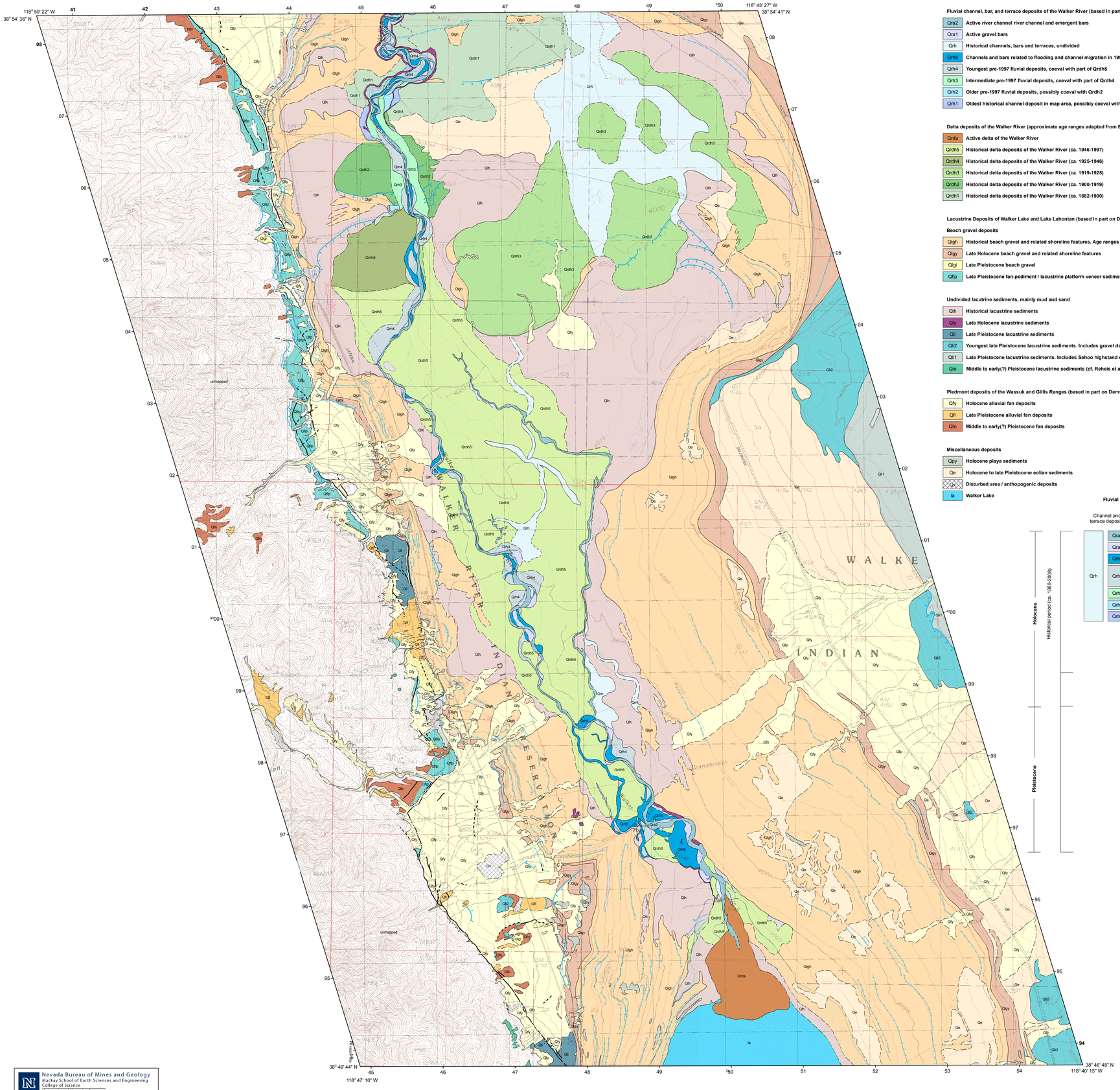


Fluvial channel, bar, and terrace deposits of the Walker River (based in part on Adams, 2007)

- Qra2 — Active river channel river channel and emergent bars
- Qra1 — Active gravel bars
- Qrh — Historical channels, bars and terraces, undivided
- Qrh5 — Channels and bars related to flooding and channel migration in 1997
- Qrh4 — Youngest pre-1997 fluvial deposits, coeval with part of Qrdh5
- Qrh3 — Intermediate pre-1997 fluvial deposits, coeval with part of Qrdh4
- Qrh2 — Older pre-1997 fluvial deposits, possibly coeval with Qrdh2
- Qrh1 — Oldest historical channel deposit in map area, possibly coeval with Qrdh2

Delta deposits of the Walker River (approximate age ranges adapted from Blair and McPherson, 1994)

- Qrda — Active delta of the Walker River
- Qrdh5 — Historical delta deposits of the Walker River (ca. 1946-1997)
- Qrdh4 — Historical delta deposits of the Walker River (ca. 1925-1946)
- Qrdh3 — Historical delta deposits of the Walker River (ca. 1919-1925)
- Qrdh2 — Historical delta deposits of the Walker River (ca. 1900-1919)
- Qrdh1 — Historical delta deposits of the Walker River (ca. 1882-1900)

Lacustrine Deposits of Walker Lake and Lake Lahontan (based in part on Demsey, 1987)

Beach gravel deposits

- Qlgh — Historical beach gravel and related shoreline features. Age ranges from 1868-1882 to the present
- Qlgy — Late Holocene beach gravel and related shoreline features
- Qlgi — Late Pleistocene beach gravel
- Qlfp — Late Pleistocene fan-pediment / lacustrine platform veneer sediments

Undivided lacutrine sediments, mainly mud and sand

- Qlh — Historical lacustrine sediments
- Qly — Late Holocene lacustrine sediments
- Qli — Late Pleistocene lacustrine sediments
- Qli2 — Youngest late Pleistocene lacustrine sediments. Includes gravel deposits related to stable lake level at 1310-1315 m
- Qli1 — Late Pleistocene lacustrine sediments. Includes Sehoo highstand of Lake Lahontan
- Qlo — Middle to early(?) Pleistocene lacustrine sediments (cf. Reheis et al., 2002)

Piedmont deposits of the Wassuk and Gillis Ranges (based in part on Demsey, 1987)

- Qfy — Holocene alluvial fan deposits
- Qfi — Late Pleistocene alluvial fan deposits
- Qfo — Middle to early(?) Pleistocene fan deposits

Miscellaneous deposits

- Qpy — Holocene playa sediments
- Qe — Holocene to late Pleistocene eolian sediments
- Disturbed area / anthopogenic deposits
- la — Walker Lake

Contact Solid where certain and location accurate, long-dashed where approximate, short-dashed where inferred, dotted where concealed; queried where uncertain.

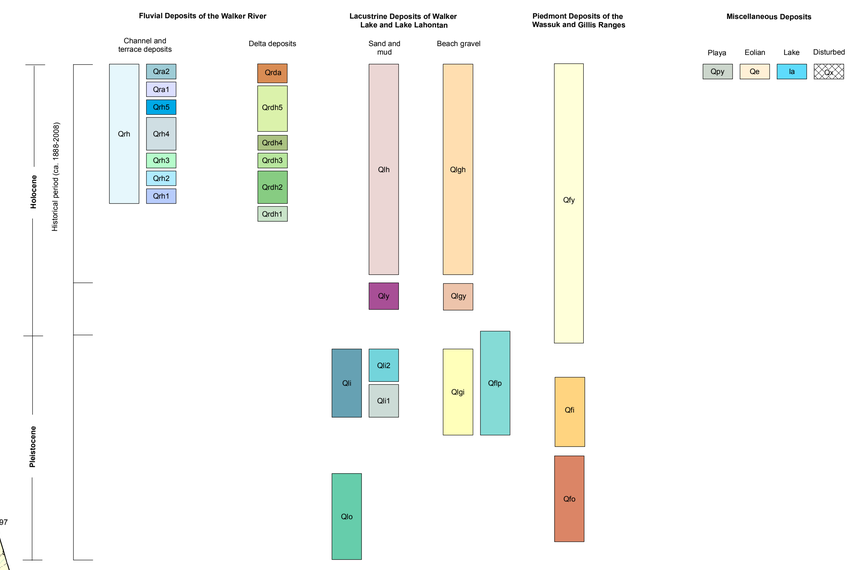
Internal contact Solid where certain and location accurate.

Erosional shoreline Solid where certain and location accurate; queried where uncertain. Triangles point onshore.

Fault Solid where certain and location accurate, long-dashed where approximate, short-dashed where inferred, dotted where concealed; queried where uncertain.

Lacustrine spit or bar Solid where certain and location accurate; queried where uncertain.

Wave-modified fault scarp



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DRAFT
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2056

PRELIMINARY GEOLOGIC MAP OF THE SOUTHERN PART OF THE LOWER WALKER RIVER AREA, MINERAL COUNTY, NEVADA

P. Kyle House and Kenneth D. Adams

2009

Map location

Adjoining 7.5' quadrangle names

1	2	3	4
5	6	7	8
9	10	11	12

1 Hussman Spring
2 Schurz
3 Gillis Canyon NW
4 Hu-Pwi Wash
5 Buck Brush Spring
6 Reese River Canyon
7 Gillis Canyon
8 Ghost Dance Ridge
9 Butler Mtn.
10 Cooper Canyon
11 Walker Lake
12 Ryan Canyon

Scale 1:24,000

0 0.5 1 kilometer

0 0.5 1 mile

0 1000 2000 3000 4000 5000 feet

CONTOUR INTERVAL 10-40 FEET

Projection: Universal Transverse Mercator, Zone 11, North American Datum 1983 (m)

Base map: U.S. Geological Survey Schurz 7.5' Quadrangle (1988), Gillis Canyon NW 7.5' Quadrangle (1988), Reese River Canyon 7.5' Quadrangle (1988), Gillis Canyon 7.5' Quadrangle (1988)