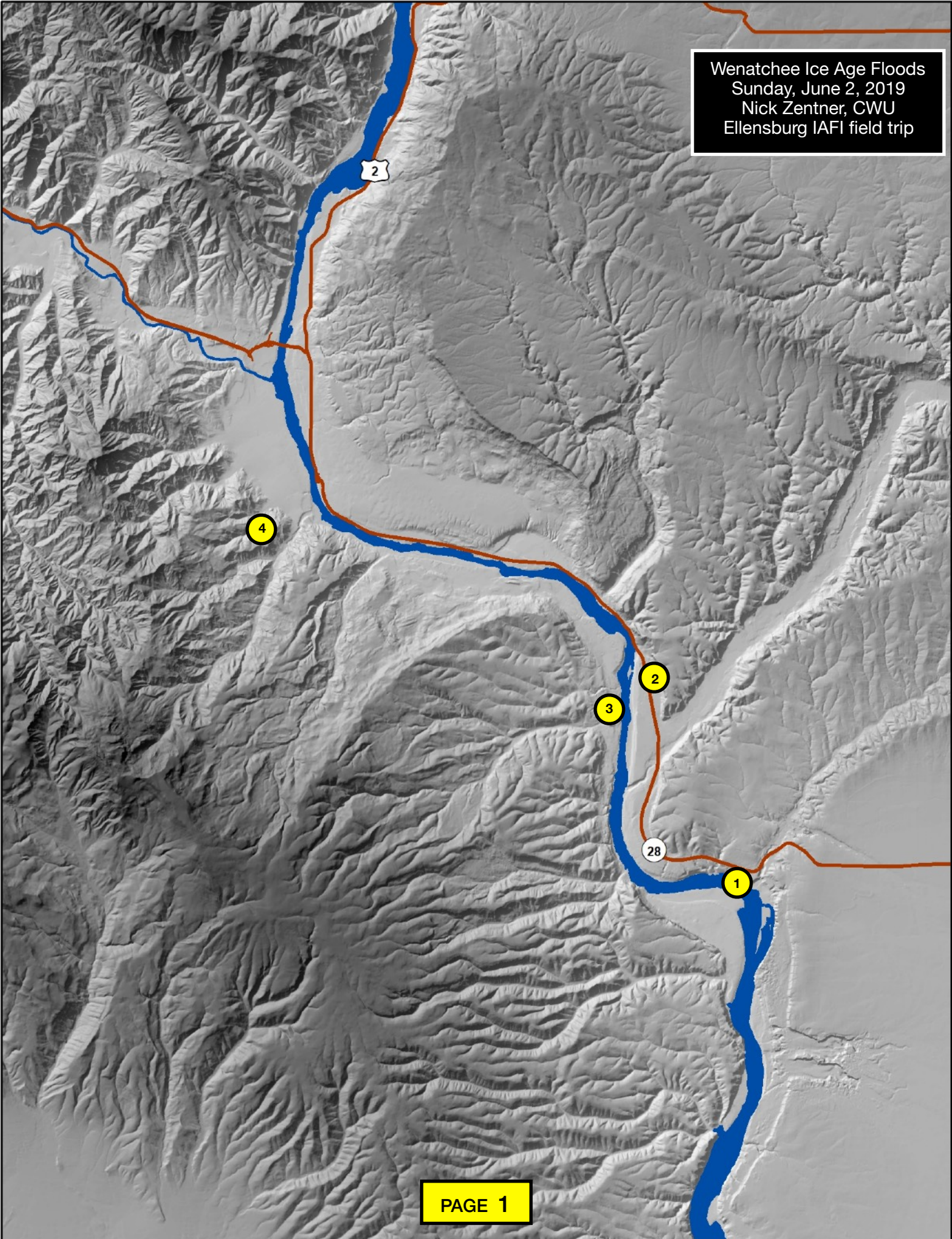


Wenatchee Ice Age Floods
Sunday, June 2, 2019
Nick Zentner, CWU
Ellensburg IAFI field trip



10:00 am

Depart CWU

I-90 East from Ellensburg, Exit 149 at George, L on 281N, 10.5 mi, Quincy, L on 28W, 7.3 mi, L on Crescent Bar Road, 0.7 mi, L into gravel lot just shy of Mansfield Rd. Please park in north half of lot.

11:00 am Stop 1 Crescent Bar Area

47°13'45.8"N 120°00'50.1"W 880 ft elevation

Return to 28W, L toward Wenatchee, 8.6 mi, R on E Sunrise Lane, L at 'T', park at concrete barricade/dead end. Hike 200 yards on 'old 28' to grassy knoll on left.

12:00 pm Stop 2 Sunrise Lane Area

47°19'12.4"N 120°04'05.2"W 863 ft elevation

Return to 28W, R toward Wenatchee, 13.2 mi, slight L on 285N, 0.5 mi over river, L on S. Mission St, 0.1 mi, L on Marr St, 0.1 mi, R on S Wenatchee Ave (turns into Malaga Hwy turns into Colockum Road), 12.2 mi, L on Ravens Home Lane, 0.6 mi to turnaround, park on shoulder near 'The Bluffs' subdivision 'Lot 5'.

1:30 pm Stop 3 Colockum Road Area

47°18'54.1"N 120°05'42.5"W 730 ft elevation

Return to Colockum Rd, R toward Wenatchee, 12.0 mi, L on Crawford Ave, 1.1 mi, L on S Miller St, 0.5 mi, Saddle Rock Trailhead parking lot. Head to picnic shelter perched above lot for Nick lecture. Optional hiking up to Saddle Rock afterward.

2:30 pm Stop 4 Saddle Rock Trailhead

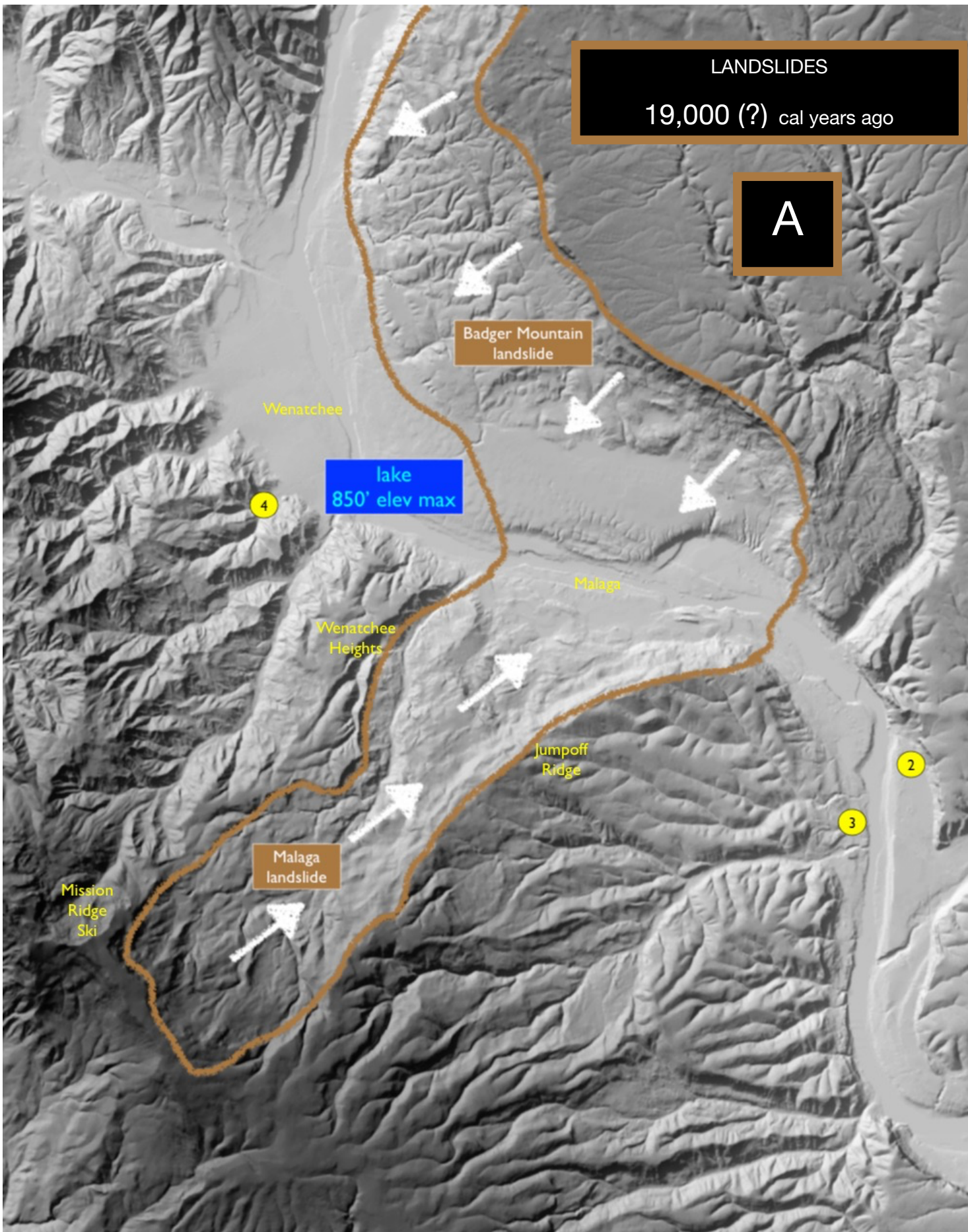
47°23'46.7"N 120°19'49.6"W 1073 ft elevation

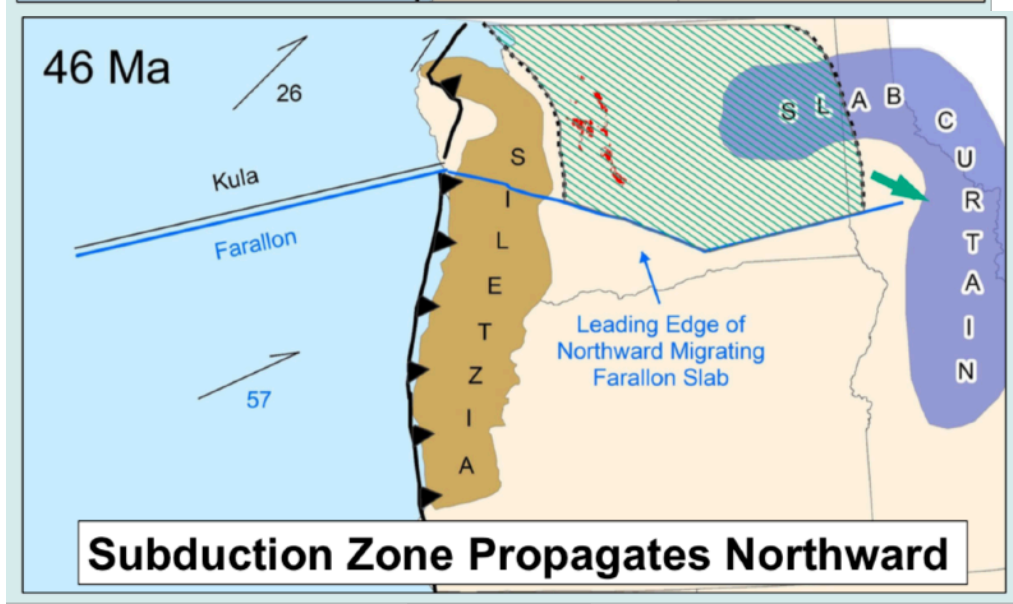
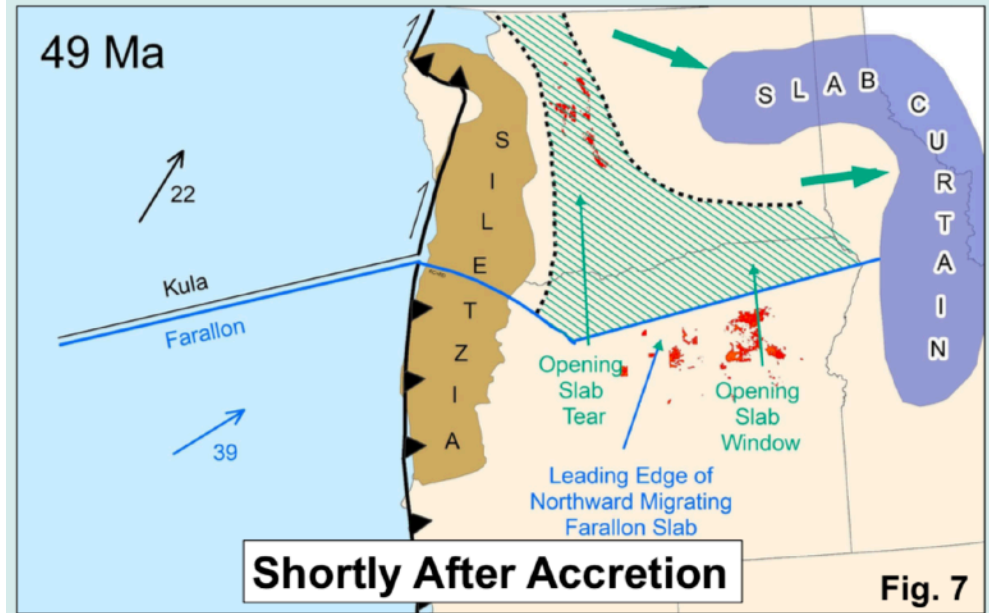
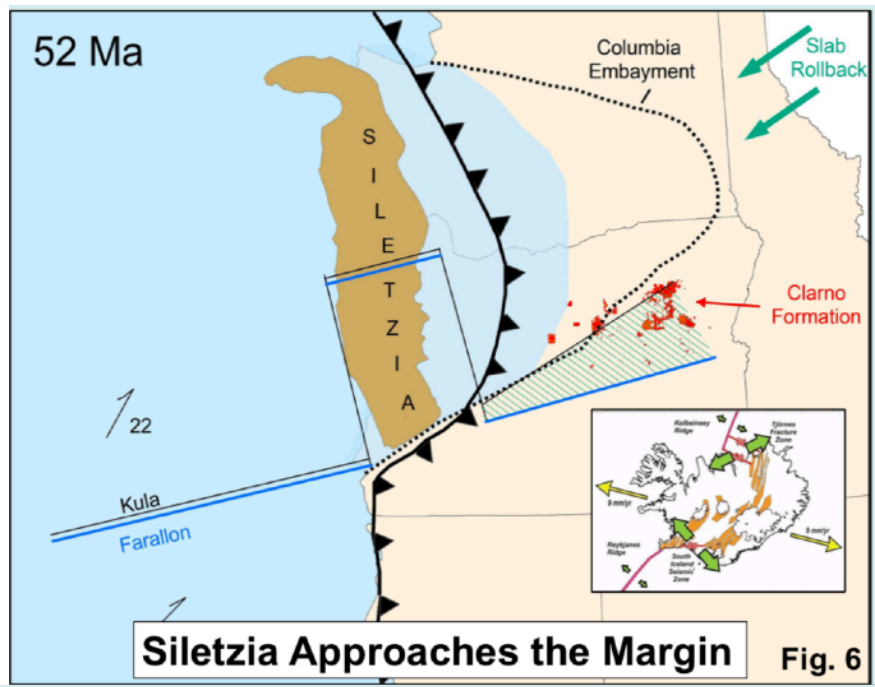
Follow Miller Street to downtown Wenatchee, return to Ellensburg either W on US 2 & US 97 over Blewett Pass...or return to Ellensburg by backtracking on 28E to Quincy, George, Vantage...

PAGE 2

6:00 pm

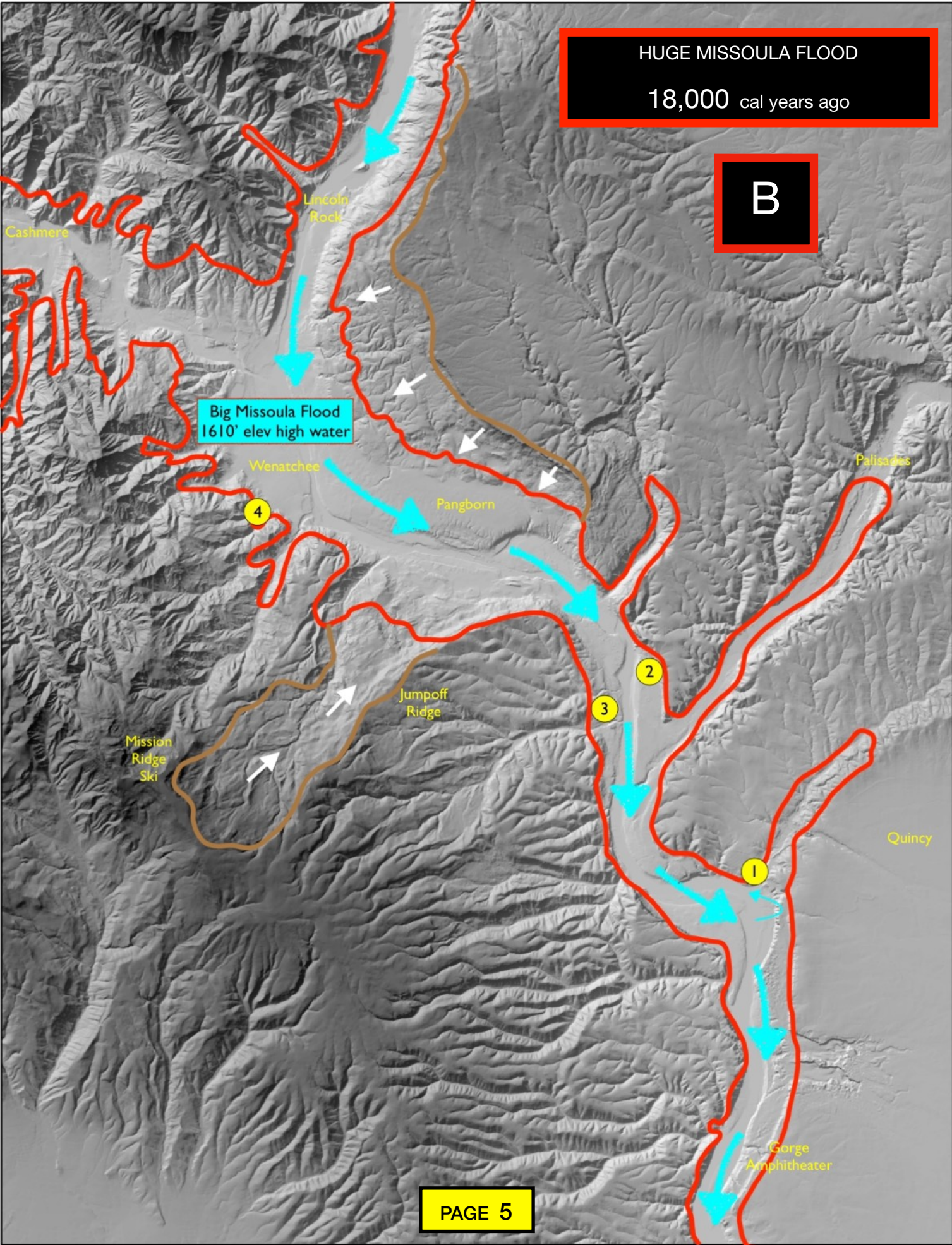
Arrive CWU





HUGE MISSOULA FLOOD
18,000 cal years ago

B



FIVE MOSES COULEEE FLOODS

17,000 (?) cal years ago

C

Cashmere

Wenatchee

4

lake
920' elev max

Jumpoff
Ridge

Mission
Ridge
Ski

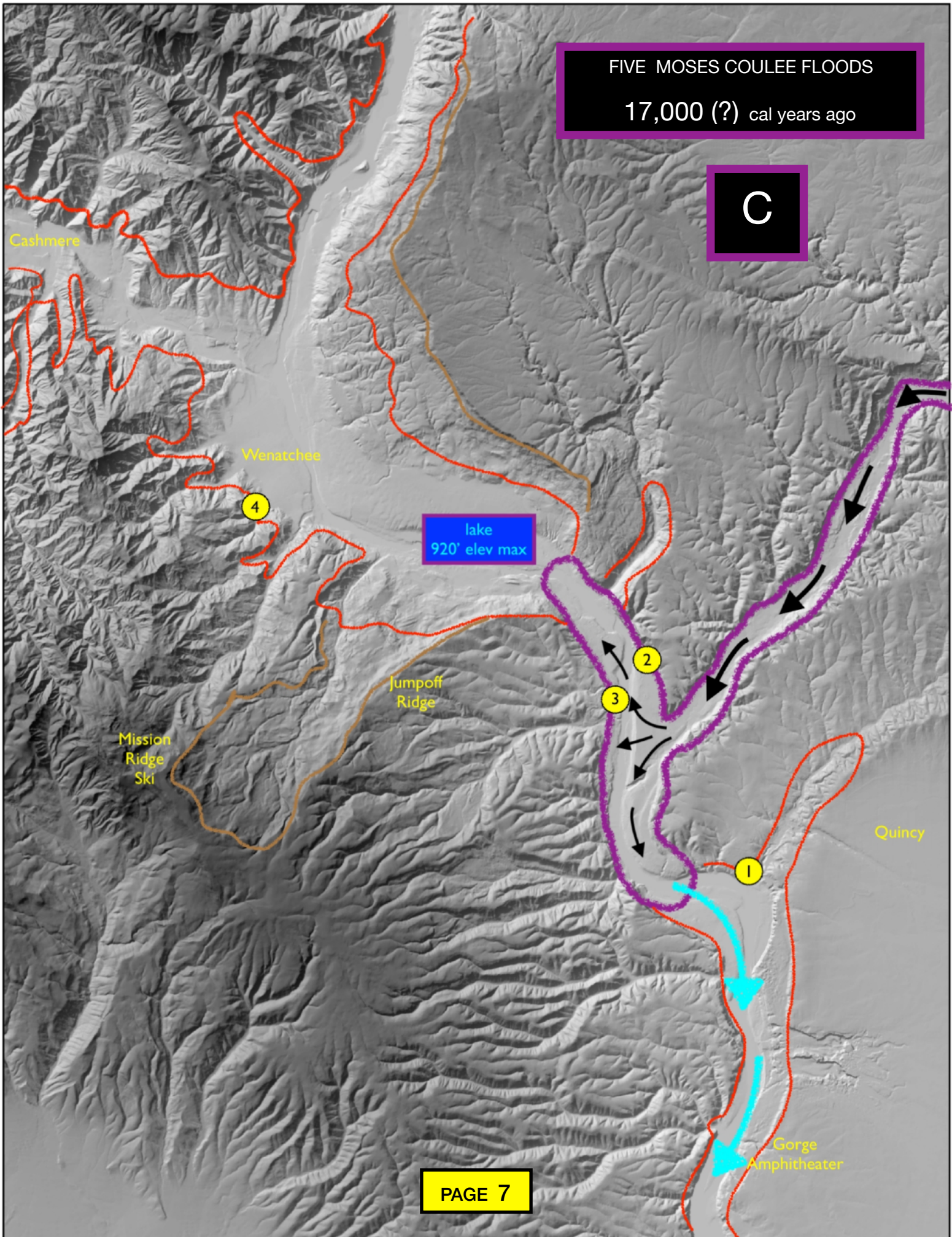
2

3

Quincy

1

Gorge
Amphitheater



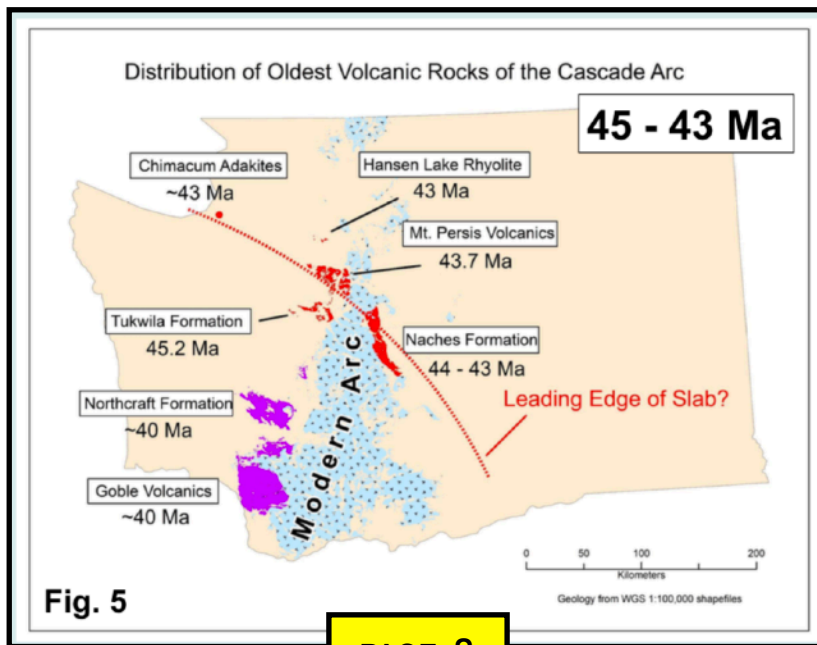
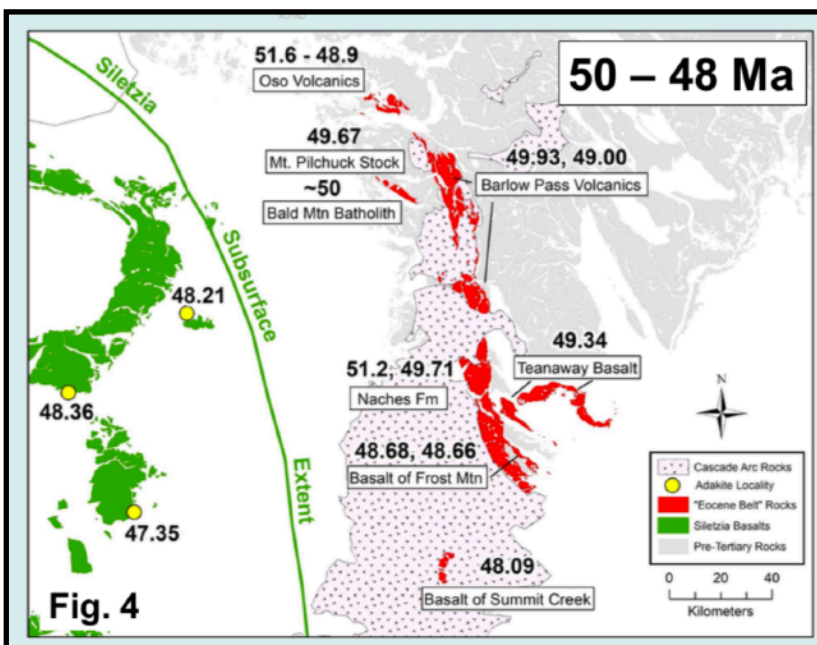
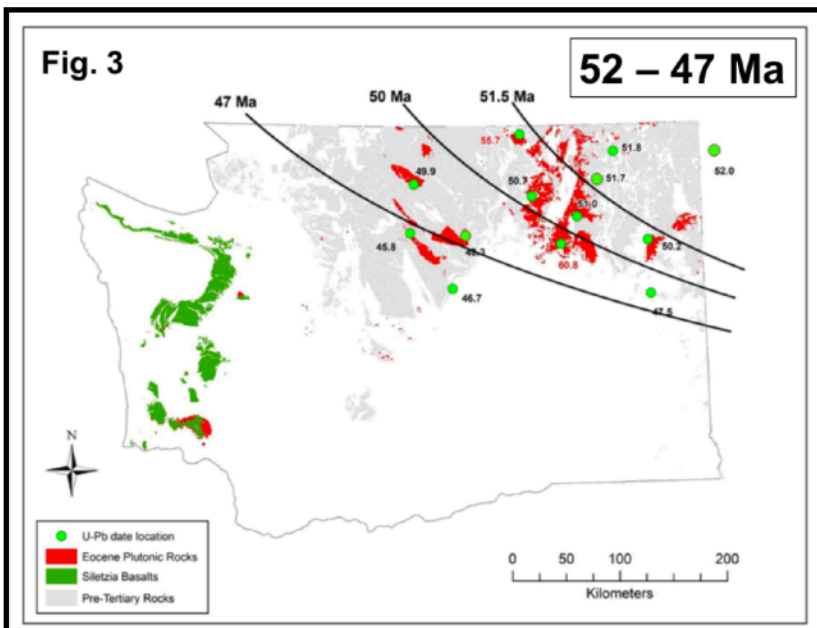


Fig. 5

DOZENS of GRAND COULEE FLOODS
16,000 cal years ago

D

Dryden

lake max
1100' elev

4

lake max
1100' elev

2

3

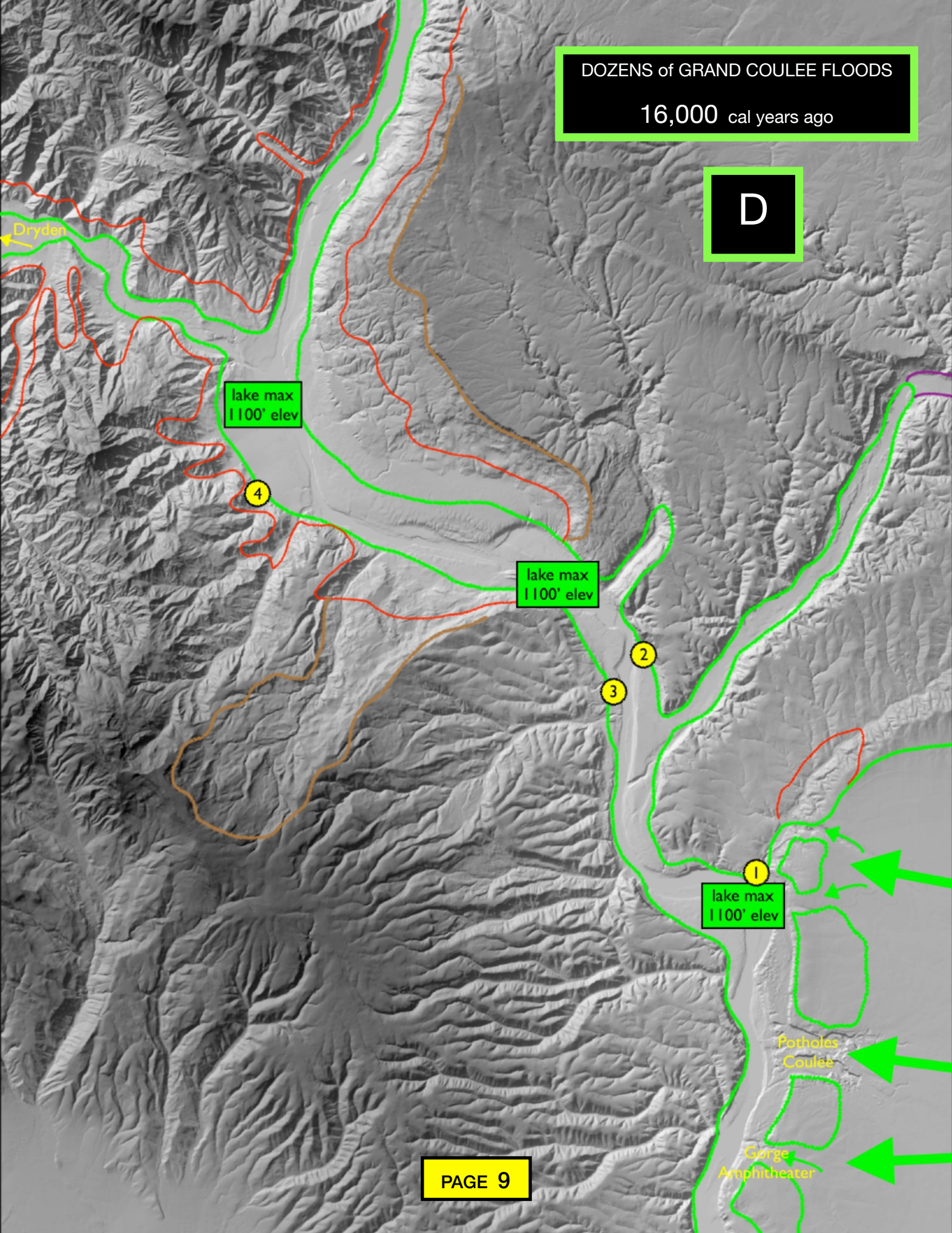
1

lake max
1100' elev

Potholes
Coulee

Gorge
Amphitheater

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ONE LAST BIG FLOOD

14,000 cal years ago

E

Last Big Flood
GL Columbia drain
1000' elev high water

4

Pangborn Bar
GCR

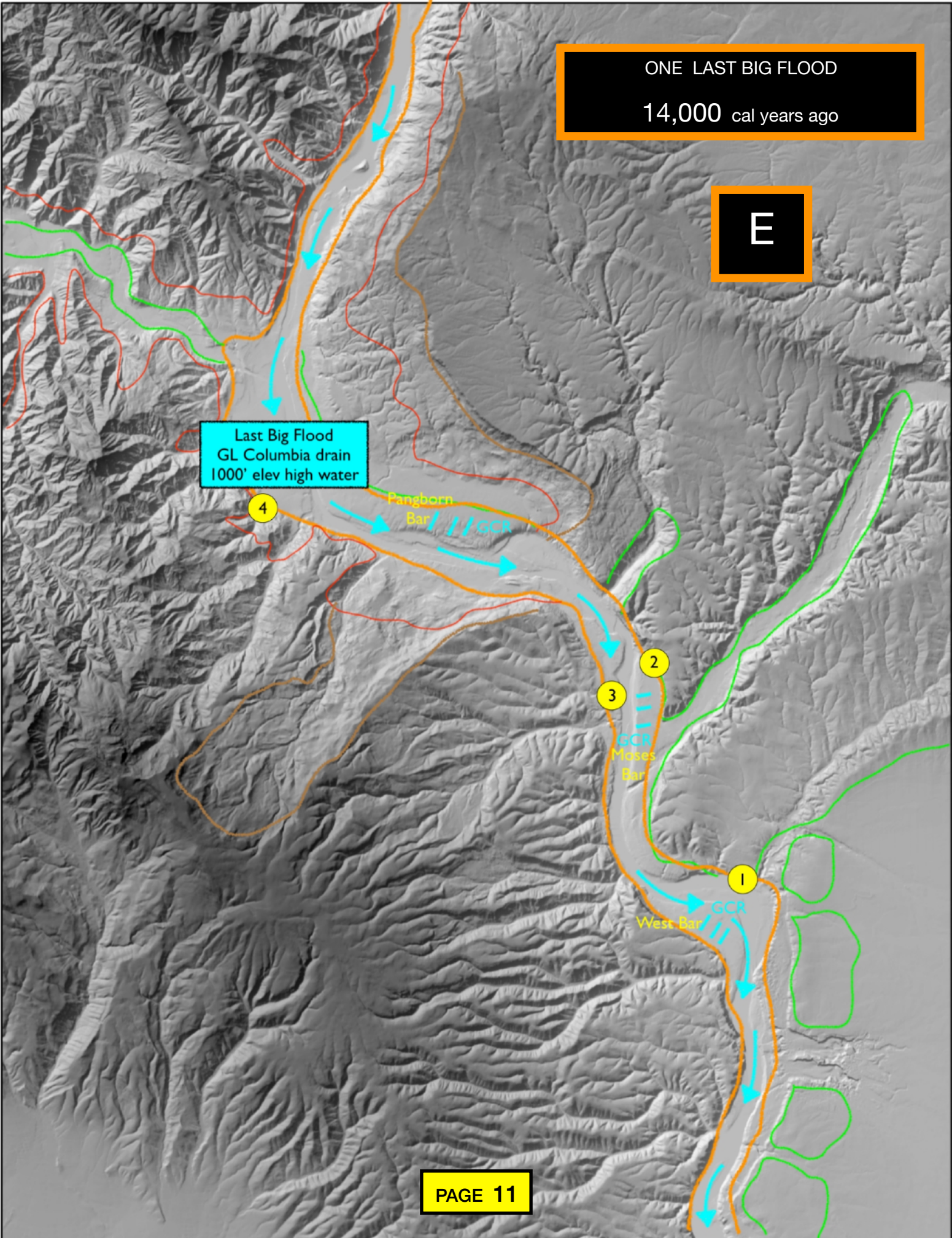
2

3

GCR
Moses Bar

1

GCR
West Bar



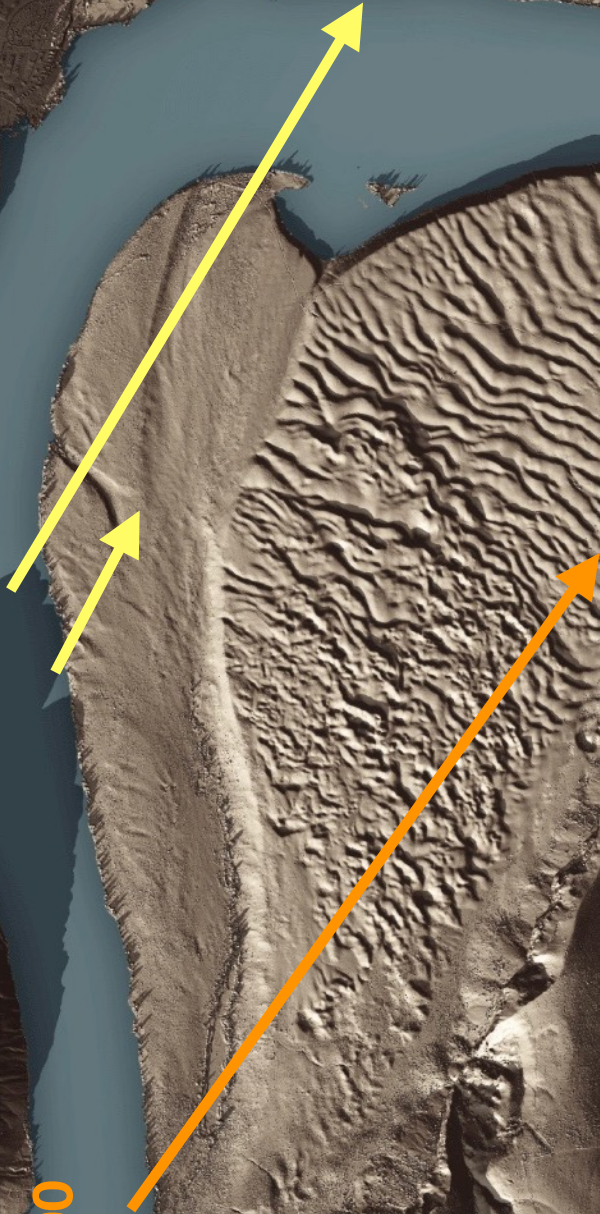
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GIANT RIPPLE MARKS

West Bar

13,300

14,000



ONE LAST SMALL FLOOD

13,300 cal years ago

F

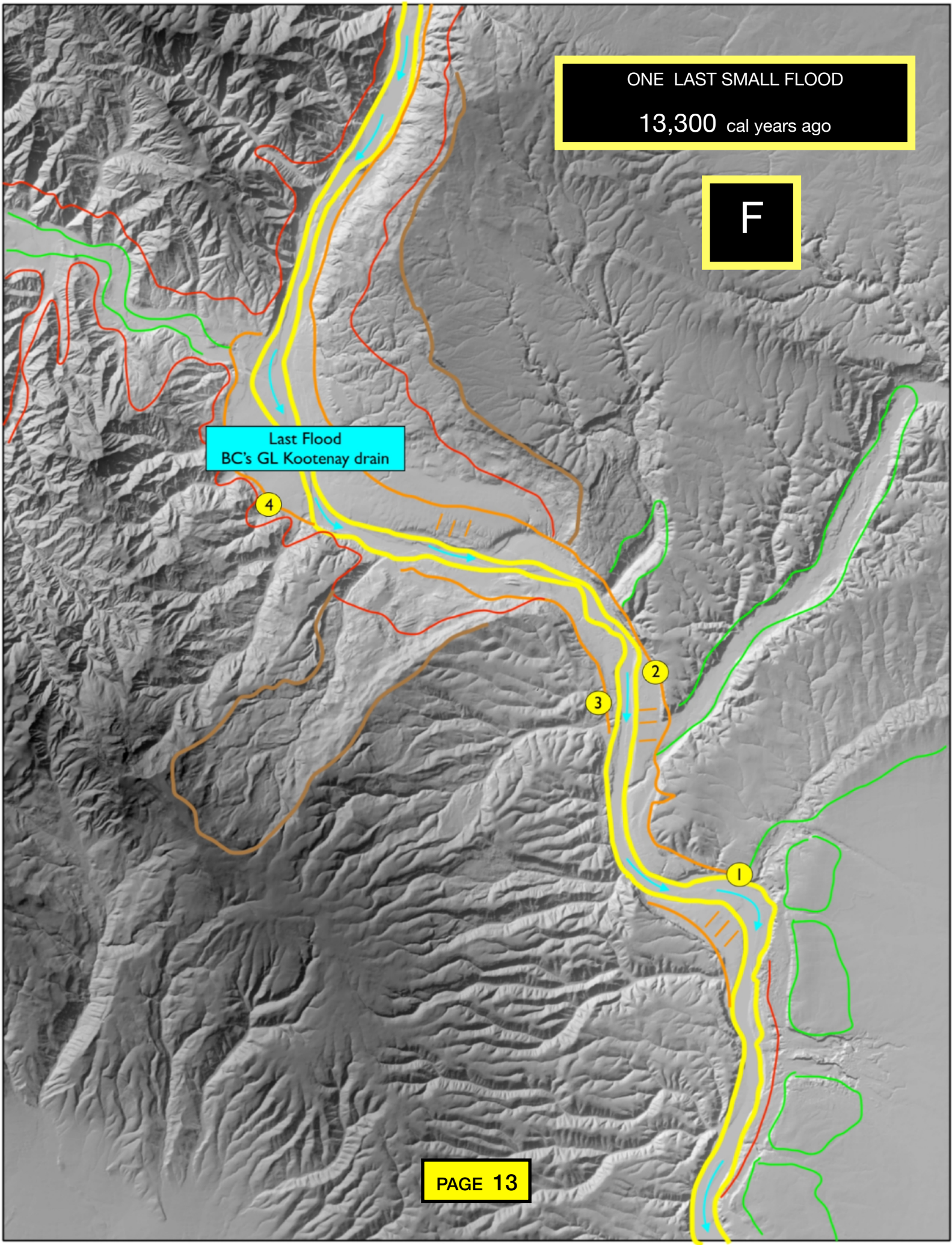
Last Flood
BC's GL Kootenay drain

4

2

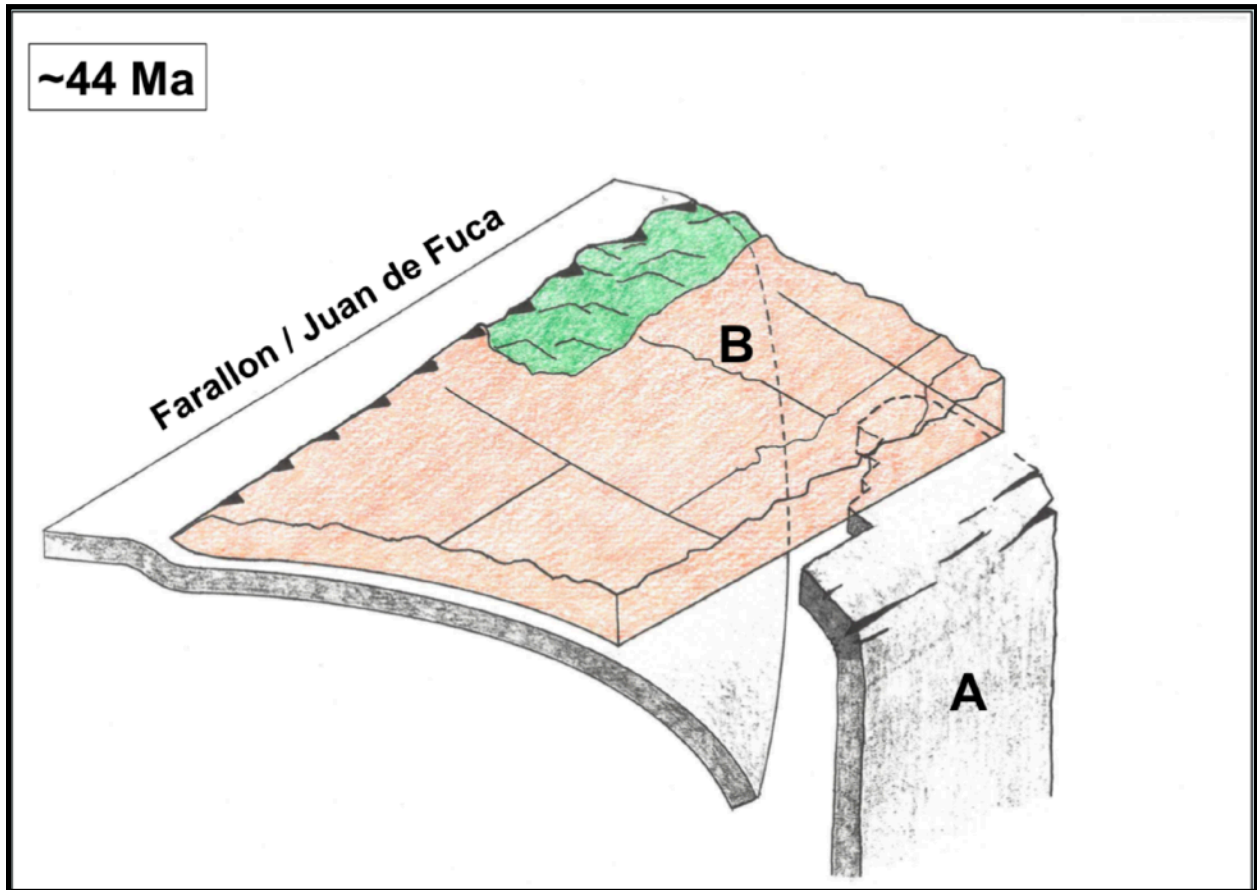
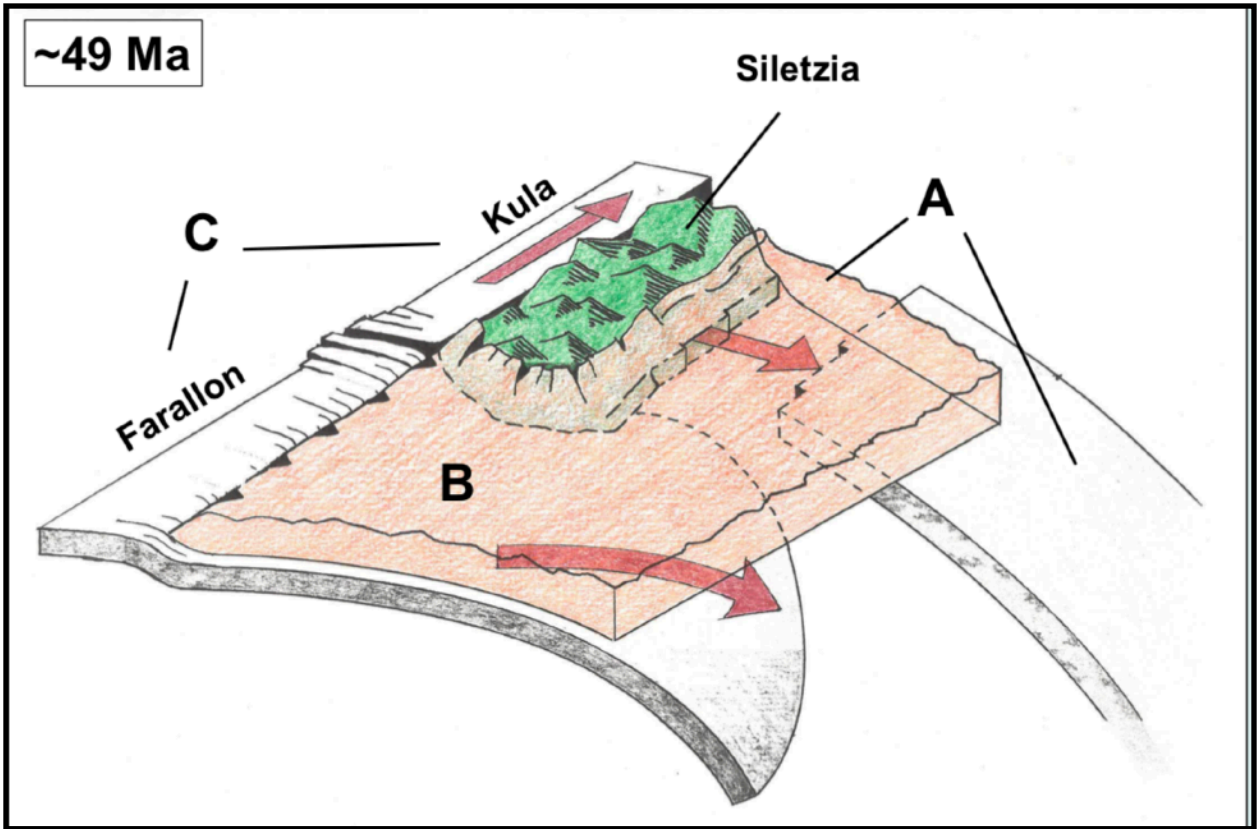
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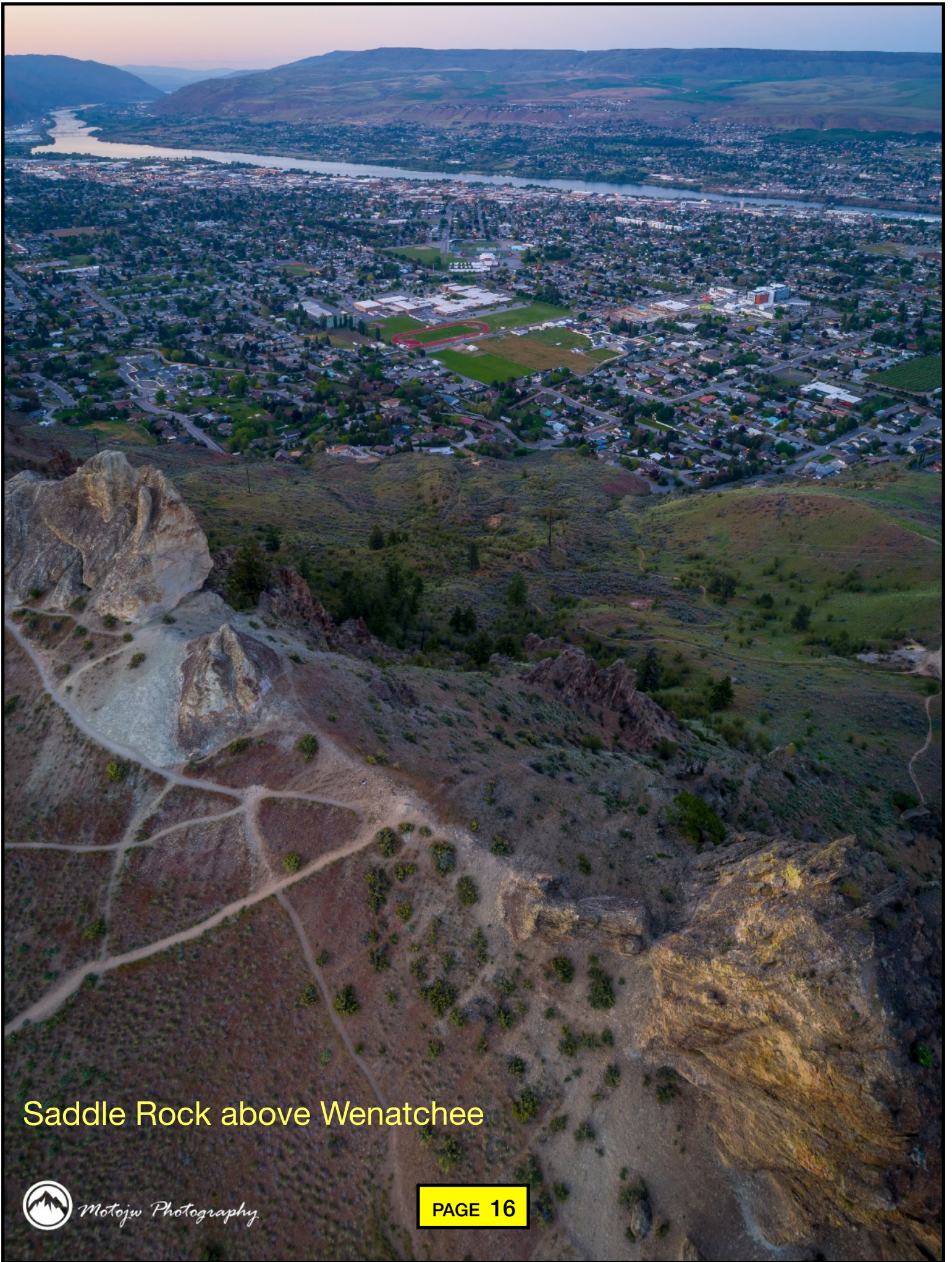
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Saddle Rock above Wenatchee







Saddle Rock above Wenatchee

