

Fall 2011 Geological Processes of the North Country – Field Trip

Dan Stromgren

(update 09-15-11)

MEETING PLACE: Price Chopper in Canton (to the left of the entrance off State Highway 11)

DATE / TIME: Friday, September 16, leave 8:30am (please be prompt); return at approximately 4:00pm

WEAR: appropriate-clothing for the day's weather and comfortable shoes/boots.

BRING: sack lunch and drink(s); binoculars (optional), field notes pages, + whatever else you think you might need (hat? sun glasses? bug repellent? . . .?)

- 1) The excursion starts at the 'snake' road cut and continues down the road to a pegmatite sill.
- 2) Then we stop at Ron Stiles' gravel pit.
- 3) Once we get to Gouverneur we head out Rock Island Road to the brecciated gneiss road cut.
- 4) Then heading out the Cream of the Valley road to view the slump structures.
- 5) Next we visit Pulpit Rock, where we will also eat lunch.
- 6) Then we head over to Theresa to see the escarpment.
- 7) On the way to Alex Bay we stop to see the glacier polished rocks.
- 8) In Alex Bay we look at the oldest rocks in the north,
- 9) After that we see the six hundred million year unconformity.
- 10) We then stop to see the evidence of the marine beaches at Chippewa Bay road cut.
- 11) On the way back to Canton we visit the cemetery by the DEC to see the effects of weathering.
- 12) In Canton, those who want to do so can visit the stone county buildings as the last stop.