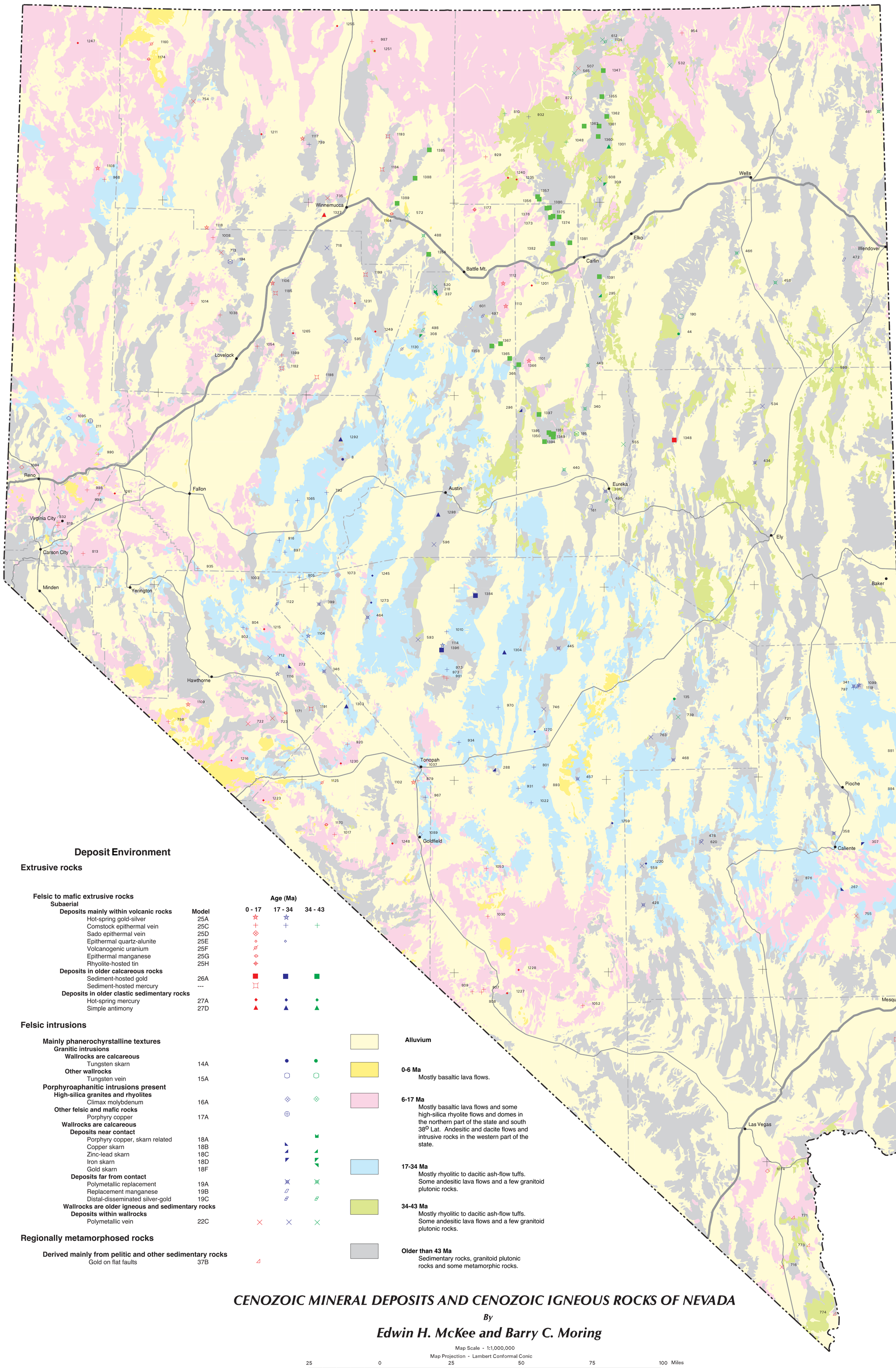

SELECTED DEPOSITS

8	Tungsten Mountain mine
44	Star mine
135	Terrell mine
161	Bisoni Flurspar deposit
190	Dawley Canyon Mica area
194	Majuba Hill East
195	Mount Hope
211	Guanomi mine
218	West Ore Body Copper Canyon
267	Culverwell adit
272	Calavada mine
288	Jumbo Pb prospect
295	Tripoli mine
296	Keystone mine
307	Dig a Little claims
308	McCoy Iron mine
309	Hogle
337	Tomboy-Minnie mine
340	Prince Of Wales mine
341	Silver Park mine
346	Simon mine
358	Gold Chief mine
366	Cortez Metals mine
386	Eureka Consolidated
399	Downeyville mine
428	Groom mine
434	Hunter-Vulcan
440	Mountain View mine
443	Mineral Hill mines
445	Lead Pipe property
457	New Reveille mine
458	Black Forest mine
461	Jackson mines
464	Grantsville mine
466	Polar Star group
468	Iron Cap claim
472	Darkey mine
478	South Paw
488	Lone Tree
496	Windfall mine
497	Hilltop mine
498	Cove
507	Humboldt mine
520	White and Shiloh mine
532	Rescue mine
534	Teacup (Biscuit) mine
555	Phillipsburg mine
559	Don Dale mine
565	Lucky Girl
572	Kramer-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	Ora Lovell
712	Silver Chief mines
713	North Star claims group
716	Quartette mine
718	Auburn mine
721	Silver King
722	Endowment mine
723	Silver Dyke mine
735	Pansy Lee mine
739	Troy and Gray Eagle mine
746	Dimick mine
754	Columbia mine
755	Cherokee mine
763	Rustler claim
771	Wall Street mine
773	Camp Dupont group
774	Homestake group
777	Key West
792	Williams mine
797	Solo Joker claim
798	Aurora mine
799	Jumbo mine
801	Ajax mine
802	Golden Pen mine
804	Nevada Rand
805	Broken Hills mine
807	Montgomery-Shoshone mine
808	National Bank mine
809	Original Bullfrog mine
810	Mint mine
813	Como-Eureka
819	Alpha claim
832	Consolidated Virginia mine
872	Cornucopia
876	Delamar mine
879	Tonopah Divide mine
881	Confidence mine
884	Horseshoe mine
893	Golden Crown group
897	Bell Mountain mine
916	Nevada Hills mine
920	Mammoth prospect
929	St Paul
931	Jeep group
932	Buckeye and Ohio
934	Sam Jack group
935	Black Butte mine
954	Long Hike
967	Silver King claims
968	Leadville mine
970	Longstreet mine
972	April Fool mine
973	Bald Mountain prospect
981	White Caps mine
987	National mine
990	Buster mines
998	Gooseberry mine
999	Ramsey
1003	Rawhide group
1008	Dreamland mine
1010	Gold Hill mine
1014	Kindergarten and Wihuja mines
1017	16 to 1 mine
1022	Silver Glance group
1030	Land Mark mine
1037	Tonopah Mining Co
1038	Trinity Silver mine
1048	Navajo
1052	Horn Silver mine
1053	Franz Hammel mine
1054	Willard group
1065	Nevada Wonder mine
1073	Duluth mine
1074	Quo Vadis
1089	Mohawk mine
1094	Paymaster
1095	Jones-Kincaid
1099	Atlanta mine
1101	Buckhorn mine
1102	Tonopah Hasbrouck mine
1104	Paradise Peak gold deposit
1106	Florida Canyon mine
1108	Hog Ranch
1109	Borealis mine
1112	Mule Canyon
1113	Fire Creek
1114	Round Mountain Mining Co
1116	Santa Fe gold mine
1117	Sleeper
1118	Lewis
1119	Hulse mine
1122	Lucky Day claims
1125	Coaldale prospect
1130	Dacie Creek
1134	Race Track mine
1160	Virgin Valley Uranium claims
1164	Golconda Tungsten mine
1170	Black Rock prospect S
1171	Black Jack mine
1174	Raven Manganese group
1177	Mayflower
1182	Pershing mine
1184	Dutch Flat mine
1185	Black Jack mine
1191	Lost Steer mine
1193	Cahill mine
1198	Freckles mine
1199	Horton mine
1201	Red Devil mine
1211	Red Ore mine
1215	Poinsetta mine
1216	Noguez prospect
1220	Andies mine
1223	B & B mine
1227	Harvey mine
1228	Mammoth 1-5 claims
1230	Castle Rock mine
1231	Goldbanks Quicksilver mine
1235	Butte Quicksilver mine
1240	Midas
1245	War Cloud property
1247	Antelope property
1248	Montezuma prospect (Hg)
1249	Mount Tobin mine
1251	McCormick 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	Dry Canyon mine
1301	Eagle prospect
1303	Mickspot mine
1304	King Solomon mine
1327	W P mine
1347	Wood Gulch
1348	Alligator Ridge mine
1349	Gold Pick
1350	Gold Ridge
1351	Gold Stone
1354	Marigold mine
1355	Big Springs
1356	Bootstrap
1357	Dee gold mine
1358	Gold Acres open pit mine
1360	Burns Basin gold prospect
1361	Jerritt Canyon gold
1362	Winters Creek
1363	Wright Window
1365	Cortez gold mine
1366	Horse Canyon mine
1367	Pipeline
1373	Bullion 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	Preble deposit
1389	Pinson mine
1391	Rain
1394	Gold Bar
1395	Gold Canyon
1396	Steigmeyer property
1397	Tonkin Springs
1399	Relief Canyon gold deposit

Deposit Environment

Extrusive rocks

	Model	Age (Ma) 0 - 17	17 - 34	34 - 43
Felsic to mafic extrusive rocks				
Subaerial				
Deposits mainly within volcanic rocks				
Hot-spring gold-silver	25A	☆	☆	
Comstock epithermal vein	25C	+	+	+
Sado epithermal vein	25D	◇		
Epithermal quartz-alunite	25E	◇	◇	
Volcanogenic uranium	25F	⌀		
Epithermal manganese	25G	⊖		
Rhyolite-hosted tin	25H	⊕		
Deposits in older calcareous rocks				
Sediment-hosted gold	26A	■	■	■
Sediment-hosted mercury	---	⌑		
Deposits in older clastic sedimentary rocks				
Hot-spring mercury	27A	◆	◆	◆
Simple antimony	27D	▲	▲	▲

Felsic intrusions

Mainly phanerochyrstalline textures				
Granitic intrusions				
Wallrocks are calcareous				
Tungsten skarn	14A	●	●	
Other wallrocks				
Tungsten vein	15A	⬡	⬡	
Porphyroaphanitic intrusions present				
High-silica granites and rhyolites				
Climax molybdenum	16A	◈	◈	
Other felsic and mafic rocks				
Porphyry copper	17A	⊕		
Wallrocks are calcareous				
Deposits near contact				
Porphyry copper, skarn related	18A		◆	
Copper skarn	18B	◣		
Zinc-lead skarn	18C	◢	◢	
Iron skarn	18D	◤	◤	
Gold skarn	18F		◥	
Deposits far from contact				
Polymetallic replacement	19A	⊗	⊗	
Replacement manganese	19B	▱		
Distal-disseminated silver-gold	19C	▱	▱	
Wallrocks are older igneous and sedimentary rocks				
Deposits within wallrocks				
Polymetallic vein	22C	×	×	×

Regionally metamorphosed rocks

Derived mainly from pelitic and other sedimentary rocks		
Gold on flat faults	37B	◿

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 tuffs. Some andesitic lava flows and a few granitoid plutonic rocks.

34-43 Ma
Mostly rhyolitic to dacitic ash-flow tuffs. Some andesitic lava flows and a few granitoid plutonic rocks.

Older than 43 Ma
Sedimentary rocks, granitoid plutonic rocks and some metamorphic rocks.

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

25 0 25 50 75 100 Miles

25 0 25 50 75 100 Kilometers