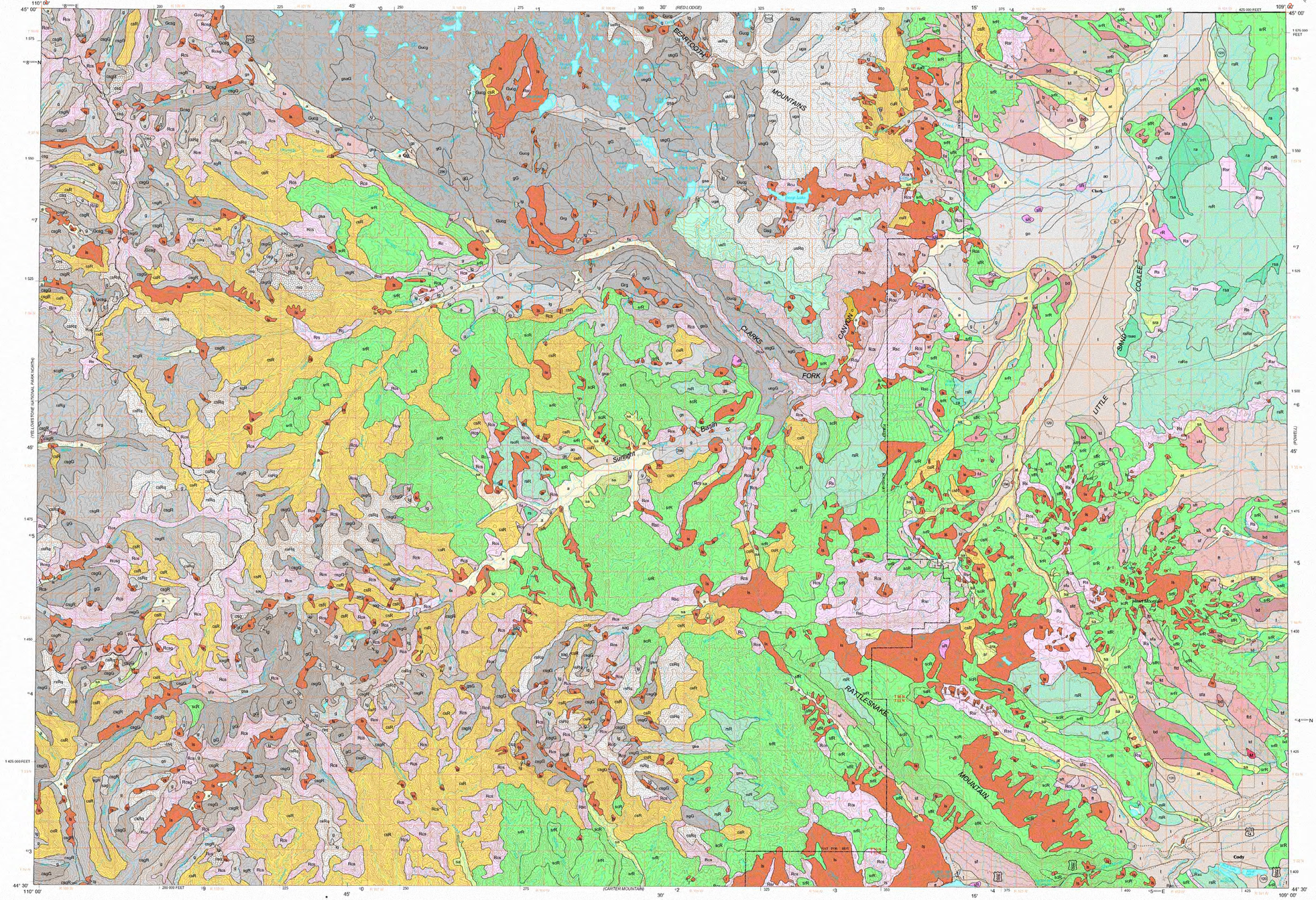
WYOMING STATE GEOLOGICAL SURVEY
Laramie, Wyoming

**Geologic Hazards Section Digital Map 00-3 (HSDM 00-3)**

**Preliminary Cody Wyoming Surficial Geologic Map**

**1:100,000-Scale Series**




## CLASSIFICATION OF MAP UNITS

**Alluvial Deposits - Alluvium**
- Alluvium and alluvium mixed with eolian deposits (a, ae)
- Alluvium mixed with terrace deposits (at)

**Alluvial Deposits - Alluvial Fan Deposits**
- Alluvial fan deposits and alluvial fan deposits mixed with slopewash, and/or alluvium (af, f, fa, sf, sfa)
- 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 (b)
- Dissected bench deposits (bd)

**Alluvial Deposits - Terrace Deposits**
- Terrace deposits and terrace deposits mixed with eolian deposits; dashed lines indicate different terrace levels (t, te)
- Dissected terrace deposits (td)

**Eolian Deposits**
- Eolian deposits (e)

**Landslide Deposits**
- Landslides and landslides mixed with slopewash (l, ls)

**Slopewash**
- Slopewash mixed with residuum and/or alluvium (sa, sr, sra)
- Slopewash mixed with scattered bedrock outcrops and residuum, alluvial fan deposits, alluvium, colluvium (saR, scR, sfR, srR)

**Colluvium**
- Colluvium (c)
- Colluvium mixed with scattered bedrock outcrops and grus and/or slopewash (csR, cuR)

**Glacial Deposits**
- Glacial outwash and glacial outwash mixed with alluvium, terrace deposits, and glacial deposits (ao, go, o, to)
- Glacial deposits and glacial deposits mixed with colluvium, slopewash, alluvium, residuum, grus, and landslide deposits (csg, g, gs, gsa, lg, sag, srg, uga)
- Glacial deposits mixed with scattered bedrock outcrops and colluvium, residuum, and/or slopewash (csgR, gsR, rsRg, scgR, sgR)
- Glaciated bedrock with a mantle of glacial deposits and alluvium, colluvium, residuum, slopewash, and/or grus (csgG, Gcsg, gG, Grg, gsaG, gsG, Gg, Gsg, Gucg, Gusg, rgG, sgG, usgG)

**Periglacial features and deposits**
- Periglacial features and deposits mixed with colluvium, slopewash, and/or residuum (csq, rsq)
- Periglacial features and deposits mixed with bedrock outcrops and grus, colluvium, residuum, and/or slopewash (csRq, rsRq, usRq)

**Residuum**
- Residuum mixed with slopewash, alluvium, and/or eolian deposits (ra, rs, rsa, rsae)
- Residuum mixed with scattered bedrock outcrops and slopewash, alluvium, eolian deposits, and/or colluvium (raRe, rscR, rsR)
- Grus mixed with scattered bedrock outcrops and slopewash (usR)

**Bedrock**
- Bedrock mixed with colluvium, glacial debris, slopewash, grus, and/or residuum (Rc, Rcs, Rcsg, Rcu, Rrs, Rs, Rsc, Rsr, Rus)
- Bedrock with a *thin* mantle of residuum and/or slopewash (rR, sR)

**Lake**
- Lake
- Inundation area

**Mined Areas**
- Mined areas (M)

Blue 10 000-meter ticks: Universal Transverse Mercator, zone 12
25 000-foot grid ticks: Wyoming Coordinate System of 1927, East zone

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

GN
15 1/2°
276 MILS
1°03'
19 MILS
UTM GRID
DECLINATION AT CENTER OF SHEET
DIAGRAM IS APPROXIMATE

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 Wyoming State Geological Survey editorial standards

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# PRELIMINARY DIGITAL SURFICIAL GEOLOGIC MAP OF THE CODY 30' x 60' QUADRANGLE, PARK COUNTY, WYOMING

mapped and compiled by
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digital cartography by
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