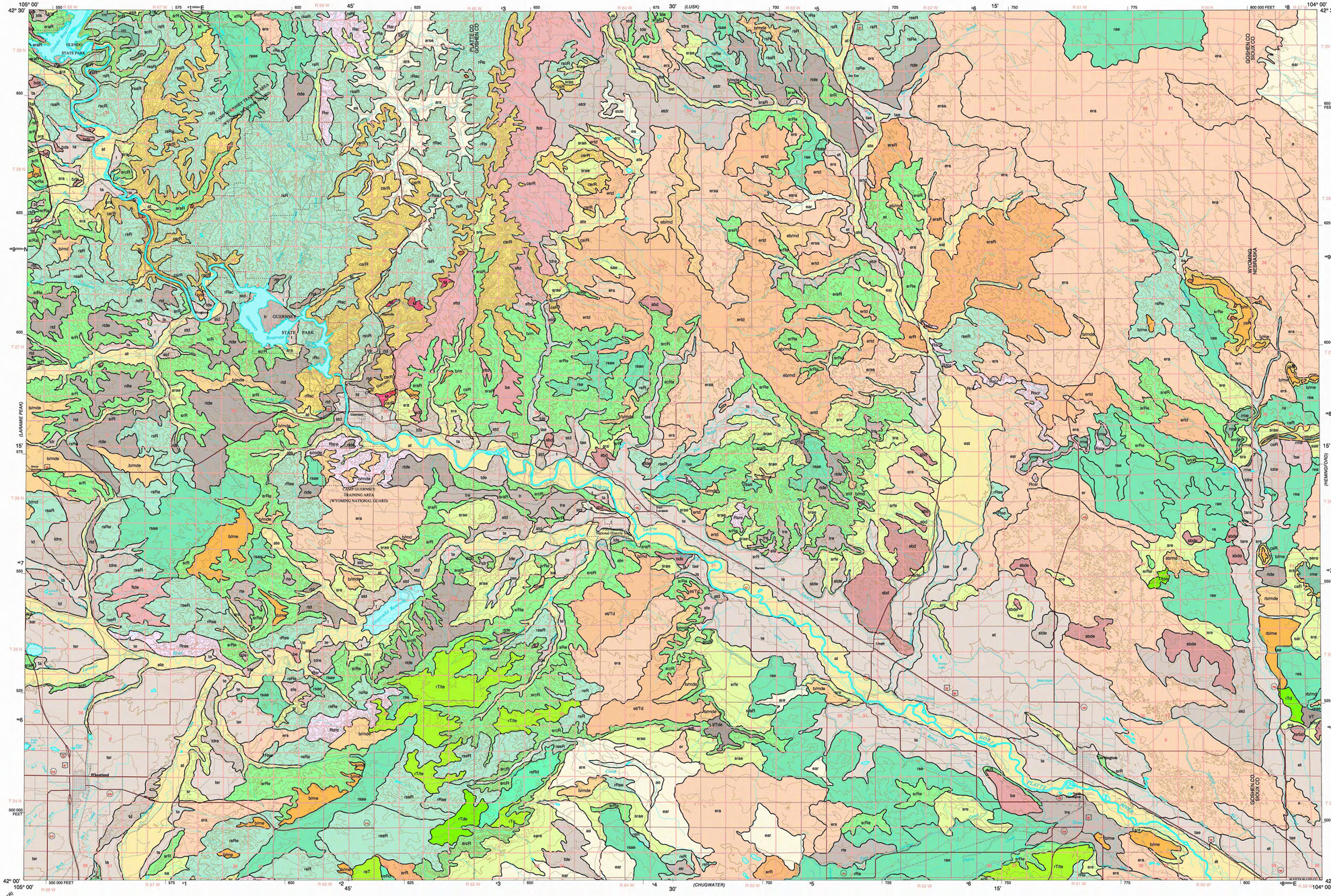
Laramie, Wyoming

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



CLASSIFICATION OF MAP UNITS

Alluvial Deposits - Alluvium

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

Alluvial Deposits - Alluvial Fan Deposits

- Alluvial fan deposits mixed with slopewash and eolian deposits (fse, sfe)
- Alluvial fan deposits grading into dissected bench deposits mixed with slopewash (sfbd)
- Dissected alluvial fan deposits that grade into terrace deposits, mixed with slopewash, eolian deposits, and/or residuum (ftde, ftdr, rftd, sftd)

Alluvial Deposits - Bench Deposits

- Bench deposits and bench deposits mixed with eolian deposits (b, be)
- Dissected bench deposits and dissected bench deposits mixed with slopewash and/or eolian deposits (bd, bds, sbd, sbde)

Alluvial Deposits - Bench Deposits or Mesa Caprock Undif.

- Bench deposits/mesa caprock and bench deposits/mesa caprock with a thin cover of eolian deposits and/or residuum (b/m, b/me, rb/me)
- Dissected bench deposits/mesa caprock and dissected bench deposits/mesa caprock with a thin cover of eolian deposits, slopewash, and/or residuum (b/md, b/mde, rb/md, rb/mde, sb/md)

Alluvial Deposits - Terrace Deposits

- Terrace deposits and terrace deposits mixed with alluvium, eolian deposits, residuum, and/or slopewash (et, t, ta, tae, tare, te, ter, ts)
- Dissected terrace deposits and dissected terrace deposits mixed with slopewash, eolian deposits, and/or residuum (etd, etdr, std, stde, td, tde, tdr, tdre, tds)
- Shallow terrace deposits mixed with residuum and/or eolian deposits (etr, rte, tr, tre)
- Dissected shallow terrace deposits mixed with residuum and/or eolian deposits (rtd, rtde)
- Terrace deposits/structural terrace (t/T)
- Dissected terrace deposits/structural terrace and dissected terrace deposits/structural terrace mixed with eolian deposits (t/Td, t/Tde)

Eolian Deposits

- Eolian deposits and eolian deposits mixed with residuum and slopewash, and alluvium (e, er, era, ers, ersa, esr, esra)
- Eolian deposits mixed with scattered bedrock outcrops and residuum and/or slopewash (erR, ersR)
- Eolian deposits covering dissected terrace deposits or dissected terrace deposits/structural terrace (ertd, et/Td)

Landslide Deposits

- Landslide deposits (l)

Mesa Deposits

- Mesa caprock mixed with a thin cover of residuum and/or eolian deposits (rm, rme)

Slopewash

- Slopewash and slopewash mixed with alluvium, residuum, eolian deposits, alluvial fan deposits, and/or colluvium (as, esa, s, sa, sae, sar, sare, sera, sr, sra, srae, src, sre, srfe)
- Slopewash mixed with scattered bedrock outcrops and residuum, colluvium, alluvial fan deposits, alluvium, and/or eolian deposits (scR, scrR, sfRe,sraR, srcR, sreR, srR, srRa, srRe)

Colluvium

- Colluvium mixed with scattered bedrock outcrops and residuum and/or slopewash (csR, csrR, rcsR)

Residuum

- Residuum mixed with slopewash, alluvium, and/or eolian deposits (rae, re, rea, res, rs, rsae, rse)
- Residuum mixed with scattered bedrock outcrops and slopewash, alluvium, eolian deposits, and/or colluvium (reR, resR, rRcs, rRe, rRs, rRsa, rRsc, rRse, rsaR, rscR, rseR, rsR, rsRa, rsRe)
- Residuum mixed with slopewash, alluvium, and/or eolian deposits (rae, re, rea, res, rs, rsae, rse)

Bedrock

- Bedrock mixed with colluvium, eolian deposits, slopewash, and/or residuum (Rrs, Rrse, Rscr, Rsr, Rsre)

Structural Terrace/Terrace Deposits

- Structural terrace/terrace deposits with a mantle of eolian deposits and/or residuum (reT, rT/te)
- Dissected structural terrace/terrace deposits with a mantle of residuum and/or eolian deposits (T/tde, rtd, rTde)

Lake

- Lake

Mined Areas

- Mined areas (M)

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

Digital hypsography by Wyoming State Geological Survey, 1998

GN
0°20' 6 MILS
13° 231 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 TORRINGTON 30' x 60' QUADRANGLE, GOSHEN AND PLATTE COUNTIES, WYOMING

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digital cartography by
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