calif.). The references were compiled from existing published and unpublished bibliographies and indexes, as well as from the reference lists of articles concerning the area. We have undoubtedly missed a few important articles and many articles and papers that have been rarely referenced in other papers. Because the collectors were more familiar with the literature concerning mineral resources and their geologic setting, the compiled references on these topics are probably more complete than for peripheral topics such as water resources and paleontology.

The references are listed alphabetically by author(s) and then chronologically. Each reference is numbered and these numbers are used to identify each reference in the indexed tables. Missing numbers represent duplicate references removed from the compilation after indexing of the references was started. Late additions have a letter designation following the number; for instance, reference 773a follows reference 773.

Readers should note the following assumptions and caveats when using this compilation:

-If an abstract was published in a meeting program and an article of the same title later appeared in a journal, only the journal article is cited.

-If an abstract was published in a meeting program and was also published in a journal, only the publishing journal is cited as the journal version is generally easier to locate than a meeting program.

-Many of the references were obtained from the reference lists of other articles and the citations may not have been entirely correct or complete. Obvious omissions and errors were corrected when identified by the compilers of this bibliography.

-Page numbers were not cited in the original reference sources for many of the M.S. and Ph.D theses and dissertations. Existing bibliographies and indexes of these studies also did not list pagination.

-A large number of reports prepared by groups such as the Lawrence Berkeley Laboratory or the University of Utah Research Institute are listed in this compilation for which pagination and map scales could not be ascertained. In addition, we could not always determine the availability or distributing agency for these reports.

INDEXING

The compiled references of this report have been partially indexed. Most of the indexing was done based on the occurence of certain key words within the reference titles. However, familiarity with some of the referenced material allowed some additional indexing. Table 1 indexes the references geographically by the five counties that occur within the Winnemucca 1^{o} by 2^{o}

quadrangle, Nevada: Elko, Eureka, Humboldt, Lander, and Pershing Counties. Table 2 lists the references by commodity. Table 3 is a listing of references by mine and mining district names. Finally, Table 4 indexes the references by selected major topics: ages/geochronology, alteration/zoning, climate, geochemistry/geochemical exploration, geophysics, geothermal energy/heat flow, paleontology, stratigraphy, structure/tectonics, and water resources/hydrology.

Table 1. References for the five Nevada Counties that occur in the Winnemucca 1° by 2° quadrangle, Nevada.

COUNTY	REFERENCES
Elko	39,40,86,87,88,160a,179,180,181,182,183,195a,279,288,309,314, 321,383,425,426,427,454,455,493,494,499,551,559,560,568,570,596, 597,646,692,739,741,743,747,765,808,935,1071,1073,1093a,1151, 1176,1177,1178,1210,1329,1330,1360,1361,1362,1363,1364,1365, 1366,1367, 1368,1369,1370,1371,1372,1373,1430,1436
Eureka	5,8,80,85,98,99,100,101,110,122,200,201,226,229,230,239,240,241, 242,247,252,254,261,273,277a,279,285,286a,297,298,299,301,302, 307,308,309,310,311,312,313,315,316,389,390,407,416,417,418,420, 421,423,433,443,471,487a,492,507,508,509,547,604,610,629,635, 645,652b,652c,673,686,718,719,728,729,779,782,788,811,813,814, 829,830,837,838,899,911,912,913,915,921,922,923,924,925,926,929, 930,931,932,950,985,996,1017,1018,1021,1030,1044,1133,1136,1137, 1151,1152,1268,1269,1329,1330,1331,1332,1340,1341,1342,1343, 1344,1345,1346,1347,1348,1349,1355,1374,1375,1376,1377,1388, 1389,1390,1424,1430,1445,1459,1460,1461,1462,1463,1464,1465, 1469,1503,1504
Humboldt	63,64,65,70,72,73a,118,128,162,164,185,186,187,188,195,219,287, 289,290,291,291a,292,293,294,294a,295,296,332,333,349,371,406, 412,413,414,475,501,539,540,553,606,607,661,749,752,802a,803, 806,826,905,936,957,958,961,962,971,980,998,1096,1111,1138,1158, 1278,1331,1335,1339,1380,1381,1382,1383,1384,1385,1386,1423, 1429,1446,1482, 1483,1484,1485
Lander	25,44,48,50,51,52,53,55,91,92,93,94,95,96,97,134,157,158,161a, 165,173,174,175,176,203,223,225,231,277a,279,280,282,284,331, 339,346,369,370,372,381,391,401,405a,433,497,500,502,555,594, 603,642,643,643a,673,674,675,676,678,680,685,686,708,709,710, 721,742,800,802,807,810,838d,843,868,917a,938,960,961,962,971, 980,1002,1043,1074,1121,1134,1244,1245,1246,1247,1248,1249,1250, 1251,1256,1268,1269,1279,1280,1281,1282,1283,1284,1285,1286, 1289,1290,1291,1292,1293,1294,1295,1297,1298,1299,1300,1301, 1302,1311,1316,1331,1332,1335,1336,1337,1417,1425,1427,1449, 1452,1453,1466,1502,1506,1508,1510,1511,1512,1513,1514,1515, 1516,1517,1518,1520,1523
Pershing	1,11,58,83,117,138,140,141,142,145,146,147,149,151,152,153,154, 161,166,185,195,257,327,371,378,379,384,402,414,415,496,504,527, 529,535,536,542,543,552,577,592,593,598,602,605,612,621,631,634, 654,655,723,724,725,751,762,796,802,809,816,824,827,840,841,852, 856,864,865,886,909,949,959,998,1019,1040,1041,1072,1097,1099, 1105,1106,1135,1138,1140,1144,1145,1146,1148,1164,1165,1166, 1167,1168,1273,1277,1303,1305,1307,1322,1323,1332a,1334,1335, 1337,1350,1351,1352,1353,1354,1356,1357,1358,1378,1387,1391, 1392,1393,1394,1395,1396,1397,1398,1399,1400,1401,1402,1403, 1404,1405,1406,1407,1408,1409,1410,1411,1412,1413,1422,1428, 1434,1439,1441,1442,1444,1457,1458,1477,1478,1480,1491,1492, 1496,1497,1521,1524

Table 2. References by commodity.

COMMODITY	REFERENCES
antimony	100b,100c,239,245,248,289,293,618,619,620,839,932
arsenic	239,245,291a,293,543,930,932,1023,1459,1463
barite	124,125,126,172,243,258,259,360,457,490,555,561,643,745,756,857, 858,859,879,884,1020,1090,1417,1529
base metals	81,100a,428,432,761,774,1019,1130,1131,1471,1472
beryllium	401,452,1451
clays	148,874
copper	5,50,51,52,53,55,81,91,94,96,100a,146,158,173,174,175,183,204, 206,208,211,213,270,284,290,294a,375,428,466,480,500,502,532, 542,773a,800,891,904,906,1019,1043,1094,1122,1129,1130,1131, 1132,1134,1275,1279,1280,1281,1282,1283,1284,1285,1286,1290, 1291,1292,1293,1294,1295,1299,1307,1311,1312,1316,1326,1502
fluorite	366,456,458,582,880,890
gold	4,6,7,8,13a,14,15,20,21,22,23,24,25,37,38,38a,39,40,41,43,63,64, 65,65a,66,67,67a,67b,69,71,73,73a,74,81,86,87,88,92,93,97,100a, 101,104,105,108,109,110,116,120,121,128,131,134,148a,148b,149, 150,160a,161a,162a,177,189,195a,200,217,218,239,240,241,242,243, 244,245,246,247,257,264,273,276,277,277a,285,285a,285b,285c, 286a,287,290,294a,302,344,365,382,389,390,392,407,408,412,413, 416,417,418,419,420,421,422,423,425,426,427,428,429,432,435, 451a,468,482,483,485,487a,488,489,491,492,493,494,498,499,500, 501,502,506,528,538,539,540,541,590,591,596,597,599,600,606,607, 609,610,613,633,638,651,692,718,719,720,735,746,747,748a,749, 751,751a,752a,761,765,771,773,773a,774,776,777,799,806,807,808, 809,810,811,813,829,830,833,834,838a,838b,838c,838d,842,855,860, 861,862,898,905,911,912,913,915,916,916b,916c,917,918,919,921, 922,924,925,926,929,930,931,932,947,983,988,1017,1018,1021,1023, 1024,1042,1045,1069,1071,1074,1079a,1079b,1180a,1180b,1180c, 1084,1085,1093a,1107,1109,1110,1111,1116,1117,1118,1119,1125, 1133,1135,1136,1138,1147,1174,1203,1210,1266,1276,1280,1297, 1309,1310,1315,1421,1429,1436,1445,1446,1449,1459,1463,1464, 1465,1469,1475,1496,1497,1503,1504,1505,1506,1506a,1507,1508, 1510,1511,1512,1513,1514,1519
industrial minerals	463,876,877,878,881,882,883
iron	12,205,209,443,359,534,566,598,602,603,604,605,758,772,909,910, 949,1029,1072,1092,1278,1509
lead	81,100a,291,294a,428,467,566,761,773a,774,889,891,933,1207,1316

Table 2 (cont.). References by commodity.

COMMODITY	REFERENCES
lithium	251,582,1029
manganese	85,496,553,574,601,768,802,887,894,933,1047,1096,1170,1317
mercury	42,62,219,223,239,248,291a,293,453,543,621,622,683,687,770,915, 929,957,958,1025,1026,1028,1030,1077,1078,1079,1442,1471
molybdenum	146,292,294,542,579,582,623,643a,727,1046,1048,1064,1065,1086, 1087,1207,1287,1288,1289,1298,1307,1501
nickel	85,100,327
oil and gas oil shale	117a,342,343,355,357,358,639,885,892,900a,1066,1178
phosphate	443
platinum metals	157,734,861,868,1302
radioactive elements	352,353
silver	14,38,41,65a,67a,69,71,74,81,100a,106,107,108,109,116,119,121, 131,150,189,277a,281,291,294a,354,382,386,411,419,428,429,424a, 432,445,451a,469,566,594,638,720,757,771,773a,776,777,810,833, 855,933,1042,1109,1110,1117,1118,1119,1147,1280,1310,1428,1429, 1454,1455, 1475,1506,1508,1514
thallium	922,930
tin	346
tungsten	207,210,289,293,401,436,437,527,533,552,553,554,577,632,652a, 726,959,1050,1111,1112,1116,1168,1419,1420
turquoise	764,899a
uranium	37a,48,49,59,60,75,337,582,583,624,769,843,897,1027,1029,1051, 1271,1438,1526
vanadium	1049
zeolites	48,49,391,875
zinc	81,85,100a,292,294,428,470,566,761,773a,774,891,1207,1316

Table 3. References for specific mines and districts.

NAME	REFERENCES
Mines	
Alligator Ridge	7,488,489,591,1079a,1079b,1203,1505
Amarilla	443
Apex	843
Argenta	643,857,884
Barth	534
Bell (Jerritt)	160a,195a,426,427,491,493,494,499,747
Betty O'Neal	938
Big Mike	1019
Black Diablo	802
Black Eagle	802
Black Rock	802
Blue Star	830,912
Bootstrap	811
Borealis	481,482,483
Boyer	158
Buckhorn	1445,1460,1461,1462,1464,1469
Buckingham	643a,1286,1289,1298
Buena Vista	598,602,909,949,1072
Bullwhacker	736
Carlin	4,8,21,239,240,242,246,247,390,407,416,417,418,420, 421,423,609,718,829,911,913,915,916b,916c,921,922,923, 924,925, 926,929,930,932,1017,1093a,1459,1463
Copper Basin	1286,1311
Copper Canyon	50,51,52,53,91,92,93,94,96,173,174,176,800,1279,1280, 1281,1282,1283,1284,1285,1291,1292,1293,1294,1295, 1299,1316

Table 3 (cont.). References for specific mines and districts.

NAME	REFERENCES
Cordero	219
Cortez	20,285,286a,926,1017,1018,1021,1030,1459,1461,1462, 1463,1465
Dee	40,808,1136,1436
Enfield Bell	86,87,88
Florida Canyon	751a,1138,1180a
Fortitude	810,1508
Getchell	63,64,65,73a,118,128,164,287,413,539,540,1111
Gold Acres	25,134,161a,1510,1511,1512,1513,1514
Gold Quarry	735,813,1133,1504
Gold Strike	765
Greystone	643,857,884
Hilltop	838d
Horse Canyon	200,610
Maggie Creek	273,1503
McCoy Iron	603
Mercur (Utah)	392,506,599
Mill City (Nevada-Massachusetts)	436,437,552,577
Modarelli	604
Modoc	1427
Mountain City	183
Mountain Springs	643,857,884,1417
New Pass	339
New York	652a
Northumberland Gold	862,1506a

Table 3 (cont.). References for specific mines and districts.

NAMES	REFERENCES
Pinson	23,349,485,501,606,607,749,752,806,905,1138,1446
Preble	349,606
Rain	596,597
Red Bird	1442
Relief Canyon	751,809,838c,1135,1138,1496,1497
Rose Creek	959
Round Mountain	746,162a,1309
Saddle Prospect	1449
Segerstrom-Heizer	605
Senator	621
Standard	998,999
Tenabo	1121,1511,1514
Tomboy-Minnie	1296,1297
Tonkin Springs	13a,148b,408,748a
Windfall	389,1489
Districts	
Austin	225
Bannock	662
Battle Mountain	44,95,173,174,175,176,502,643a,800,807,868,980,1043, 1134,1283,1286,1289,1300,1301,1302,1502,1506,1523
Bottle Creek	958
Buckskin Peak	957
Carlin/Lynn	4,110,285a,321,390,492,811,814,830,899,915,950,1180c
Contact	1071
Cornucopia	179

Table 3 (cont.). References for specific mines and disticts.

NAMES	REFERENCES
Cortez	201,298,299,301,302
Elk Mountain	1071
Ely	480
Eureka	396,397,736,836,871
Gold Hill	834
Goldbanks	257
Goldfield	937
Hilltop	231
Jarbridge	1071
Jerritt Canyon	86,87,88,160a,195a,425,426,427,491,493,494,499,747, 1210
Kennedy	542,592,593,1434
McCoy	1074
Mount Hope	755
National	1429
Nightingale	1168
Railroad	570
Reese River	1002
Robinson	670,1490
Rochester	595,1138,1428
Scossa	536
Spruce Mountain	1073
Taylor	424,650
Tuscarora	692

Table 3 (cont.). References for specific mines and disticts.

NAMES	REFERENCES
White Pine	486
Wildhorse	223

Table 4. References by selected topic.

TOPIC	REFERENCES
ages/geochronology	18,26,28,30,31,98,99,156,179,181,222,273,318,319,411a, 514,515,517,520,540,608,615,626,663,668,670,679,690, 692,693,694,695,697,698,704,705,707,710,711,766,797, 1053,1101,1111,1113,1114,1115,1116,1120,1192,1236, 1239,1301,1464
alteration/zoning	6,7,45,65a,71,96,97,101,130,177,217,382,1008,1108, 1109,1110,1112,1280,1401
climate	34,35,36,409,671,738,763,993
geochemistry/geochemical exploration	6,8,40,52,57,63,64,65,67,71,74,115a,121,128,146,157, 163,166,195,216,217,273,277a,287,288,289,290,291,291a, 293,294,294a,298,299,301,302,309,316,381,417,418,440, 482,484,543,544,568,610,613,624,658a,659,660,736,780, 831,839,840,842,908,910,923,998,999,1110,1280,1281, 1290,1291,1292,1293,1294,1297,1299,1300,1301,1361, 1365,1401,1406,1427,1460,1465,1470,1478,1481,1499, 1500,1513,1523
geophysics	1a,225,267,289,290,291,292,293,294,303,304,305,306, 359,373,374,379,380,381,385,387,402,433,497,503,504, 535,652b,652c,652d,654,657,723,724,725,762,840,895, 976,991,1148,1160,1161,1162,1164,1165,1166,1167,1204a, 1253,1329,1330,1331,1332,1332a,1334,1335,1336,1337, 1342,1343,1344,1345,1346,1347,1348,1349,1352,1353, 1354,1357,1358,1359,1362,1363,1364,1367,1368,1369, 1370,1371,1382,1384,1385,1387,1389,1397,1398,1399, 1402,1404,1415,1427a,1432,1433,1447a,1447b,1468,1491, 1492,1527,1528
geothermal energy/heat flow	60a,65a,89a,90,103,116,127,166,226,229,246,248,269, 320,341,343a,356,434,440,473,537,543,545a,546,597a, 611,634,635,654,658,658a,659,660,754,760,801,824,827, 837,853,854,886,944,945,955,956,1033,1039,1040,1041, 1097,1148,1149,1205,1319,1320,1339,1340,1341,1342, 1343,1344,1345,1346,1347,1348,1349,1350,1351,1352, 1353,1354,1355,1356,1357,1358,1359,1360,1361,1362, 1363,1364,1365,1366,1367,1368,1369,1370,1371,1372, 1373,1374,1375,1376,1377,1378,1379,1380,1381,1382, 1383,1384,1385,1386,1387,1388,1389,1390,1391,1392, 1393,1394,1395,1396,1397,1398,1399,1400,1401,1402, 1403,1404,1405,1406,1407,1408,1409,1410,1411,1412, 1413,1414,1415,1416,1447,1447b,1448,1450,1458,1471, 1473,1474,1476,1491,1500,1507

Table 4 (cont.). References by selected topic.

TOPIC	REFERENCES
paleontology	11,78,79,80,170,191,197,253,261,395,450,451,474,507, 512,513,515,516,517,518,519,521,525,584,585,586,587, 641,653,702,716,722,728,730,731,733,767,781,787,791, 793,871,873,1003,1034,1097a,1175
stratigraphy	78,89,122,132,133,155,165,192a,254,321,388,509,523, 547,548,550,614,642,652,696,701,710,721,728,730,741, 781,790,791,819,838,840,841,846,971,994,1036,1098, 1102,1103,1104,1106,1152,1153,1177,1430,1456,1522
structure/tectonics	6,7,9,13,17,27,29,32,33,58,72,77,136,137,140,141,143, 144,154,160,161,167,168,173,180,182,184,232,233,234, 235,236,255,266,267,268,272,274,296,298,301,317,340, 345,347,348,350,351,364,368,369,370,373,377,384,404, 484,505,511,514,522,524,545,551,564,565,567,571,572, 573,611,634,635,640,646,656,669,679,693,721,739,740, 741,742,743,744,754,759,794,815,818,820,822,840,841, 845,846,847,848,849,850,850a,851,852,863,864,865,866, 893,896,951,975,978,979,984,991,1006a,1007,1010,1012, 1015,1035,1091,1099,1101,1103,1118,1119,1139,1140, 1141,1142,1142a,1143,1144,1145,1146,1154,1161,1162, 1171,1172,1183a,1191a,1197,1204,1209,1212,1213,1219, 1221,1222,1223,1224,1226,1231,1232,1233,1243,1254, 1255,1256,1298,1306,1314,1480,1482,1486,1494,1512, 1518,1525,1529a,1530
water resources/ hydrology	185,186,187,188,199,249,265,406,410,414,415,612,737, 737a,804,840,853,1083,1128,1149,1493

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