



Qmt Mill tailings. Silt and sand, sparsely vegetated

Qha3 Alluvium 3. Gravel and sand along modern stream channels, sparsely vegetated, depositional morphology well preserved

Qha2 Alluvium 2. Gravel and sand, well vegetated, depositional morphology well preserved

Qha1 Alluvium 1. Gravel and sand, well vegetated, depositional morphology somewhat subdued and rounded

Qht Stream terrace. Gravel and sand of terrace along Poker Brown Wash and unnamed stream to north, 2-4 m above later alluvium. Capped by Toyeh Soil

Qhd Dune. Eolian sand in dunal landforms

Qhd Sand sheet. Eolian sand in flat-lying sheets

Qhp Playas. Silty, crusty, unvegetated areas lying below surrounding topography, excavated by deflation

Qhu Holocene deposits, undivided

Qswm Seho Formation: deposited by and adjacent to Lake Lahontan. **Qswg**: alluvial, deltaic, and shoreline sand and gravel, depositional morphology completely eroded away

Qsc Quaternary-Tertiary alluvium. Cemented sand and gravel, depositional morphology completely eroded away

Qslp Quaternary-Tertiary basalt

Qsf Mesozoic rocks, undivided. Includes Auld Lang Syne Group and Cretaceous granodiorite

Qsu Capped by Toyeh Soil. **Qsf**: linear shore ridges of gravel and sand deposited by waves of Lake Lahontan. **Qsu**: undivided Seho Formation

Qswm Wyemaha Formation. **Qswm**: travertine-armor spring mounds. **Qswa**: generally distinctly reddish sandy, silty, and gravely alluvium capped by Churchill Soil. Includes Indian Lakes Formation (unmapped)

Qwe Wyemaha and Eetza Formations, undivided

Qec Eetza Formation: deposited by and adjacent to Lake Lahontan. **Qec**: massive to finely layered silty clay, lacustrine. **Qeg**: gravel and sand in base of Eetza Formation, deltaic. **Qeu**: undivided Eetza Formation

Qpa Paiute Formation. Alluvial sand, silt, and gravel, capped by Cocoon Soil. Distinctly reddish in color

Qpl Pre-Lahontan sediments. Sand and gravel capped by Cocoon Soil. Surface either deeply dissected or marked by numerous unvegetated depressions set about 50 cm into surface

Qta Quaternary-Tertiary alluvium. Cemented sand and gravel, depositional morphology completely eroded away

Qtb Quaternary-Tertiary basalt

Mu Mesozoic rocks, undivided. Includes Auld Lang Syne Group and Cretaceous granodiorite

Geologic contact. Dashed where approximate

Fault. Dashed where approximate; ball on downthrown side

Linear shoreline feature. Dashed where approximate

Lahontan beach

Scale 1:24,000

0 0.5 1 KILOMETER
0 0.5 MILE

CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL

GEOLOGIC MAP OF THE RYE PATCH RESERVOIR SOUTH QUADRANGLE, NEVADA

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