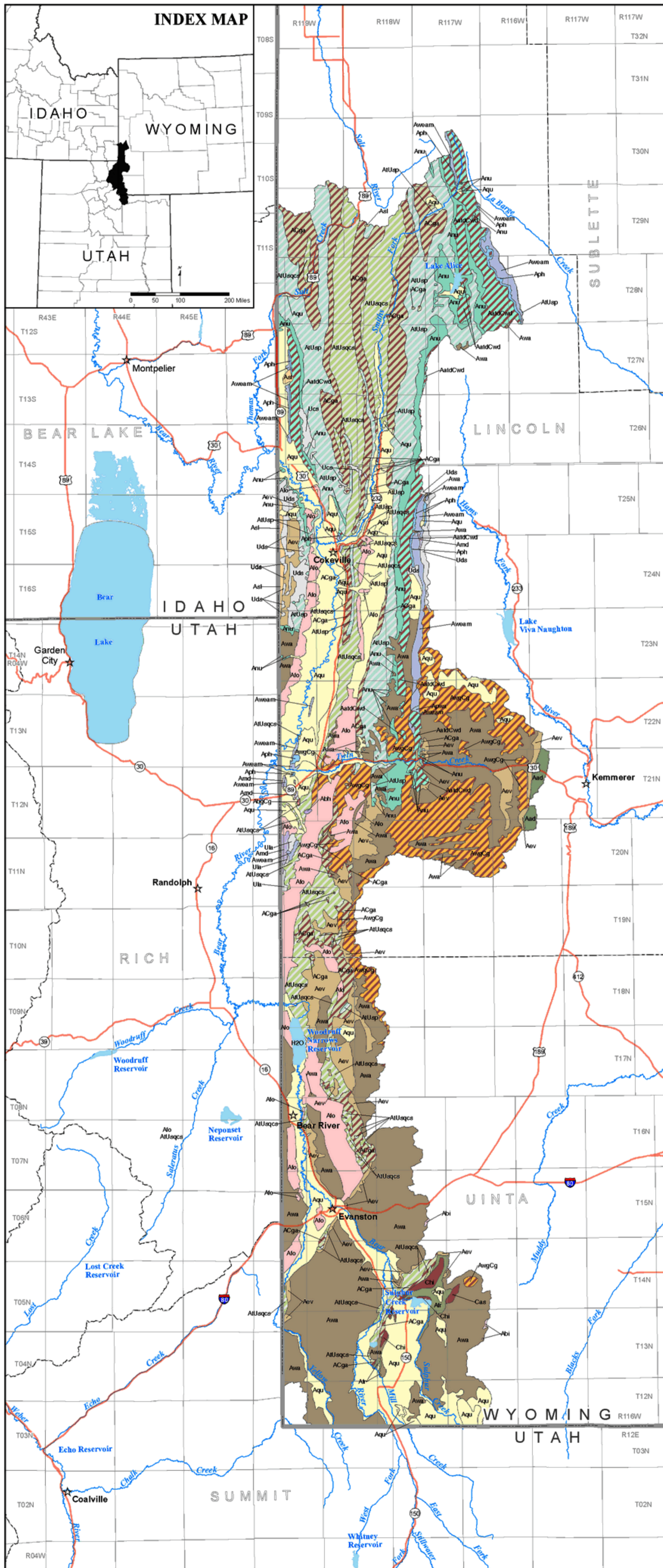




Geology - Interpreting the past - providing for the future

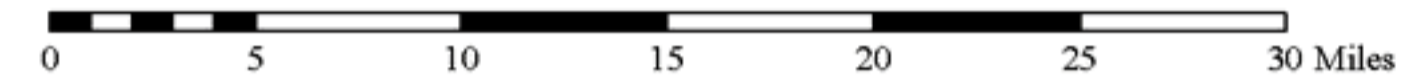


# Hydrogeology Bear River Basin Wyoming

compiled by  
 Tim Bartos and Jim Stafford



Magnetic Declination = 11° 39' E  
 at center of map  
 (October 14, 2013)



Scale 1:400,000

## Explanation

- Interstate highway
- U.S. highway
- State highway
- City or town
- Township boundary
- County boundary
- State boundary
- Lake or reservoir
- River or creek

## Hydrogeology

Hydrogeologic Units - Compiled from Plate X

### CENOZOIC

#### Quaternary

Quaternary unconsolidated deposit aquifer — may include: glacial deposits, landslide deposits, and Tertiary gravel aquifers

#### Tertiary

- Salt Lake aquifer
- Bishop aquifer
- Fowkes aquifer
- Wasatch aquifer and Green River aquifer and confining unit
- Undefined diamictite and sandstone
- Wasatch aquifer
- Undefined conglomerate of Sublette Range

### CENOZOIC AND MESOZOIC

#### Tertiary and Cretaceous

Evanston aquifer

### MESOZOIC

#### Cretaceous

- Adaville aquifer
- Hilliard confining unit
- Frontier aquifer
- Undefined Sage Junction, Quealy, Cokeville, and Smiths, and Thomas Fork aquifer
- Aspen confining unit

Gannett aquifer and confining unit

### Jurassic

Undefined Stump and Pruess Redbeds, and Twin Creek aquifer

### Jurassic and Triassic

Nugget aquifer

### Triassic

Ankareh and Thaynes aquifers, Woodside confining unit, and Dinwoody aquifer and confining unit

### PALEOZOIC

#### Permian

Phosphoria aquifer

#### Permian, Pennsylvanian, and Mississippian

Phosphoria, Wells, and Amsden aquifers

Wells and Amsden aquifers

#### Mississippian and Devonian

Madison and Darby aquifers

#### Silurian

Undefined Laketown

#### Ordovician

Bighorn aquifer

#### Ordovician and Cambrian

Bighorn and Gallatin aquifers, and Gros Ventre confining unit

Map Projection: Universal Transverse Mercator (UTM), zone 12  
 False Easting: 500000, False Northing: 0  
 Central Meridian: -110.0 degrees West  
 Linear Unit: Meter  
 Horizontal Datum: North American Datum of 1983 (NAD 83)

Map layout by Tomas Gracias  
 and Jim Stafford  
 Map edited by Suzanne Luhr

## REFERENCES

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