H. Williams HISTORICAL GEOLOGY

FIELD TRIP: ROCKS, FOSSILS AND PALEOENVIRONMENTS OF THE CRETACEOUS AND PENNSYLVANIAN OF NORTH CENTRAL TEXAS.

DIRECTIONS

The field trip takes us west of Denton along highway 380 to the Bridgeport Lake area.

STOP 1. DUCK CREEK FORMATION (Kdc). Arrive ~9-9.15

Route: Highway 380 west of Denton. Stop1 is approximately 200 yards before county line.



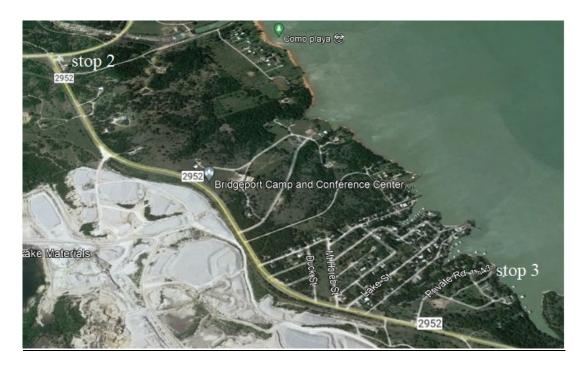
Stop 1. Park near here, walk back east ~200 yards.

STOP 2. CHICO RIDGE LIMESTONE (IPcr) Highway 380 through Decatur, to Bridgeport, north on 1658, stop at intersection with 2952.



STOP 3. JASPER CREEK FORMATION (IPic)

Route: Follow 2952 up the hill to 1543 (private road; just past oil tanks). Follow 1543 to left down to lake shore.



STOP 4. JASPER CREEK FORMATION (IPjc)

Route: go back to 1658 and follow the road around corner to bridge over Bridgeport Lake spillway – park on side of road near bridge.



STOP 5. JASPER CREEK FORMATION (IPjc; may be skipped, depending on weather/time): Route: Follow 1658 down over Bridgeport Lake dam, take access road to public boat ramp. LUNCH IN BRIDGEPORT.

STOP 6. VENTIONER FORMATION (IPv)

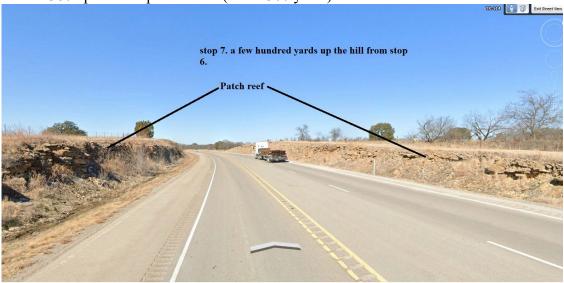
Route: 380 west over Bridgeport Lake, to about 2 miles past Vineyard. Park on side of road.



STOP 6, LARGE ROAD CUT NEAR TOP OF HILL. SANDSTONE LAYERS EXPOSED. About 2 miles past Vineyard.

STOP 7. VENTIONER FORMATION (IPv)

Route: 380 up to the top of the hill (about 300 yards). Park on side of road.



STOP 8. GOODLAND LIMESTONE (Kgw)

Route: 380 to east of Decatur (East of Highway 51), behind shell gas station on hill.



