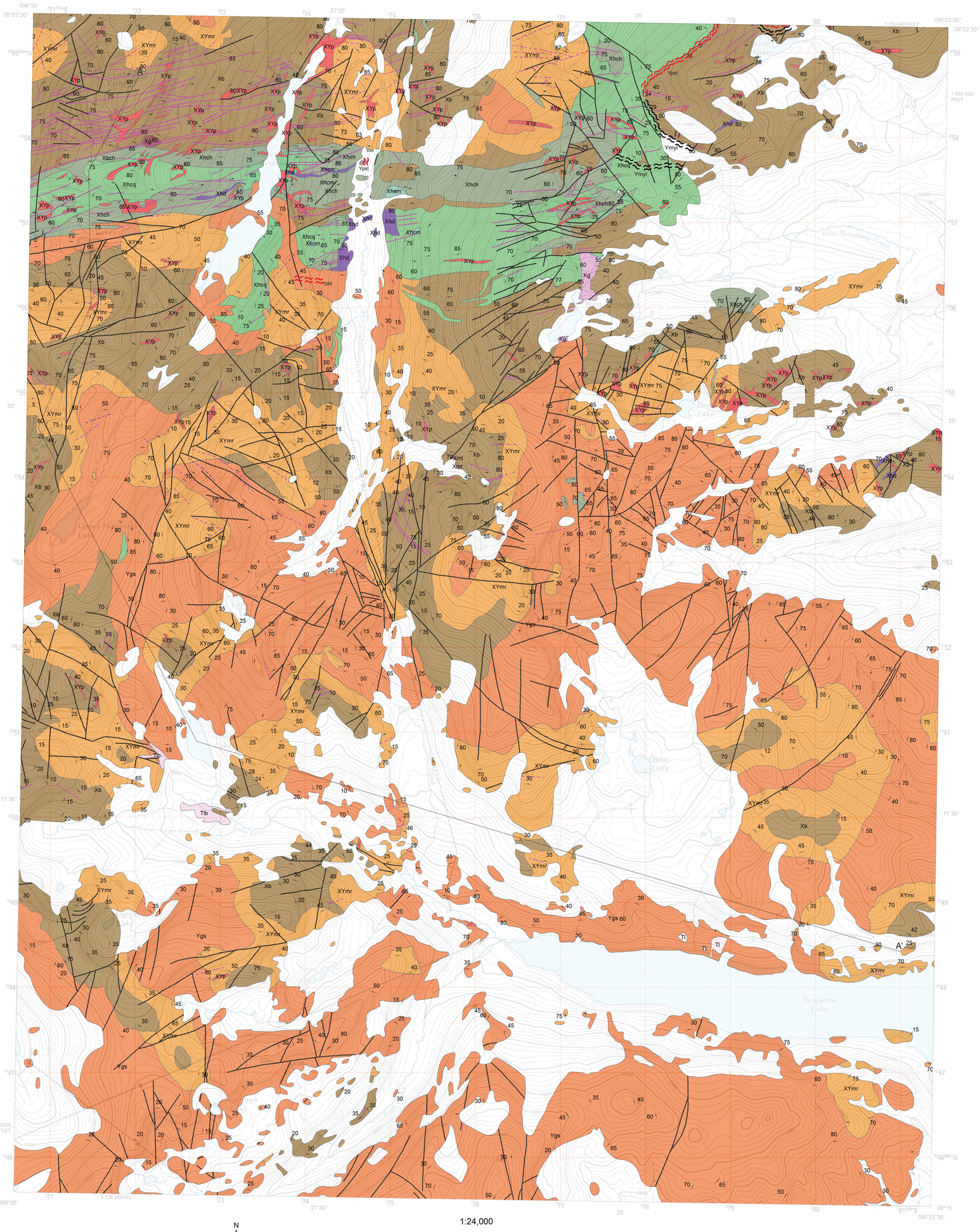


Correllation of Map Units

BEDROCK

Igneous	Mixed Ig./Met.	Metamorphic		
Tlb			OLIGOCENE	PALEOGENE
Tl			PALEOCENE	PALEOGENE
Kg				CRETACEOUS
XYp, Ygs, Yml, Yhd	XYmr	Ymyl, Ypst		MESOPROTEROZOIC
Xg		Xb, Xhcq, Xhch, Xhcm		PALEOPROTEROZOIC

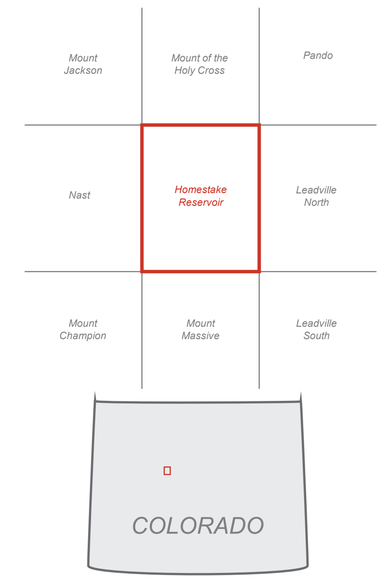
Map Symbols

- Contact
- Fault
- 35 Inclined Foliation
- Shear Zone
- Vertical Foliation
- Dike and Sill

List of Map Units

- Tlb — Latite Breccia (Oligocene)
- Tl — Lincoln Porphry (Paleocene)
- Kg — Granodiorite (Upper Cretaceous)
- Ypst — Pseudotachylite Shear Zone (Mesoproterozoic)
- Ymyl — Mylonite Shear Zone (Mesoproterozoic)
- Ygs — St Kevin Batholith (Mesoproterozoic)
- Yml — Metalamprophyre (Mesoproterozoic)
- Yhd — Hornblende Diorite (Mesoproterozoic)
- XYmr — Mixed Rock (Paleoproterozoic And Mesoproterozoic)
- XYp — Pegmatite (Paleoproterozoic To Mesoprotozoic)
- Xg — Unclassified Granite (Paleoproterozoic)
- Xb — Biotite Gneiss And Schist (Paleoproterozoic)
- Xhcq — Impure Quartzite (Paleoproterozoic)
- Xhch — Hornblende Gneiss (Paleoproterozoic)
- Xhcm — Impure Marble (Paleoproterozoic)
- Q — *(Quaternary deposits left blank)*

Adjacent 7.5' Quadrangles and Location Map

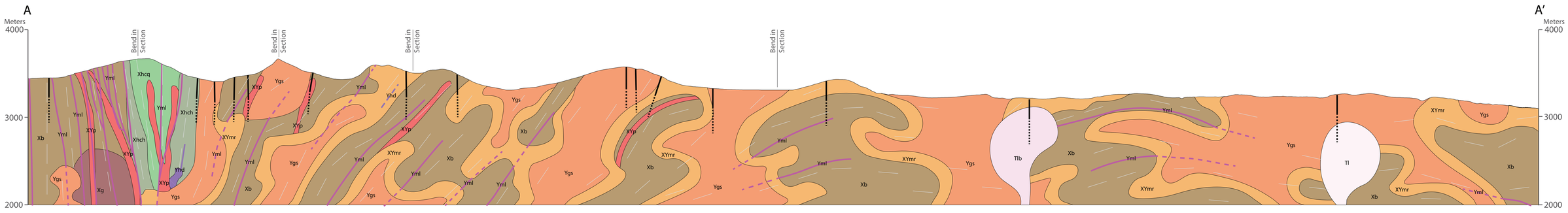


North American Datum of 1983
North American Vertical Datum of 1988
Projection and 1,000 meter grid: UTM Zone 13N
Contour Interval 40 feet

N
9° 40' East
Magnetic Declination

1:24,000
0 1 2 4 Kilometers
0 0.5 1 2 Miles

Geology mapped by Michael Frothingham (2015);
O. Tweto (1948-1959); R.C. Pearson (1953-1959);
J. Allen (2014); P. Lee (2008-2009);
C. Ruleman (2012); and C. Shaw (1999)



Geologic Map of the Homestake Reservoir Quadrangle, Eagle, Pitkin, and Lake Counties, Colorado

by

Michael G. Frothingham