

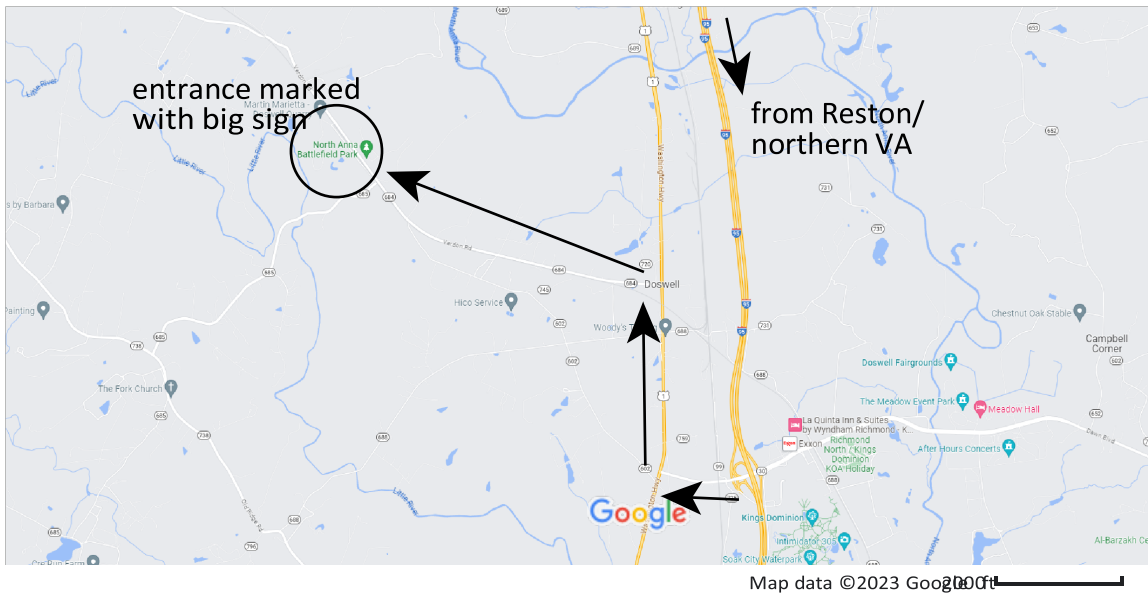
GSW FALL FIELD TRIP: Geology of the fall zone near Richmond, Virginia led by Mark Carter (USGS)

Meet at Parking Lot of the North Anna Battlefield Park (11576 Verdon Rd, Doswell, VA 23047) near Doswell at 9:30 am (1.75 hr trip from Reston/northern VA). After a brief introduction and collecting waivers, we'll be on the trail to the outcrop by 9:45 am. For those interested, there are many kiosks describing the battle along the way to the crop, so we'll be at this for likely 1.5 hours or so.

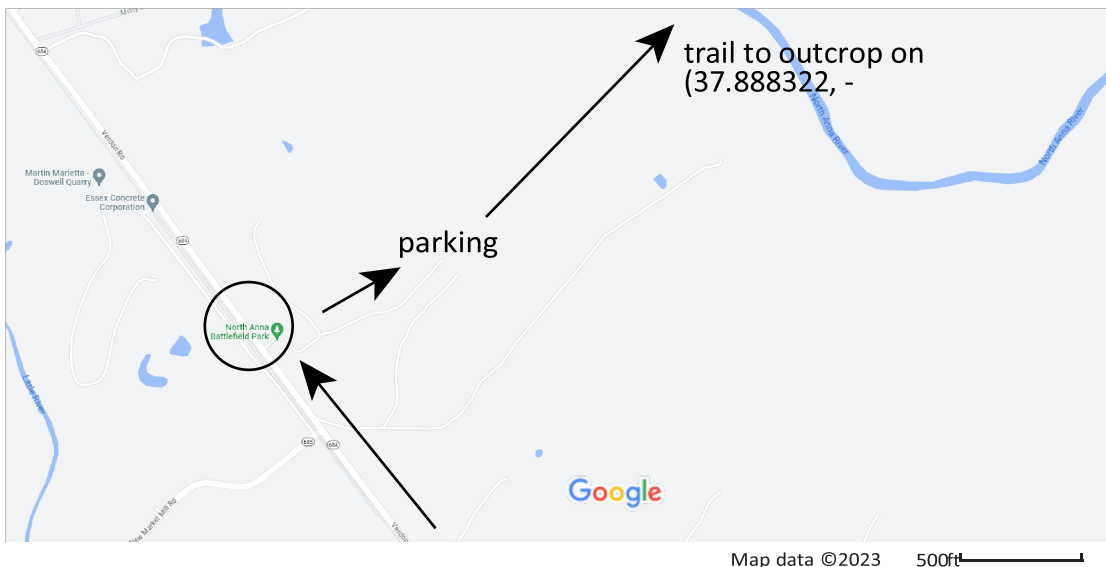
Stop 1 Directions: VA Rt 30 exit (Kings Dominion/State Fair Meadow Park exit) on I-95 South. 1 mile west on VA Rt 30 US Rt 1. 2 miles north on US Rt 1 to SR 684 at Doswell. 2.5 miles west on SR 684 to North Anna Battlefield Park Entrance on right. Follow gravel road ~0.5 mile to parking area and trailhead.

Google Maps

Mark's cell phone in case of changes: 804-543-0486



Google Maps



GENERAL ITINERARY:

Stop 1: Boscobel Boulder bed of the Taylorsville basin at North Anna Battlefield Park (37.881196, -77.498891). 1.5 hr. Stop, includes round trip hike to outcrop.

Travel time from Stop 1 to Stop 2 at French Hay about 25 min. Arrive by 11:30 am.

Stop 2: Pliocene to lower Tertiary stratigraphy, above Pocoshock Creek Gneiss of the Dinwiddie terrane (37.684988, -77.456692). 1.5 hr Stop, includes roundtrip hike to outcrop and lunch at Jersey Mike's (on your own).

Travel time from Stop 2 to Stop 3 along Flippen Creek about 15 min. Arrive by 1:15 pm.

Stop 3: Miocene Eastover Formation in Flippen Creek (37.628212, -77.447614). 45 min. Stop; water-proof boots a must to get close to the outcrop.

Travel time from Stop 3 to Stop 4 Falls of the James about 20 min. Arrive by 2:30 pm.

Stop 4: Falls of the James at Belle Isle (37.523627, -77.456838). 1 hr. Stop, includes roundtrip hike to pavement outcrops.

Travel time from Stop 4 to Stop 5 Fort Darling (Drewrys Bluff) about 20 min. Arrive by 3:00 pm.

Stop 5: Cretaceous Potomac Formation at Richmond National Battlefield, Fort Darling Unit (37.420429, -77.425311). 1 hr. Stop includes roundtrip hike to outcrop in a muddy creek adjacent to the fort.

It's 2.5 hour drive back to Reston from Stop 5.

POST FIELD TRIP OYSTER FEST:

Whoever is interested is welcome to come back to Mark's house in Louisa (an 1 hour drive from stop 5) for a bonfire, oysters, and other refreshments - weather permitting. It's a 2 hour drive back to Reston from Louisa, so all are welcome to **camp overnight** too (we have plenty of space and extra tents/gear).

Please RSVP to Mark Carter (mcarter@usgs.gov) by this weekend (Oct. 29th) so that he can have an idea of how many oysters to order, etc.

A final decision on the trip will be made based on the weather forecast by October 31st.