



Deposit Environment

Extrusive rocks

Felsic to mafic extrusive rocks

Subaerial

Deposits mainly within volcanic rocks

Hot-spring gold-silver
Cornstock epithermal vein
Sedimentary epithermal vein
Epithermal quartz-sulfide
Volcanogenic uranium
Epithermal manganese
Rhyolite-hosted tin

Deposits in older calcareous rocks

Sediment-hosted gold
Sediment-hosted mercury

Deposits in older clastic sedimentary rocks

Hot-spring mercury
Simple antimony

Felsic intrusions

Mainly phanerocrystalline textures

Granitic intrusions

Wallrocks are calcareous

Tungsten skarn

Other wallrocks

Tungsten vein

Porphyrophanitic intrusions present

High-silica granites and rhyolites

Climax molybdenum

Other felsic and mafic rocks

Porphyry copper

Wallrocks are calcareous

Deposits near contact

Porphyry copper, skarn related
Copper skarn
Zinc-lead skarn
Iron skarn
Gold skarn

Deposits far from contact

Polymetallic replacement
Replacement manganese
Distal-disseminated silver-gold

Wallrocks are older igneous and sedimentary rocks

Deposits within wallrocks

Polymetallic vein

Regionally metamorphosed rocks

Derived mainly from pelitic and other sedimentary rocks

Gold on flat faults

Model	Age (Ma)
25A	0 - 17
25C	17 - 34
25D	34 - 43
25E	0 - 17
25F	17 - 34
25G	34 - 43
25H	0 - 17
26A	0 - 17
27A	0 - 17
27D	0 - 17
14A	0 - 17
15A	0 - 17
16A	0 - 17
17A	0 - 17
18A	0 - 17
18B	0 - 17
18C	0 - 17
18D	0 - 17
18F	0 - 17
19A	0 - 17
19B	0 - 17
19C	0 - 17
19C	0 - 17
22C	0 - 17
37B	0 - 17

Alluvium

0-6 Ma

Mostly basaltic lava flows.

6-17 Ma

Mostly basaltic lava flows and some high-silica rhyolite flows and domes in the northern part of the state and south 38° Lat. Andesitic and dacite flows and intrusive rocks in the western part of the state.

17-34 Ma

Mostly rhyolitic to dacitic ash-flow tufts. Some andesitic lava flows and a few granitoid plutonic rocks.

34-43 Ma

Mostly rhyolitic to dacitic ash-flow tufts. Some andesitic lava flows and a few granitoid plutonic rocks.

Older than 43 Ma

Sedimentary rocks, granitoid plutonic rocks and some metamorphic rocks.

- SELECTED DEPOSITS**
- 8 Targueta Mountain mine
 - 44 Star mine
 - 135B Bessie mine
 - 161 Bison Flurrier deposit
 - 190 Dawley Canyon Mine area
 - 194 Magaha Hill mine
 - 195 Mount Hope
 - 211 Onasoma mine
 - 218 West One Body Copper Canyon
 - 267 Culverwell adit
 - 272 Calaverita mine
 - 288 Lemay No prospect
 - 295 Tripoli mine
 - 296 Keystone mine
 - 307 Dip L Latic claim
 - 308 McCoy Iron mine
 - 309 High
 - 337 Tomboy-Minnic mine
 - 340 Prince Of Wales mine
 - 341 Silver Peak mine
 - 346 Simons mine
 - 358 Gold Chief mine
 - 365 Concha Nevada mine
 - 386 Eureka Consolidated
 - 399 Downeyville mine
 - 428 Green mine
 - 434 Hance-Velcan
 - 440 Mountain View mine
 - 443 Mineral Hill mine
 - 445 Lead Pipe property
 - 457 New Roselle mine
 - 458 Blackfoot mine
 - 461 Jackson mine
 - 464 Graniteville mine
 - 466 Pine Star group
 - 468 Iowa Cap claim
 - 472 Danley mine
 - 478 South Tree
 - 488 Lone Tree
 - 496 Winfall mine
 - 497 Hilltop mine
 - 498 Cave
 - 507 Inlandville mine
 - 520 White and Shosh mine
 - 532 Rescue mine
 - 534 Tanager (Biscuit) mine
 - 555 Philadelphia mine
 - 559 Dea Dake mine
 - 565 Lucky Girl
 - 572 Kansas Silver King mine
 - 593 Valley group
 - 595 Imperial group
 - 596 Klondike mine
 - 598 Doty
 - 601 Betty O'Neal mine
 - 608 Rip Van Winkle
 - 612 Protection group mine
 - 620 Silver Chief mine
 - 712 North Star claims group
 - 716 Quasena mine
 - 718 Auburn mine
 - 721 Silver King
 - 722 Tulewami mine
 - 723 Silver Dike mine
 - 735 Pease Lee mine
 - 739 Top and Gray Eagle mine
 - 746 Dinick mine
 - 754 Columbia mine
 - 755 Cherokee mine
 - 763 Rustler claim
 - 771 Will Street mine
 - 773 Camp Fire group
 - 774 Homestead group
 - 777 Key West
 - 792 Williams mine
 - 797 Solo John claim
 - 798 America mine
 - 799 Junco mine
 - 801 Ajax mine
 - 802 Golden Fire mine
 - 804 Nevada Rand
 - 805 Broken Hills mine
 - 807 Montgomery Shoshone mine
 - 808 National Bank mine
 - 809 Original Balling mine
 - 810 Mint mine
 - 813 Como-Eureka
 - 819 Alpha claim
 - 822 Consolidated Virginia mine
 - 872 Comstock
 - 876 Delaware mine
 - 879 Tonopah Divide mine
 - 881 Confidence mine
 - 884 Homestead mine
 - 892 Golden Crown group
 - 897 Bell Mountain mine
 - 916 Nevada Hills mine
 - 929 Mammoth prospect
 - 931 St Paul
 - 932 Ing group
 - 933 Hackney and Ohio
 - 934 Sam Jack group
 - 935 Black Butte mine
 - 954 Long Hill
 - 967 Silver King claims
 - 968 Lewisville mine
 - 970 Longstreet mine
 - 972 April Peak mine
 - 973 Bald Mountain prospect
 - 981 White Caps mine
 - 987 National mine
 - 988 Boston mine
 - 998 Gooseberry mine
 - 999 Ramsey
 - 1003 Rancho group
 - 1008 Diamond mine
 - 1010 Gold Hill mine
 - 1014 Consolidated and Whittier mines
 - 1017 16 to 1 mine
 - 1022 Silver Glance group
 - 1030 Lead Rock mine
 - 1037 Tonopah Mining Co
 - 1038 Timely Silver mine
 - 1048 Nevada
 - 1052 How Silver mine
 - 1053 Finza Harwood mine
 - 1054 Wilford group
 - 1065 Nevada Wonder mine
 - 1073 Dakota mine
 - 1074 Quo Valley
 - 1089 Mohawk mine
 - 1094 Pymontar
 - 1095 Jones-Kincaid
 - 1099 Atlanta mine
 - 1101 Buckhorn mine
 - 1102 Tonopah Harwood mine
 - 1104 Paradise Peak gold deposit
 - 1106 Florida Canyon mine
 - 1108 Hog Ranch
 - 1109 Bonanza mine
 - 1112 Little Canyon
 - 1113 Fire Creek
 - 1114 Royal Mountain Mining Co
 - 1116 Bonanza gold mine
 - 1117 Sleeper
 - 1118 Lewis
 - 1119 Hulse mine
 - 1122 Lucky Day claims
 - 1125 Confidence prospect
 - 1130 Lead Creek
 - 1134 Race Track mine
 - 1140 Virgin Valley Uranium claims
 - 1164 Colorado Triangulation mine
 - 1170 Black Rock prospect S
 - 1171 Black Jack mine
 - 1174 Raven Manganese group
 - 1177 Mayflower
 - 1182 Ditch Flat mine
 - 1184 Black Jack mine
 - 1185 Low Swan mine
 - 1187 Cahill mine
 - 1198 Freckles mine
 - 1199 Boston mine
 - 1201 Red Devil mine
 - 1211 Red Ore mine
 - 1212 Eagle prospect
 - 1216 Noguez prospect
 - 1220 Andes mine
 - 1223 B & B mine
 - 1227 Harvey mine
 - 1228 Mammoth 1-5 claims
 - 1230 Carlin Rock mine
 - 1231 GoldBank Quicksilver mine
 - 1235 Bessie Quicksilver mine
 - 1240 Miles
 - 1245 War Cloud property
 - 1247 Antelope property
 - 1248 Moser group (Hg)
 - 1249 Mount Tobin mine
 - 1251 McClellan group
 - 1255 McDermitt mine
 - 1259 Black Hawk mine
 - 1261 De Longchamps prospect
 - 1265 King George mine
 - 1270 A and B mine
 - 1273 Mercury Mining Co mine
 - 1292 Hoyt mine
 - 1298 Day Canyon mine
 - 1307 Eagle prospect
 - 1303 Mickapoot mine
 - 1304 King Solomon mine
 - 1307 W P mine
 - 1347 Wood Gulch
 - 1348 Alligator Ridge mine
 - 1349 Gold Pit
 - 1350 Gold Stone
 - 1351 Gold Stone
 - 1354 Margold mine
 - 1355 Big Springs
 - 1359 Bootcamp
 - 1357 Doe gold mine
 - 1358 Gold Acres open pit mine
 - 1360 Burns Basin gold prospect
 - 1361 Lemay Canyon gold
 - 1362 Winkler Creek
 - 1363 Wright Window
 - 1365 Carter gold mine
 - 1366 Horse Canyon mine
 - 1367 Pipeline
 - 1373 Billion Monarch mine
 - 1374 Carlin gold mine
 - 1375 Genesis
 - 1376 Gold Strike mine
 - 1380 Post
 - 1381 Gold Quarry mine
 - 1382 Maggie Creek open pit gold mine
 - 1384 Northumberland mine
 - 1385 Twin Creeks (Chimney)
 - 1388 Pueblo deposit
 - 1389 Pharon mine
 - 1391 Rans
 - 1394 Gold Bar
 - 1395 Gold Canyon
 - 1396 Starbuck property
 - 1397 Teahon Springs
 - 1399 Relief Canyon gold deposit

CENOZOIC MINERAL DEPOSITS AND CENOZOIC IGNEOUS ROCKS OF NEVADA

By
Edwin H. McKee and Barry C. Moring

Map Scale - 1:1,000,000
Map Projection - Lambert Conformal Conic