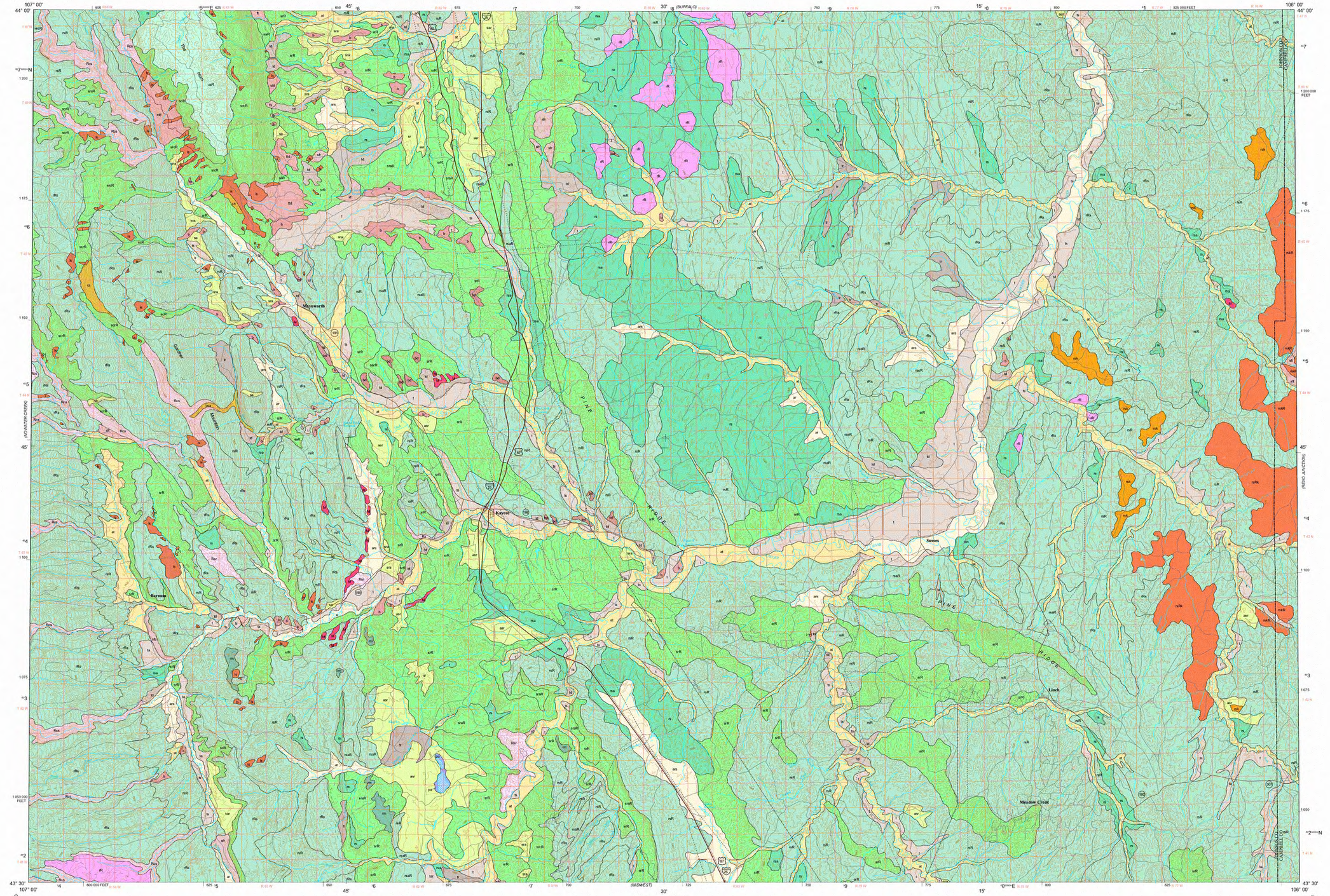
WYOMING STATE GEOLOGICAL SURVEY

Laramie, Wyoming

Geologic Hazards Section Digital Map 00-4 (HSDM 00-4)

Preliminary Kaycee 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, hypsography and transportation by U.S. Geological Survey, 1995

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

Prepared in cooperation with the U.S. Geological Survey, National Cooperative Geologic Mapping Program, under Cooperative Agreement Number 99HQAG0164

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

mapped and compiled by

Laura L. Hallberg and James C. Case, 1999

digital cartography by

Abby L. Kirkaldie, 2000

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
fs, sf, sfa, sfr

Alluvial fan deposits grading into bench deposits or terrace deposits, mixed with slopewash
fb, ft, fts, sft

Alluvial Deposits - Bench Deposits

Bench deposits
b

Dissected bench deposits
bd

Alluvial Deposits - Terrace Deposits

Terrace deposits and terrace deposits mixed with alluvium, residuum, and/or slopewash
t,ta,tar, ts

Dissected terrace deposits
td

Shallow terrace deposits mixed with residuum
tr

Landslide Deposits

Landslides and landslides mixed with slopewash
l, ls

Mesa Deposits

Mesa caprock mixed with a thin cover of residuum
rm

Playa Lake and Playa Lake Deposits

Playa lake deposits and playa lake deposits mixed with alluvium
pa

Slopewash

Slopewash mixed with residuum and/or alluvium
as, asr, sa, sar, sr, sra

Slopewash mixed with scattered bedrock outcrops and residuum, alluvium, and/or colluvium
saR, sarR, scR, scrR, sraR, srcR, srR

Colluvium

Colluvium mixed with slopewash and/or alluvium
cs, csa

Residuum

Residuum and residuum mixed with slopewash and/or alluvium
r, ra, ras, rs, rsa

Residuum mixed with scattered bedrock outcrops and slopewash, alluvium, and/or colluvium
rasR, rRs, rsaR, rscR, rsR

Grus mixed with scattered bedrock outcrops and slopewash
usR

Bedrock

Bedrock mixed with colluvium, slopewash, and/or residuum
Rcs, Rs, Rsr

Bedrock with a thin mantle of residuum
rR

Clinker

Clinker mixed with residuum and slopewash
rsk

Clinker mixed with scattered bedrock outcrops, residuum, and slopewash
rskR, rsRk

Lake

Lake

Intermittent lake, pond reservoir

Mined Areas

Mined areas
M