NEVADA BUREAU OF MINES AND GEOLOGY

Prepared as part of the STATEMAP component of the National Cooperative Geologic Mapping Program in cooperation with the U.S. Geological Survey

OPEN-FILE REPORT 10-11
PRELIMINARY REVISED GEOLOGIC MAPS OF THE VERDI, RENO, AND VISTA 7.5' QUADRANGLES, RENO URBAN AREA, NEVADA

PRELIMINARY REVISED GEOLOGIC MAPS OF THE VERDI, RENO, AND VISTA 7.5' QUADRANGLES, RENO URBAN AREA, NEVADA

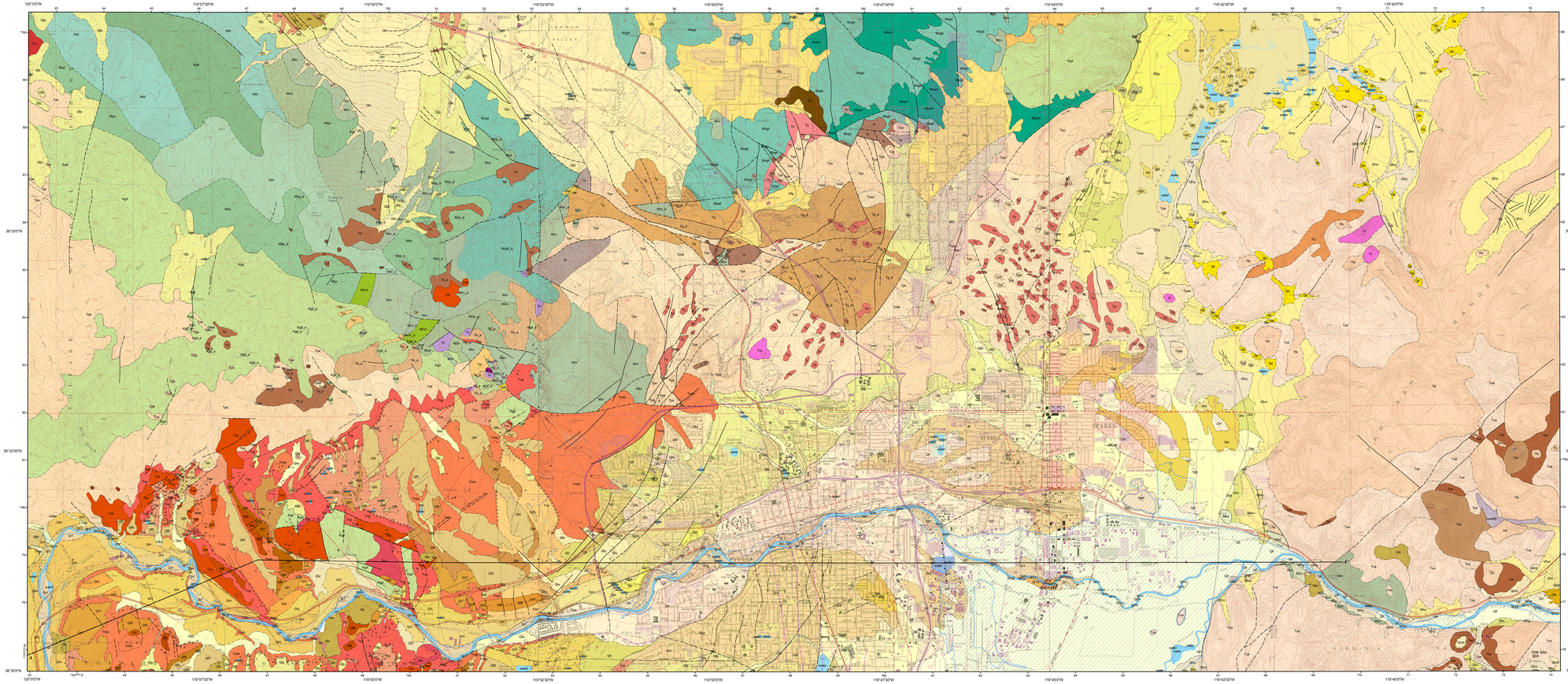
Alan R. Ramelli[1] and Christopher D. Henry[1]

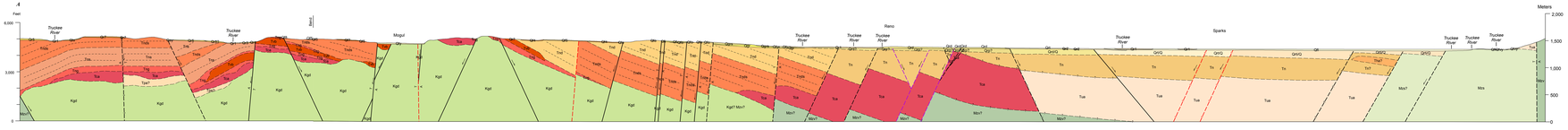
With contributions by John W. Bell[1], Patricia H. Cashman[2], Larry J. Garside[1], P. Kyle House[1], James H. Trexler[2], Jerome P. Walker[3], and Michael C. Widmer[4]

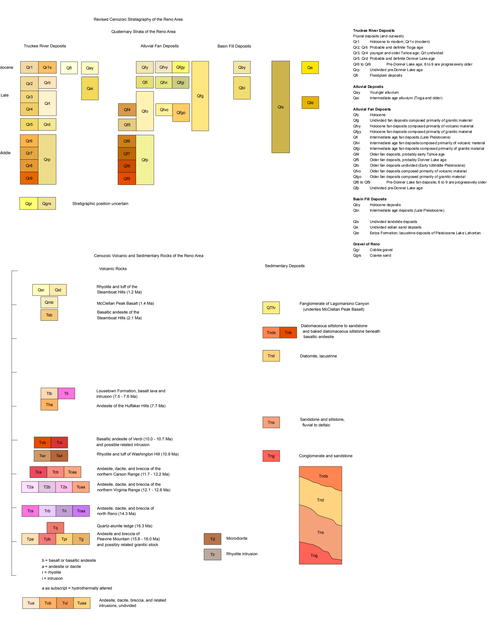
[1]Nevada Bureau of Mines and Geology; [2]Department of Geological Sciences, University of Nevada, Reno; [3]Consulting Geologist; [4]Washoe County Department of Water Resouces

2010

Revised from published geologic maps:
NBMG Map 4Gg, Geologic map of the Verdi quadrangle, John W. Bell and Larry J. Garside (1987);
NBMG Map 4Ag, Geologic map of the Reno quadrangle, Harold F. Bonham and Edward C. Bingler (1973);
and NBMB Map 4Hg, Geologic map of the Vista quadrangle, John W. Bell and Harold F. Bonham (1987)







Symbology (per FGDC-STD-013-2006)

Contact. Solid where certain and location accurate, long-dashed where approximate, short-dashed where inferred, dotted where concealed, queried if identity or existence uncertain.

Gradational contact. Approximately located.

Fault. Solid where certain and location accurate, long-dashed where approximate, short-dashed where inferred, dotted where concealed, queried if identity or existence uncertain. Ball on downthrown side. (In cross section—A, away from observer; I, toward observer; Arrows show relative motion.)

Subsurface - Well data

Inferred - INSAR data

Normal fault. Solid where certain and location accurate, long-dashed where approximate, dotted where concealed, queried if identity or existence uncertain. Ball on downthrown side.

Water boundary

Extent of 1997 flood

Areas of intense hydrothermal alteration

Strike and dip of bedding
Inclined — Vertical — Horizontal — Overturned

Strike and dip of compact foliation in ash-flow tuff
Inclined — Vertical

Strike and dip of flow banding or flow foliation in igneous rocks
Inclined — Vertical

Strike and dip of flow banding or flow foliation in metamorphic rocks
Inclined

Strike and dip of joints
Inclined — Vertical

Sample locality
TV-7

Line of cross section
A'

CONTOUR INTERVAL:
Verdi — 40 FEET
Reno — 20 FEET
Vista — 20 FEET

Projection: Universal Transverse Mercator, Zone 11, North American Datum 1927 (m)

Base map: U.S. Geological Survey Verdi 7.5' quadrangle (1967, Photorevised 1982)
U.S. Geological Survey Reno 7.5' quadrangle (1967, Photorevised 1982)
U.S. Geological Survey Vista 7.5' quadrangle (1979, Photorevised 1982)

Adjoining 7.5' quadrangle names

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15

1 Evans Canyon
2 Reno NW
3 Reno NE
4 Griffith Canyon
5 Spanish Springs Peak
6 Dog Valley
7 Verdi
8 Reno
9 Vista
10 Patrick
11 Boca
12 Mount Rose NW
13 Mount Rose
14 Steamboat
15 Chalk Hills

Map location

Scale 1:24,000
0 0.5 1 kilometer
0 0.5 1 mile
0 1,000 2,000 3,000 4,000 5,000 feet

Nevada Bureau of Mines and Geology
Mackay School of Earth Sciences and Engineering
University of Nevada, Reno

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[plain?]
Preliminary geologic map.
Has not undergone official or field review
for conformity with standards.

Edited by XXXXXXXXXXXXXXX
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by Alan R. Ramelli, Christopher D. Henry, Vera Seelan, and Jennifer Mauldin
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Nevada Bureau of Mines and Geology
Mail Stop 178
Reno, Nevada 89557-0088
ph: (775) 682-8766
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