

WIRELESS NETWORK CONSULTING



Verizon NAPLES Site

Coverage Site

File No.: CUP0022-23; ID0003867 Naples

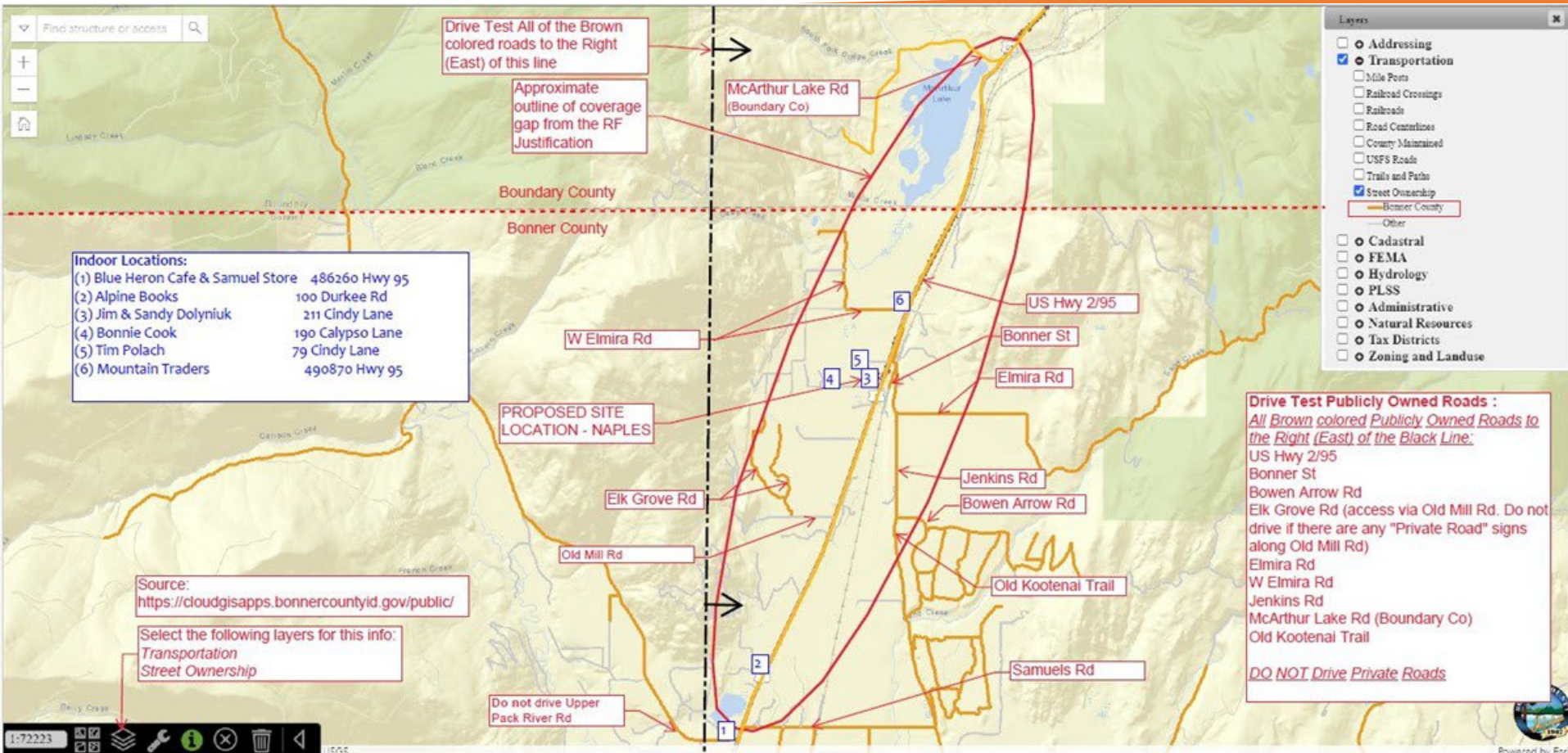
SCANNER DRIVE TEST REPORT

07/03/2024

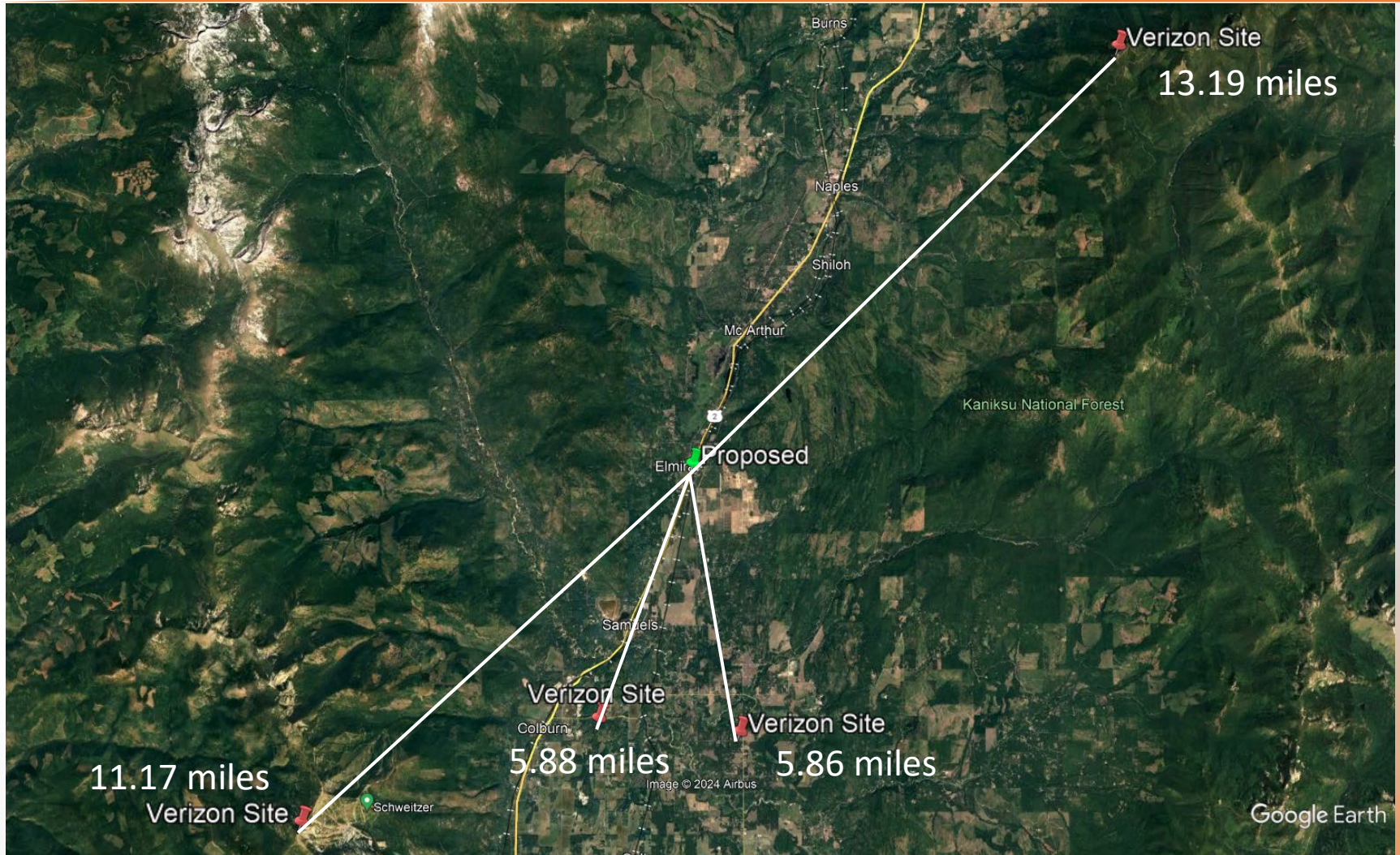
Drive Test

- † A PCTEL G-Flex Scanner with a roof mount antenna was utilized to scan the channels for Verizon.
- † A blind scan was completed at an adjacent Verizon site to verify the active channels in the area.
- † The main reason for the drive test was to confirm Verizon's current signal strength in the area surrounding the proposed site ID0003867 Naples.
- † The drive test was completed June 18, 2024.
- † The drive test proved that Verizon's existing RF signal strength in the area does not provide acceptable quality of service and there is a significant gap in Verizon's coverage.





Drive Test Route Overview

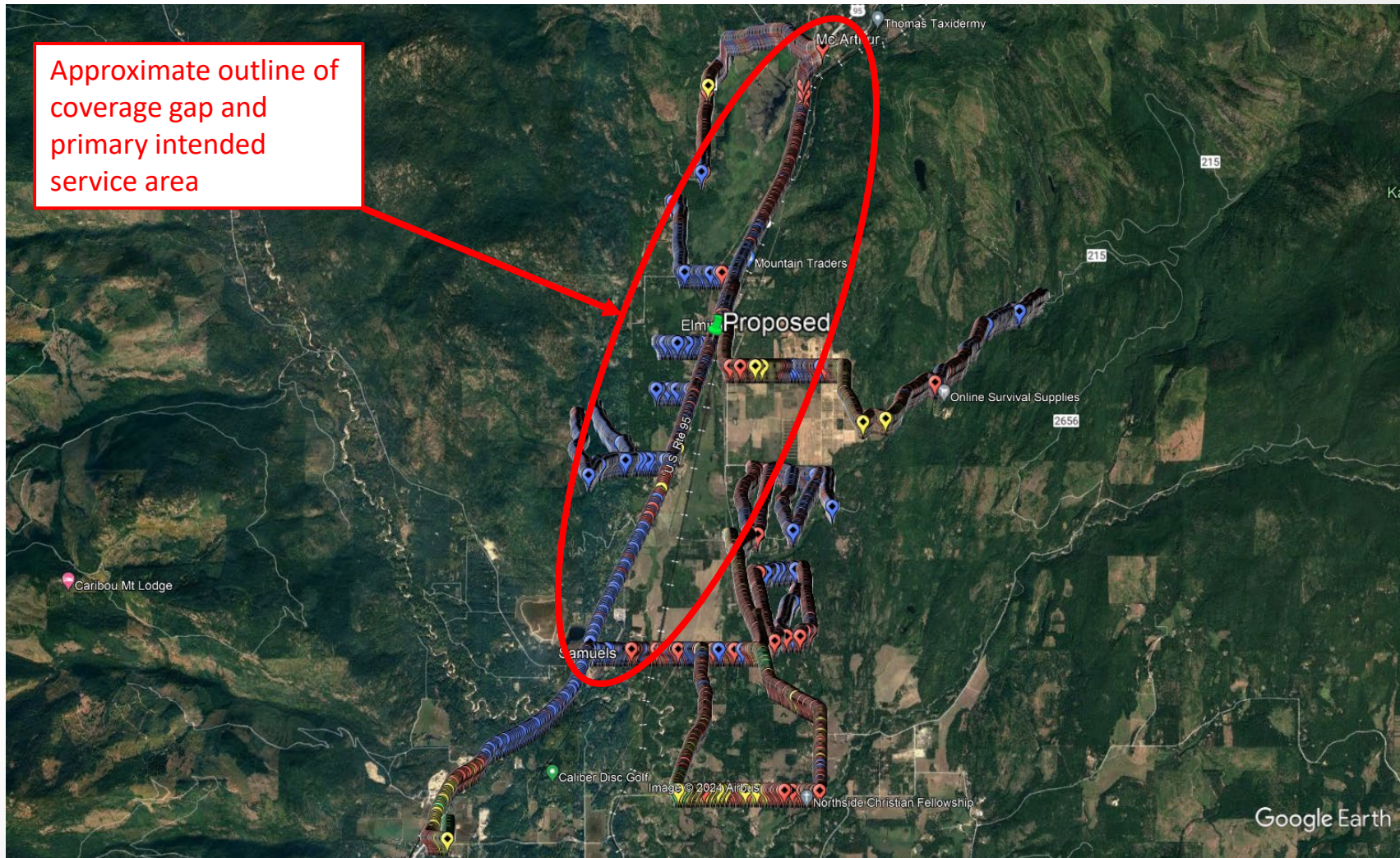


Distance from proposed to Verizon neighbor sites







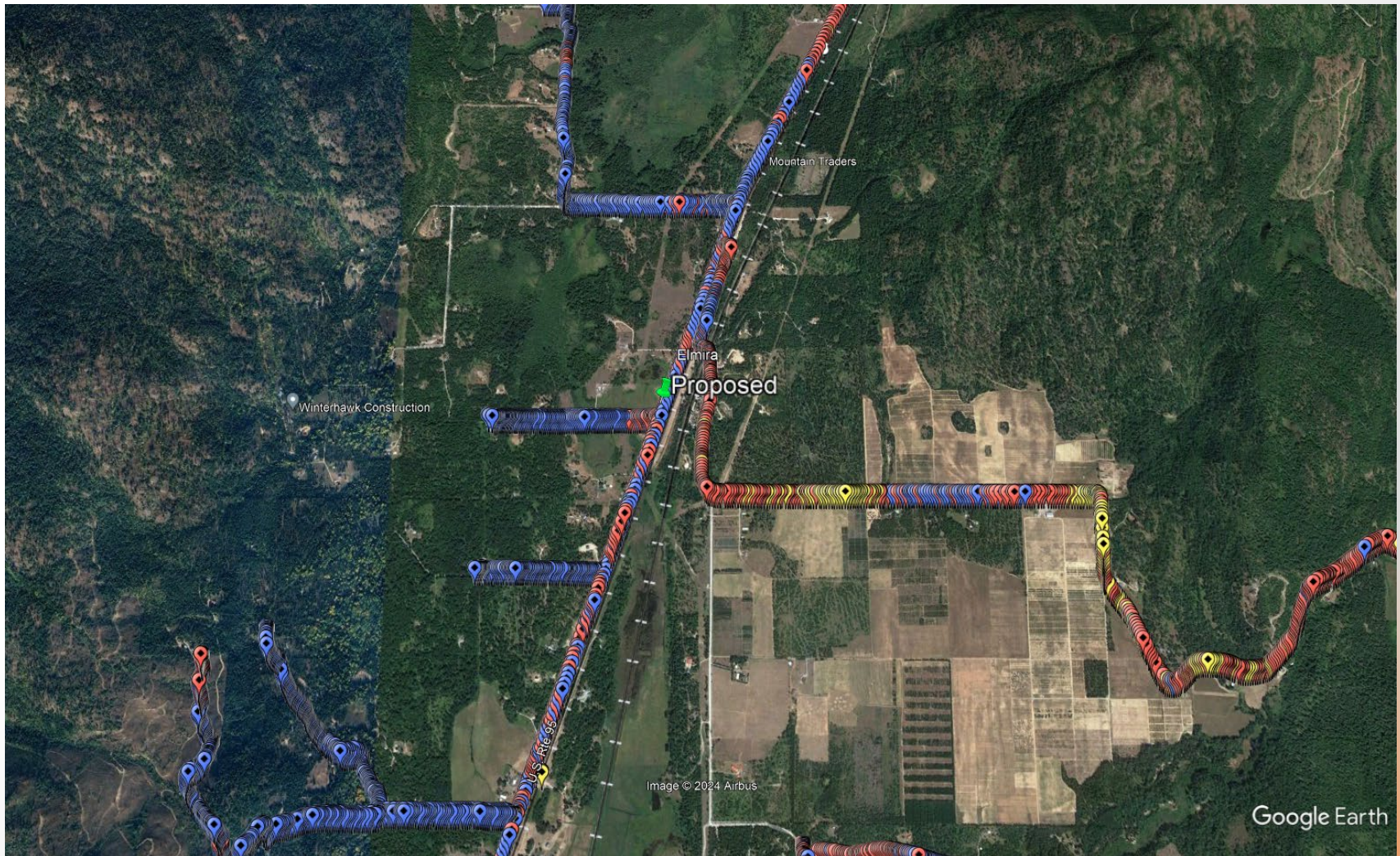
Verizon Low Band Scanner Data - Overview

LEGEND	
	In-Building (-85 dbm)
	In-Vehicle (-95 dbm)
	Outdoor (-106 dbm)
	Marginal to No Service (<-106 dbm)







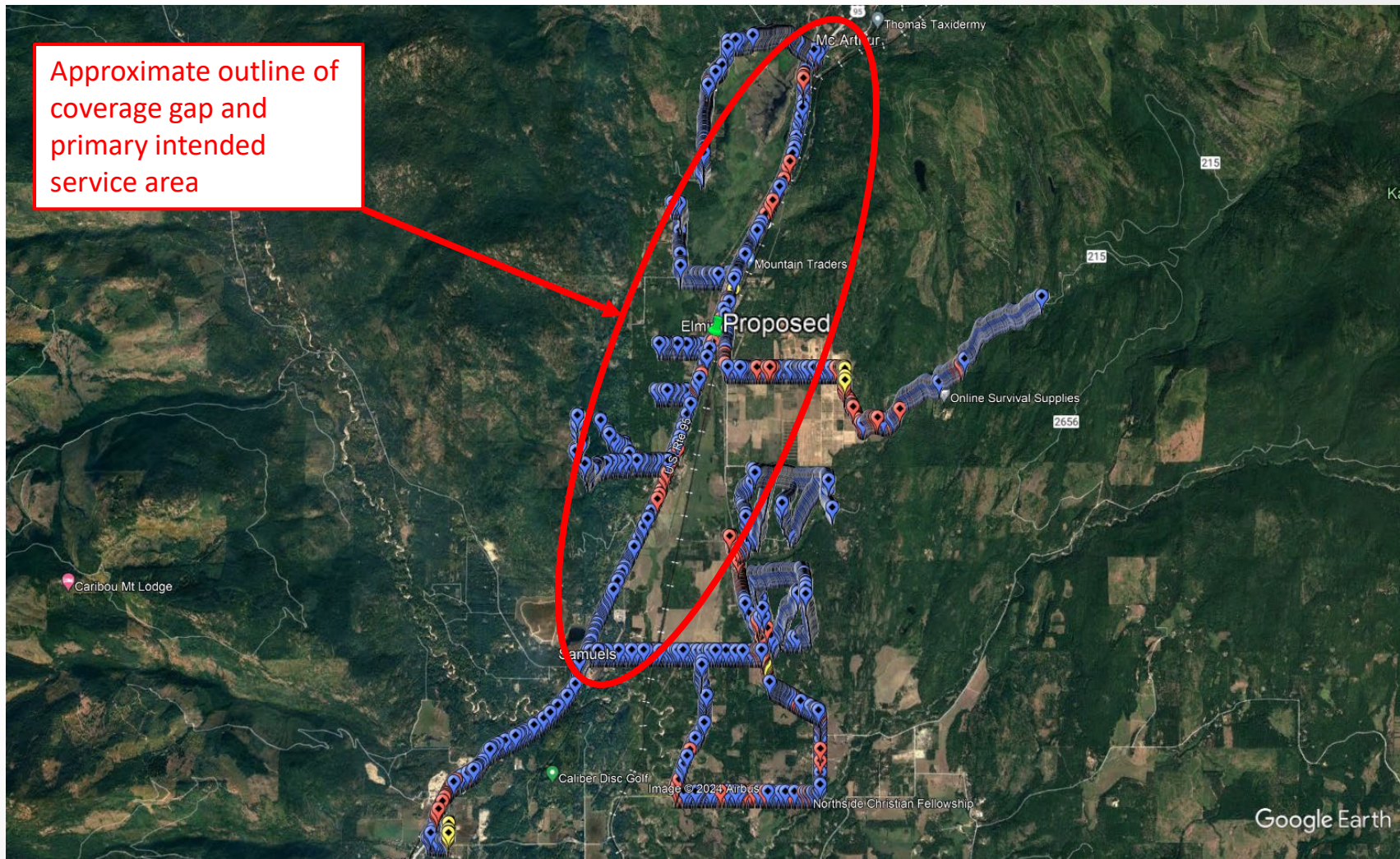
Verizon Low Band Scanner Data - Zoom

LEGEND	
	In-Building (-85 dbm)
	In-Vehicle (-95 dbm)
	Outdoor (-106 dbm)
	Marginal to No Service (<-106 dbm)







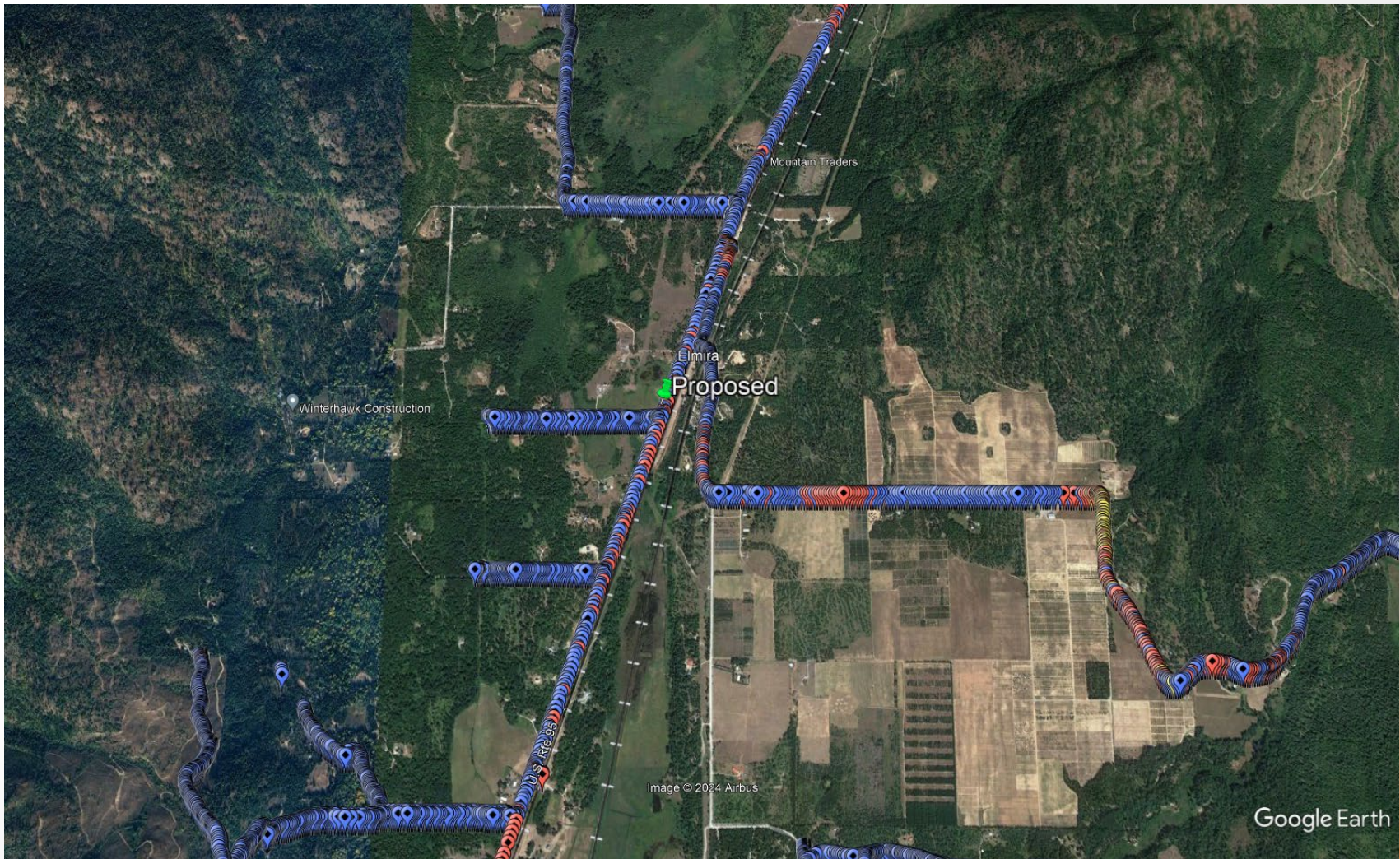
Verizon Mid Band Scanner Data - Overview

LEGEND	
	In-Building (-85 dbm)
	In-Vehicle (-95 dbm)
	Outdoor (-106 dbm)
	Marginal to No Service (<-106 dbm)






Verizon Mid Band Scanner Data - Zoom

LEGEND	
	In-Building (-85 dbm)
	In-Vehicle (-95 dbm)
	Outdoor (-106 dbm)
	Marginal to No Service (<-106 dbm)



Indoor/Acceptable Coverage

	Acceptable in-building service?	Acceptable in-vehicle service?	Acceptable outdoor service?
At this signal strength:			
-85 dbm	YES (VZW Goal)	YES	YES
-95 dbm	NO	YES	YES
-106 dbm	NO	NO	YES
<-106 dbm	NO	NO	NO

			low band	mid band
Location	Identification	Address	RSRP	RSRP dbm
1	Blue Heron Café & Samuel Store	486260 Hwy 95	-127dbm	-139dbm
2	Alpine Books	100 Durkee Road	-120dbm	-134dbm
3	Jim & Sandy Dolyniuk (Landlord)	211 Cindy Lane	-132dbm	no signal
4	Bonnie Cook (Neighbor)	1900 Calypso Lane	-119dbm	-129dbm
5	Tim Polach (Neighbor)	79 Cindy Lane	-135dbm	no signal
6	Mountain Traders	490870 Hwy 95	-117dbm	-124dbm

- † Performed indoor testing in the locations above
- † Legend on left shows signal strength and quality of coverage
- † All indoor locations have unacceptable service
- † Indoor measurements completed with a WilsonPro Stationary Scanner

Conclusion

- † The Scanner recorded all frequency bands for Verizon in the area.
- † Area shows a significant gap in service of over 7 miles along Highway 95 as well as surrounding area
- † Both Low band and Mid band do not provide acceptable quality coverage.