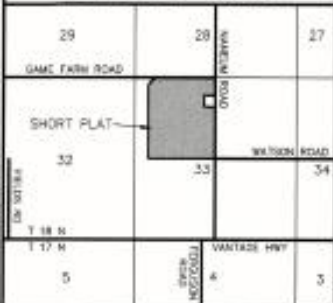


# VICINITY MAP



## NANEUM ROAD SHORT PLAT PART OF SECTION 33, T. 18 N., R. 19 E., W.M. KITITAS COUNTY, WASHINGTON



SP-17-



### LEGEND

- SET 5/8" REBAR W/ CAP - "CRUSE 36815"
- FOUND PIN & CAP - LS 18078
- FENCE
- EASEMENT
- RECORD INFORMATION

X	X	
X	X	

FD 5/8" REBAR  
VISITED 10/16  
SEE BK C OF  
SHORT PLATS  
PGS 33-34

KRD N.B.17.0  
ROTATE KRD  
CC 2'39"05"  
TO MATCH

FENCE  
16.6' EAST

(ALU) 5/8" N  
213.33' 00"

2191.62'

1435.77'

492.50' (EAST)  
FD 5/8" REBAR  
VISITED 10/16



ILLUSTRATED  
C/L 20' ESMT  
AFN 199607090089  
BASED ON EXHIBIT "A"

C 1/4 COR - FD CRUSE  
ALUM CAP - VISITED 10/16  
SEE BK D OF SHORT PLATS,  
PGS 94-95

### APPROVALS

KITITAS COUNTY DEPARTMENT OF PUBLIC WORKS  
EXAMINED AND APPROVED THIS \_\_\_\_\_ DAY OF \_\_\_\_\_ A.D., 201\_\_

KITITAS COUNTY HEALTH DEPARTMENT  
I HEREBY CERTIFY THAT THE PLAT HAS BEEN EXAMINED AND CONFORMS WITH CURRENT KITITAS COUNTY CODE CHAPTER 13  
DATED THIS \_\_\_\_\_ DAY OF \_\_\_\_\_ A.D., 201\_\_

CERTIFICATE OF COUNTY PLANNING DIRECTOR  
I HEREBY CERTIFY THAT THE NANEUM ROAD SHORT PLAT HAS BEEN EXAMINED BY ME AND FIND THAT IT CONFORMS TO THE COMPREHENSIVE PLAN OF THE KITITAS COUNTY PLANNING COMMISSION  
DATED THIS \_\_\_\_\_ DAY OF \_\_\_\_\_ A.D., 201\_\_

CERTIFICATE OF KITITAS COUNTY TREASURER  
I HEREBY CERTIFY THAT THE TAXES AND ASSESSMENTS ARE PAID FOR THE PRECEDING YEARS AND FOR THIS YEAR IN WHICH THE PLAT IS NOW TO BE FILED.  
PARCEL NO: 814834  
DATED THIS \_\_\_\_\_ DAY OF \_\_\_\_\_ A.D., 201\_\_

NAME AND ADDRESS - ORIGINAL TRACT OWNERS  
NAME: RON & SONJA MITCHELL  
ADDRESS: 1351 NANEUM ROAD  
ELLENSBURG, WA 99825  
PHONE: (509) 982-9057  
EXISTING ZONE: AG-20  
SOURCE OF WATER: INDIVIDUAL WELLS  
SEWER SYSTEM: ON SITE SEWAGE SYSTEMS  
STORM WATER: NO IMPROVEMENTS FOR THIS APP  
NOTH AND TYPE OF ACCESS: COUNTY ROAD R/W  
NO. OF SHORT PLATTED LOTS: THREE (3)  
SCALE: 1" = 200'

SUBMITTED ON \_\_\_\_\_  
AUTOMATIC APPROVAL DATE \_\_\_\_\_  
RETURNED FOR CAUSE DATE \_\_\_\_\_

### AUDITOR'S CERTIFICATE

Filed for record this \_\_\_\_\_ day of \_\_\_\_\_  
2018, at \_\_\_\_\_ M., in Book L of Short Plats  
at page(s) \_\_\_\_\_ of the request of Cruse & Associates.  
RECEIVING NO. \_\_\_\_\_

JERALD V. PETTIT by \_\_\_\_\_  
KITITAS COUNTY AUDITOR

### SURVEYOR'S CERTIFICATE

This map contains a proposed survey made by me or under my direction in compliance with the requirements of the Survey Recording Act of the request of RON & SONJA MITCHELL in AUGUST of 2017.

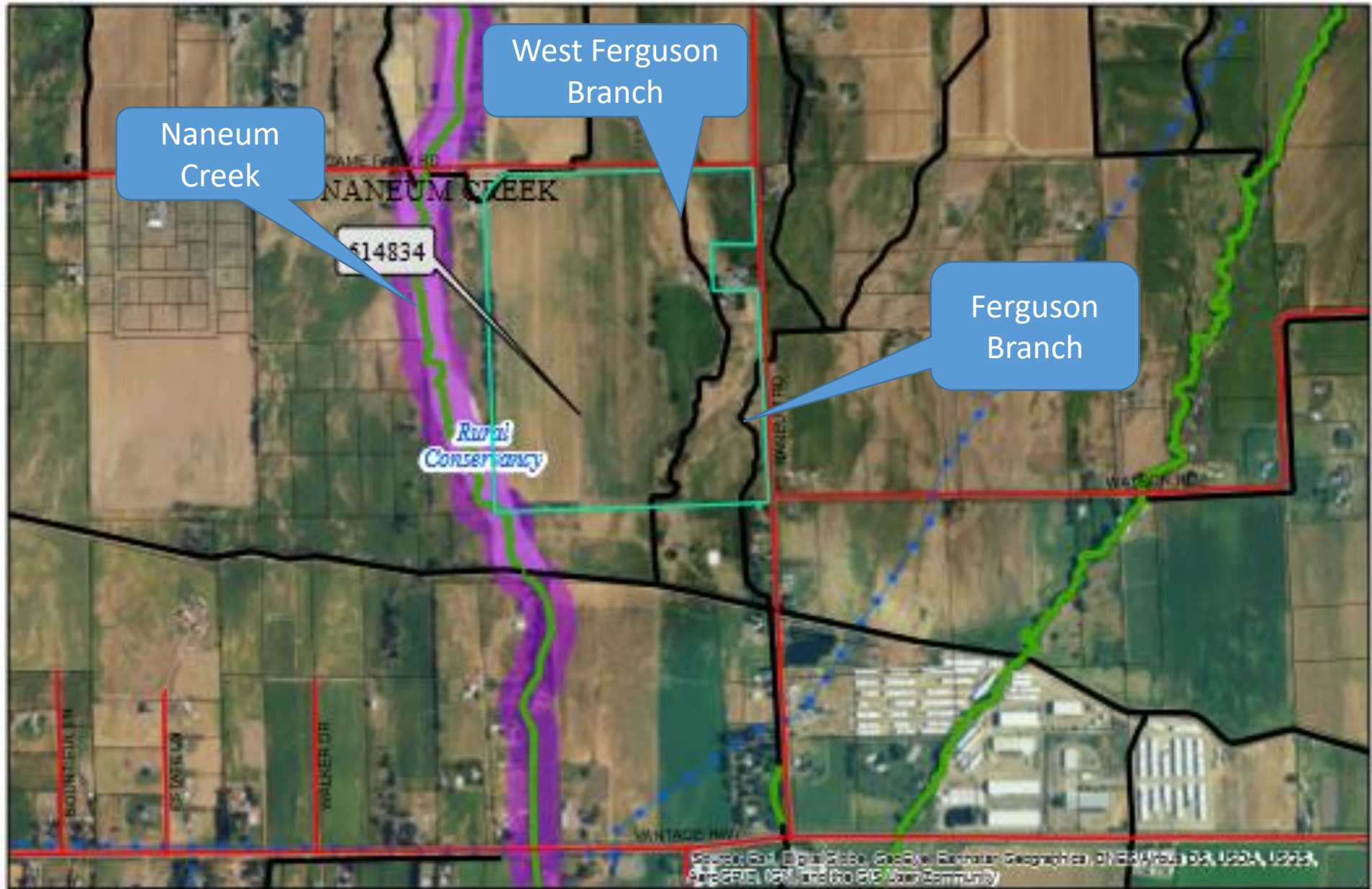
*Christopher C. Cruse*  
CHRISTOPHER C. CRUSE  
Professional Land Surveyor  
License No. 36515

DATE: 12/11/2017



**CRUSE & ASSOCIATES**  
PROFESSIONAL LAND SURVEYORS  
217 E. Fourth St. P.O. Box 969  
Ellensburg, WA 99826 (509) 982-8242

### NANEUM ROAD SHORT PLAT



Naneum  
Creek

West Ferguson  
Branch

Ferguson  
Branch

614834

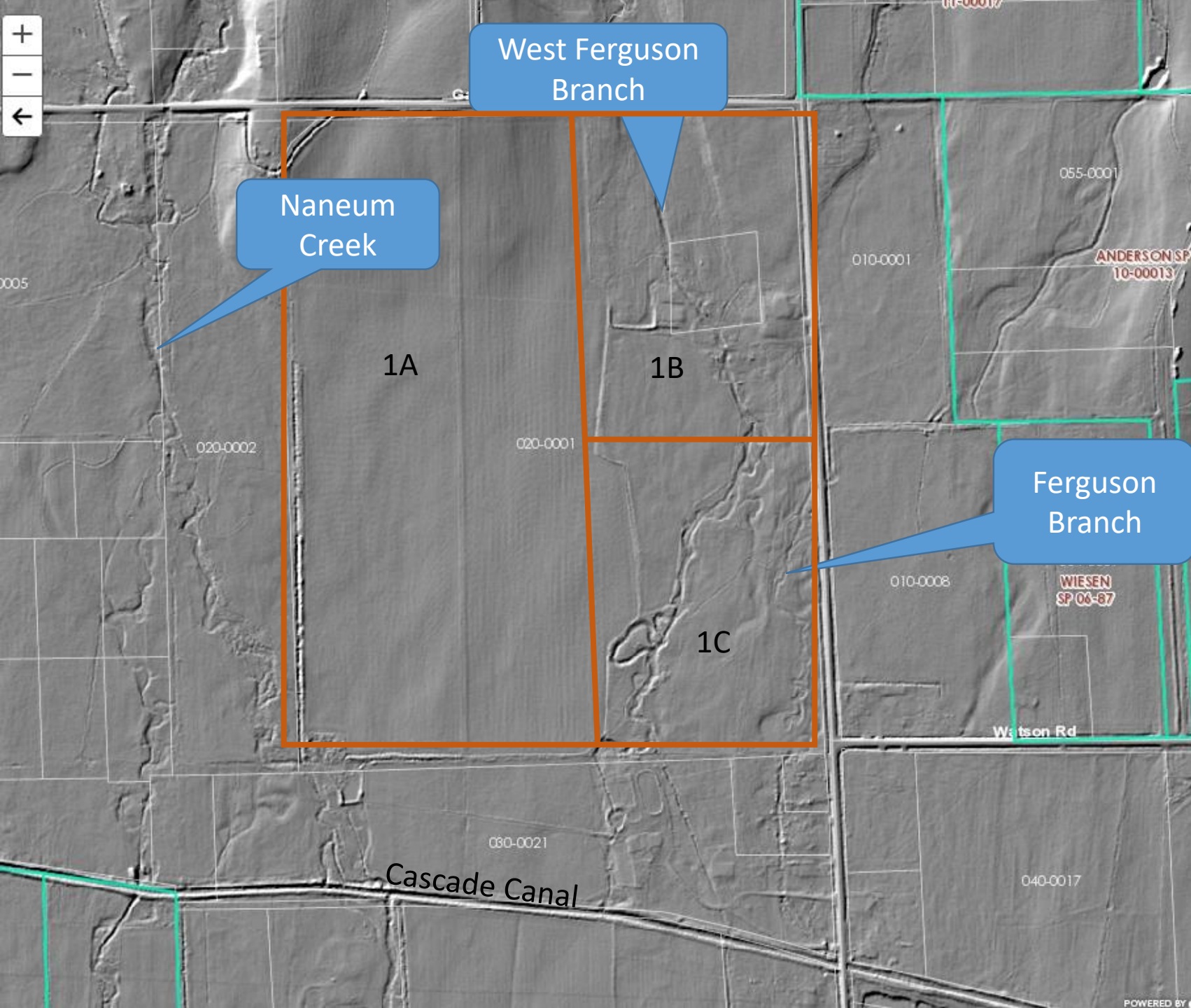
Rural  
Conservancy

Source: GIS, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

SP-17-00003  
Mitchell

Critical Areas





West Ferguson Branch

Naneum Creek

Ferguson Branch

The orange lines on this LIDAR image represent the approximate new lot lines proposed with the Short Plat. The channels of Naneum Creek, West Ferguson Branch, and Ferguson Branch are clearly shown in and around the property. In addition to these natural stream channels, irrigation ditches convey irrigation water along Naneum Road and along Game Farm Road. Each stream channel has at least one intersection with Cascade Canal south of the property.



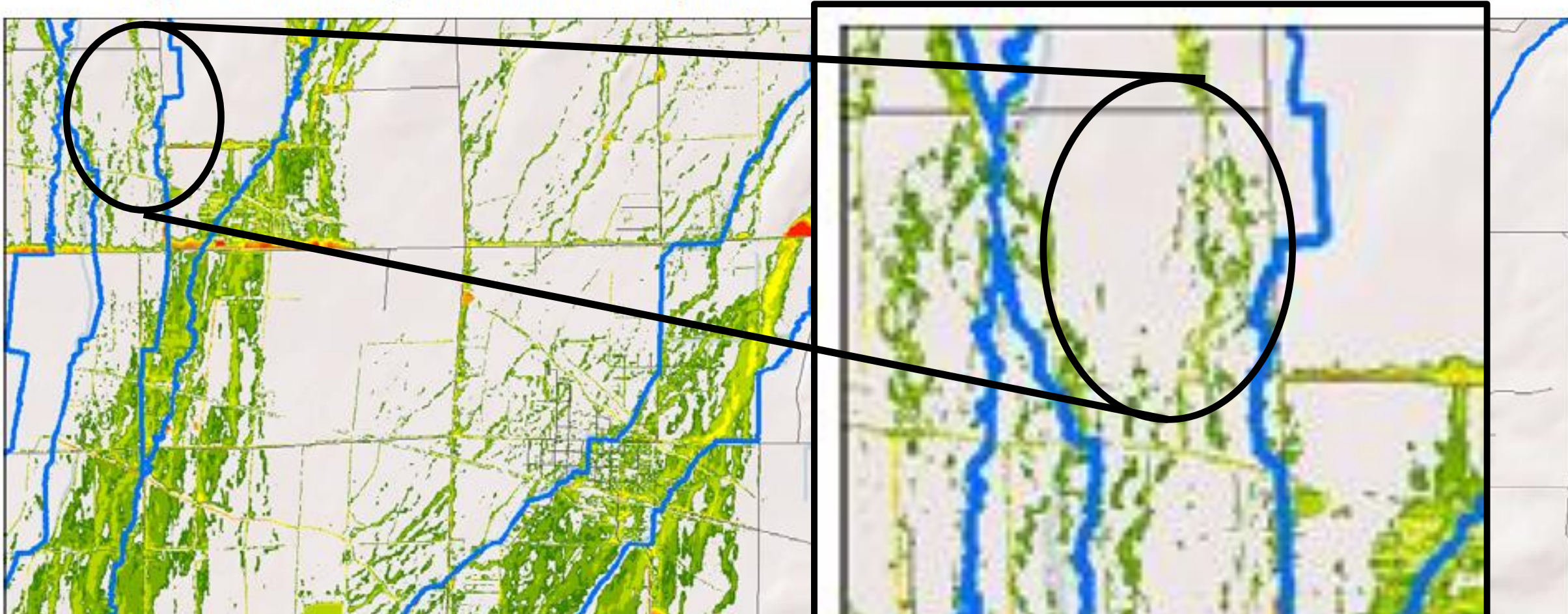
The FEMA floodplain map shown in the Master File maps only a narrow strip along Naneum and Coleman Creeks and is not an accurate representation of the active stream channels that can and do convey flood waters and contribute to overland flows.

SP-17-00003  
Mitchell

Flood

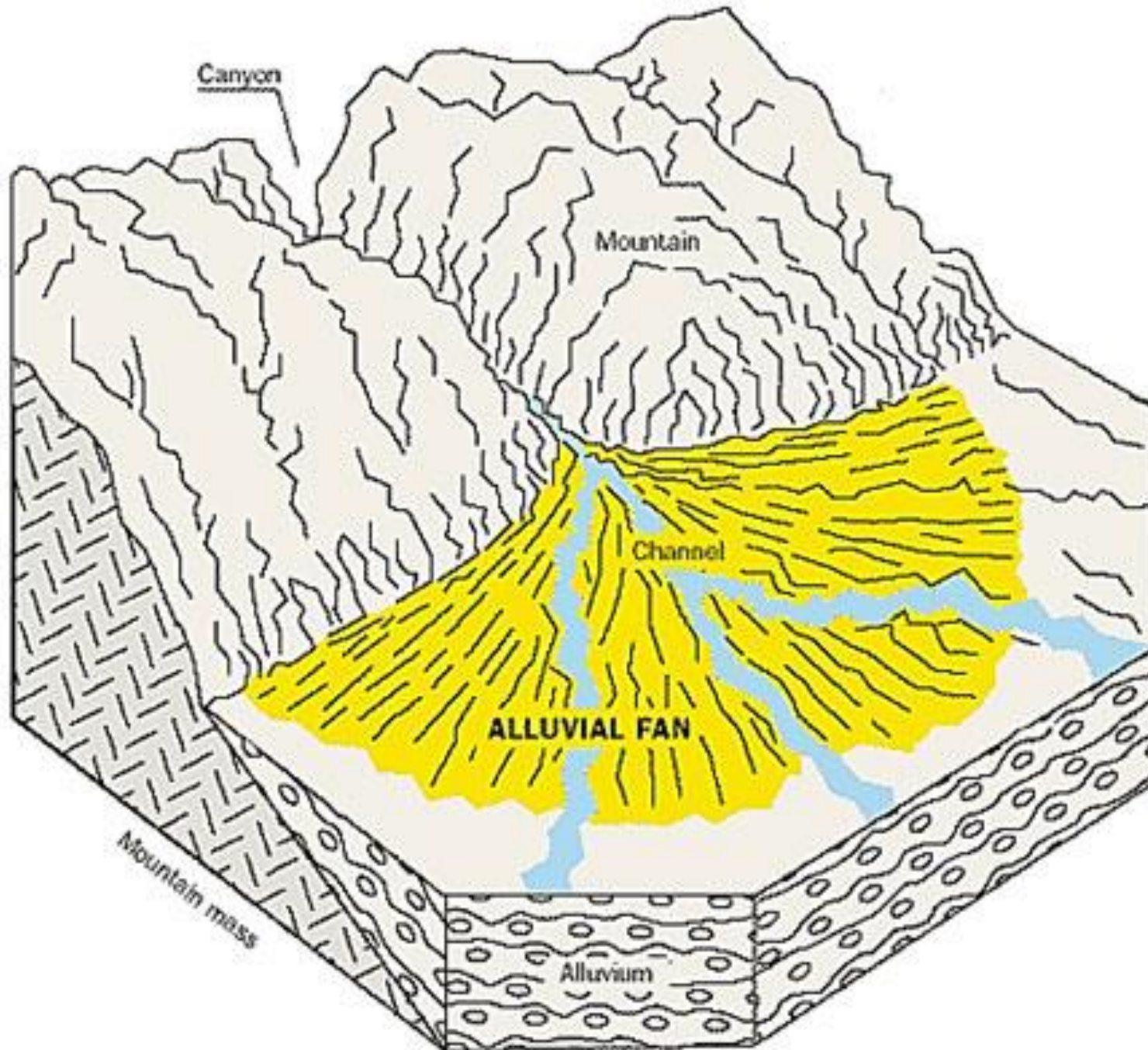


**Figure 25d –100-year 2D model output – SE panel**



These are the draft 100 year flood maps from the County's recently completed Naneum, Wilson, and Cherry Creek Watershed Assessment. This modeling effort took advantage of the existing LIDAR data and is likely a much more accurate representation of the actual flooding likely to occur on the property associated with Naneum Creek and the two Ferguson Branches. These images more accurately represent recent high flow events near this property and in other portions of the watershed.

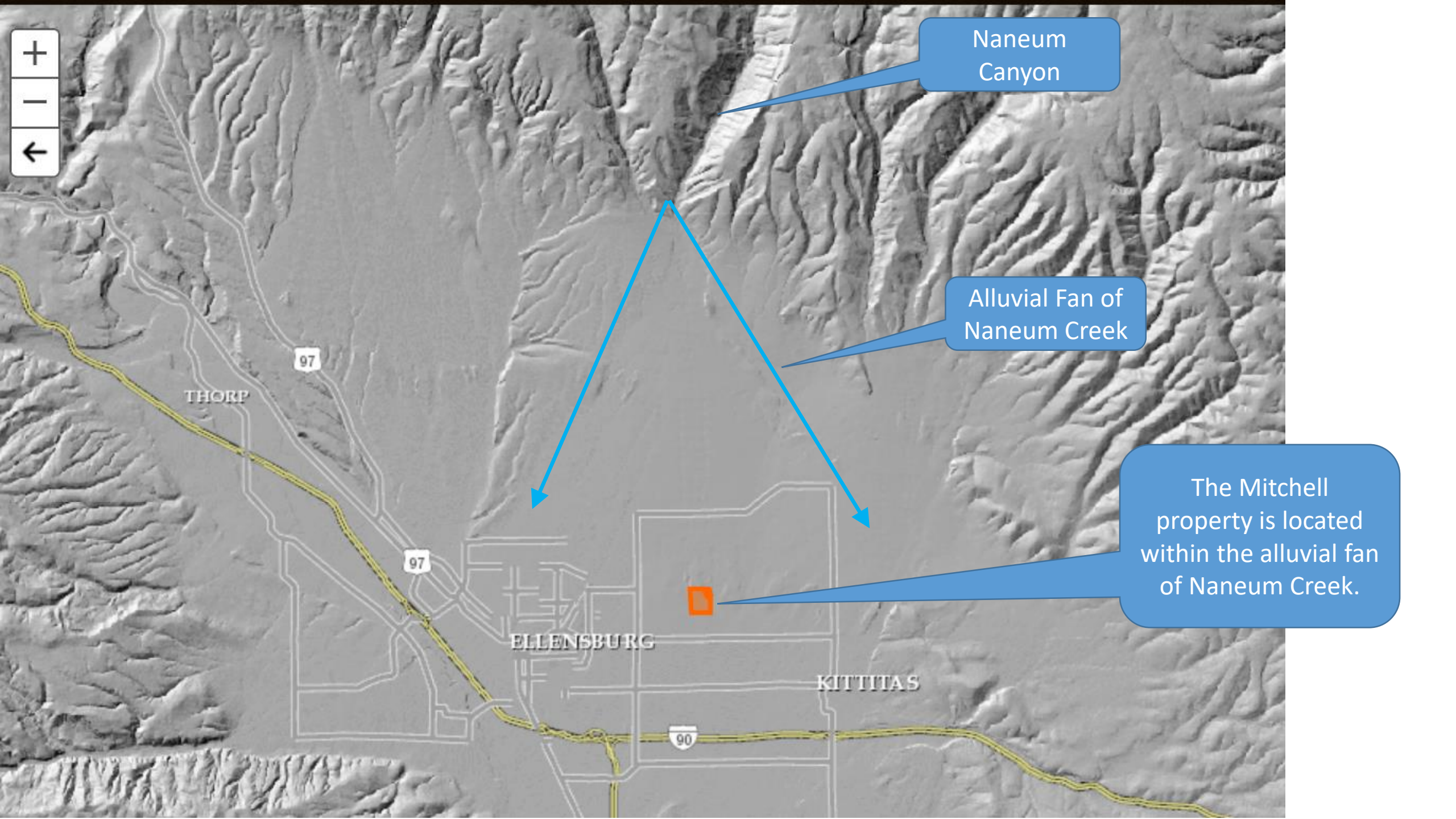




This is a generalized view of what an alluvial fan is. As a stream flows out of a canyon and a relatively constrained, single thread channel, it distributes into multiple channels as it spreads not only water, but debris and sediment throughout the alluvial fan.

This concept occurs throughout much of the Kittitas Valley, including the Naneum Watershed as shown in the next image.





Naneum  
Canyon

Alluvial Fan of  
Naneum Creek

The Mitchell  
property is located  
within the alluvial fan  
of Naneum Creek.





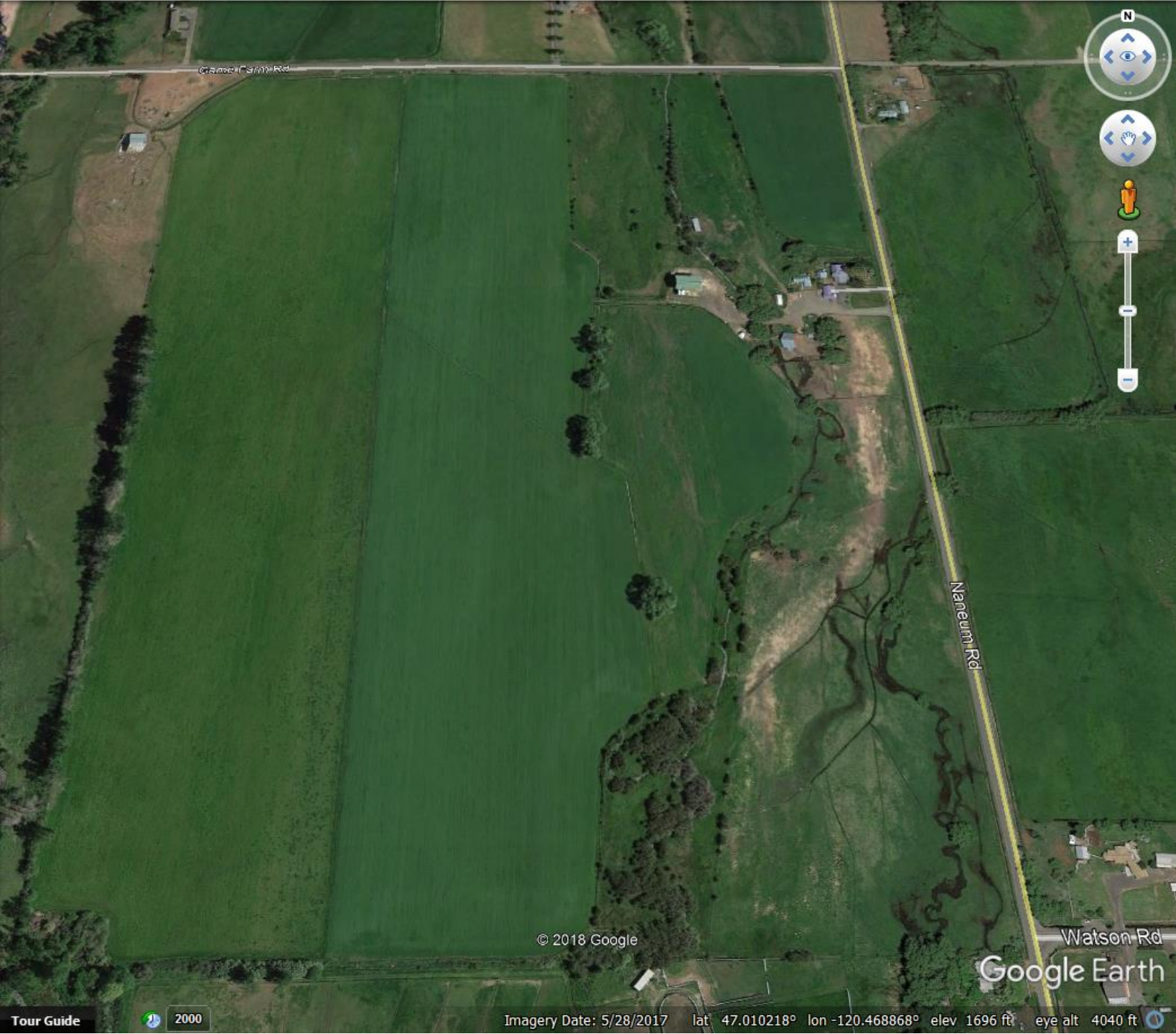
This photo was taken during spring high flows in a previous year. The photo was taken from Naneum Road, looking west at the Ferguson Branch culvert entering the Mitchell Property and distributing across the floodplain.





This photo comes from Google Earth at lower flows, later in the spring. Irrigation check dams are visible in Ferguson Branch downstream of the culvert.





This aerial photo was taken in May 2017 and shows both branches of Ferguson Creek flowing through the Mitchell Property.