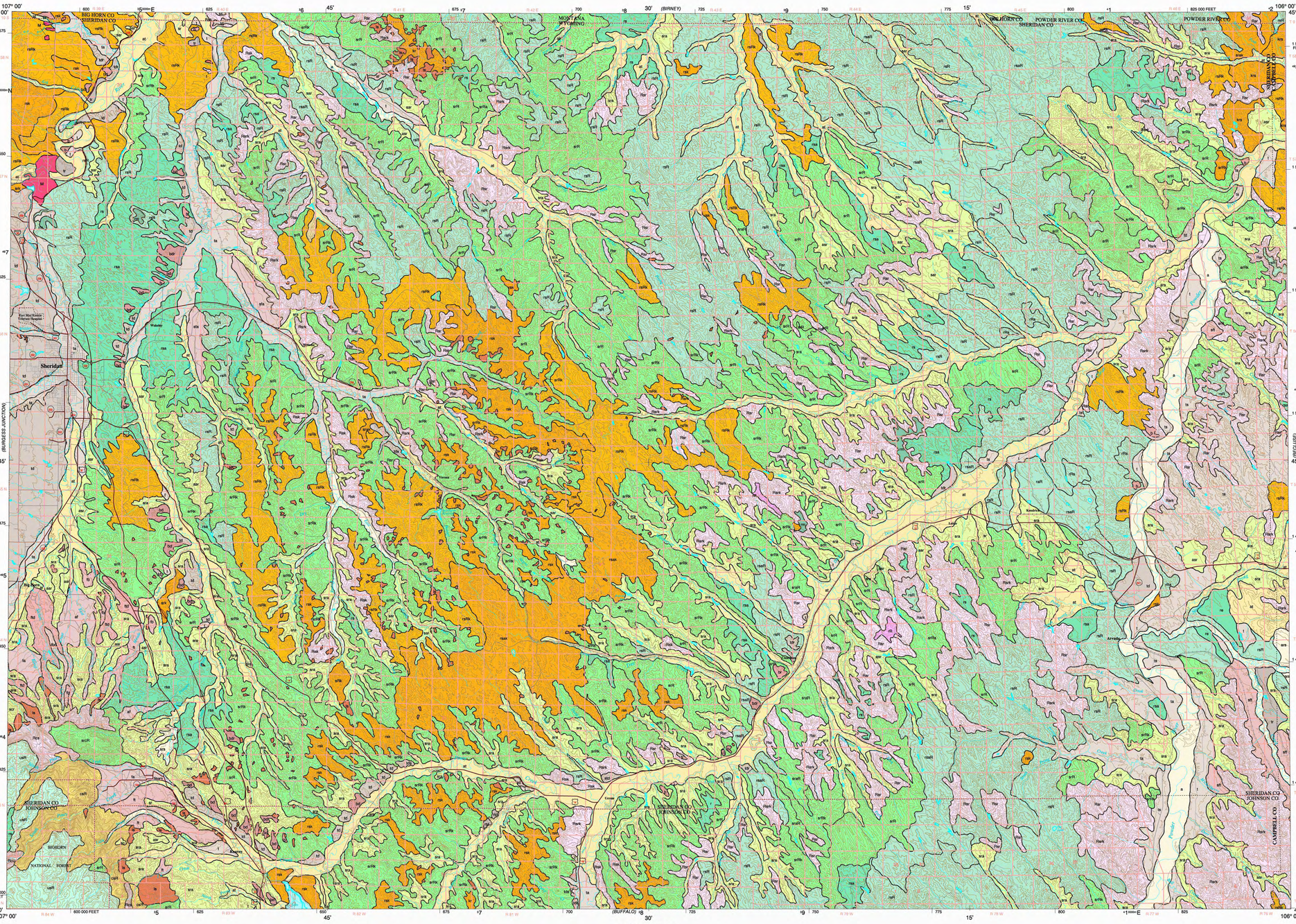
Laramie, Wyoming



Geologic Hazards Section Digital Map 99-5 (HSDM 99-5)
Preliminary Sheridan Wyoming Surficial Geologic Map
1:100,000 Scale Series

CLASSIFICATION OF MAP UNITS

Alluvial Deposits - Alluvium
- Alluvium and alluvium mixed with residuum and slopewash (a, ars)
- Alluvium mixed with terrace deposits (at)

Alluvial Deposits - Alluvial Fan Deposits
- Alluvial fan deposits mixed with slopewash and/or alluvium (af, 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 that grade into terrace deposits (ftd)

Alluvial Deposits - Bench Deposits
- Bench deposits and bench deposits mixed with residuum (b, br)
- Dissected bench deposits and dissected bench deposits mixed with residuum (bd, bdr)

Alluvial Deposits - Terrace Deposits
- Terrace deposits and terrace deposits mixed with alluvium, and/or slopewash (t, ta, ts)
- Dissected terrace deposits and dissected terrace deposits mixed with slopewash (std, td, tdr, tds)
- Shallow terrace deposits mixed with residuum (rt, tr)
- Dissected shallow terrace deposits mixed with residuum (rtd)

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

Mesa Deposits
- Mesa caprock mixed with a thin cover of residuum (rm)

Slopewash
- Slopewash mixed with alluvium, residuum and/or colluvium (asr, sa, sar, sc, scr, sr, sra)
- Slopewash mixed with scattered bedrock outcrops and residuum, alluvium, colluvium, and/or clinker (sraR, srcR, srR, srRa, srRk)

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

Residuum
- Residuum and residuum mixed with slopewash, alluvium, and/or eolian deposits (r, re, rs, rsa)
- Residuum mixed with scattered bedrock outcrops and slopewash, and/or alluvium (raR, rRs, rsaR, rsR)
- Grus mixed with scattered bedrock outcrops and slopewash (usR)

Bedrock
- Bedrock mixed with colluvium, slopewash, and/or grus (Rcs, Rcu)
- Bedrock with a thin mantle of residuum (rR)

Clinker Deposits
- Clinker mixed with residuum, slopewash and/or alluvium (kr, krs, rak, rsak, rsk, srak, srk)
- Clinker mixed with scattered bedrock outcrops, residuum, and slopewash (rsRk)

Lake
- Lake

Mined Areas
- Mined areas

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, and transportation by U.S. Geological Survey, 1995

Digital hypsography by Wyoming State Geological Survey, 1998

GN
1°03' 19 MILS
14 1/2° 258 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 SHERIDAN 30' x 60' QUADRANGLE, SHERIDAN, JOHNSON, AND CAMPBELL COUNTIES, WYOMING, AND SOUTHEASTERN MONTANA

mapped and compiled by
Laura L. Hallberg and James C. Case, 1999
digital cartography by
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