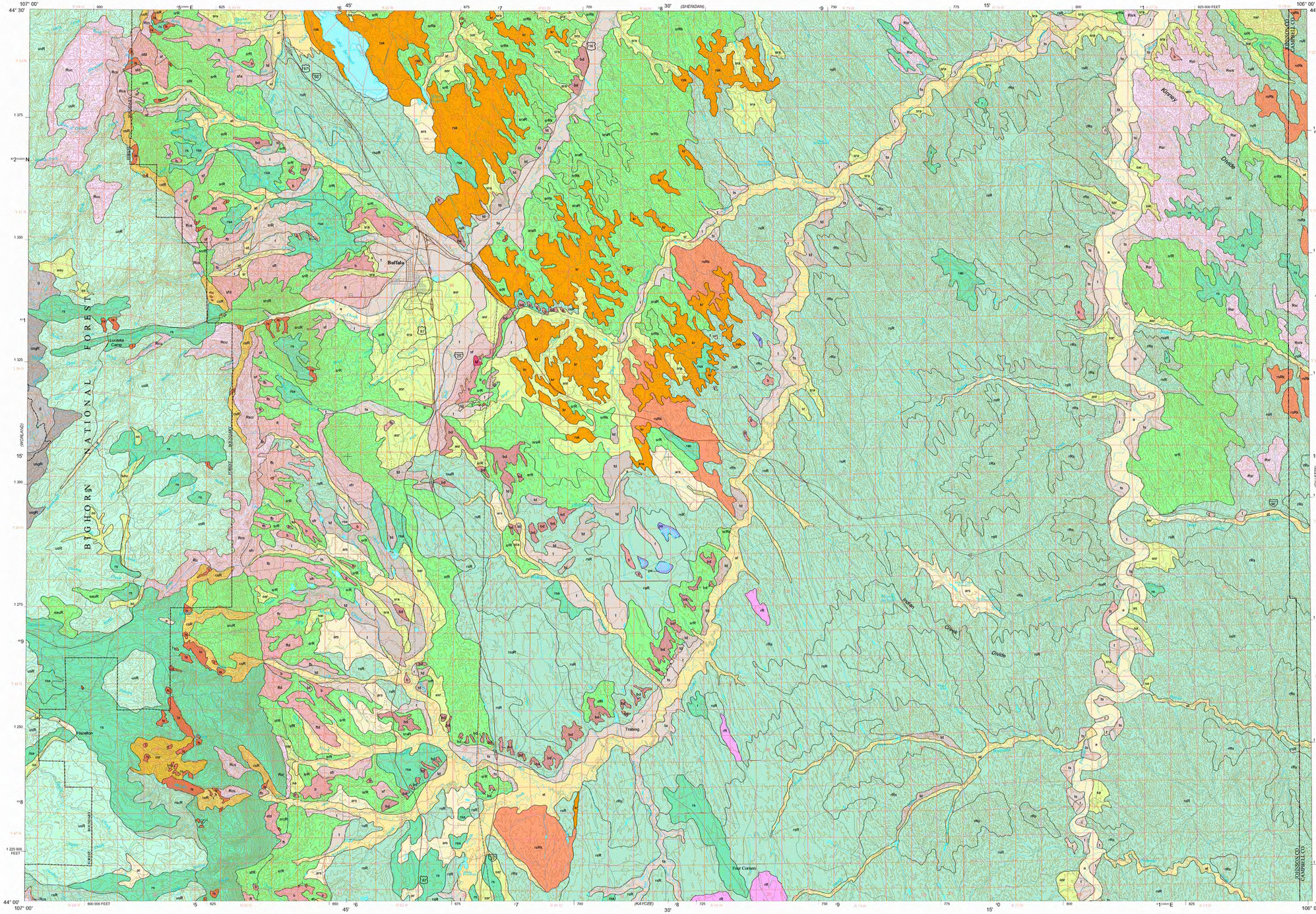
WYOMING STATE GEOLOGICAL SURVEY
Laramie, Wyoming

Geologic Hazards Section Digital Map 00-2 (HSDM 00-2)
Preliminary Buffalo 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 zone

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

GN
1°00' 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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CLASSIFICATION OF MAP UNITS

Alluvial Deposits - Alluvium

- Alluvium and alluvium mixed with residuum, and/or slopewash (a, ar,ars)
- Alluvium mixed with terrace deposits (at)

Alluvial Deposits - Alluvial Fan Deposits

- Alluvial fan deposits mixed with slopewash, alluvium, and/or residuum (sf, sfa, sfr)
- Alluvial fan deposits grading into bench deposits or terrace deposits mixed with slopewash (fb, ft, sft)
- Dissected alluvial fan deposits and dissected alluvial fan deposits that grade into terrace deposits, mixed with slopewash (ffd, sfd)

Alluvial Deposits - Bench Deposits

- Bench deposits (b)
- Dissected bench deposits (bd)

Alluvial Deposits - Terrace Deposits

- Terrace deposits and terrace deposits mixed with alluvium and/or slopewash (t, ta, ts)
- Dissected terrace deposits (td)

Landslide Deposits

- Landslide deposits (l, ls)

Playa and playa lake Deposits

- Playa lake, playa lake deposits, and playa lake deposits mixed with eolian deposits (p,pe)

Slopewash

- Slopewash and slopewash mixed with residuum, alluvium and/or grus (as, asr, asu, s, sa, sar, sau, sr, sra)
- Slopewash mixed with scattered bedrock outcrops and residuum, alluvial fan deposits, alluvium , grus, colluvium, and/or clinker (sauR, scrR, sfR, sraR, srcR, srR, srRk)

Colluvium

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

Glacial Deposits

- Glacial deposits (g)
- Glacial deposits mixed withscattered bedrock outcrops, grus, and slopewash (usgR)

Residuum

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

Bedrock

- Bedrock mixed with colluvium, slopewash, grus, clinker and/or residuum (Rc, Rcs, Rcu, Rscr, Rsr, Rsrk, Ruc)
- Bedrock with a thin mantle of residuum (rR)

Clinker

- Clinker mixed with residuum, slopewash and/or alluvial deposits (kr, kra, rsk)
- Clinker mixed with scattered bedrock outcrops slopewash and residuum (rsRk)

Lake

- Lake
- Intermittent lake, pond, reservoir

Mined Areas

- Mined areas (M)

PRELIMINARY DIGITAL SURFICIAL GEOLOGIC MAP OF THE BUFFALO 30' x 60' QUADRANGLE, JOHNSON AND CAMPBELL COUNTIES, WYOMING

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