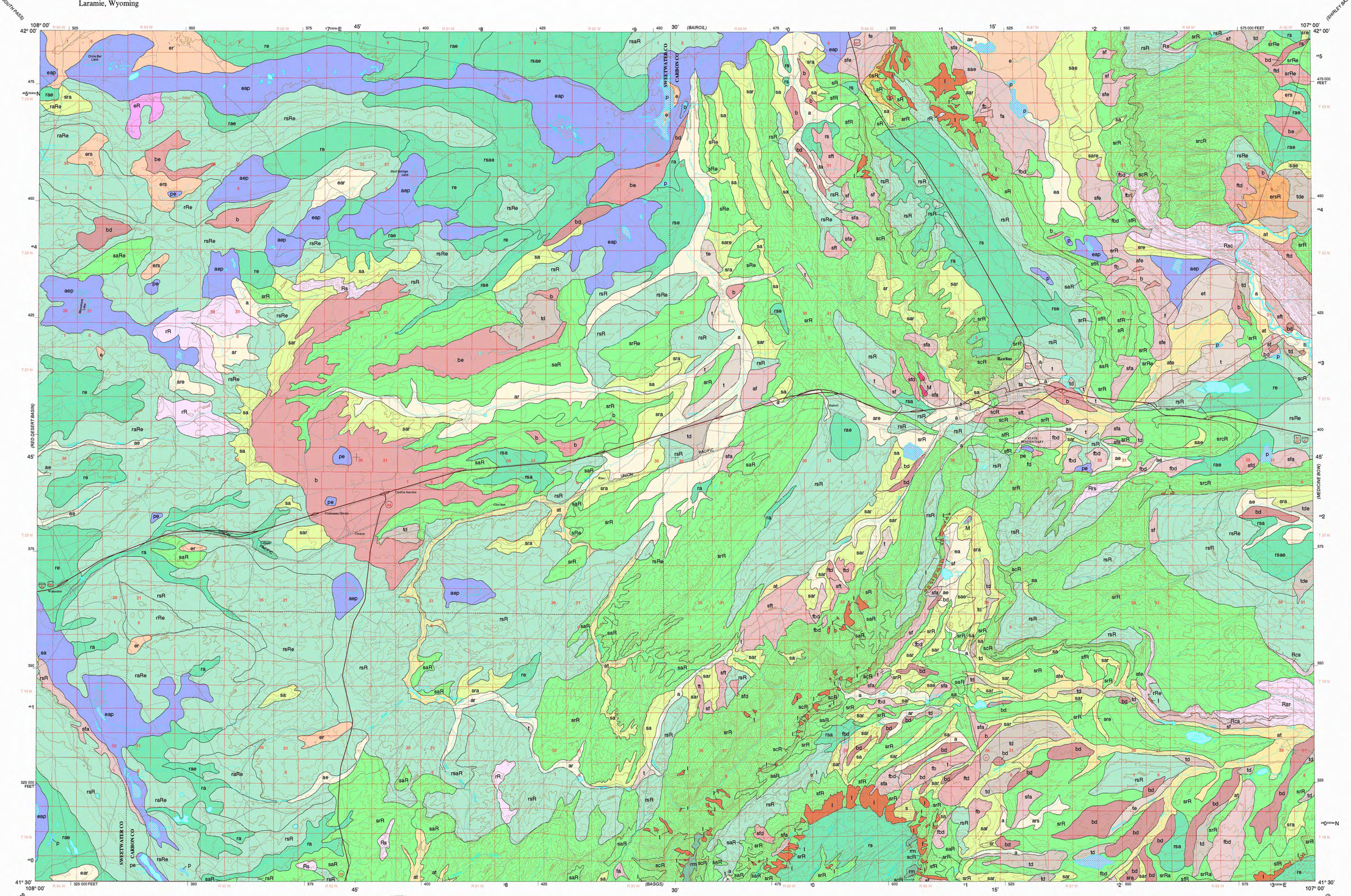
Laramie, Wyoming

Preliminary Rawlins, Wyoming Surficial Geologic Map
1:100,000-Scale Series



Blue 10,000-meter ticks: Universal Transverse Mercator, zone 13
25,000-foot grid ticks: Wyoming Coordinate System of 1927, East Central zone

Digital public land survey, hydrography, transportation, and hypsography by U.S. Geological Survey, 1995

NORTH
GN
MN
1°40'
30 MILS
13°30'
240 MILS
UTM GRID
DECLINATION AT CENTER OF SHEET
DIAGRAM IS APPROXIMATE

Contour Interval = 20 meters

SCALE 1:100,000

KILOMETERS

MILES

FEET

WYOMING

QUADRANGLE LOCATION

Produced with QuadView by GeoWare

This report is preliminary and has not been reviewed for conformity with the Wyoming State Geological Survey's editorial standards.

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CLASSIFICATION OF MAP UNITS

Alluvial Deposits - Alluvium

- Alluvium and alluvium mixed with eolian deposits, residuum, and/or slopewash (a, ae, ar, are, ars, ea, ear)
- Alluvium mixed with terrace deposits, with scattered eolian deposits (at, ate)

Alluvial Deposits - Alluvial Fan Deposits

- Alluvial fan deposits and alluvial fan deposits mixed with slopewash, alluvium, and/or eolian deposits (af, afe, f, fa, fe, sf, sfa, sfe)
- Alluvial fan deposits grading into bench deposits or terrace deposits, mixed with slopewash (fb, ft, sft)
- Alluvial fan deposits grading into dissected bench deposits (fbd)
- Dissected alluvial fan deposits and dissected alluvial fan deposits that grade into terrace deposits, mixed with slopewash (fd, ftd, sfd)

Alluvial Deposits - Bench Deposits

- Bench deposits and bench deposits mixed with eolian deposits (b, be)
- Dissected bench deposits (bd)

Alluvial Deposits - Terrace Deposits

- Terrace deposits and terrace deposits mixed with eolian deposits and/or alluvium (et, t, ta, te)
- Dissected terrace deposits and dissected terrace deposits mixed with eolian deposits (td, tde)

Eolian Deposits

- Eolian deposits and eolian deposits mixed with residuum and slopewash (e, er, ers)
- Eolian deposits mixed with scattered bedrock outcrops, residuum, and/or slopewash (ersR)

Landslide Deposits

- Landslide deposits (l)

Mesa

- Mesa caprock mixed with residuum (rm)

Playa Lake and Playa Lake Deposits

- Playa lake, playa lake deposits, and playa lake deposits mixed with eolian deposits and/or alluvium (aep, eap, p, pe) - Not all playas or playa deposits are mapped due to scale limitations

Slopewash

- Slopewash and slopewash mixed with alluvium, residuum, and/or eolian deposits (s, sa, sae, sar, sare, sr, sra, sre)
- Slopewash mixed with scattered bedrock outcrops and residuum, colluvium, alluvial fan deposits, alluvium, and/or eolian deposits (saR, saRe, scR, sfR, sR, sRe, srcR, srR, srRa, srRe)

Colluvium

- Colluvium mixed with scattered bedrock outcrops and slopewash (csR)

Residuum

- Residuum mixed with alluvium, eolian deposits, and/or slopewash (ra, rae, re, rs, rsa, rsae, rse)
- Residuum mixed with scattered bedrock outcrops and eolian deposits, slopewash, and/or alluvium (raRe, rRe, rsaR, rsR, rsRe)

Bedrock

- Bedrock mixed with slopewash, colluvium, and/or residuum (Rcs, rR, Rrs, Rs, Rsr, Rsc)
- Bedrock with a thin mantle of eolian deposits (eR)

Lake

- Lake and associated lacustrine deposits

Mined Areas

- Open pit mines and quarries (M)

PRELIMINARY DIGITAL SURFICIAL GEOLOGIC MAP OF THE RAWLINS 30 x 60 MINUTE QUADRANGLE, CARBON AND SWEETWATER COUNTIES, WYOMING

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