

N51705 Trozzo Creek Fire – Our Story



BCCFA AGM 2021



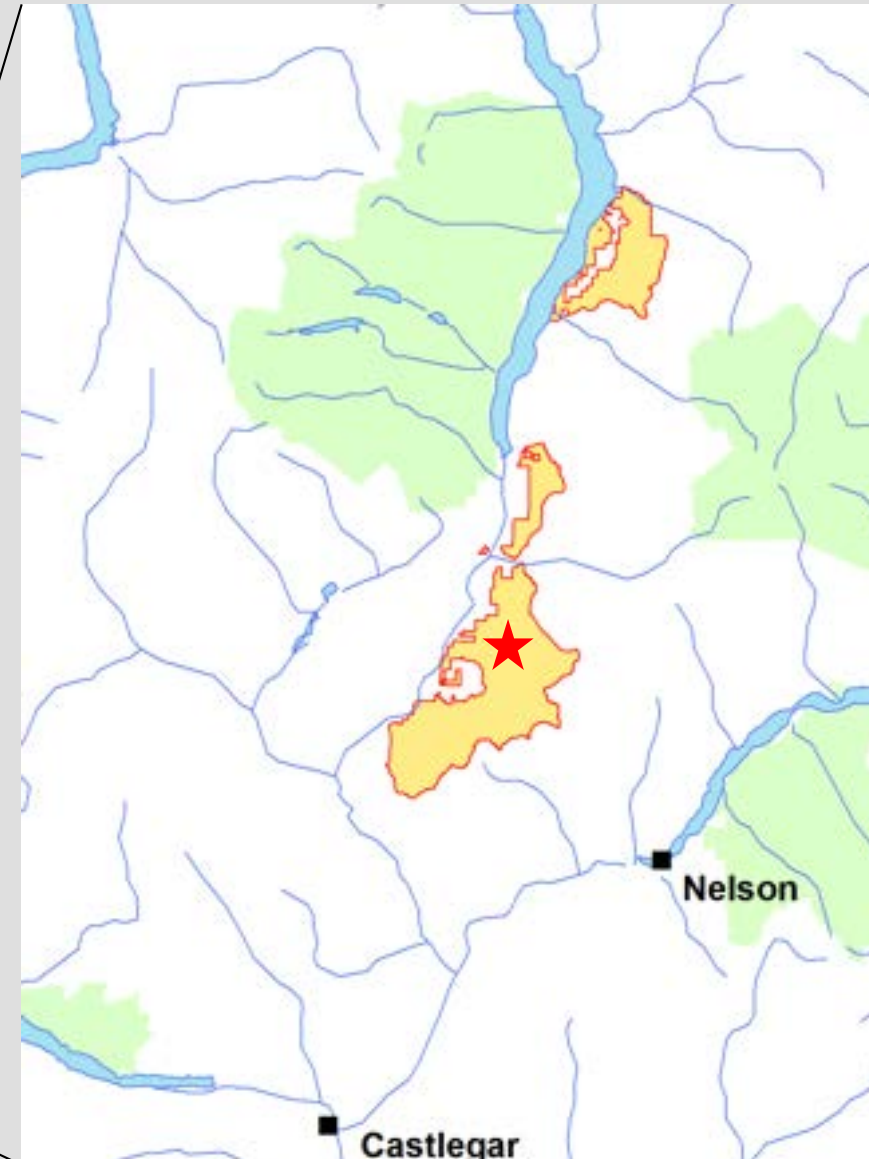
SIFCo

**SIFCo acknowledges with respect the
indigenous peoples within whose
traditional lands we are meeting today.**



History

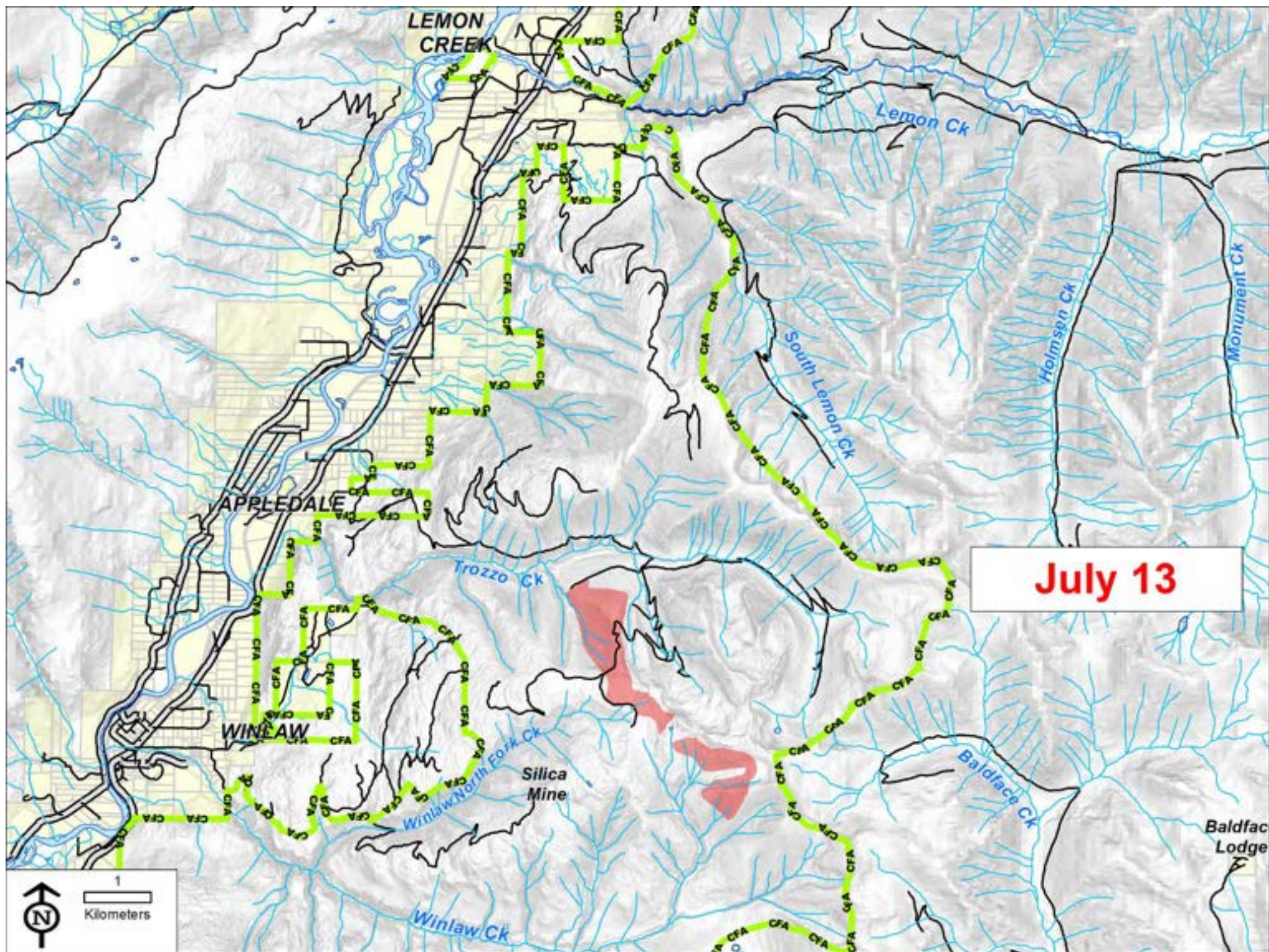
- Discovered July 9, 2021 in Trozzo Creek

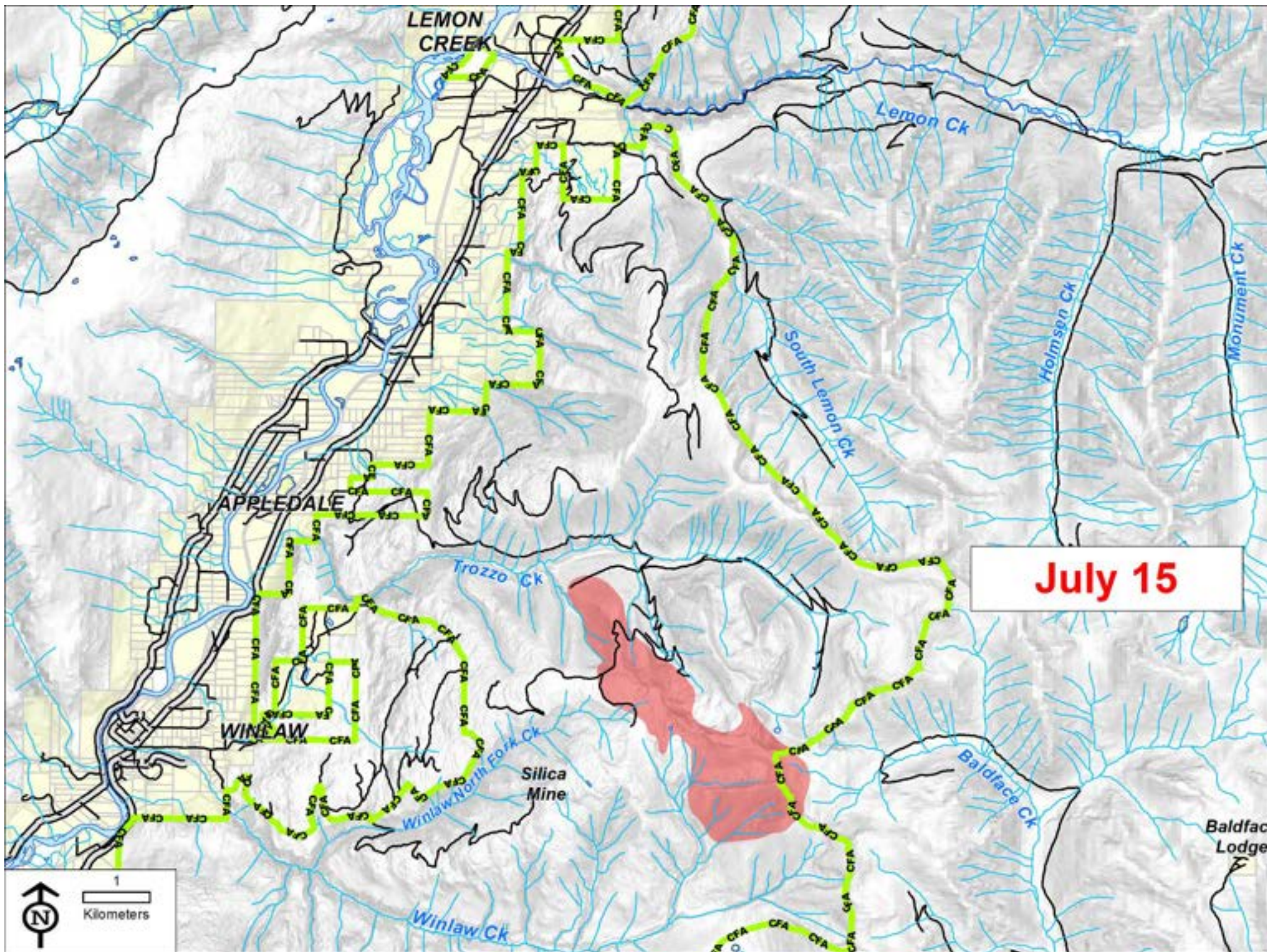


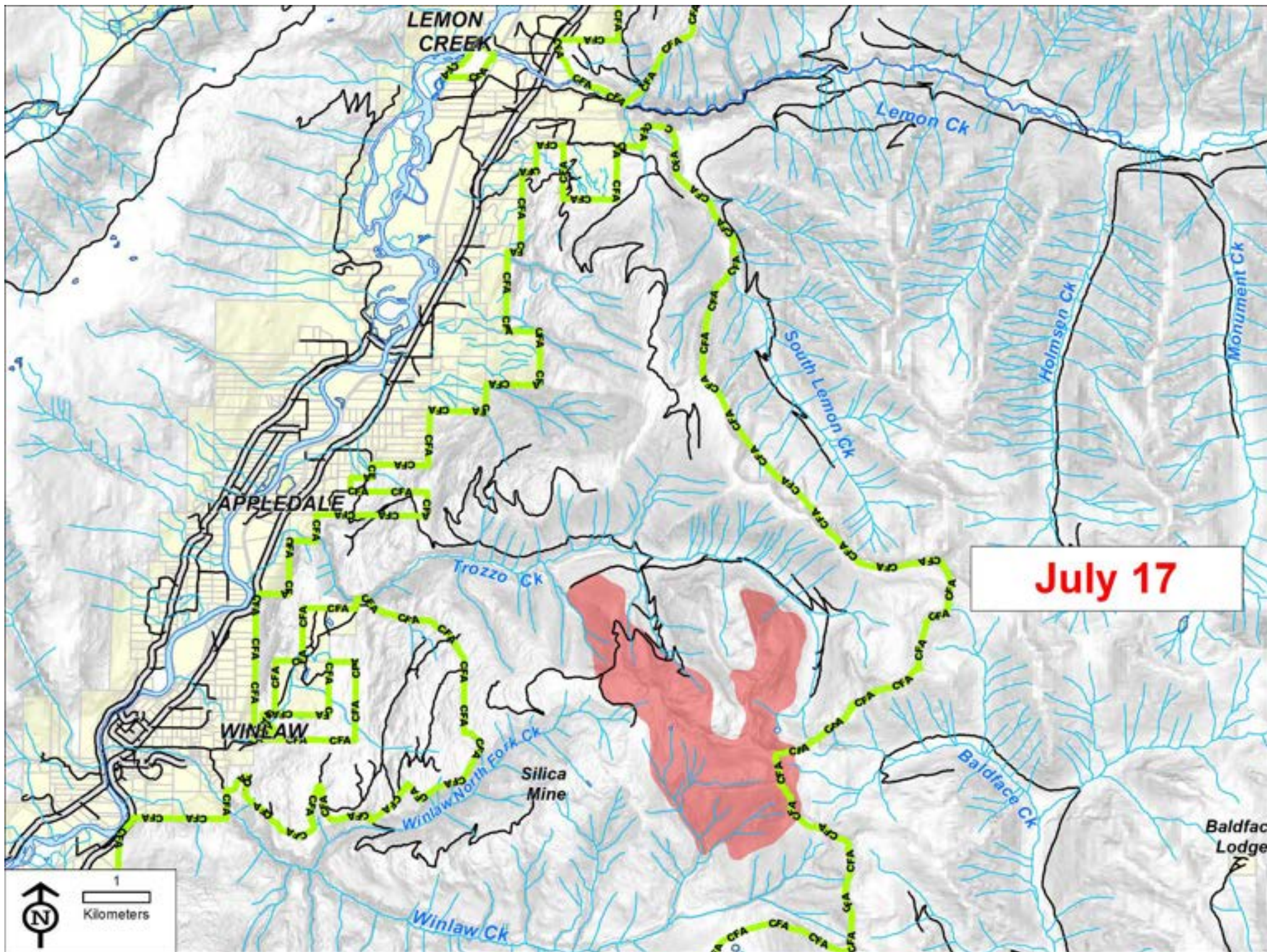
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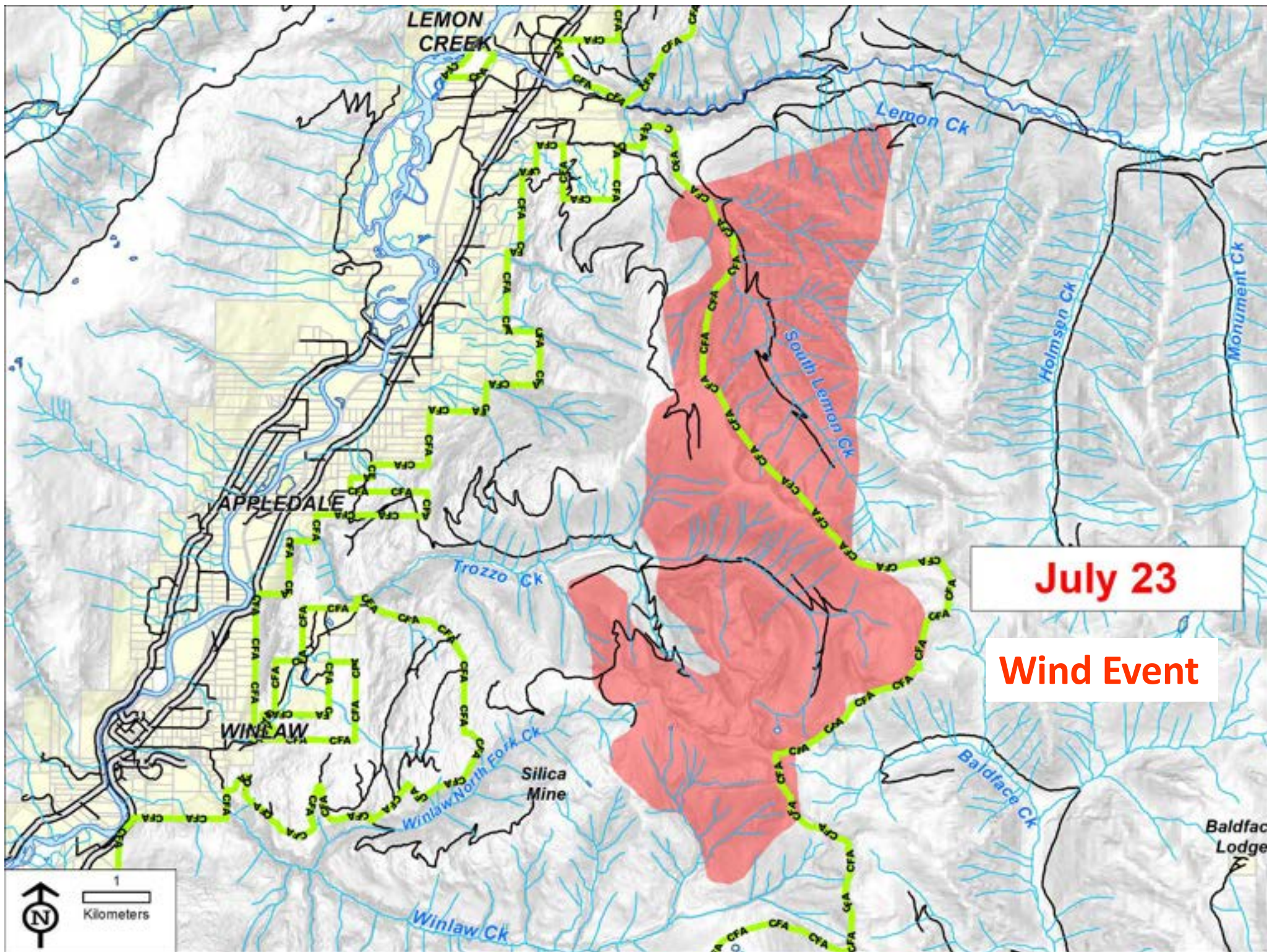
- Going pretty well by July 11







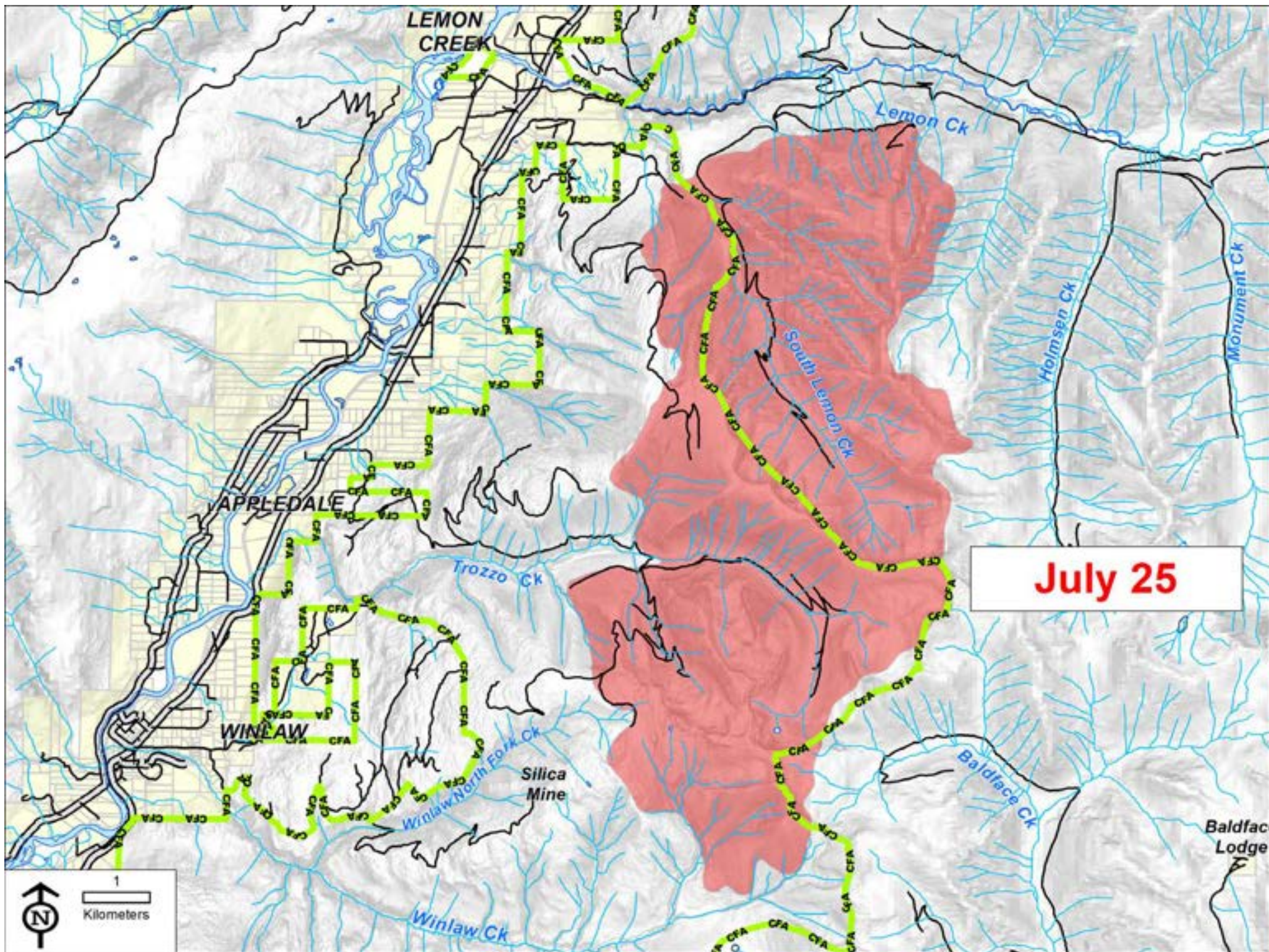


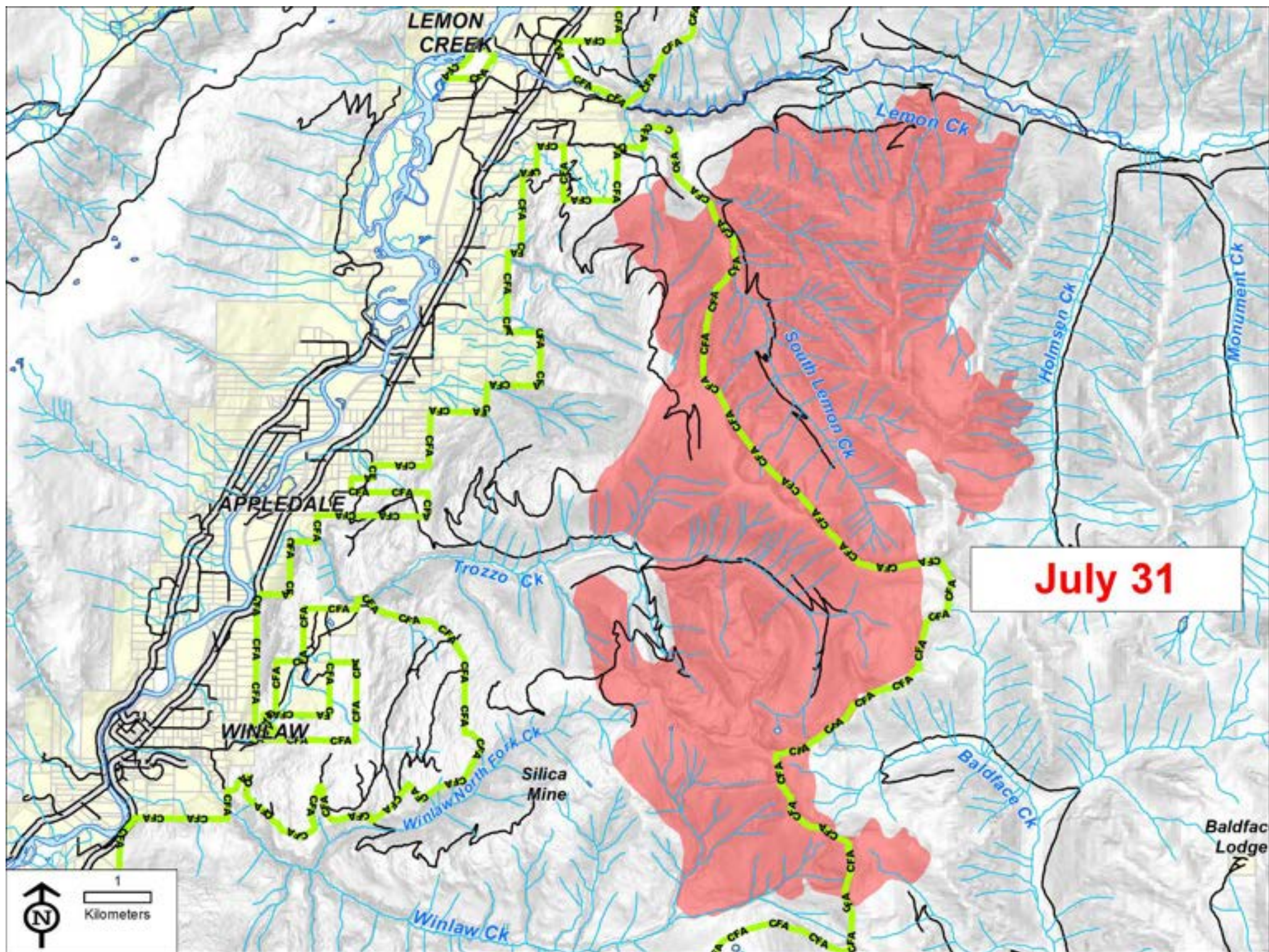


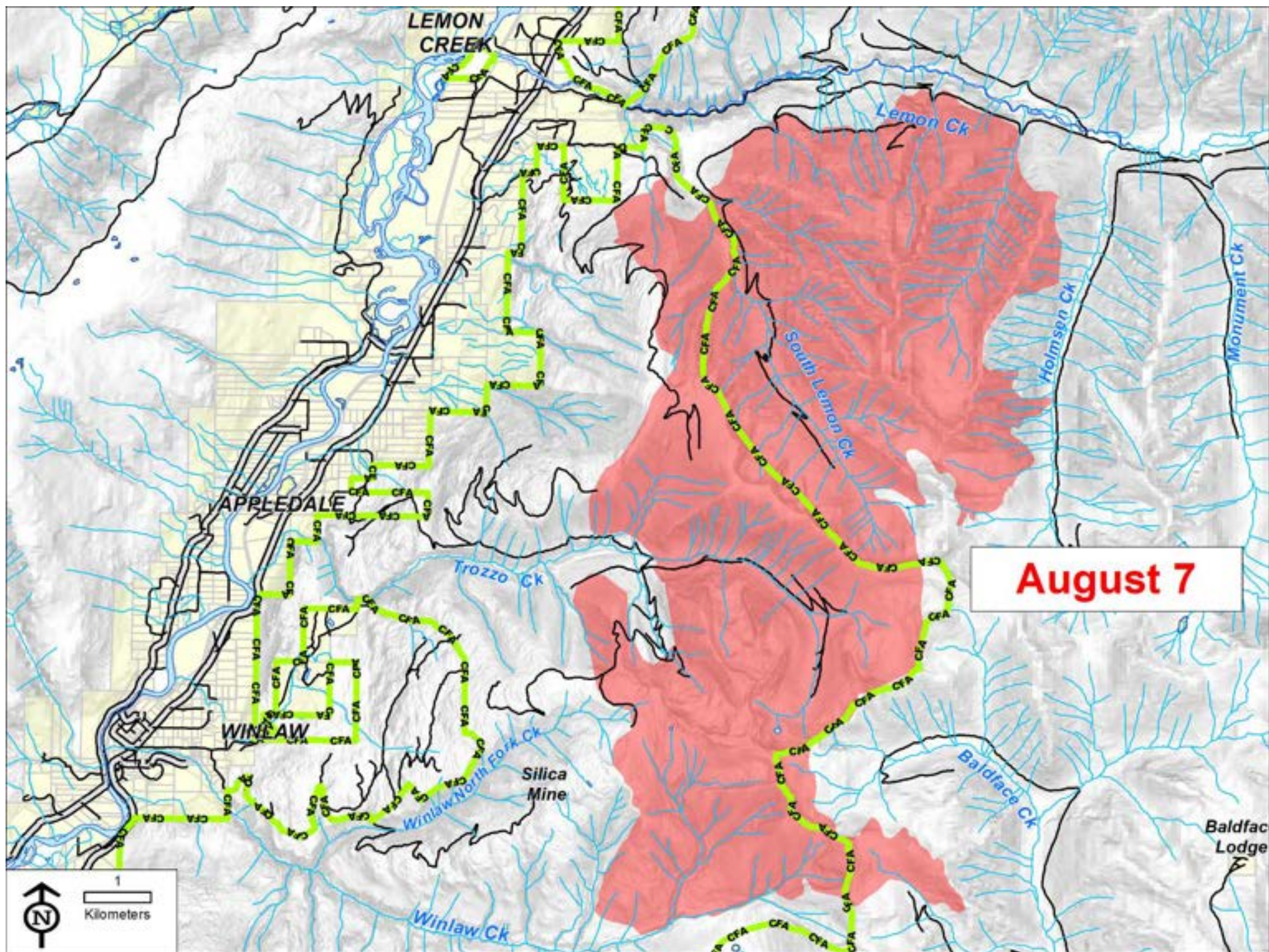
An aerial photograph of a mountainous landscape. The terrain is rugged, with steep slopes and deep valleys. The vegetation is a mix of dark green and brownish-yellow, suggesting a forested area. A blue pole or structure is visible in the foreground, extending diagonally across the frame. The text "FLYKLA.C" is printed in black on the pole.

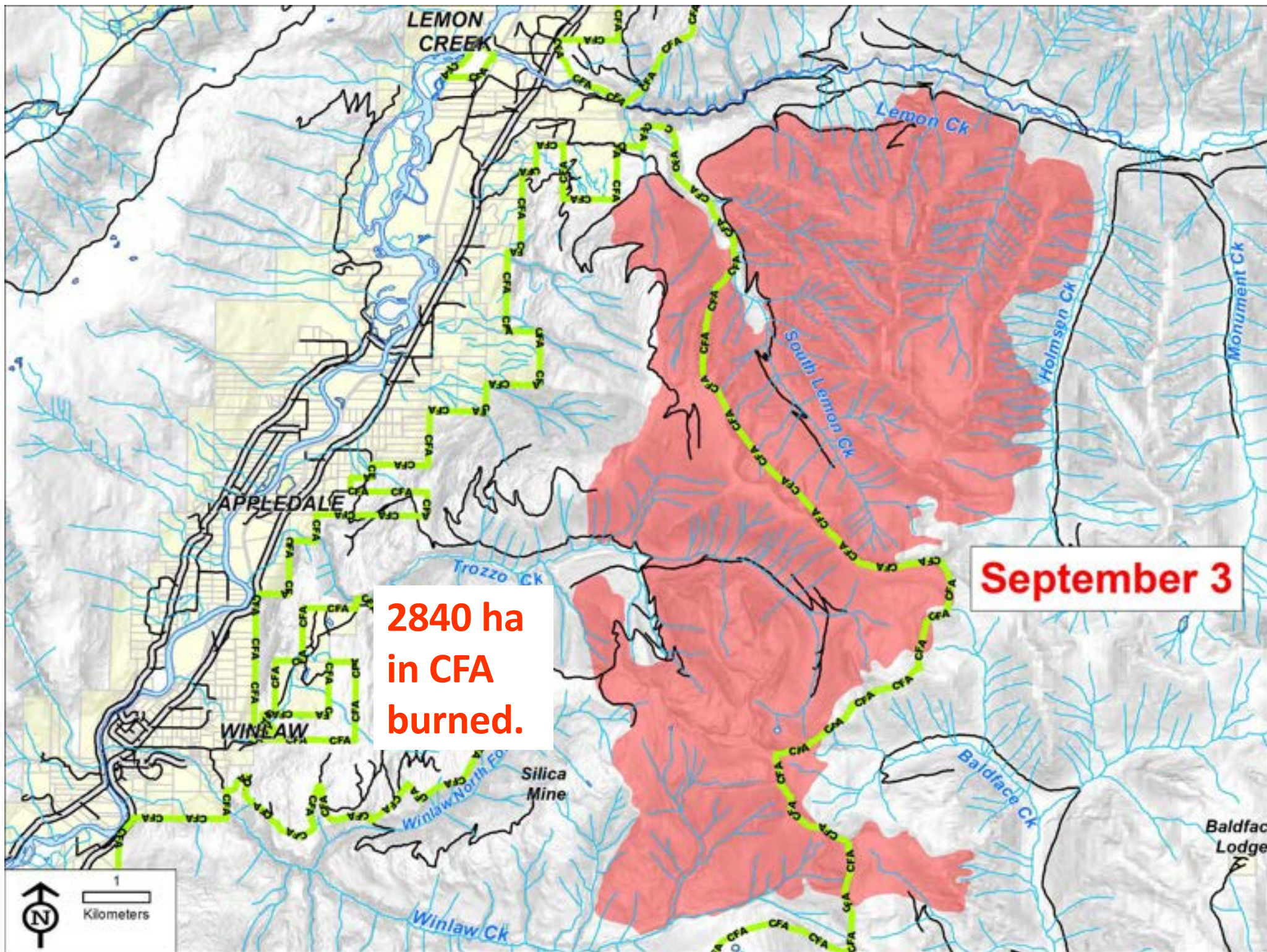
FLYKLA.C

FACE OF SOUTH LEMON DRAINAGE









A lot of high elevation fire inside CFA

– open forests, beetle kill



A lot of high elevation fire inside CFA

– non-forested ridge crests



**Trozzo Creek – large domestic use watershed in CFA -
Lots of forest impacts.**

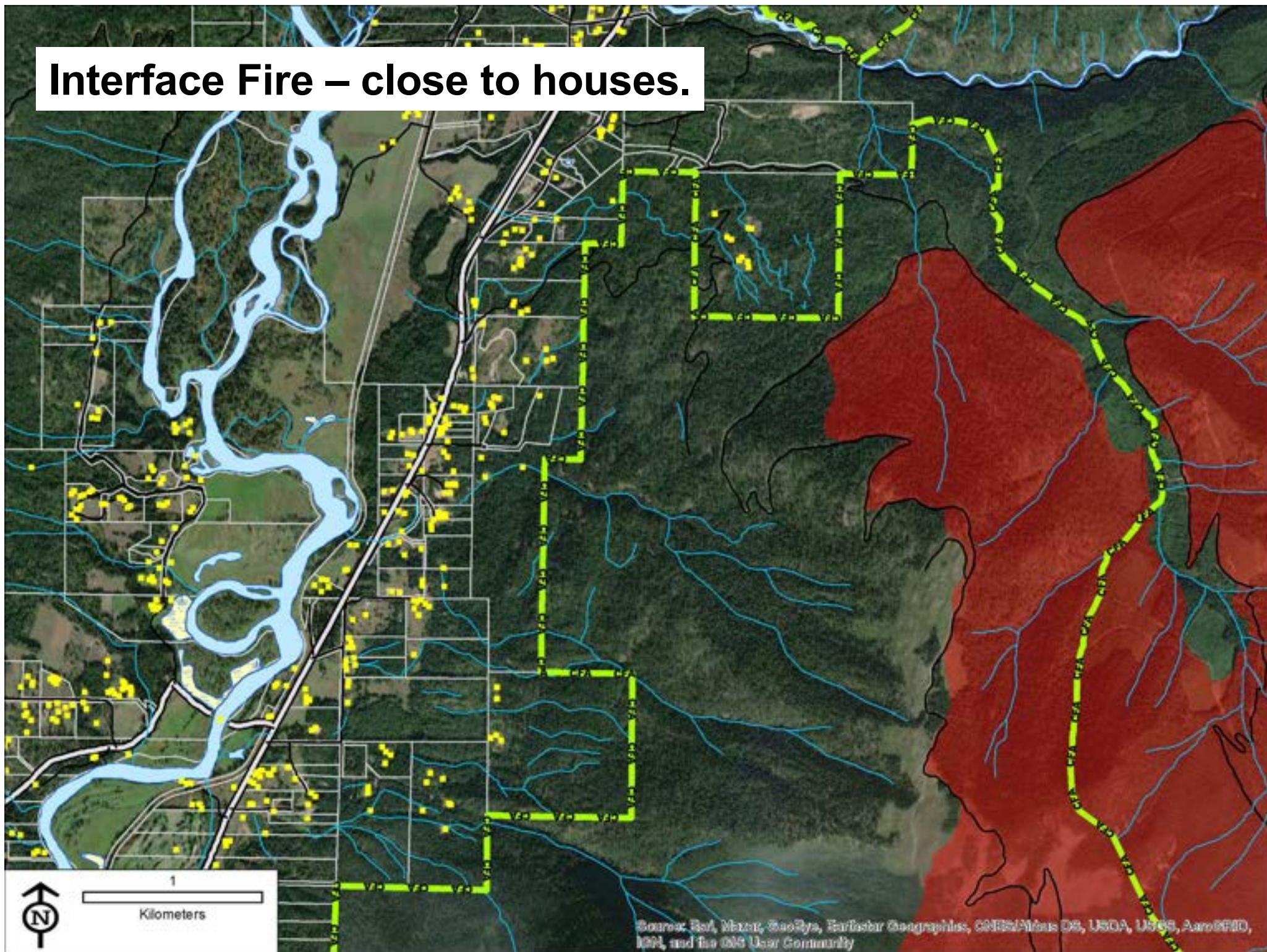


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**Black water. Brown water. Everyone wonders what
freshet will be like. ECA?**

Interface Fire – close to houses.



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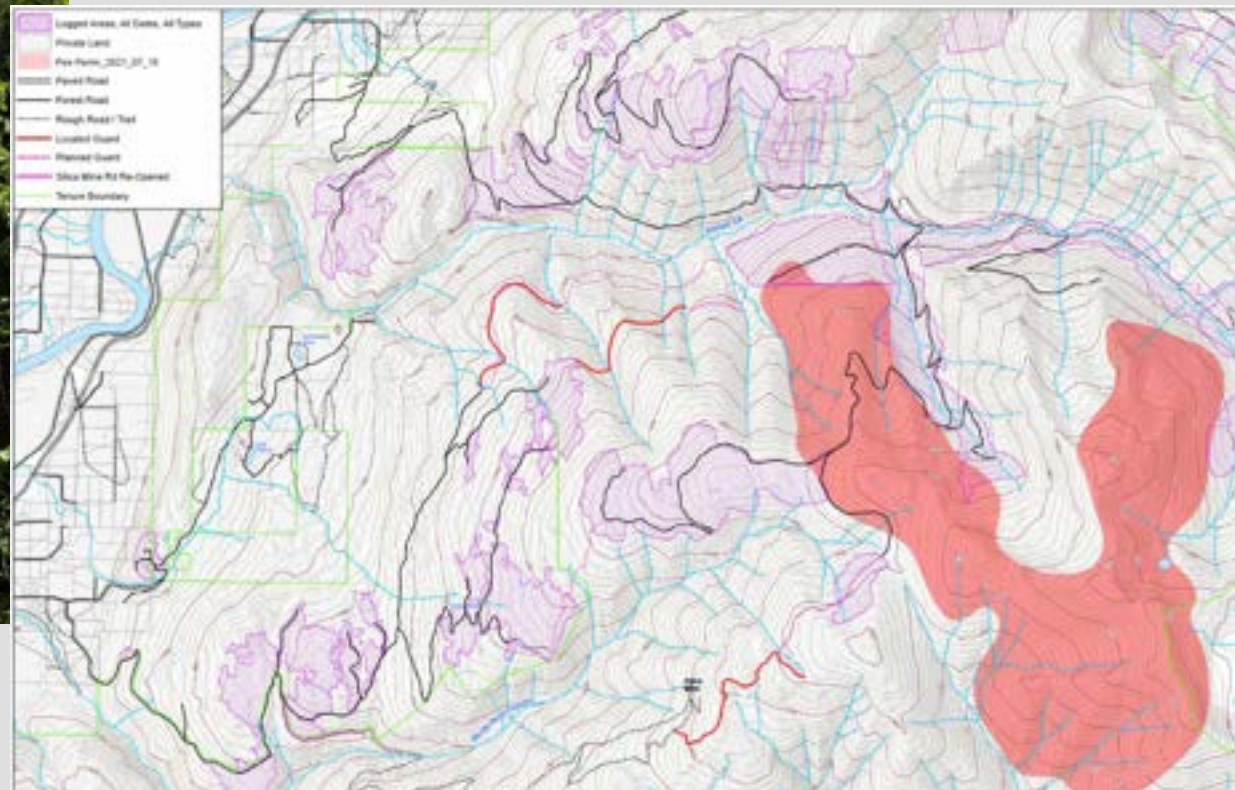
Stephan Martineau – Manager

- Interface with BCWS**
- Strategic planning with IC.**
- (Also one of the evacuees.)**

We (3 person staff) worked on the fire...

Tom Bradley – Forestry Supervisor

- Spent time as machine crew supervisor.**
- Mapping for IC at start of incident (night shift).**
- Planning and mapping support for fire guard location.**
- 12 to 14 hour days**



We (3 person staff) worked on the fire...

Jesper Nielsen – Layout and Planning Forester

- Fire Guard planning and field location.**
- (12 to 14 hour days, ridiculous heat, dry slopes, endless horizontal pine, things on fire. Just a party.)**



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Jesper and Tom

- Fire Guard planning and field location.**

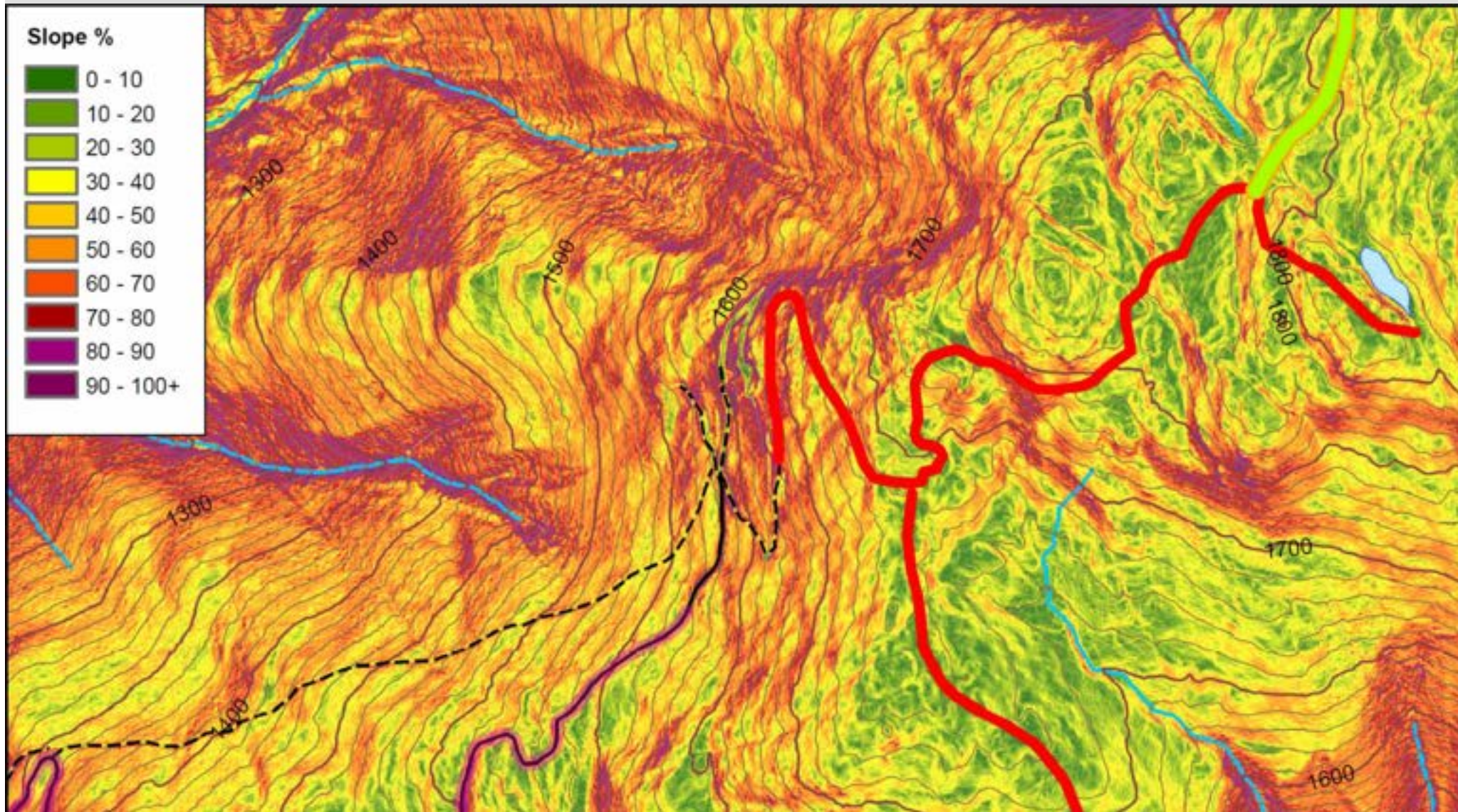
Meaning?

Tom and Jesper sat in front of the screen many mornings with LiDAR data, Google Earth, 40 years of experience on landbase.

- Whereabouts does BCWS want a guard?**
- Where can we possibly make one?**
- Jesper goes forth with LiDAR slope map in his iPad and Today's Plan, locates guard.**
- Next Day: Repeat.**

Special thanks to Kalesnikoff Lumber and BCTS for sharing their LiDAR data for areas outside CFA with us.

Typical Morning Plan



It Mattered



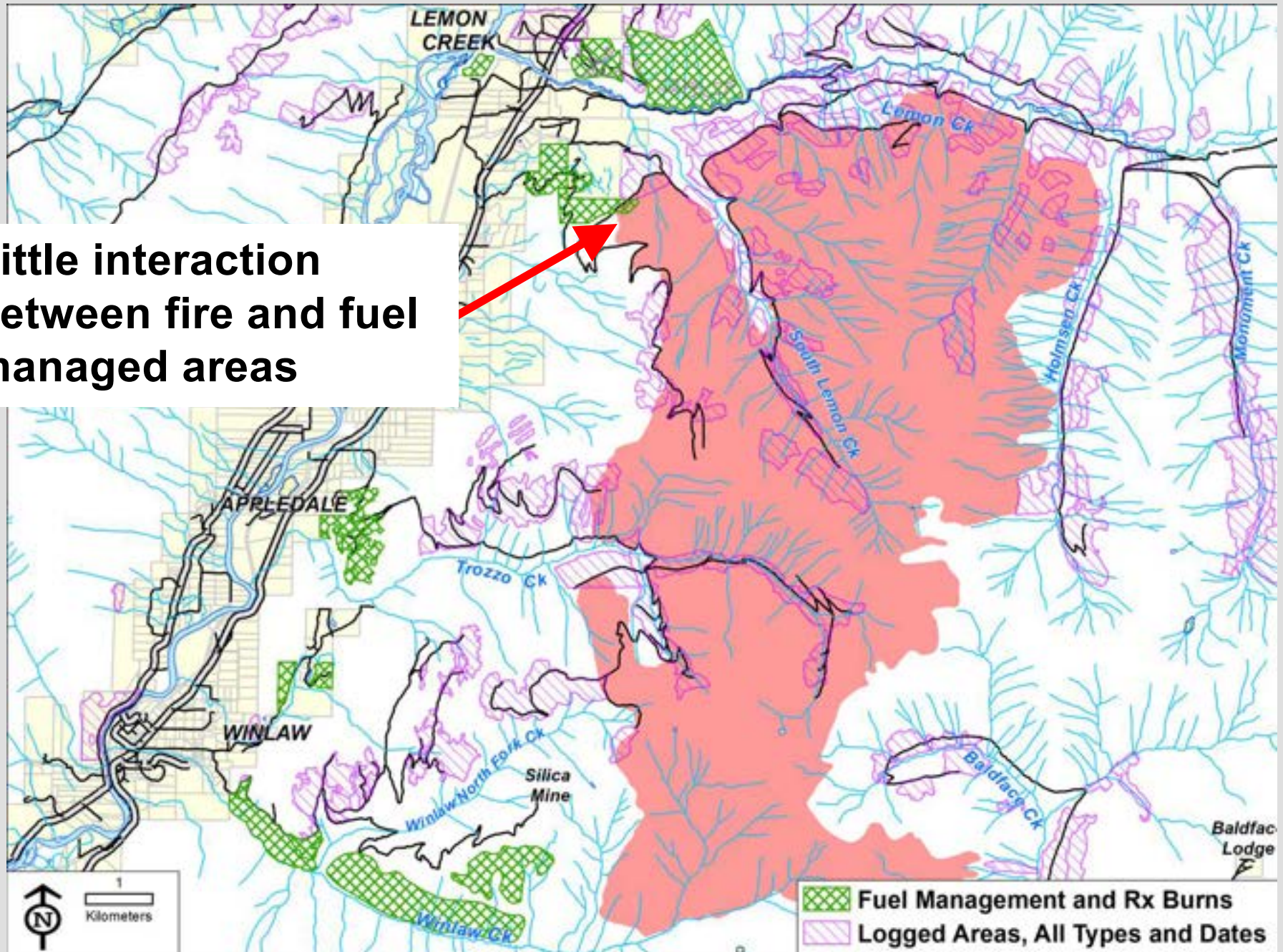
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- 5) Fire was subdued by expertise, air power, hard work and rain by Aug 10. Next day: Guard Salvage! Normal forestry work postponed again. For 6 weeks.**



Fire vs Fuel Management?

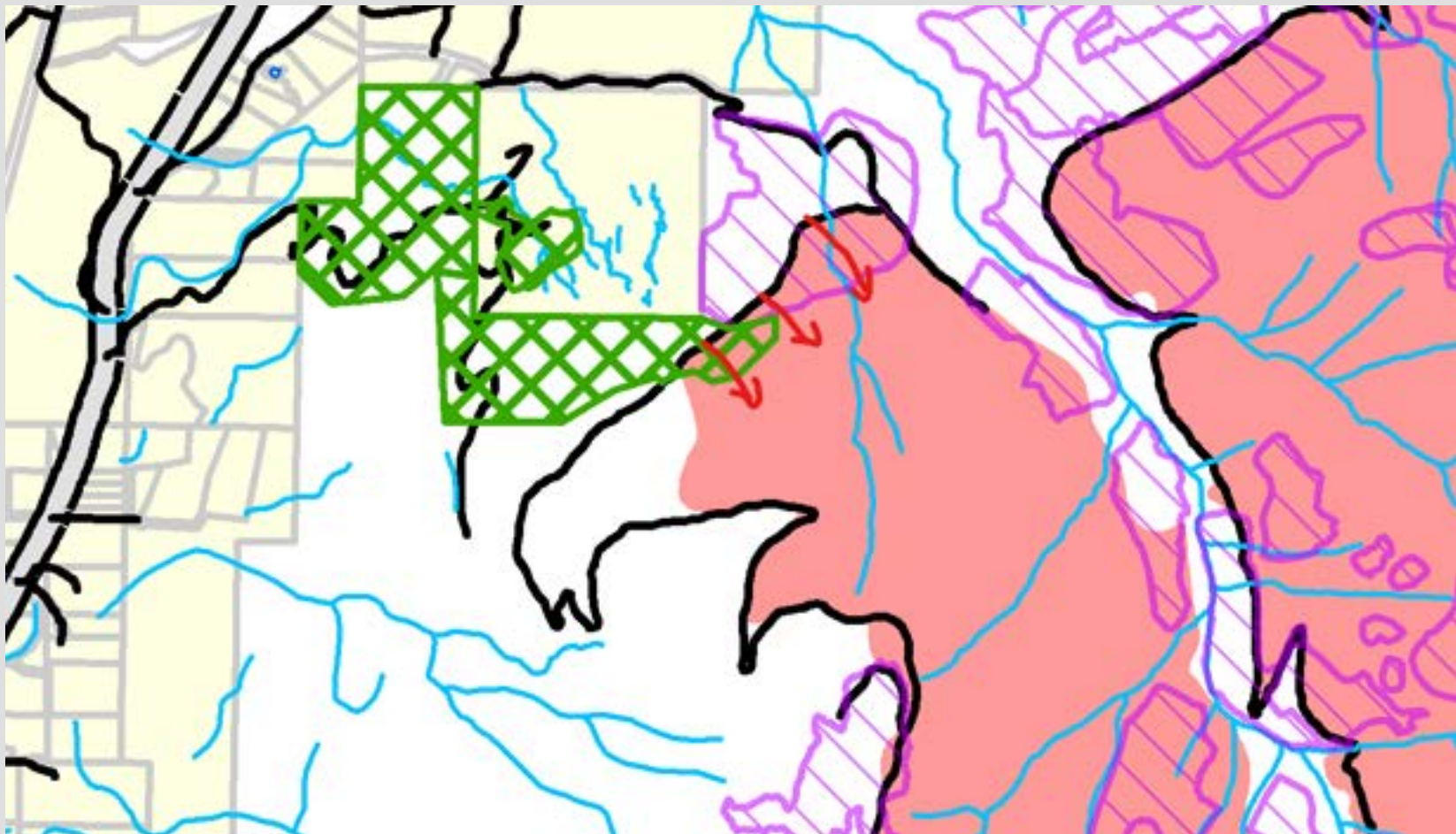
Little interaction
between fire and fuel
managed areas



Fire vs Fuel Management?

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Flank guards of effective suppression areas if needed.



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Comments from BCWS on site:

- 1) Fuel managed area provided anchor for a key backburn to save houses/values.
- 2) Presence of Rx burn polys was useful strategically: Flank guards of effective suppression areas if needed.

Happy that the operational testing of our fuel managed areas was limited given the fire conditions at the time!

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- 3) **SIFCo took role as community information provider. Were not creating info, were publishing web guide to access info. Positive feedback from community.**

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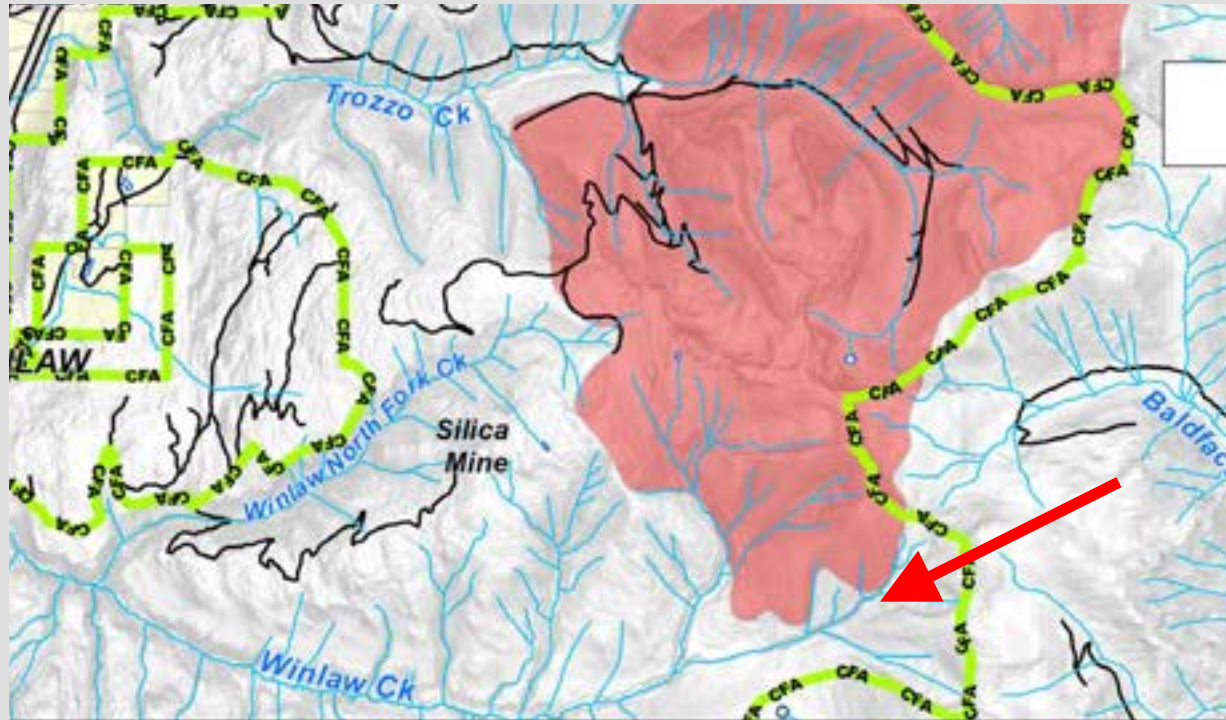
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- 3) Suppression success when there *had to be* suppression success.
- 4) Fire sat in bottom of Winlaw Ck for weeks. And did *nothing*.



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- 4) Access:
 - Fire area had a lot of very old, blocked access. Time required to re-open old access was not a help.

Thank You to:



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