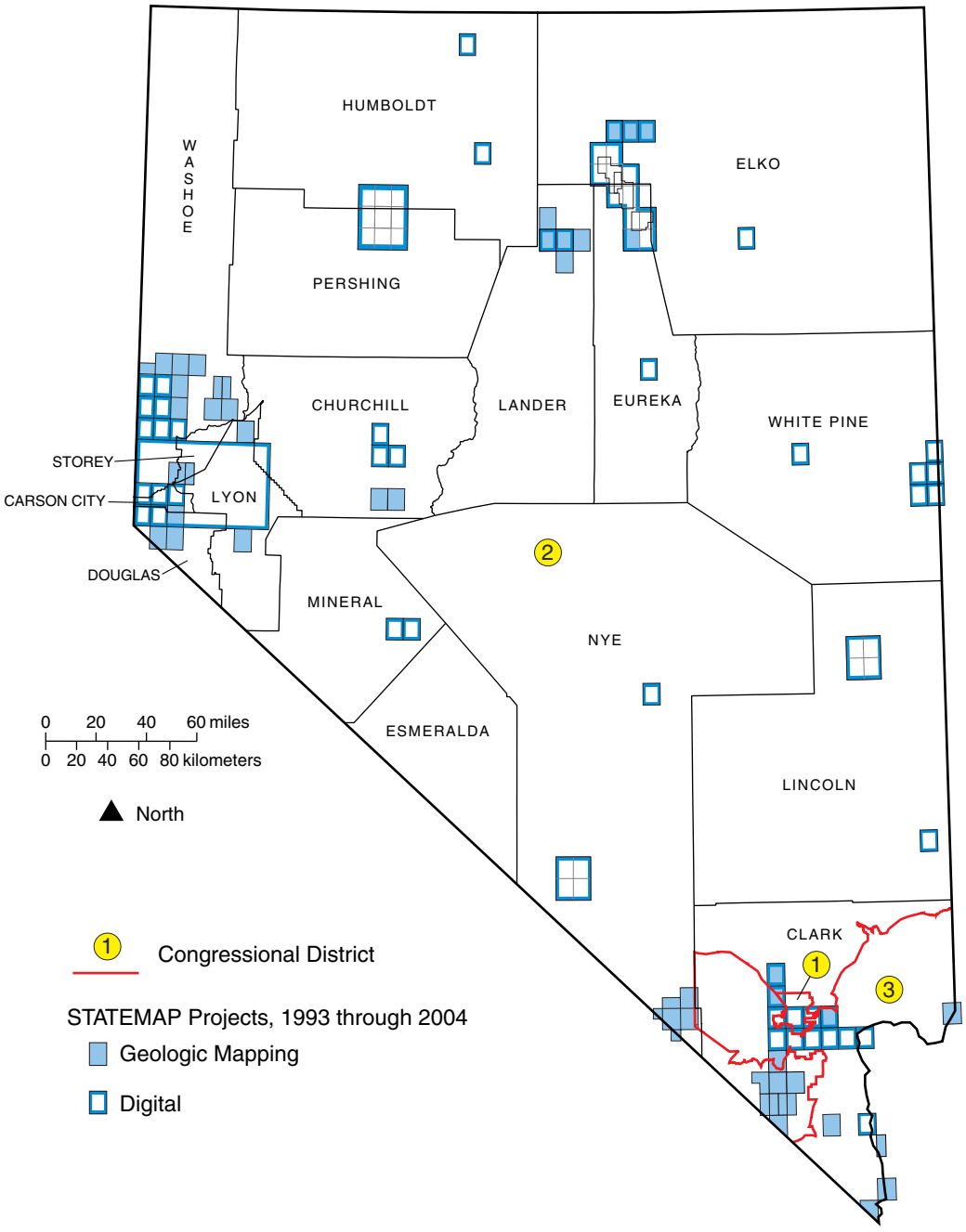
Association of American State Geologists

United States Geological Survey

National Cooperative Geologic Mapping Program

NEVADA



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SUMMARY OF STATEMAP GEOLOGIC MAPPING PROGRAM IN NEVADA

Las Vegas Area

New geologic maps of 7.5-minute quadrangles at 1:24,000 scale

- Bird Spring (2004)
- Corn Creek Springs (1997)
- Davis Dam (1999)
- NV part of Desert (2003)
- Frenchman Mountain (1994)
- E1/2 of Goodsprings (2002)
- NW1/4 of Goodsprings (2004)
- W1/2 of Hidden Valley (2003)
- E1/2 of Hidden Valley (2004)
- Horse Springs (2000)
- Iceberg Canyon (2001)
- Jean (2002)
- Last Chance Range (2001)
- W1/2 McCullough Pass (2003)
- W1/2 Mount Manchester (2003)
- Nelson SW (1998)
- NE1/4 Nopah Peak (2002)
- Pahrump (1998)
- E1/2 of Roach (2003)
- W1/2 of Roach (2002)
- W1/2 of Spirit Mtn NE (2004)
- Sixmile Spring (2000)
- E1/2 of State Line Pass (2002)
- NE1/4 Stewart Valley (2002)
- Tule Springs Park (1996)

Digital versions of previously published 7.5-minute geologic quadrangle maps

- Blue Diamond NE (2001)
- Blue Diamond SE (2001)
- Boulder Beach (2000)
- Corn Creek Springs (2001)
- Fire Mountain (2001)
- Frenchman Mountain (2002)
- Henderson (2000)
- Hoover Dam (2000)
- Las Vegas NE (2000)
- Las Vegas NW (2000)
- Las Vegas SE (2000)
- Las Vegas SW (2000)
- Mount Davis (2002)
- Tule Springs Park (2001)

Reno Area

New geologic maps of 7.5-minute quadrangles at 1:24,000 scale

- Dogskin Mountain (2000)
- Fernley East (2004)
- W1/2 of Flowery Peak (2004)
- Fraser Flat (1998)
- Gardnerville (1999)
- Griffith Canyon (1996)
- McTarnahan Hill (1997)
- Minden (2001)
- Olinghouse (1993)
- W1/2 of Nixon (2002)
- E1/2 Pah Rah Mtn (2003)
- S1/2 Seven Lakes Mtn (2004)
- Sutcliffe (2001)
- Tule Peak (1999)
- Virginia City (2000)
- Wadsworth (1993)
- Yerington (2000)

Digital versions of previously published 7.5-minute geologic quadrangle maps

- Bedell Flat (2001)
- Carson City (2001)
- Genoa (2001)
- Glenbrook (2001)
- Granite Peak (2001)
- Marlette Lake (2001)
- New Empire (2001)
- Reno (2000)
- Reno NE (2000)
- Reno NW (2000)
- Verdi (2000)
- Vista (2000)

Digital versions of previously published 30x60-minute geologic quadrangle maps

- Carson City (2001), 1:100,000 scale

Humboldt River Basin

New geologic maps of 7.5-minute quadrangles at 1:24,000 scale

- Argenta (1999)
- Bateman Spring (1999)
- Battle Mountain (1997)
- Emigrant Pass (1998)
- Mount Blitzen (1996)
- Russells (2002)
- Stony Point (1998)
- Toe Jam Mountain (1997)
- Tuscarora (1997)

Digital versions of previously published 7.5-minute geologic quadrangle maps

- Battle Mountain (2002)
- Mount Blitzen (2001)
- Stony Point (2002)
- Toe Jam Mountain (2002)
- Tuscarora (2001)

Digital versions of Carlin trend maps

- North Carlin trend (2003),1:24,000 scale
- Maggie Creek district (2003), 1:18,000 scale
- North trend (2003), 1:6,000 scale

Other Areas

New geologic maps of 7.5-minute quadrangles at 1:24,000 scale

- Bell Canyon, Churchill County (1995)
- Bell Mountain, Churchill County (1995)

Digital versions of previously published 7.5-minute geologic quadrangle maps

- Bettles Well (2001)
- Buckskin Mountain (2001)
- Delvada Spring (2001)
- Frazier Creek (2001)
- Job Peak (2001)
- Lamoille (2002)
- Lime Mountain (2002)
- Little Horse Canyon (2001)
- Mina (2001)
- Mount Moriah (2001)
- Old Mans Canyon (2001)
- Pirouette Mountain (2001)
- Reveille (2001)
- Robinson Summit (2001)
- Spring Mountain (2001)
- Wonder Mountain (2001)

Digital versions of other previously published 1:24,000-scale geologic maps

- Bullfrog Hills (2002)
- Eugene Mountains (2002)
- Fairview Range (2002)
- Grassy Mountain (2002)

The STATEMAP part of the National Cooperative Geologic Mapping Program has helped Nevadans by significantly increasing the geographic coverage of detailed maps produced by the Nevada Bureau of Mines and Geology. Geologic mapping in the Las Vegas and Reno urban areas is focused primarily on issues related to growth and land management, including earthquake and flood hazards, land subsidence due to ground-water withdrawal, collapsing and expanding soils, landslides, ground-water protection, air quality, and raw materials for construction. Mapping of the Humboldt River basin provides key information on the origin of its precious metal deposits, which make Nevada the leading gold and silver producer in the U.S., and on the environmental and economic impacts of mining and climatic change. Planners, scientists, engineers, managers, policy makers, teachers, students, and members of the general public who are interested in the world around them use geologic maps. Only about 20% of Nevada's 1,980 7.5-minute quadrangles are adequately mapped with the detail that is needed for most applications.

STATEMAP FUNDING

Federal Fiscal Year	State Dollars	Federal Dollars	Total Project Dollars
93	20,519	20,000	40,519
94	21,746	20,000	41,746
95	15,113	10,000	25,113
96	126,444	123,780	250,224
97	261,357	152,410	413,767
98	258,917	139,424	398,341
99	175,175	115,500	290,675
00	135,520	111,210	246,730
01	216,702	196,289	412,991
02	220,825	213,597	434,422
03	184,860	183,231	368,091
04	203,225	171,583	374,808
	$1,840,403	$1,457,024	$3,297,427