



Ch 8

Chapter 7

Ch 6

Chapter 5

N Atlantic Opens, America drifts W

Laramide

Sevier Orogeny

Rifting  
Tilt conglomerate  
Regional uplift

Healing Phase 2

Laramide Orogeny  
Orogenic gravels

Cretaceous Interior Seaway

Mesa de Maya basalt flows

Ogallala

Two Buttes

Advent of Arkansas River

Vermejo  
Trinidad

Pierre

Ogallala

Martins Canyon

Arikaree

White River

Chadron

Farista

Huerfano-Cuchara

Poison Canyon

Raton

Advent of Arkansas River

Vermejo  
Trinidad

Pierre

Ogallala

Martins Canyon

Arikaree

White River

Chadron

Farista

Huerfano-Cuchara

Poison Canyon

Raton

Advent of Arkansas River

Vermejo  
Trinidad

Pierre

Gravels at Divide

Trump  
Wagon Tongue

Cripple Ck

Control Colorado Volcanics  
Tallahassee Creek Cgl  
Antero  
39 Mile Volcanics (Wall Mtn Tuff)  
Echo Park  
Florissant  
Castle Rock Rhyolite  
Larkspur Cgl

Montezuma  
Breckenridge Laccolith

D2 Sequence  
Dawson Arkose

P5 pollen  
P4 pollen

Green Mtn Cgl  
Paleosol

Table Mtn lava  
D1 Sequence  
Advent of South Platte River  
Denver  
Anasazi Cgl  
sub-Reincker unconformity  
Laramide

Reincker Ridge Cgl  
sub-Reincker unconformity  
Laramide

Fox Hills  
Whitehorn Stock

Pierre

Gravel Mt gravels  
Independence Mt gravels

Grouse Mtn Basalt

Troublesome  
North Park

Rhyolite Tuff  
Rabbit Ears Volcanics  
Mt Cumulus  
Mt Richthofen

White River

Coalmont

Middle Park

Windy Gap

Pole Ck flow  
sub-Windy Gap unconformity

Granby sills

Gunsight Pass  
Carter  
Hygiene  
Kremmling

Pierre

1, 4-5 my basalt  
Alamosa

Dry Union

Santa Fe  
Los Pinos

Advent of Rio Grande River

Pitch Pinnacle  
San Juan Volcanics  
Conejos

Blanco Basin

Animas

Washakie/Bridger

Laramide

Pando Porphyry

Hygiene

Pierre

Dotsero Volcano

Advent of Colorado and Eagle Rivers

Flat Tops Volcanics

Browns Park

Browns Park

Washakie/Bridger

Washakie/Bridger

Washakie/Bridger

Laramide

Laramide

Laramide

Mancos

Advent of Yampa R  
Breeze Mtn (Yampa Stocks)

Browns Park

Browns Park

Cedar Mtn

Bishop Cgl  
Gilbert Peak erosion surface

Washakie/Bridger

Washakie/Bridger

Washakie/Bridger

Laramide

sub-Moffat unconformity

Lance/Williams Fork  
Fox Hills

Mancos

Advent of Yampa, White and Colorado Rivers

Grand Mesa Volcanics  
Goodenough  
Treasure Mtn

Browns Park

San Juan Volcanics  
Creedie

West Elk Volcanics

Washakie/Bridger

Washakie/Bridger

Washakie/Bridger

Laramide

sub-Ohio Ck unconformity

Williams Fork/Mesaverde  
Trout Ck  
Carnec  
Twentymile  
Toow Ck  
Trout Ck  
Meeker

Mancos

Advent of San Juan and Colorado Rivers

NW San Juan, Paradox Basins

NW San Juan, Paradox Basins

Telluride Cgl

Telluride Cgl

Washakie/Bridger

Washakie/Bridger

Washakie/Bridger

Laramide

sub-Ojo Alamo unconformity

Kirtland  
Fruitland  
Pictured Cliffs

Lewis

Irvingtonian  
Blancan

Hemphillian

Clarendonian

Barstovian

Hemingfordian

Arikareean

Whitneyan

Orellan

Chadronian

Duchesnean

Uintan

Eocene

Bridgerian

Wasatchian

Ma

0

10

20

30

40

50

60

70

80

Neogene

Oligocene

Eocene

Paleocene

Maas.

Campanian

CENOZOIC

MESOZOIC