

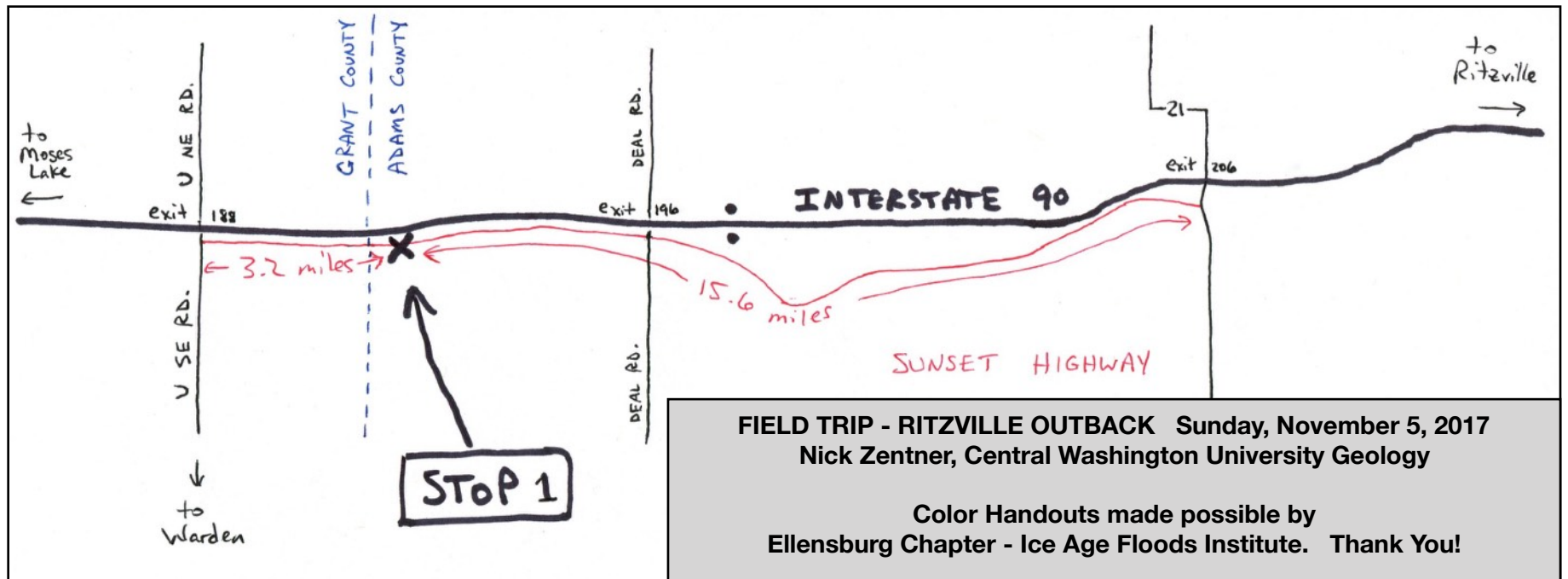
**8:30 am Leave CWU**

East on I-90....Vantage....Moses Lake....Exit 188  
 R on U Rd SE....immediate L on S Frontage Rd  
 3.2 miles on S Frontage Rd until County Line  
 and MP 192 sign along I-90 (see photo).  
 Park on right shoulder - leave gap every 10 cars.

**10:00 am STOP 1 COUNTY LINE LOESS**

East on S Frontage Rd...becomes Schrag Rd  
 15.6 miles from Stop 1 until Highway 21.  
 L on Hwy 21....onto I-90 E (Exit 206).

East on I-90....second Ritzville exit (Exit 221)  
 L on Highway 261...R on Bauman St at Zips...  
 Pause in gravel lot north of Zips to grab 'joiners'.



**11:00 am Ritzville**

Pause in gravel lot just north of Zips to grab 'joiners'.  
N on Bauman St....R on Wellsandt Rd for 5.1 miles....R on Hills Rd-Urquhart Rd for 5.6 miles....R on Marengo Rd for 2.0 miles.

**11:30 am STOP 2 MARENGO HILLS**

N on Marengo Rd....R on Urquhart-Harder Rd for 6.9 miles.

**12:30 pm STOP 3 ANCIENT FLOOD GRAVELS**

E on Urquhart-Harder Rd pavement for 2.5 miles....E on gravel Harder-McCall Rd for 2.9 miles...R on Gering-Larkin Rd for 2.0 miles....R on Revere Rd for 0.9 miles...

....R on gravel Jordan Knott Rd for 2.2 miles....R at 'Rock Creek Management Area' sign for 2.5 on rough gravel with large potholes.

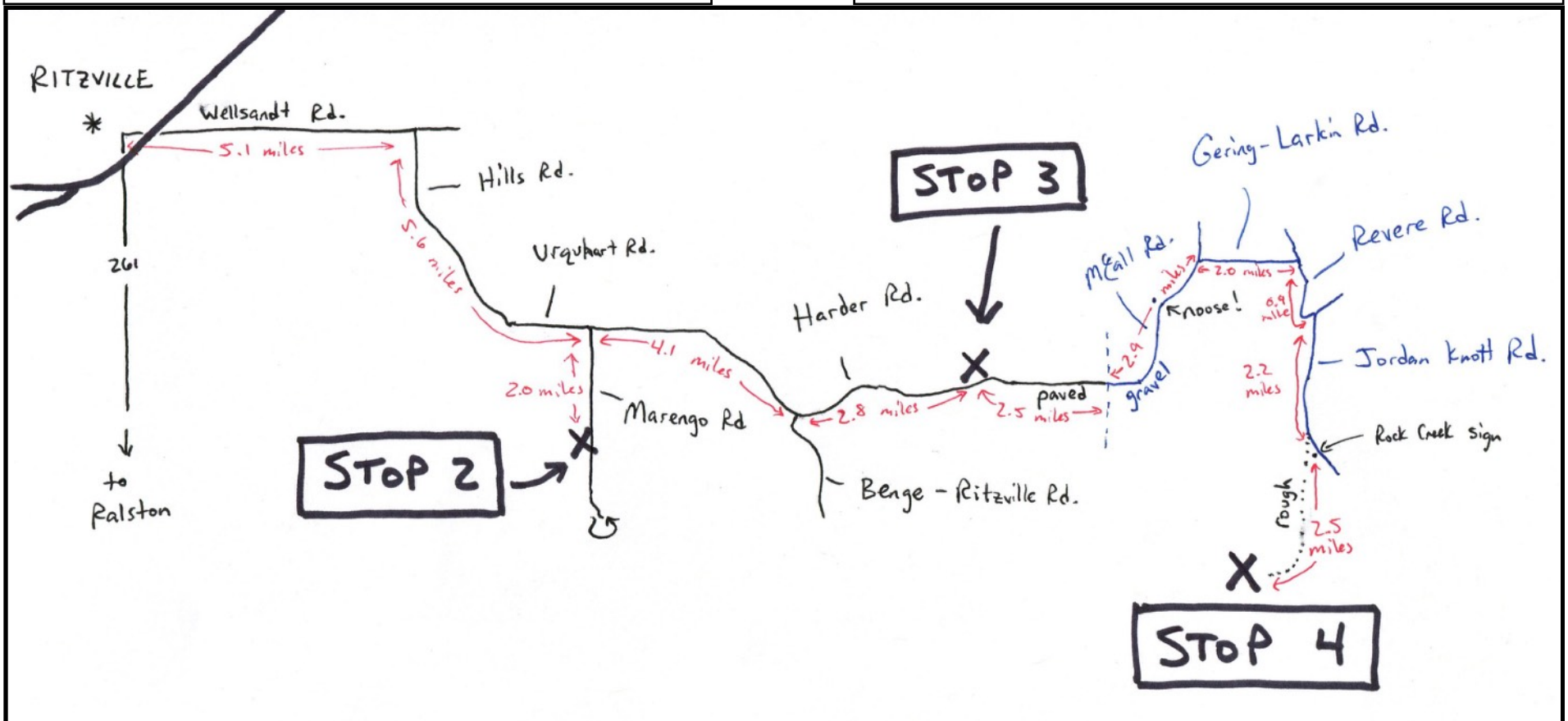
**1:30 pm STOP 4 ESCURE RANCH HIKE**

**Pit Toilet (BYOTP)**  
**Hike: moderate, off-trail slopes**  
**(20 minutes each way)**

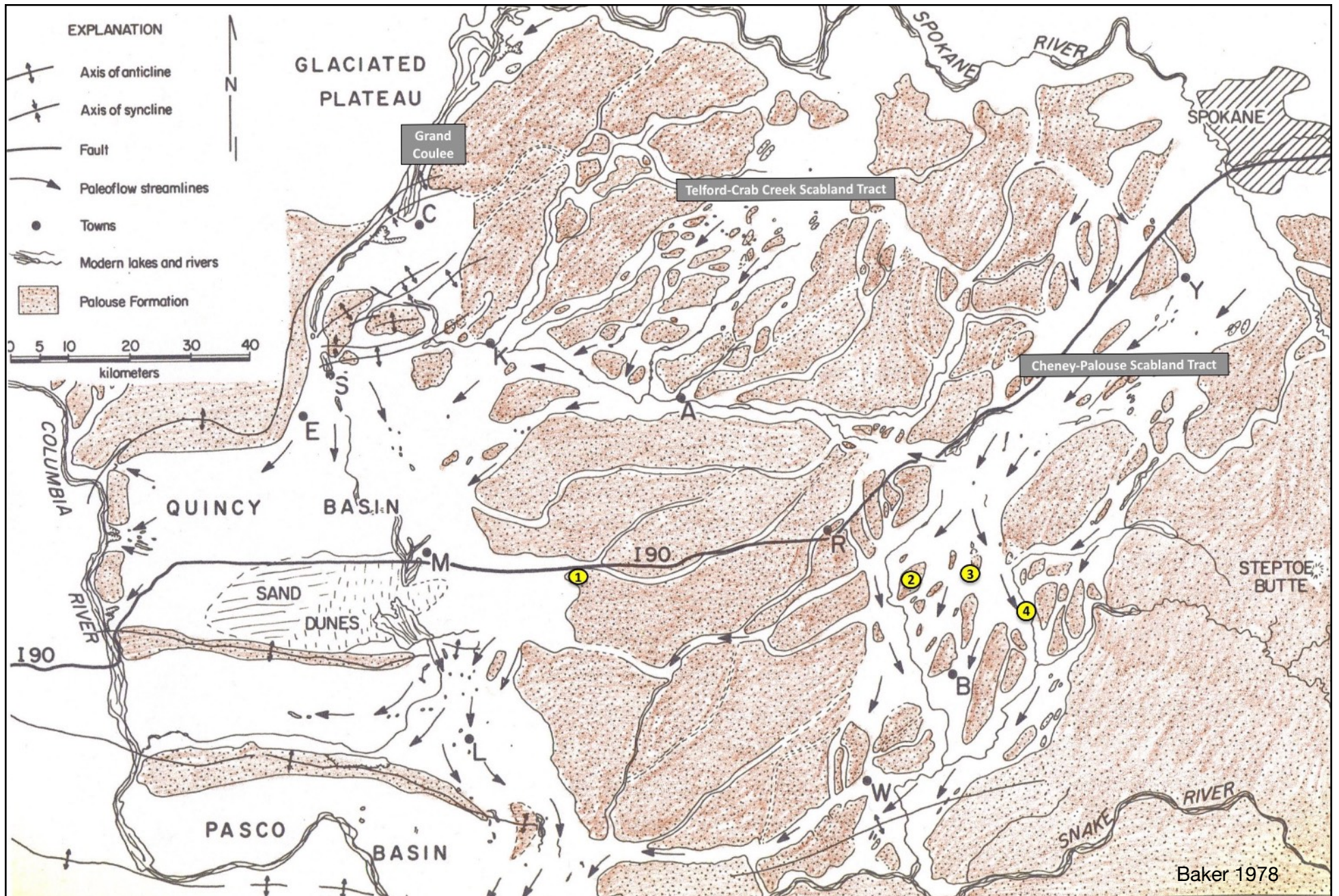
Retrace route back to Ritzville...

**4:00 pm Ritzville**

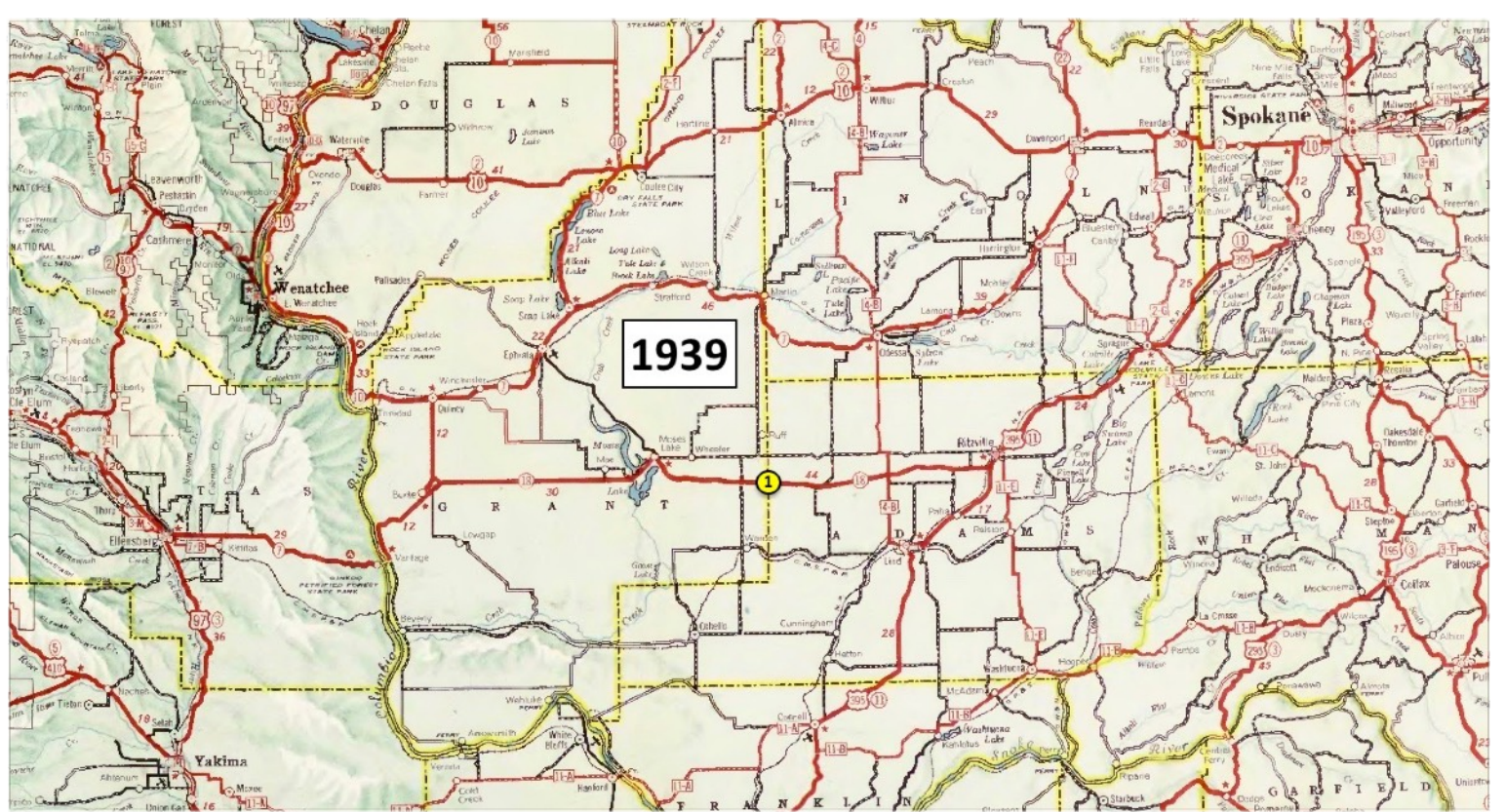
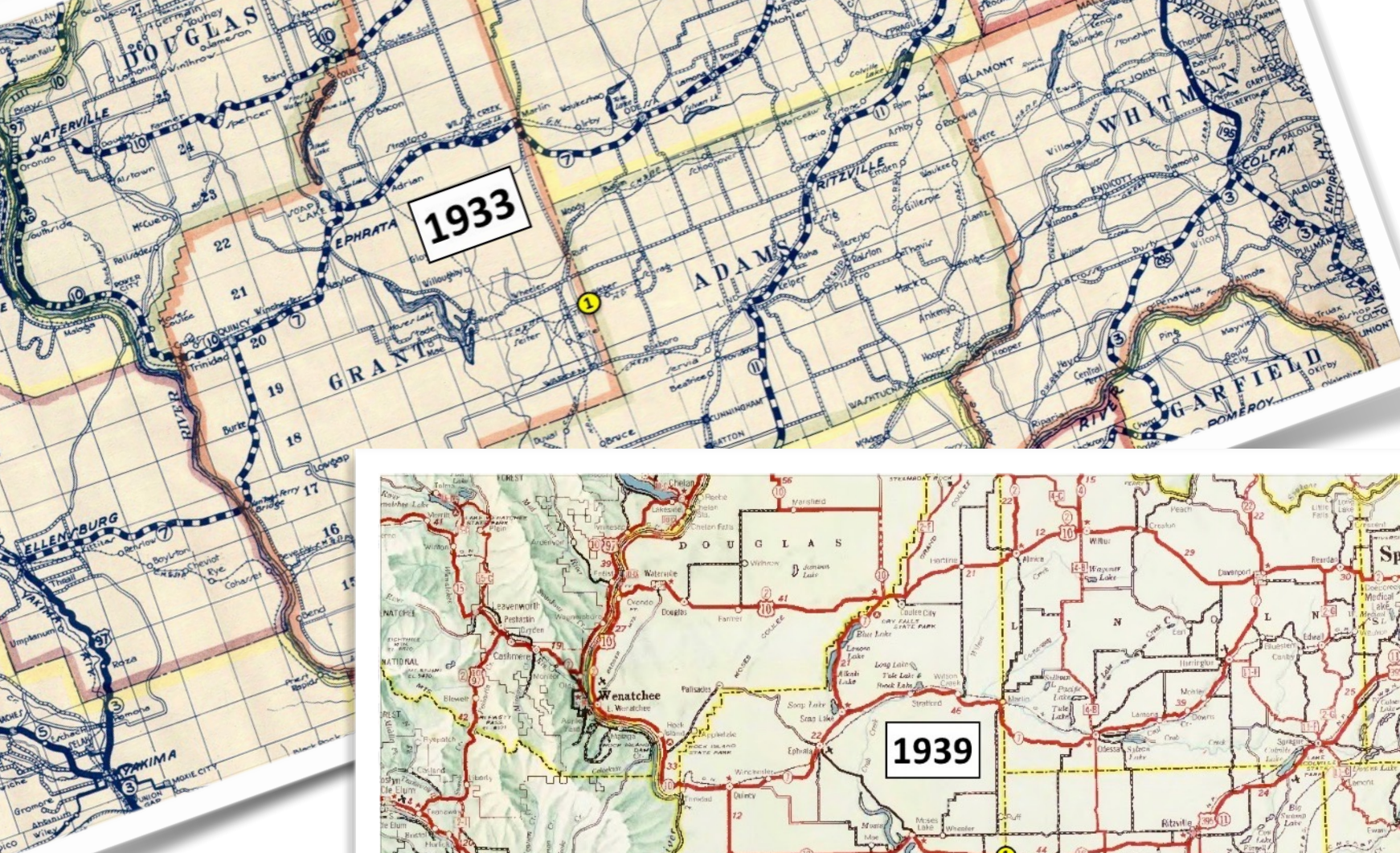
**6:00 pm return to CWU**



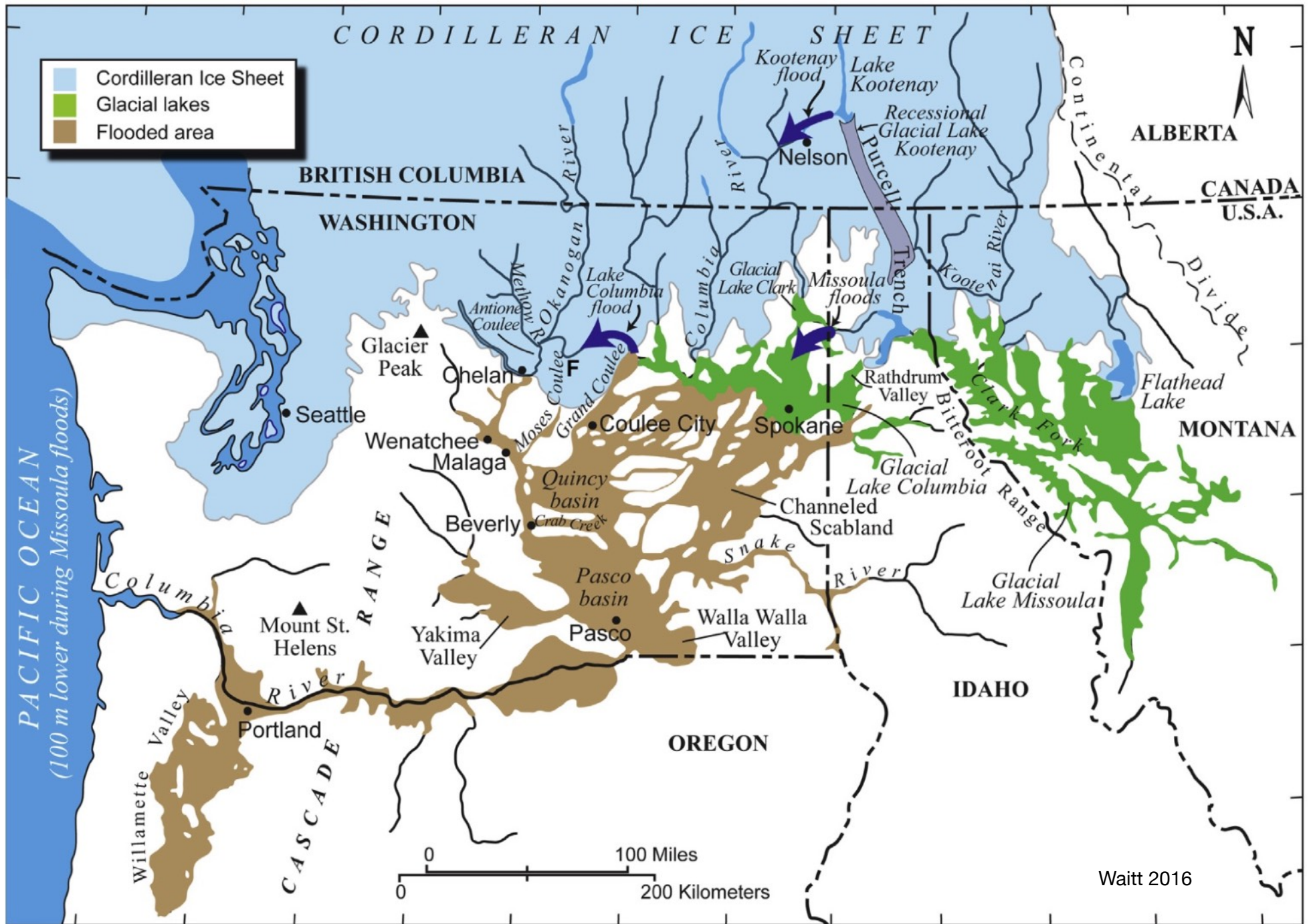




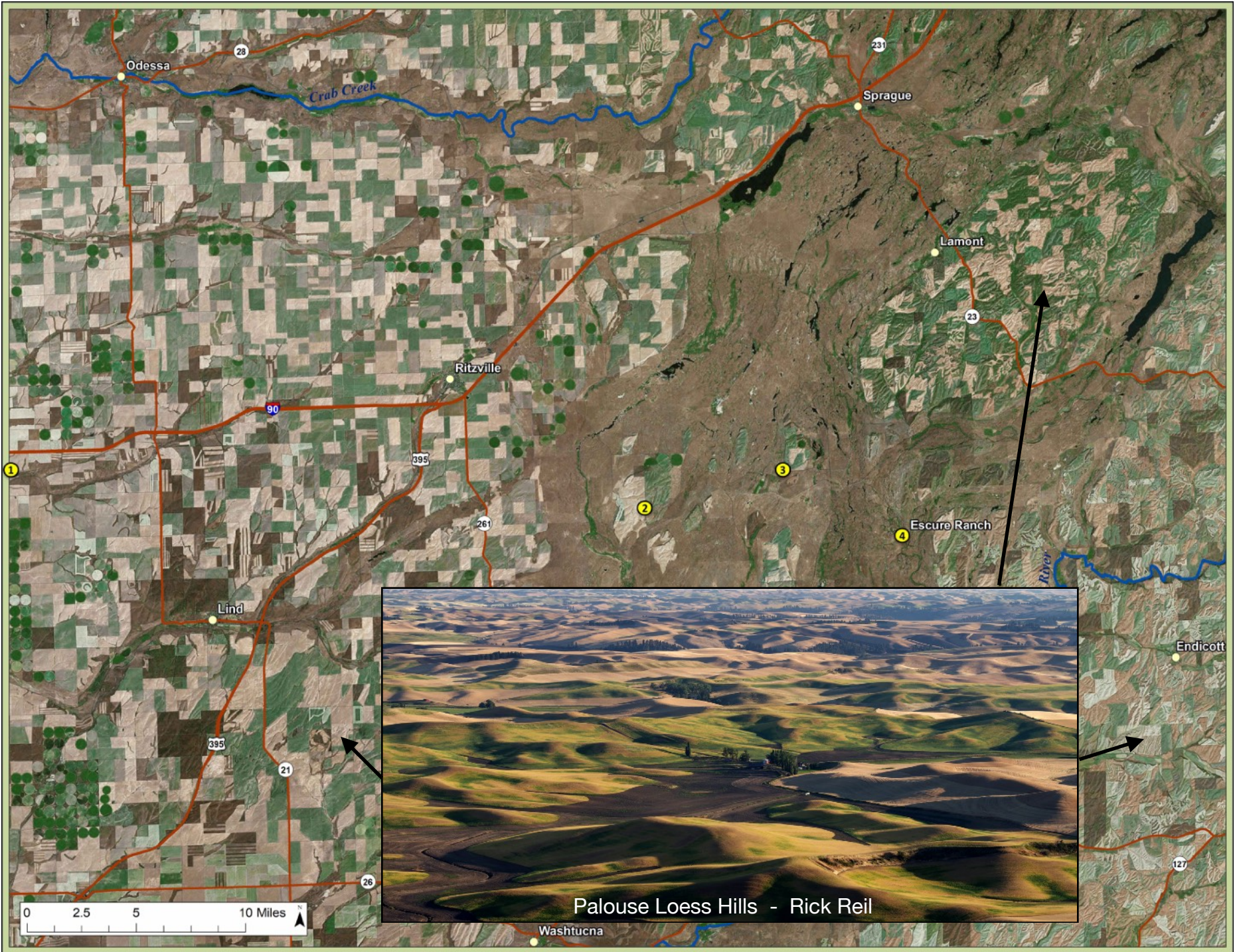




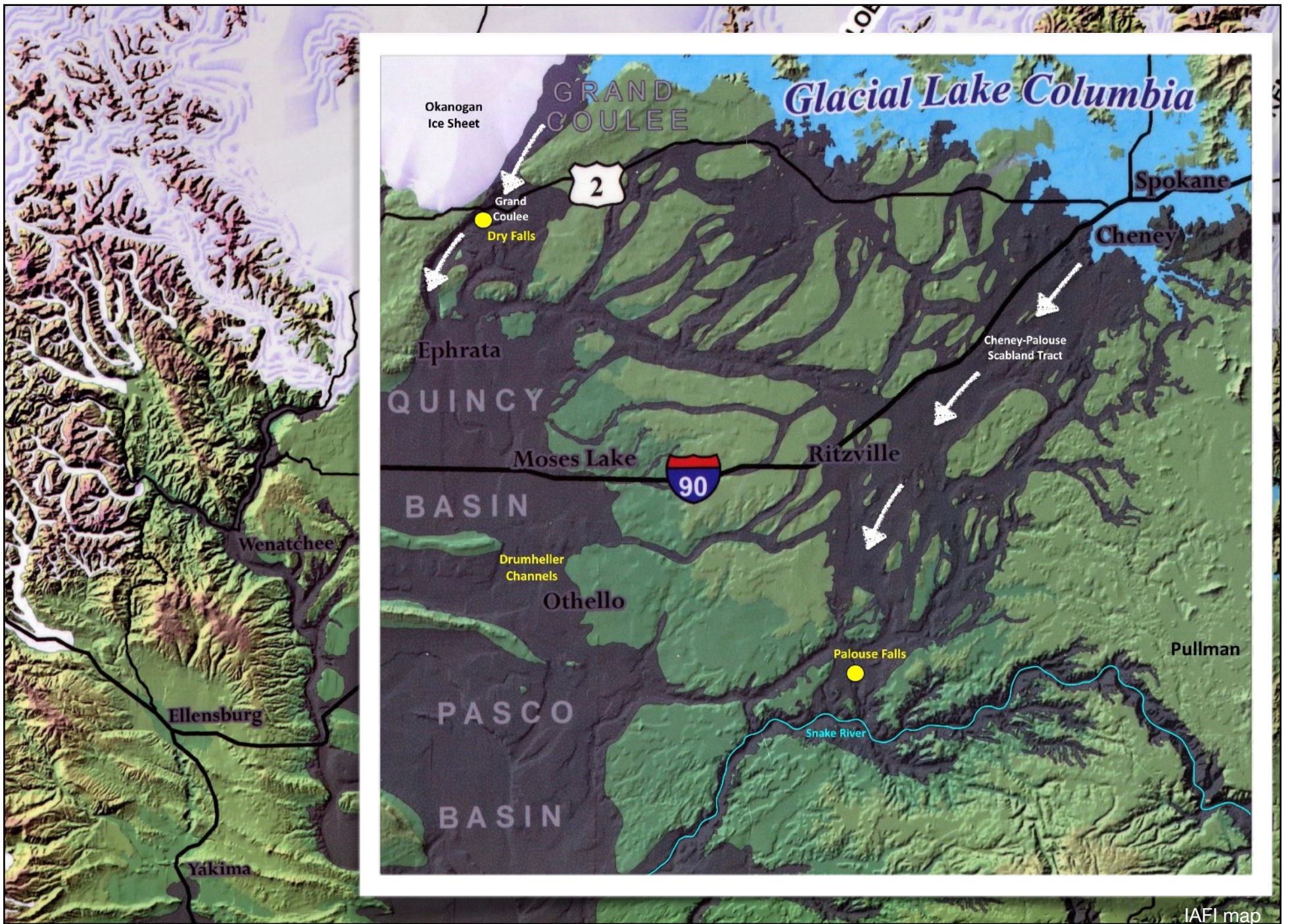






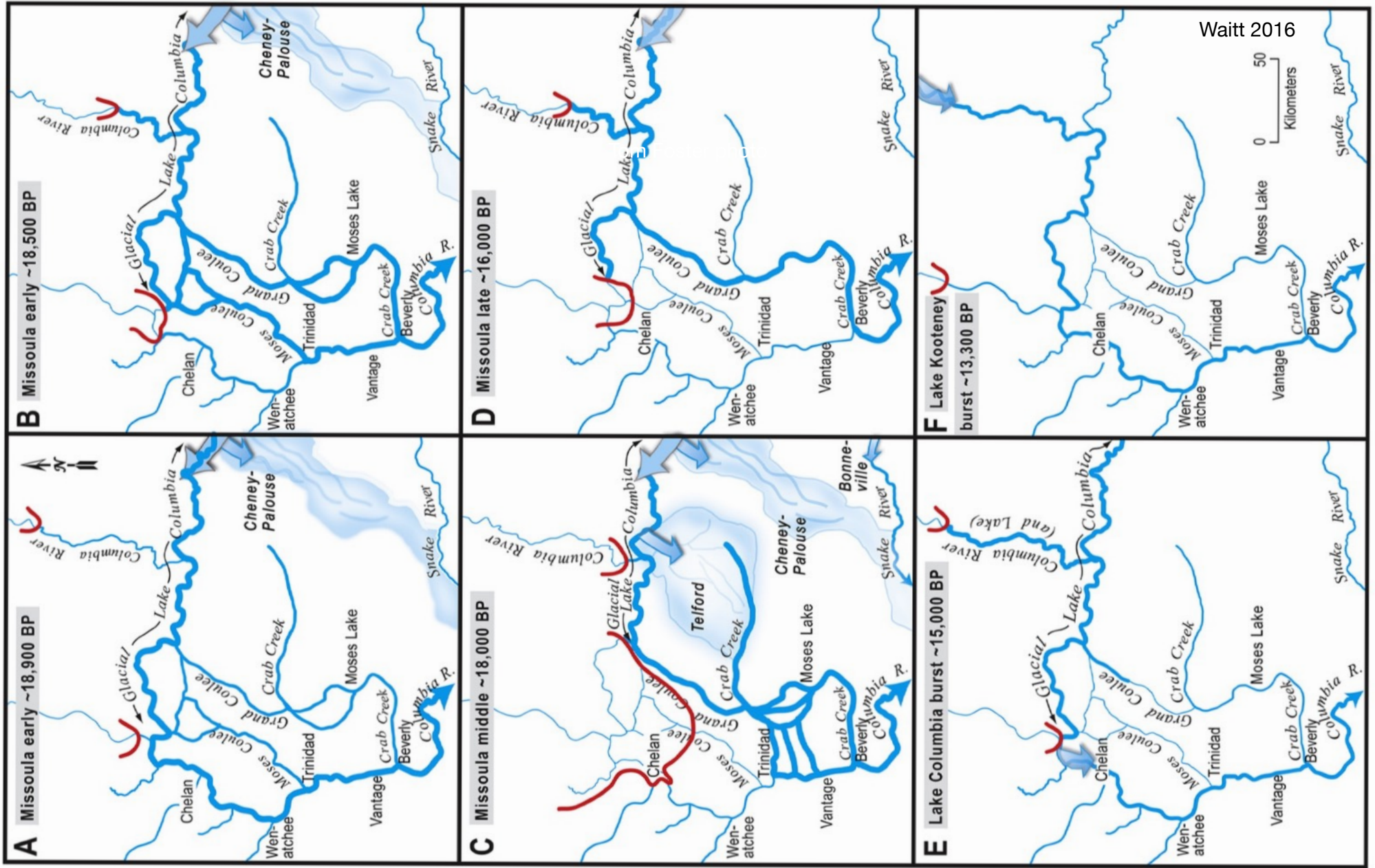




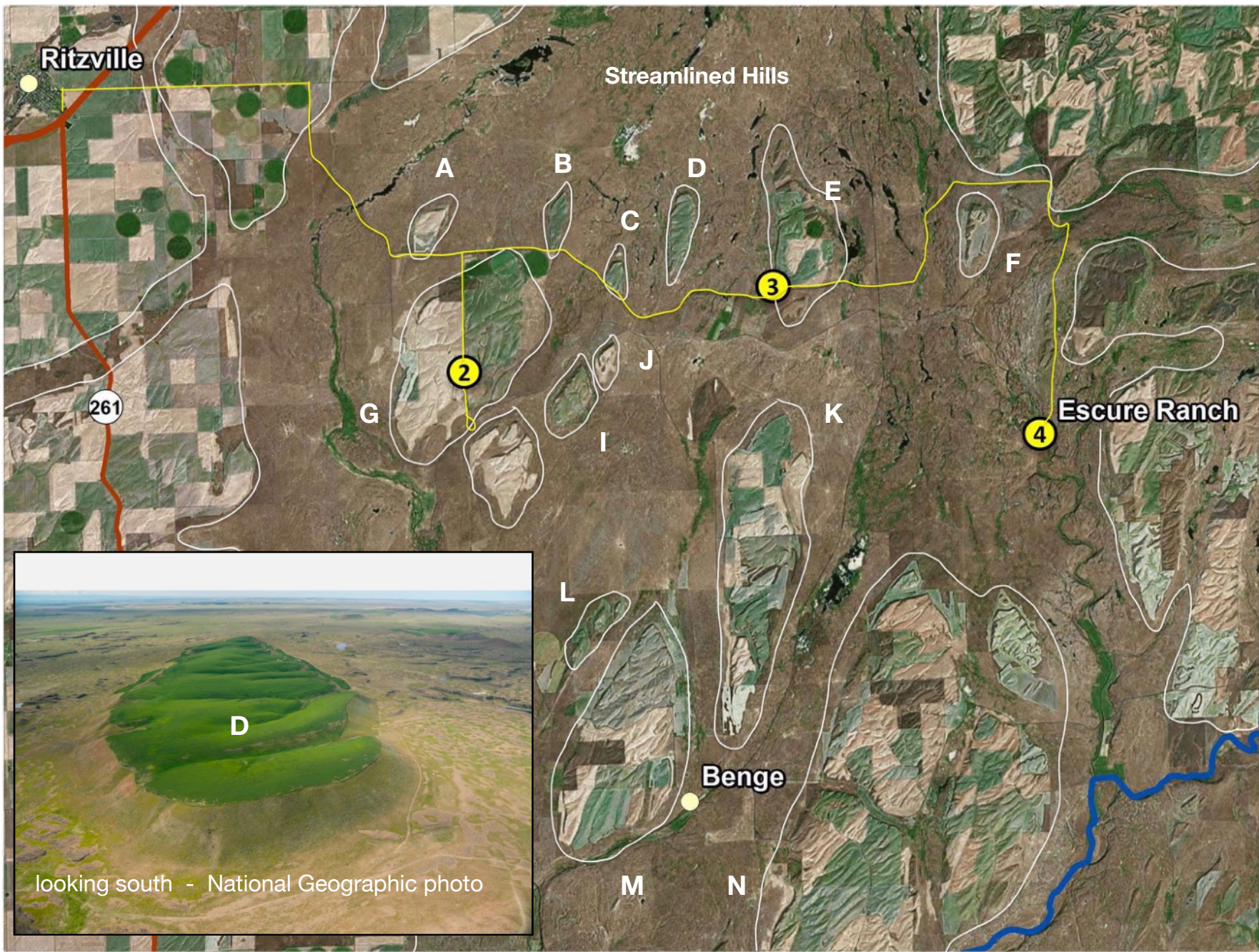


IAFI map



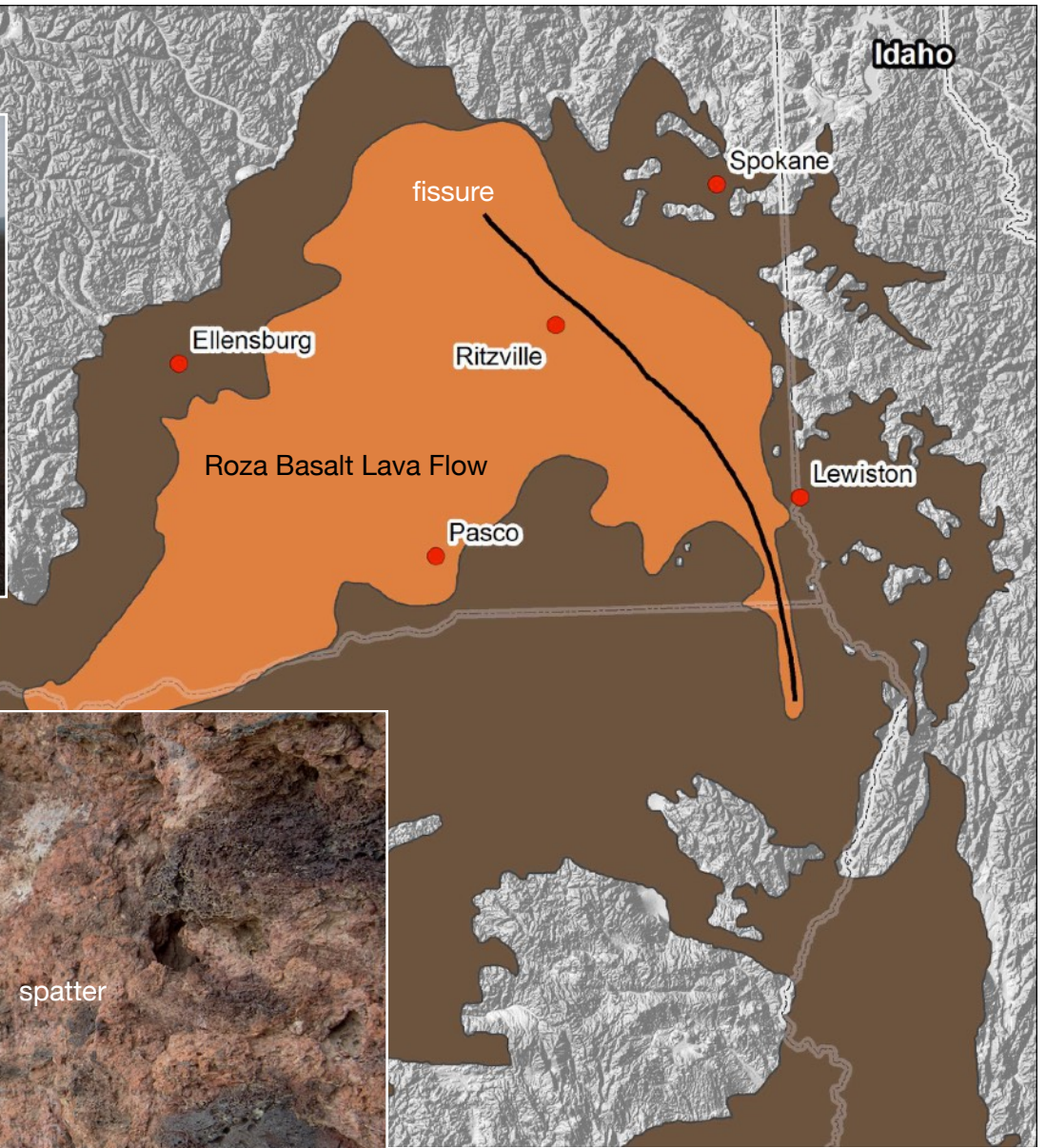




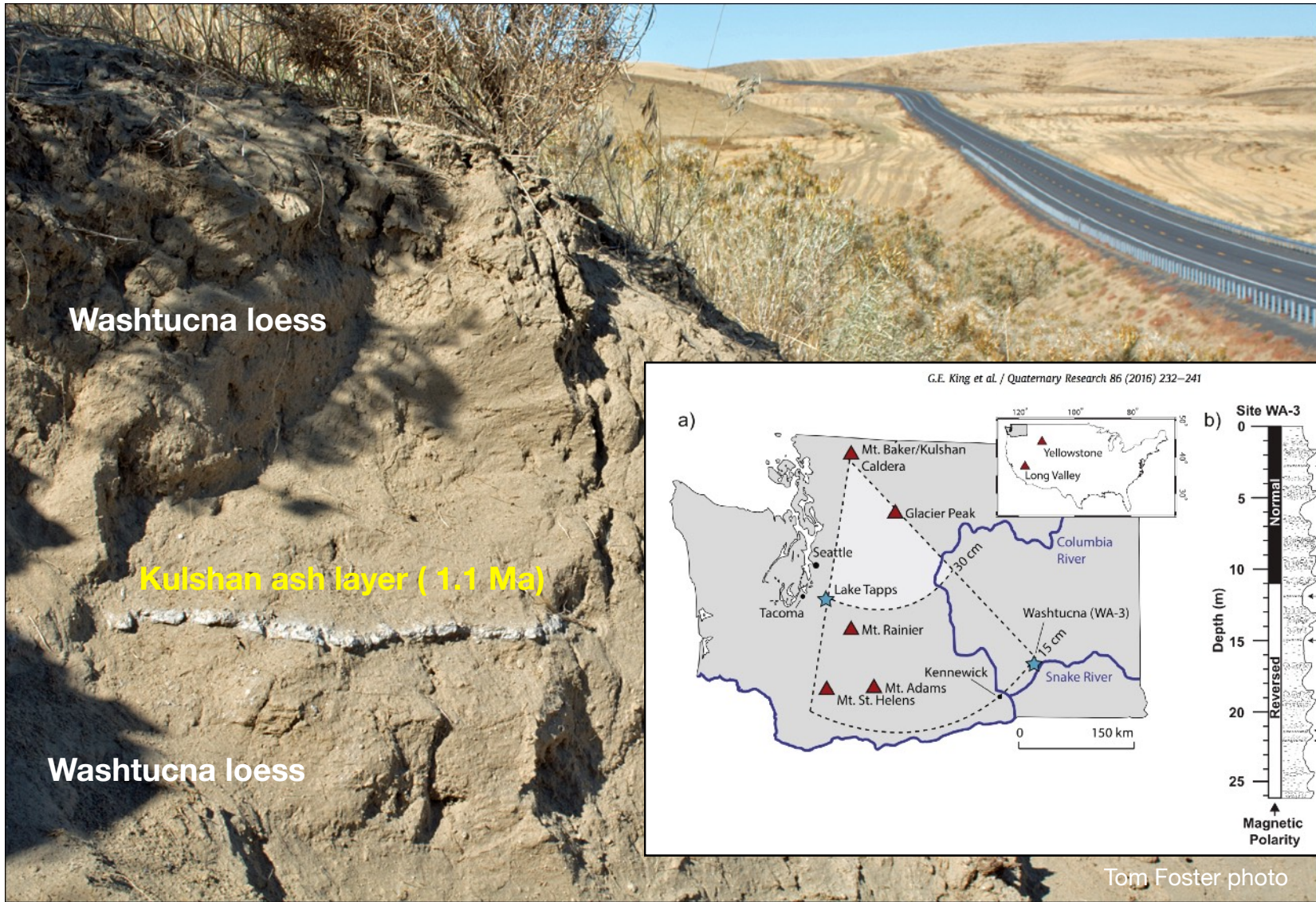




15 Ma





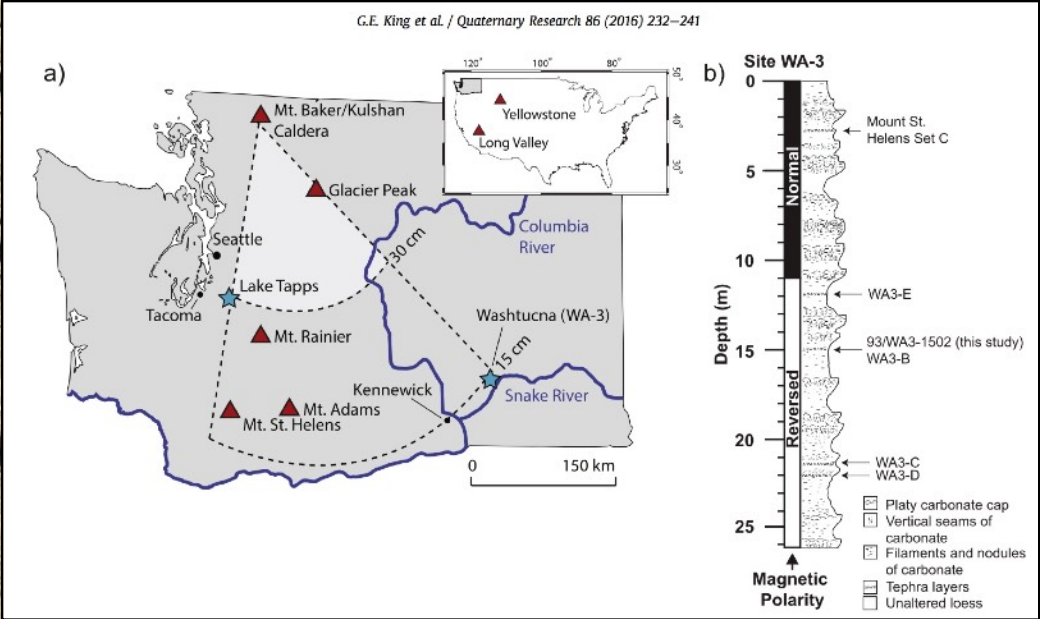


Washtucna loess

Kulshan ash layer ( 1.1 Ma)

Washtucna loess

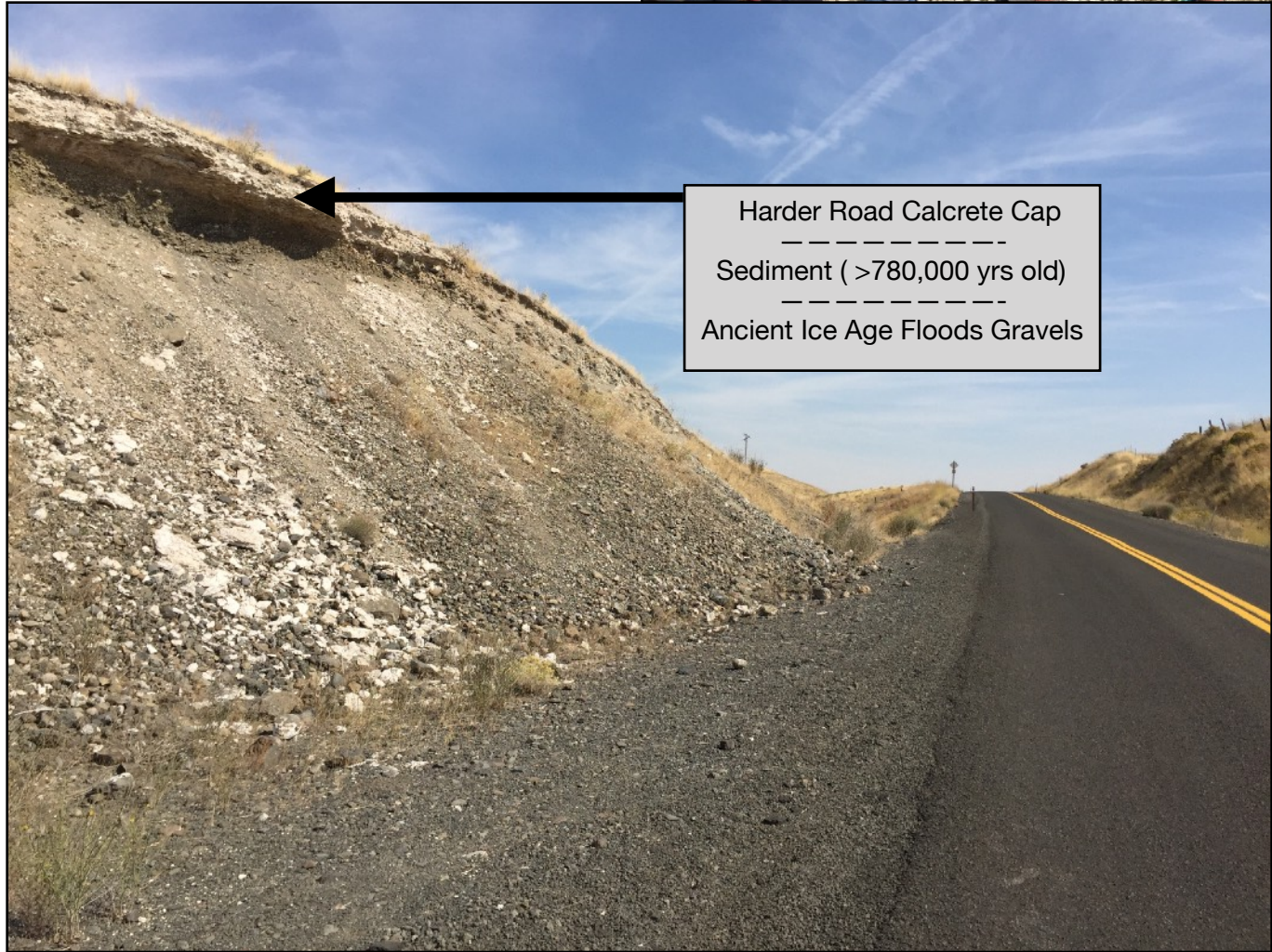
G.E. King et al. / Quaternary Research 86 (2016) 232–241



Tom Foster photo



George Calcrete Cap  
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Sediment (>780,000 yrs old)  
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Ancient Ice Age Floods Gravels



Harder Road Calcrete Cap  
-----  
Sediment (>780,000 yrs old)  
-----  
Ancient Ice Age Floods Gravels

