

Attachment D - 3
Site Justification Maps



LTE Justification Plots

Market Name: Los Angeles

Site ID: CSL04615

Site Address: 1574 Old Mammoth Road, Mammoth Lake CA 93546



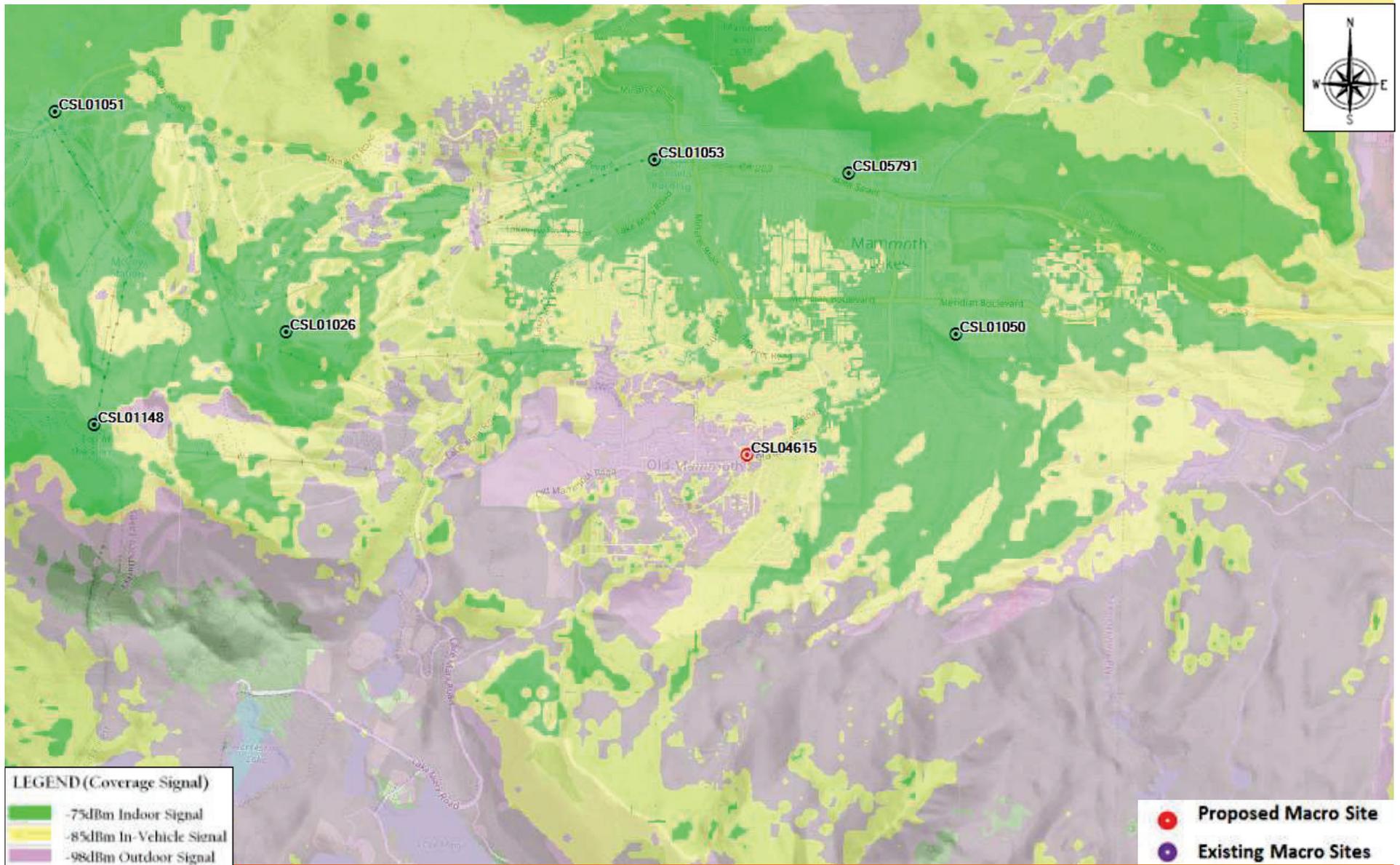
Assumptions

- ❖ Propagation of the site plots are based on our current Atoll (Design tool) project tool that shows the preferred design of the AT&T 4G-LTE network coverage.
- ❖ The propagation referenced in this package is based on proposed LTE coverage of AT&T users in the surrounding buildings, in vehicles and at street level . For your reference, the scale shown ranges from good to poor coverage with gradual changes in coverage showing best coverage to marginal and finally poor signal levels.
- ❖ The plots shown are based on the following criteria:
 - **Existing:** Since LTE network modifications are not yet **On-Air**. The first slide is a snap shot of the area showing the existing site without LTE coverage in the AT&T network.
 - **The Planned LTE Coverage with the Referenced Site:** Assuming all the planned neighboring sites of the target site are approved by the jurisdiction and the referenced site is also approved and **On-Air**, the propagation is displayed with the planned legends provided.
 - **Without Target site:** Assuming all the planned neighboring sites are approved by the jurisdiction and **On-Air** and the referenced site is **Off-Air**, the propagation is displayed with the legends provided.

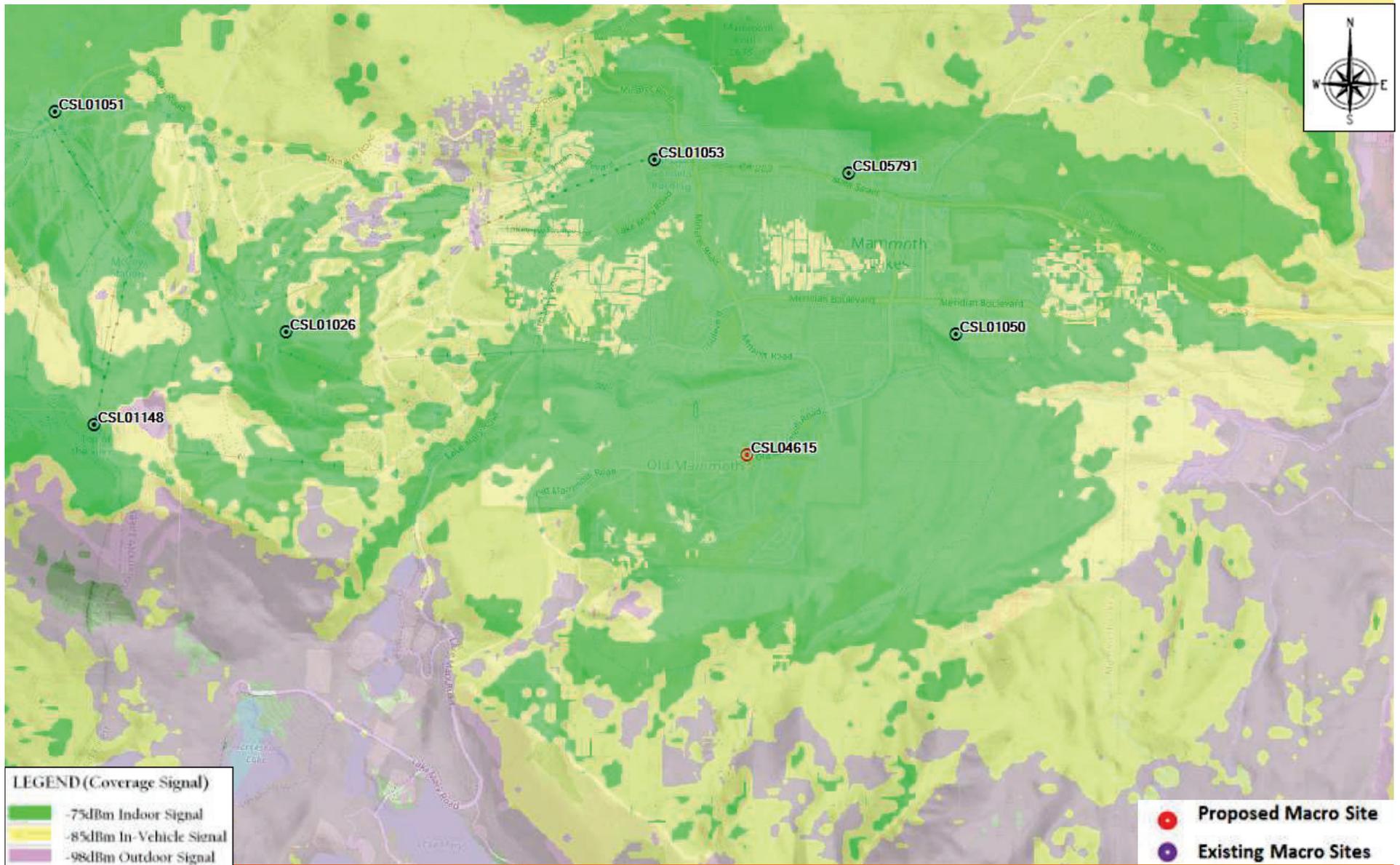




LTE Coverage Before site CSL04615



LTE Coverage After site CSL04615



Coverage Legend

Rethink Possible®



In-Building Service: In general, the areas shown in dark green should have the strongest signal strength and be sufficient for most in-building coverage. However, in-building coverage can and will be adversely affected by the thickness/construction type of walls, or your location in the building (i.e., in the basement, in the middle of the building with multiple walls, etc.)

In-Transit Service: The areas shown in the yellow should be sufficient for on-street or in-the-open coverage, most in-vehicle coverage and possibly some in-building coverage.

Outdoor Service: The areas shown in the purple should have sufficient signal strength for on-street or in-the-open coverage, but may not have it for in-vehicle coverage or in-building coverage.



Site Justification Coverage Maps

Market Name : Southern California Market

Site ID : CSL04615

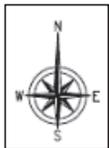
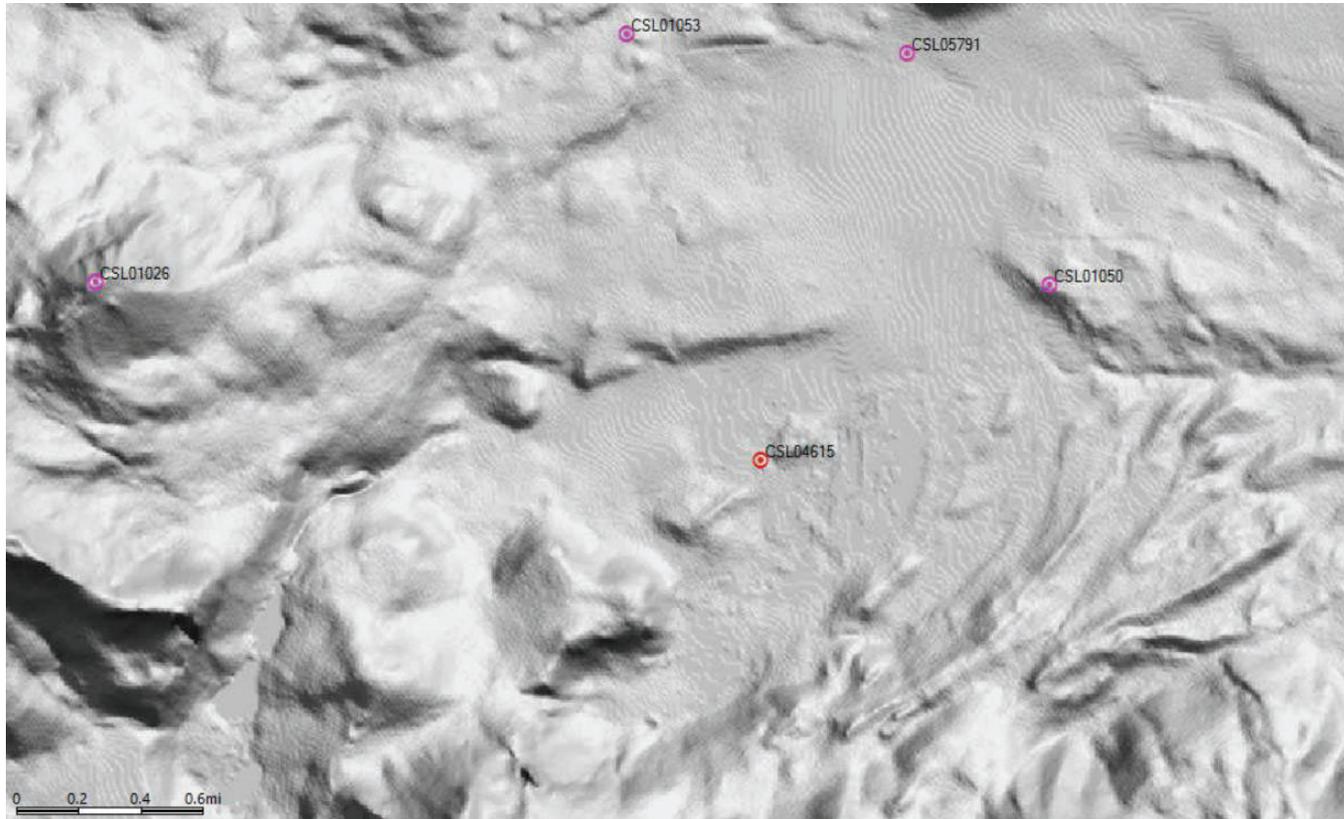
Site Address : 1574 Old Mammoth Road, Mammoth Lake CA 93546

ATOLL Completion Date: Oct 30, 2023

Assumptions

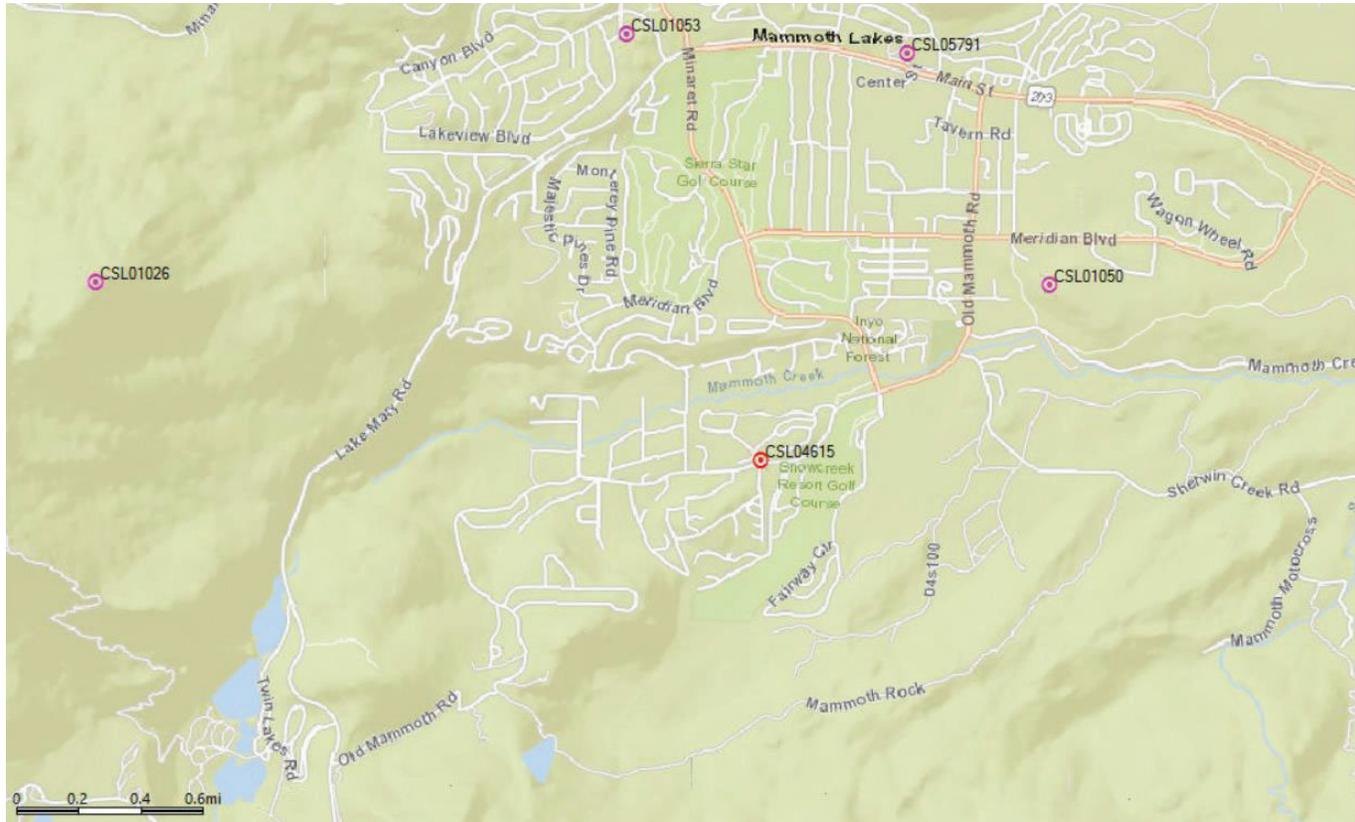
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CSL04165 (Terrain Map)



- Proposed Macro Site
- Existing Macro Sites

CSL04165 (Street Map)



- Proposed Macro Site
- Existing Macro Sites

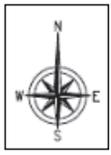
Existing Coverage Before Site CSL04165



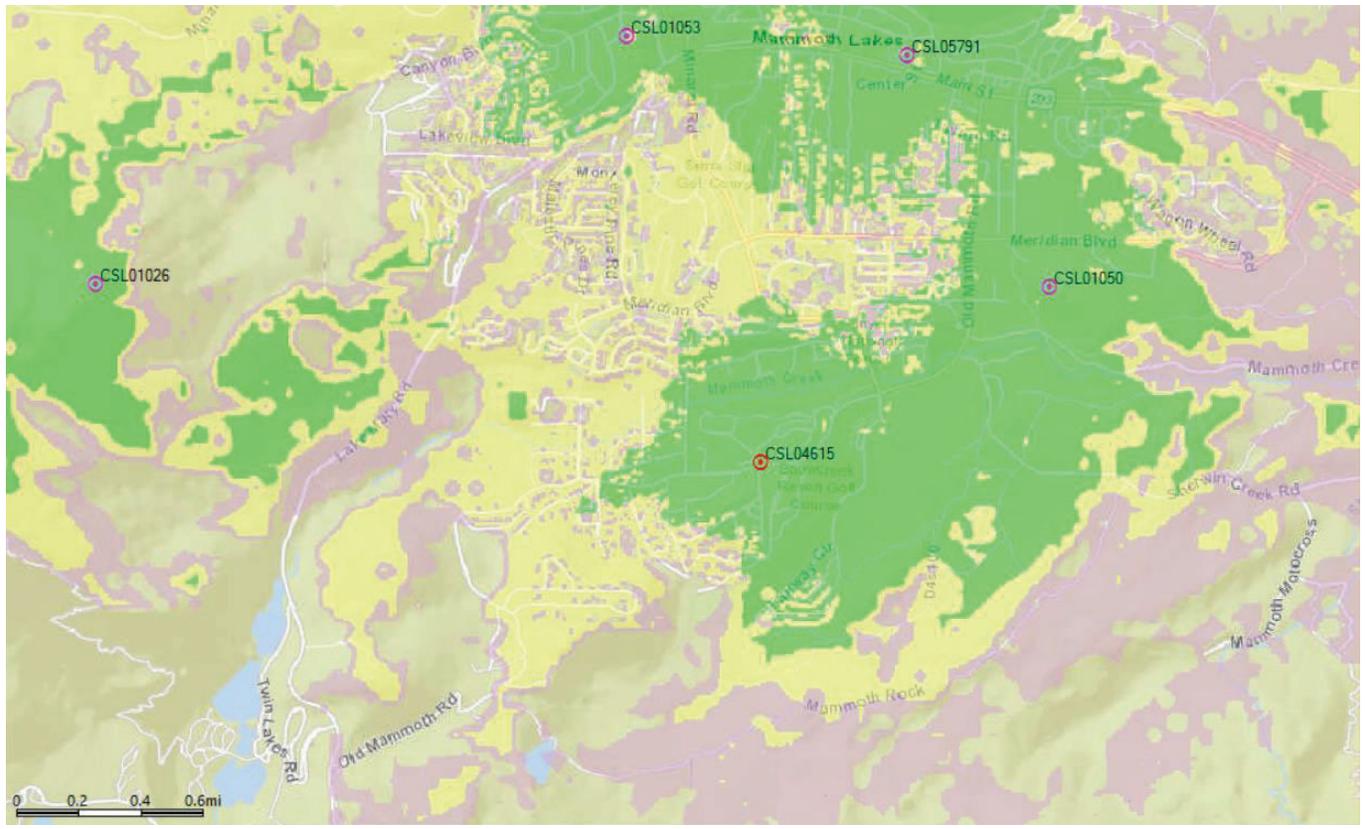
LEGEND (Coverage Signal)

- Indoor Signal
- In-Vehicle Signal
- Outdoor Signal

- Proposed Macro Site
- Existing Macro Sites

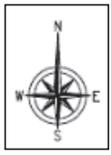


Existing Coverage After Site CSL04165 – Tower height top @ 80'



LEGEND (Coverage Signal)

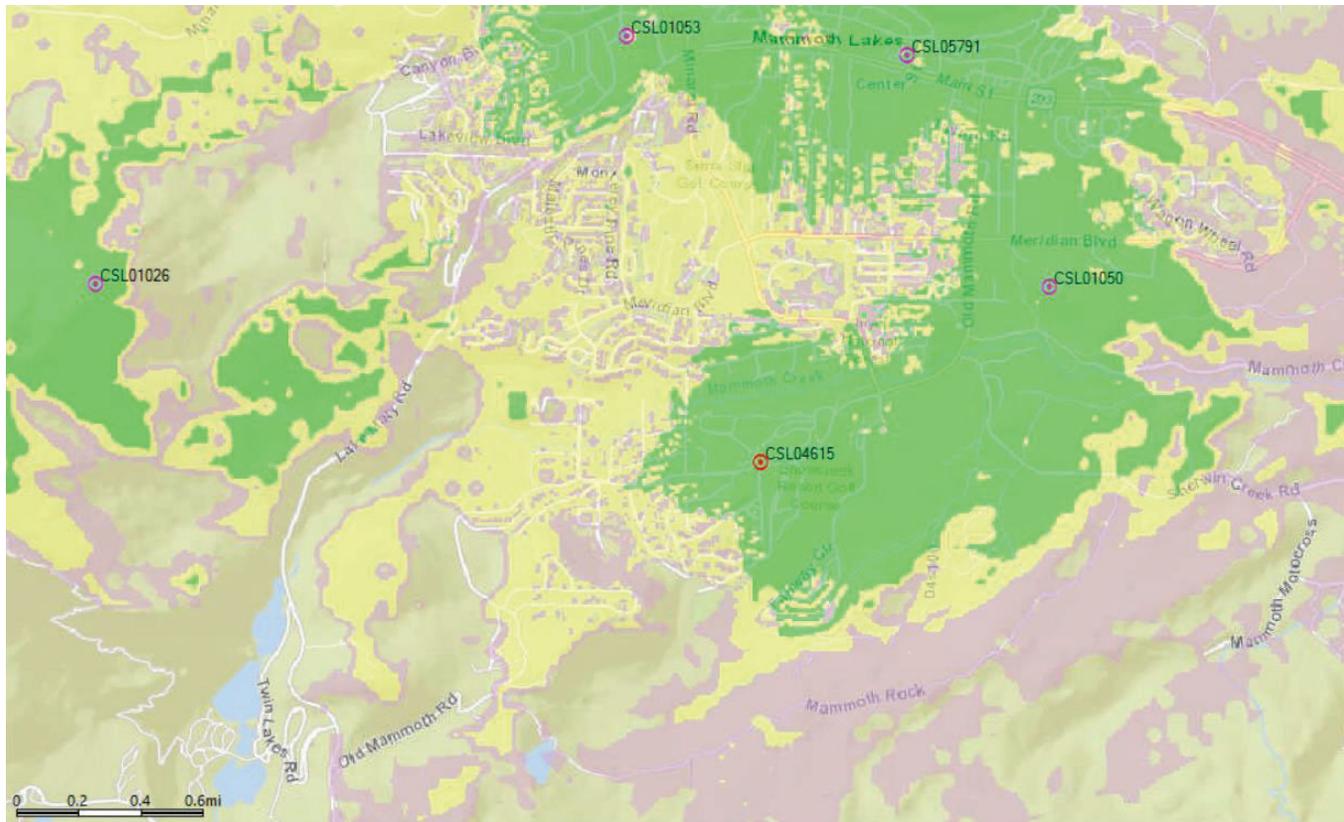
- Indoor Signal
- In-Vehicle Signal
- Outdoor Signal



- Proposed Macro Site
- Existing Macro Sites



Existing Coverage After Site CSL04165 Tower height top @ 65'



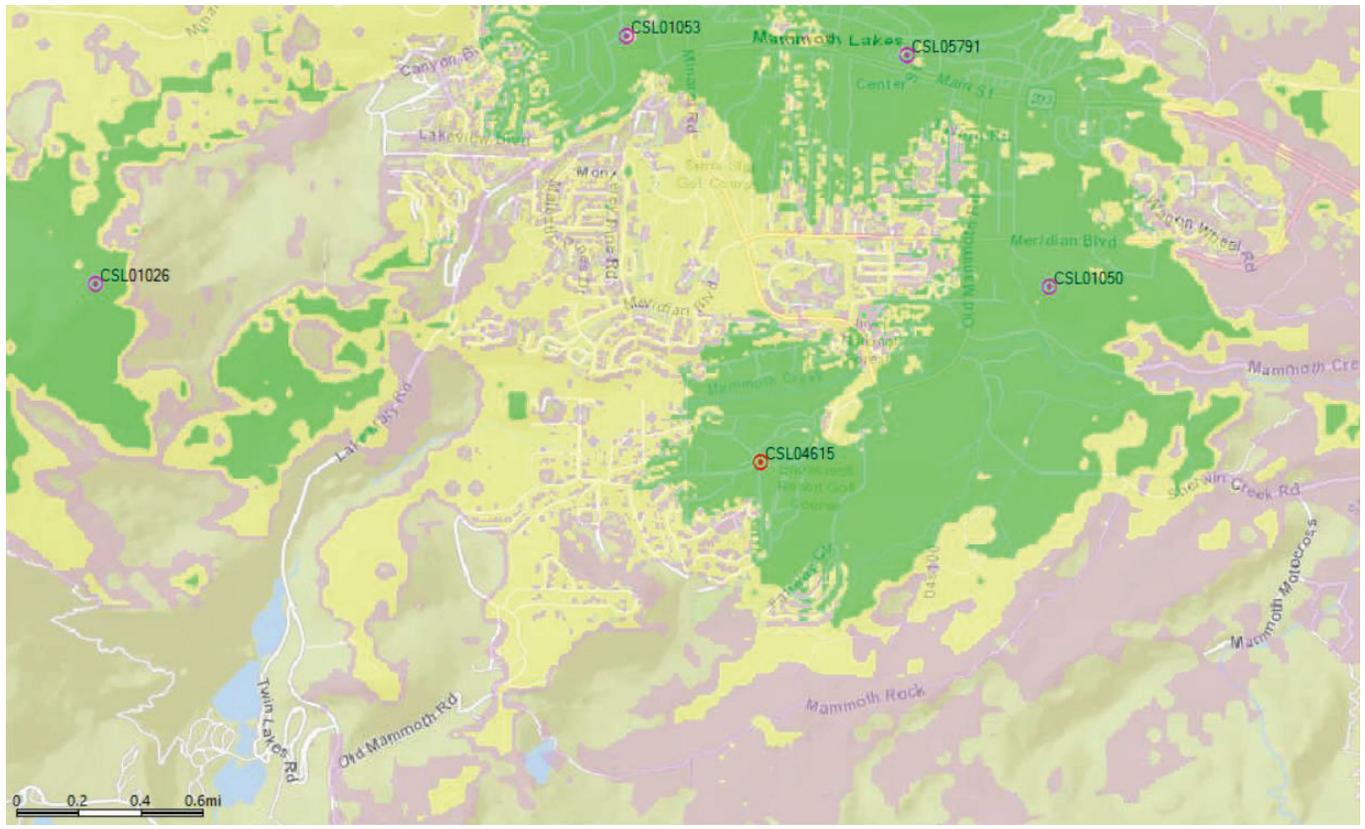
LEGEND (Coverage Signal)

- Indoor Signal
- In-Vehicle Signal
- Outdoor Signal

- Proposed Macro Site
- Existing Macro Sites

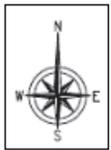


Existing Coverage After Site CSL04165 Tower height top @ 35'



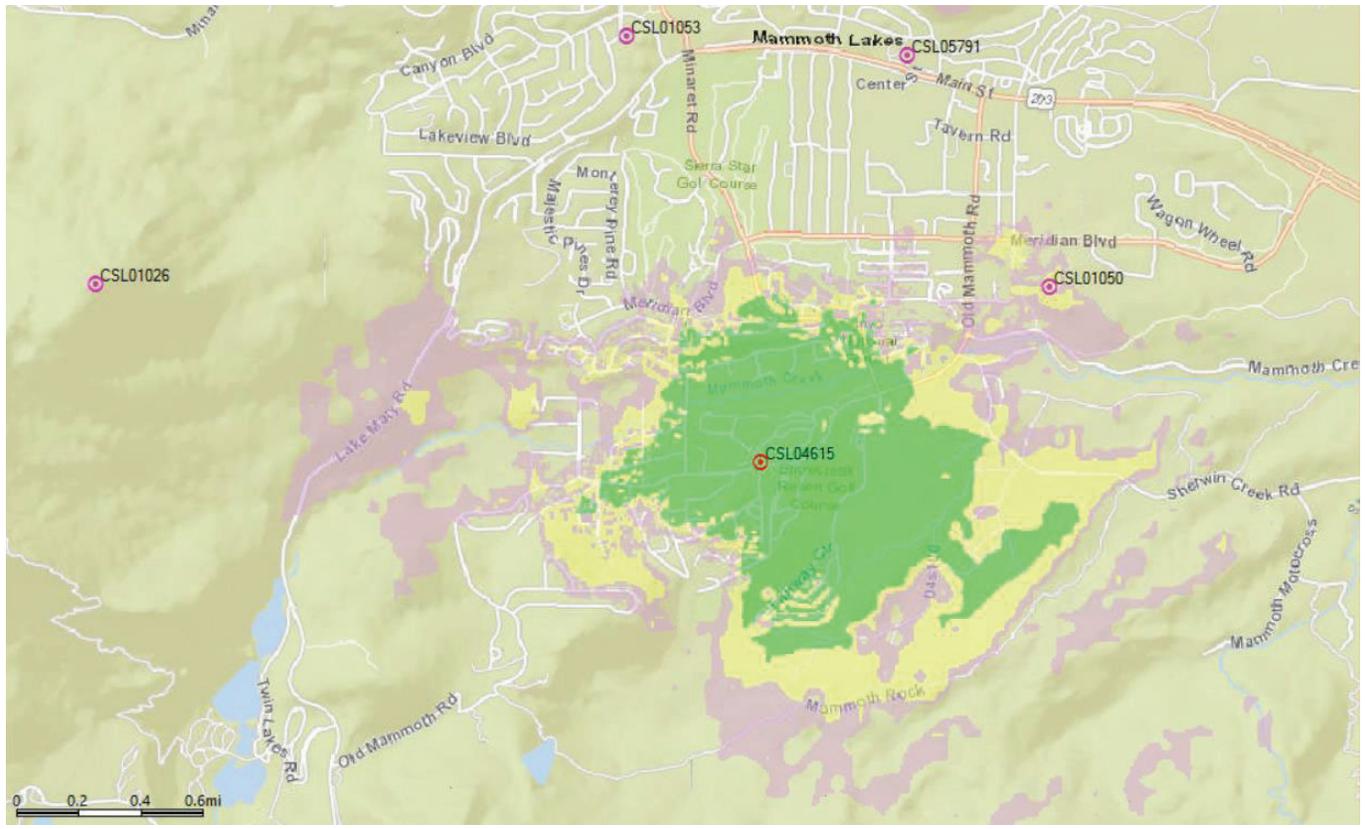
LEGEND (Coverage Signal)

- Indoor Signal
- In-Vehicle Signal
- Outdoor Signal



- Proposed Macro Site
- Existing Macro Sites

Standalone Coverage Of Site CSL04165 Tower height top @ 80'



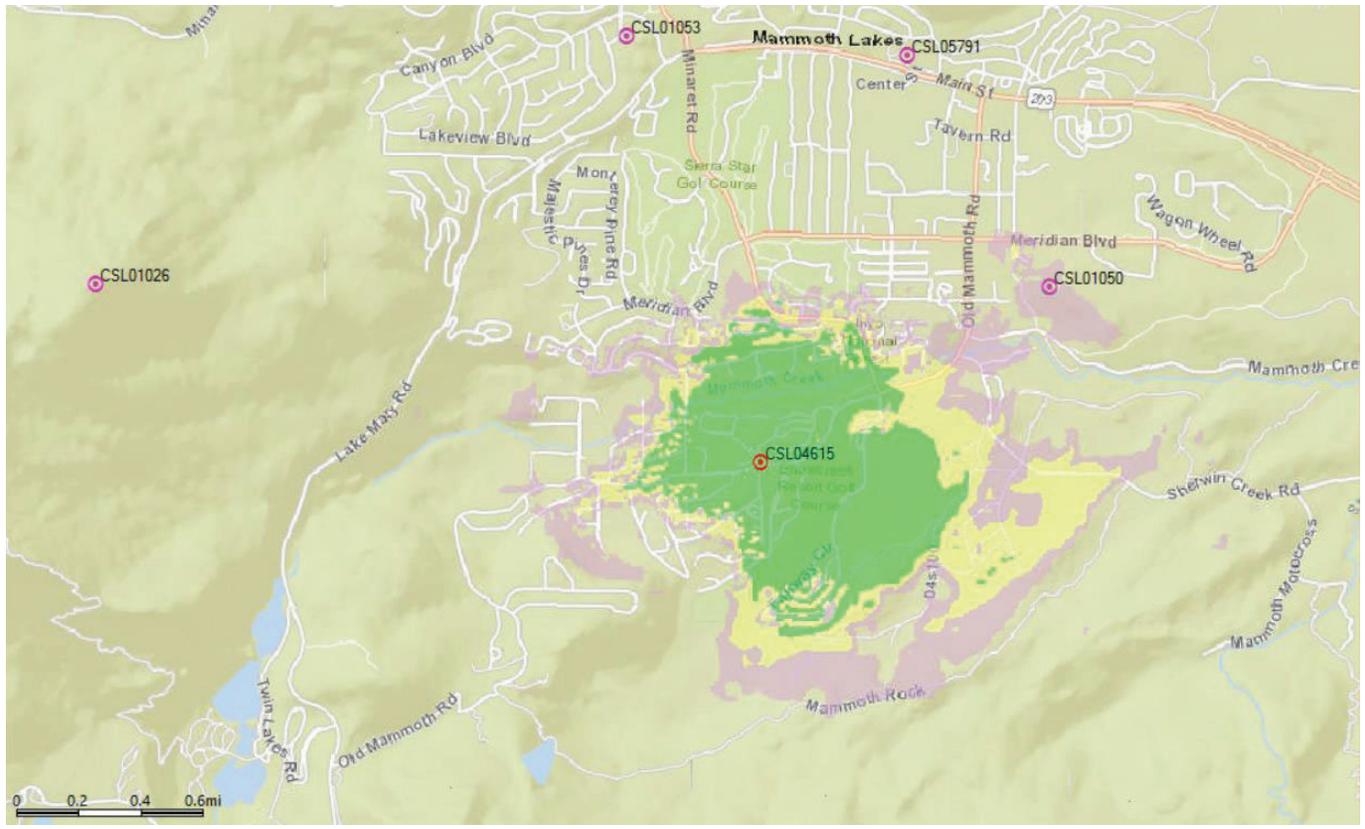
LEGEND (Coverage Signal)

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- In-Vehicle Signal
- Outdoor Signal



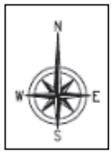
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Standalone Coverage Of Site CSL04165 Tower height top @ 65'



LEGEND (Coverage Signal)

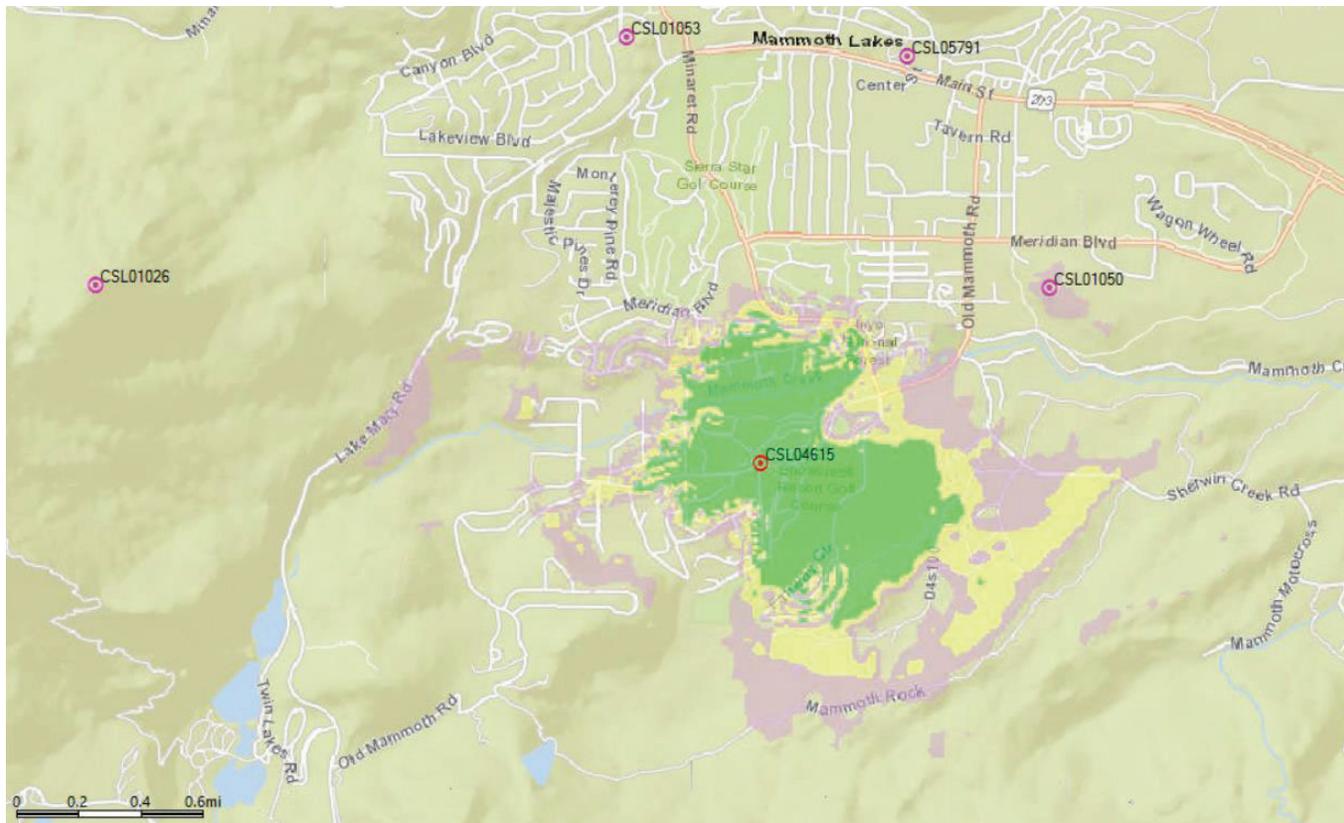
- Indoor Signal
- In-Vehicle Signal
- Outdoor Signal



- Proposed Macro Site
- Existing Macro Sites



Standalone Coverage Of Site CSL04165 Tower height top @ 35'



LEGEND (Coverage Signal)

- Indoor Signal
- In-Vehicle Signal
- Outdoor Signal

- Proposed Macro Site
- Existing Macro Sites



Coverage Legend

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AT&T

Site Justification Coverage Maps



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Site ID : CSL04615

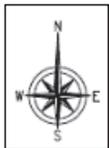
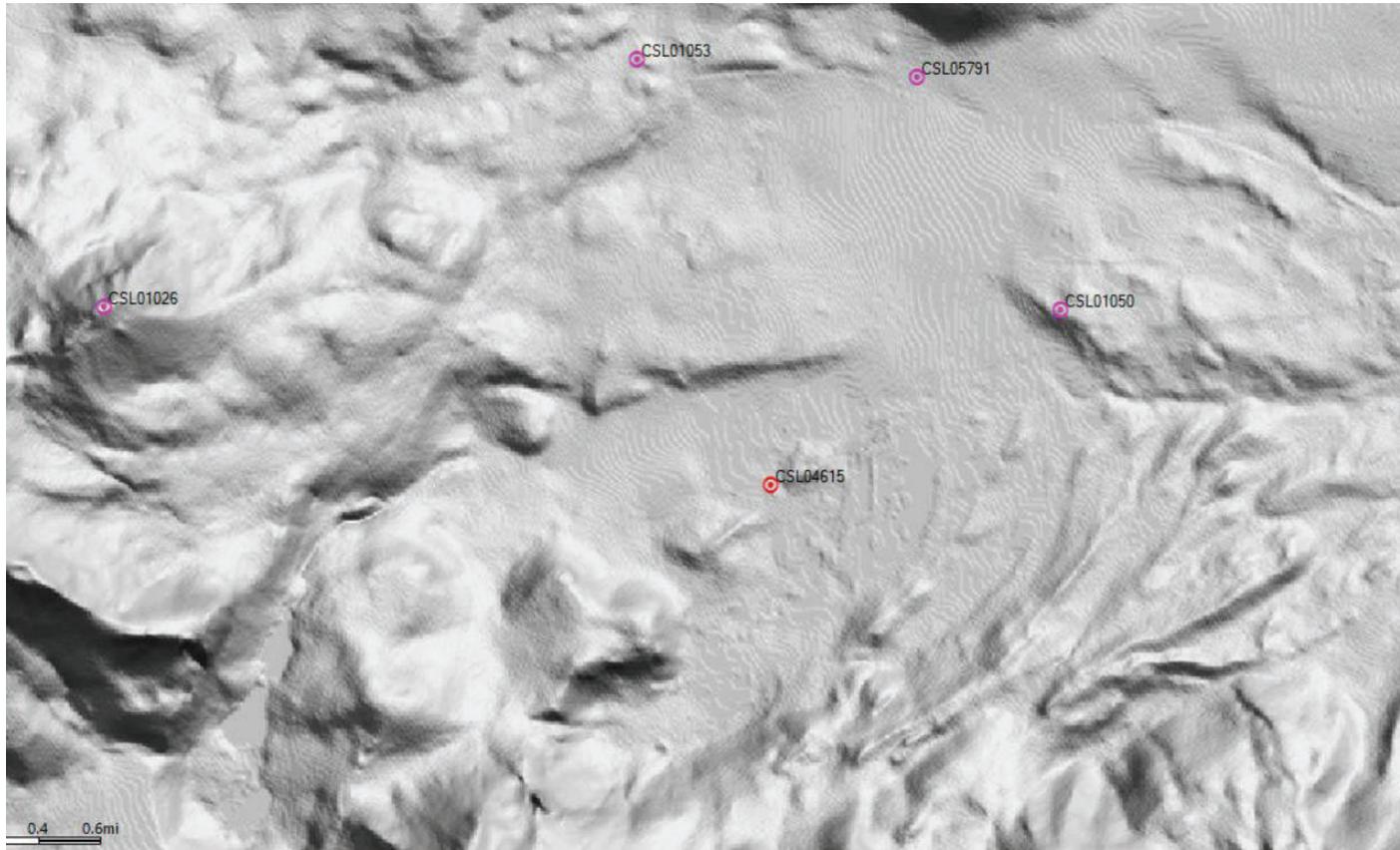
Site Address : 1574 Old Mammoth Road, Mammoth Lake CA 93546

ATOLL Completion Date: Jan 12, 2024

Assumptions

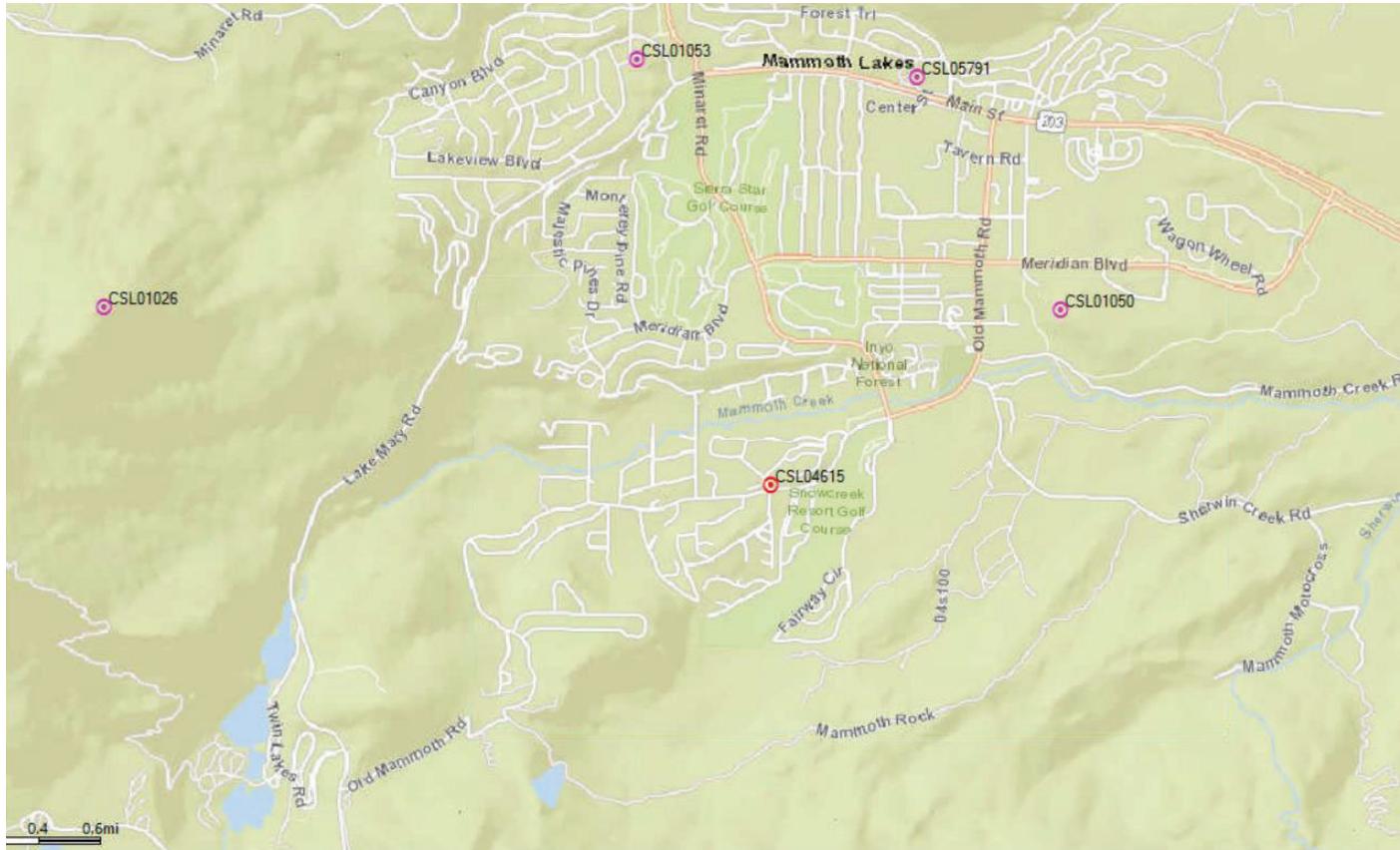
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CSL04165 (Terrain Map)



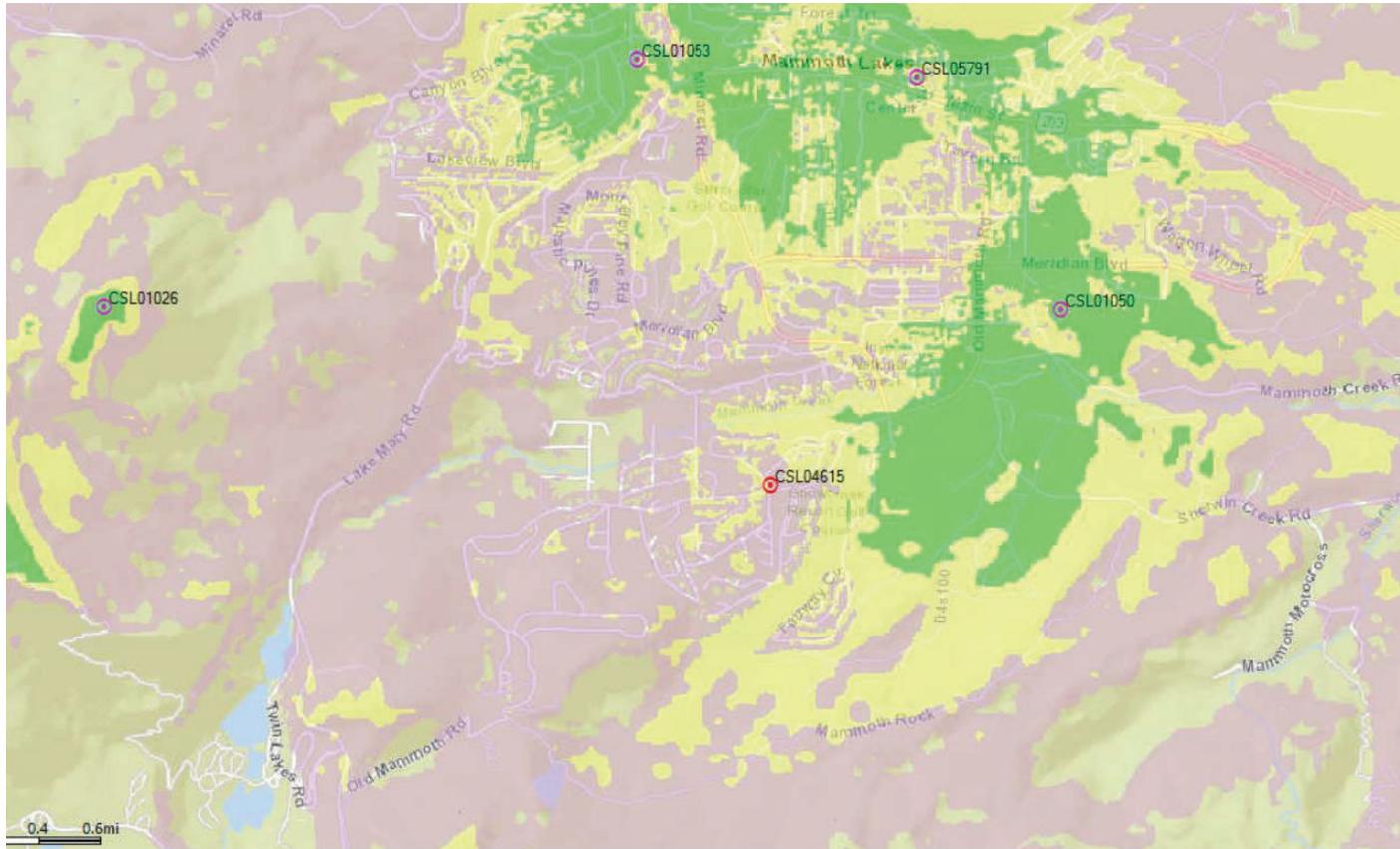
- Proposed Macro Site
- Existing Macro Sites

CSL04165 (Street Map)



- Proposed Macro Site
- Existing Macro Sites

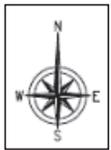
Coverage Before Site CSL04165



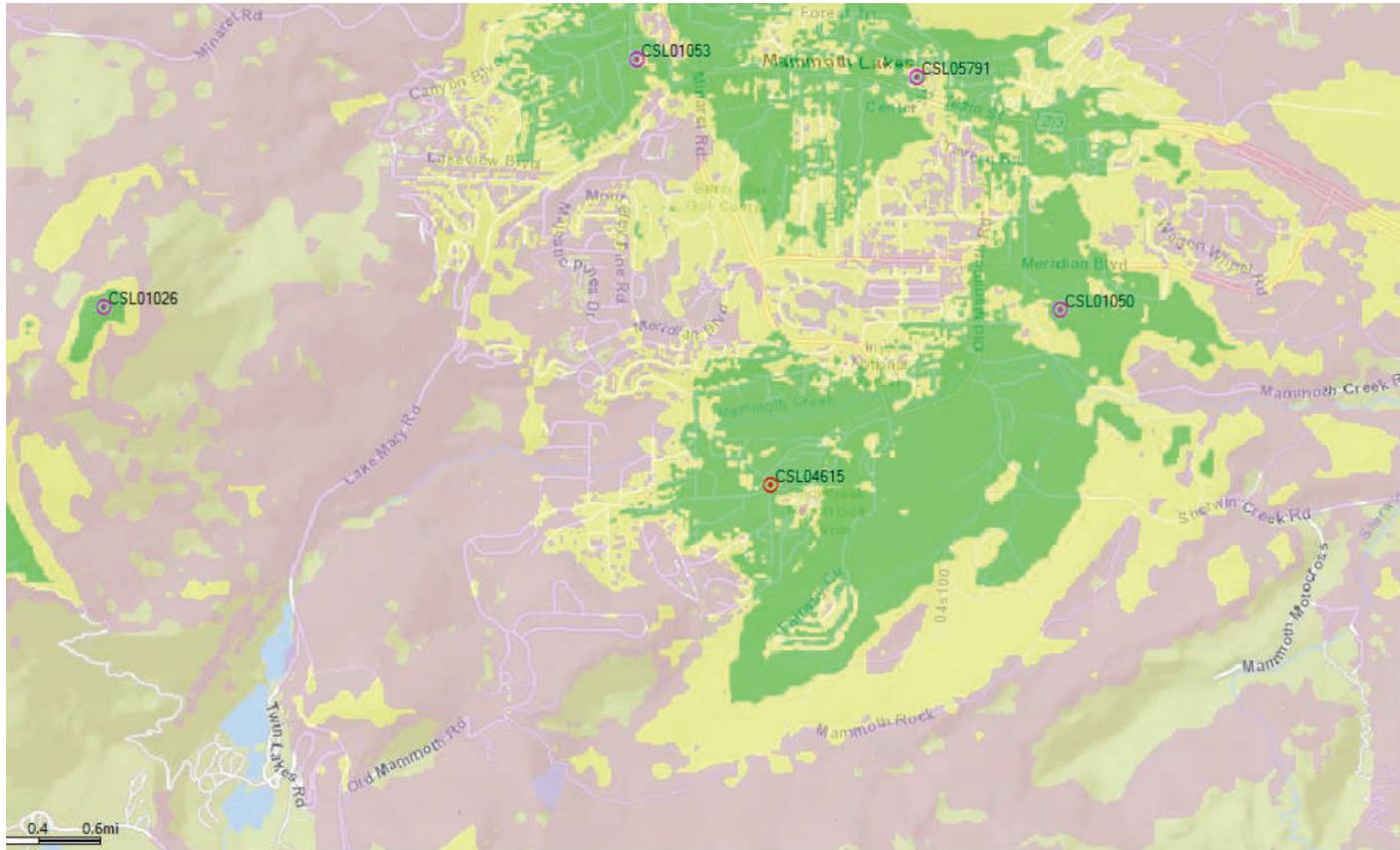
LEGEND (Coverage Signal)

- Indoor Signal
- In-Vehicle Signal
- Outdoor Signal

- Proposed Macro Site
- Existing Macro Sites



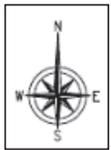
Coverage After Site CSL04165 – Center line 70'



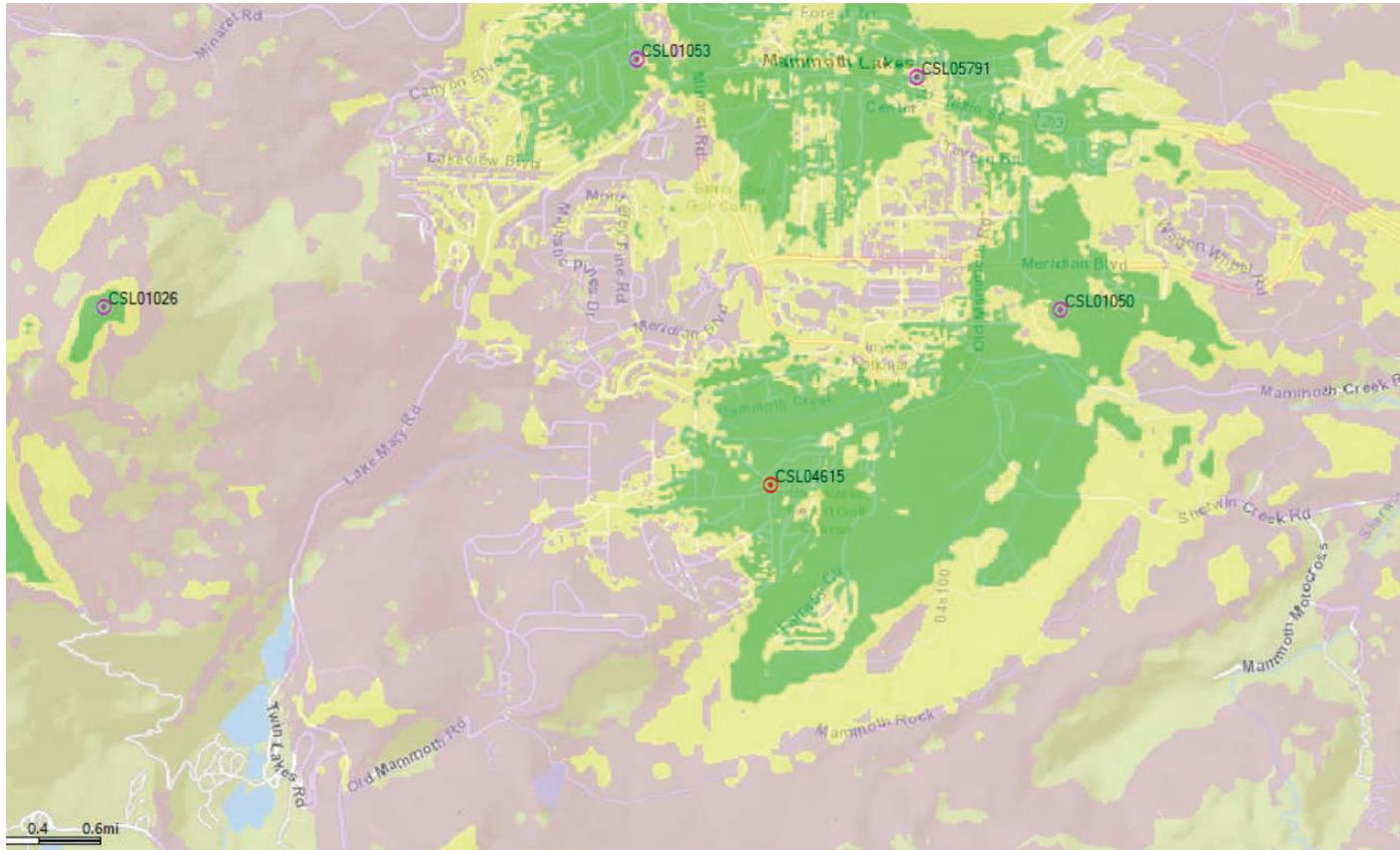
LEGEND (Coverage Signal)

- Indoor Signal
- In-Vehicle Signal
- Outdoor Signal

- Proposed Macro Site
- Existing Macro Sites



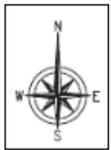
Coverage After Site CSL04165 – Center line 60'



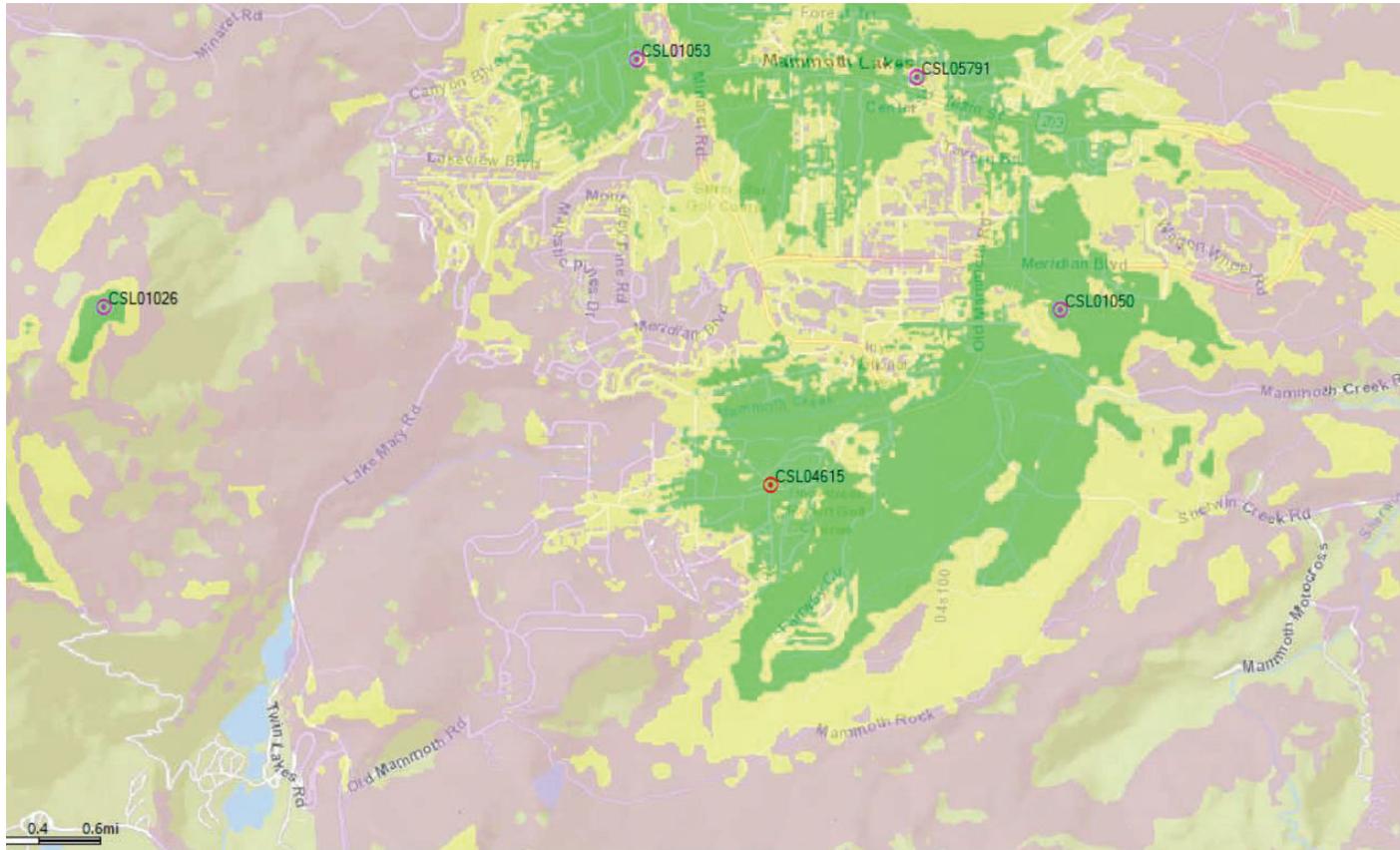
LEGEND (Coverage Signal)

- Indoor Signal
- In-Vehicle Signal
- Outdoor Signal

- Proposed Macro Site
- Existing Macro Sites



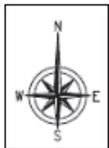
Coverage After Site CSL04165 – Center line 50'



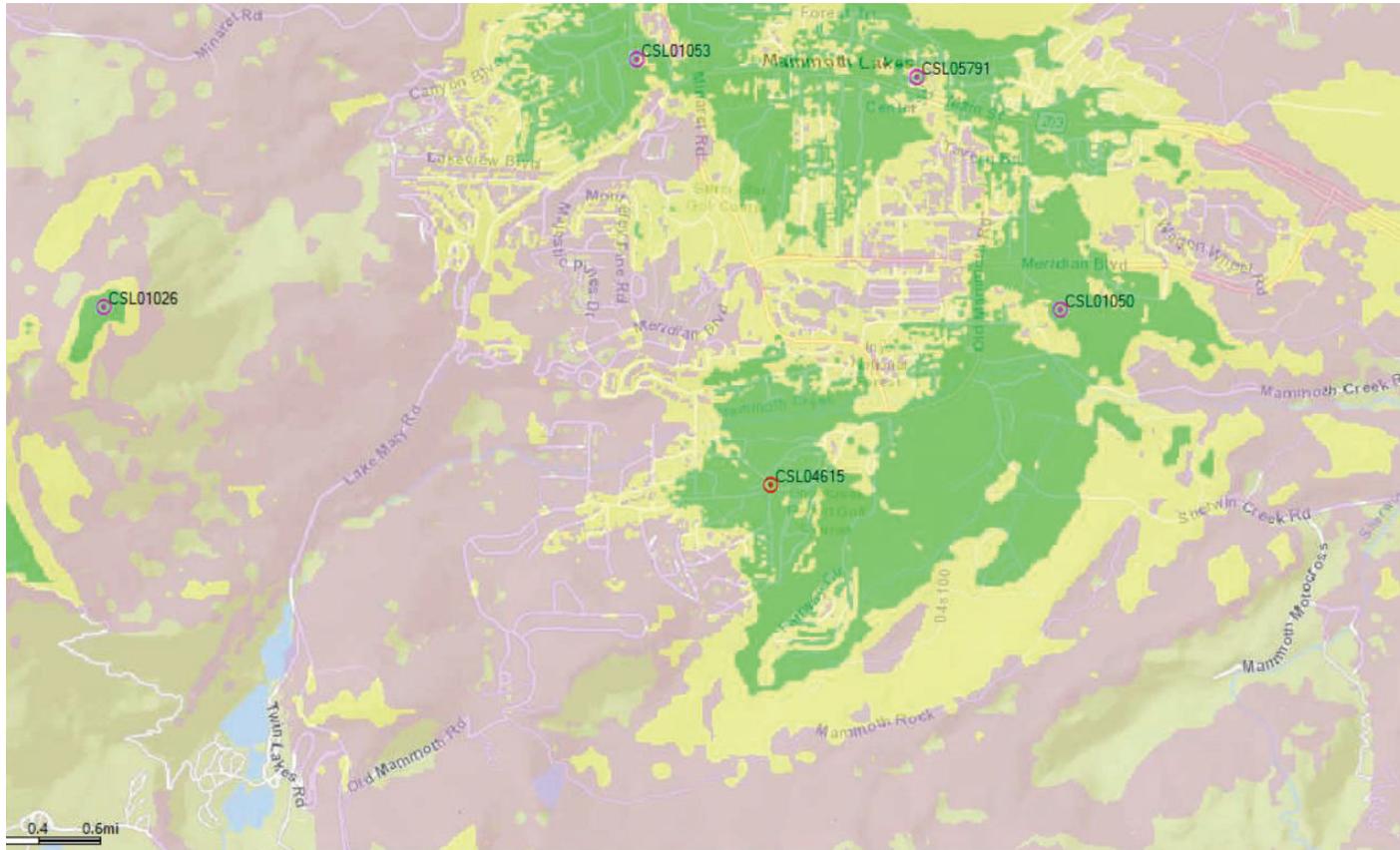
LEGEND (Coverage Signal)

- Indoor Signal
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- Proposed Macro Site
- Existing Macro Sites



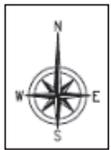
Coverage After Site CSL04165 – Center line 40'



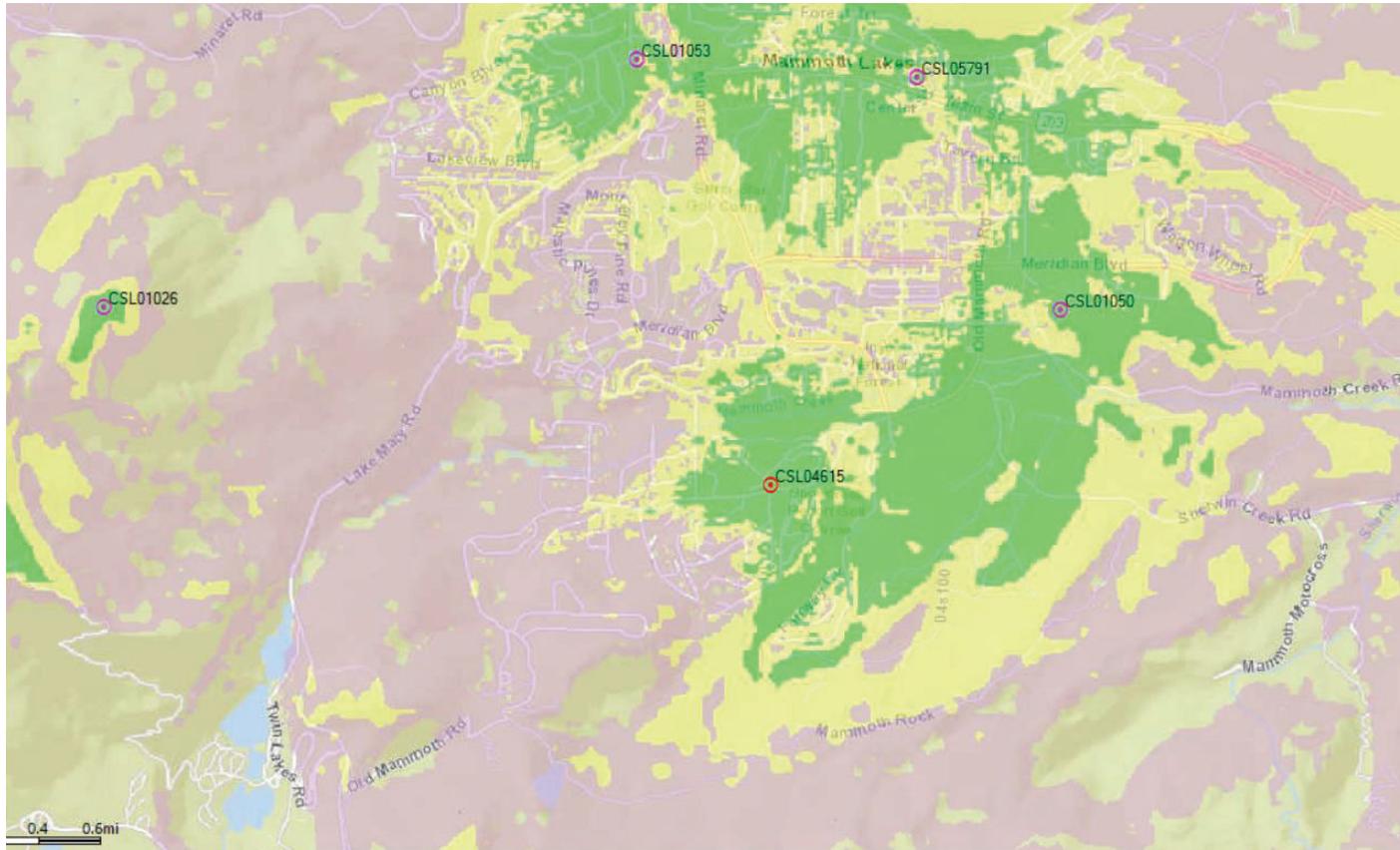
LEGEND (Coverage Signal)

- Indoor Signal
- In-Vehicle Signal
- Outdoor Signal

- Proposed Macro Site
- Existing Macro Sites



Coverage After Site CSL04165 – Center line 30'



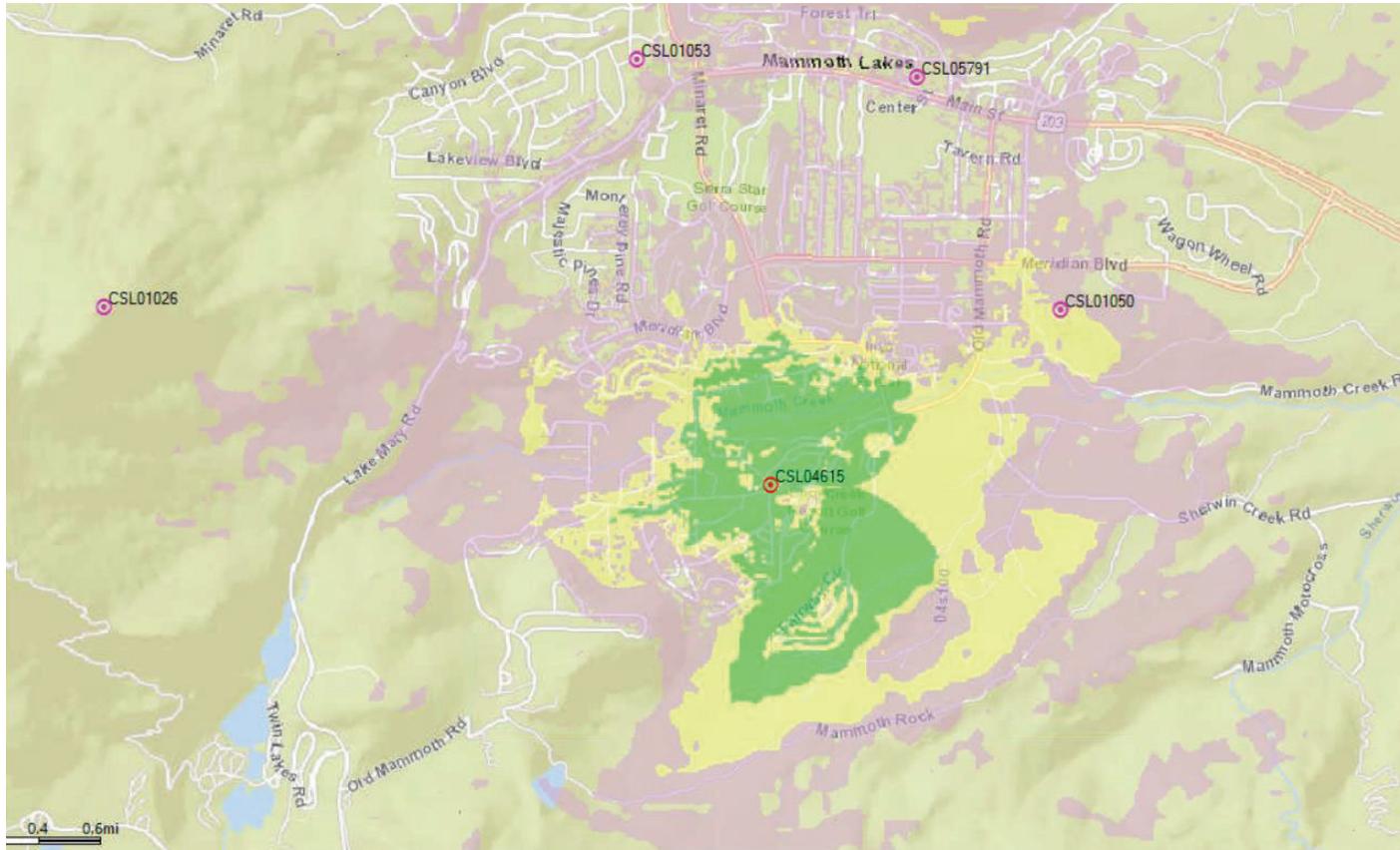
LEGEND (Coverage Signal)

- Indoor Signal
- In-Vehicle Signal
- Outdoor Signal

- Proposed Macro Site
- Existing Macro Sites

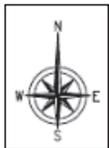


Standalone Coverage Of Site CSL04165 – Center line 70'



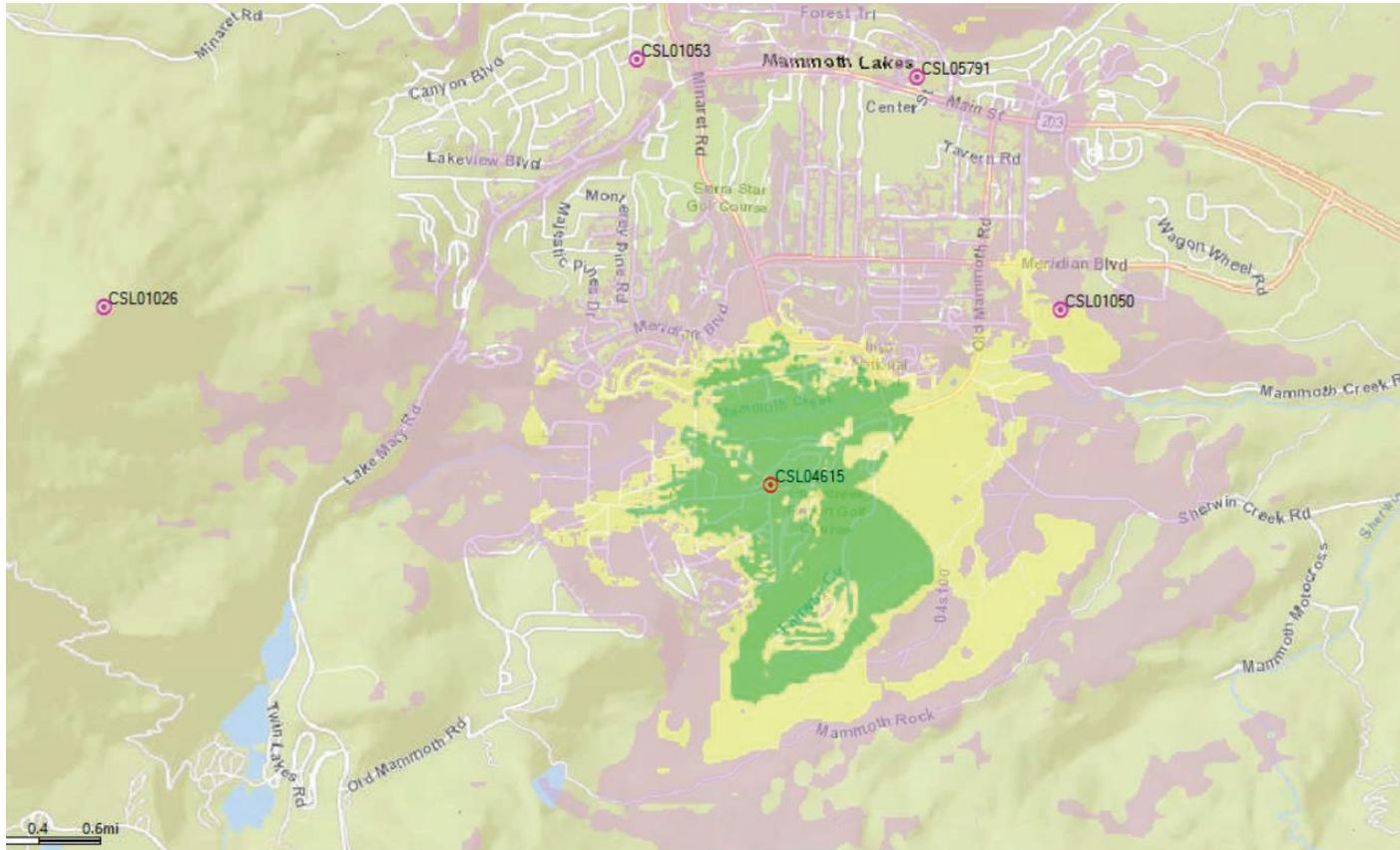
LEGEND (Coverage Signal)

- Indoor Signal
- In-Vehicle Signal
- Outdoor Signal



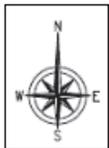
- Proposed Macro Site
- Existing Macro Sites

Standalone Coverage Of Site CSL04165 – Center line 60'



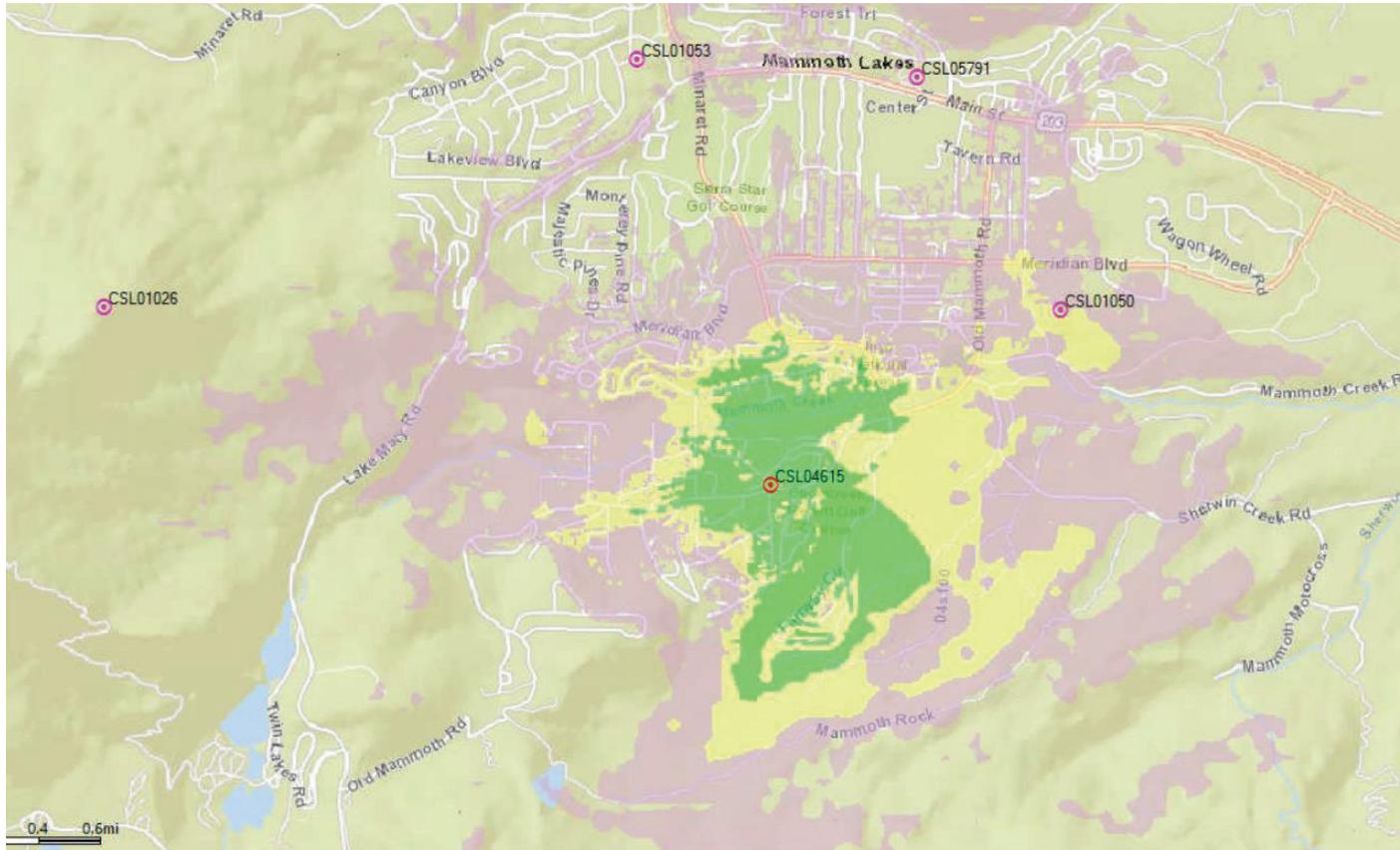
LEGEND (Coverage Signal)

- Indoor Signal
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- Outdoor Signal



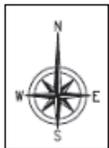
- Proposed Macro Site
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Standalone Coverage Of Site CSL04165 – Center line 50'



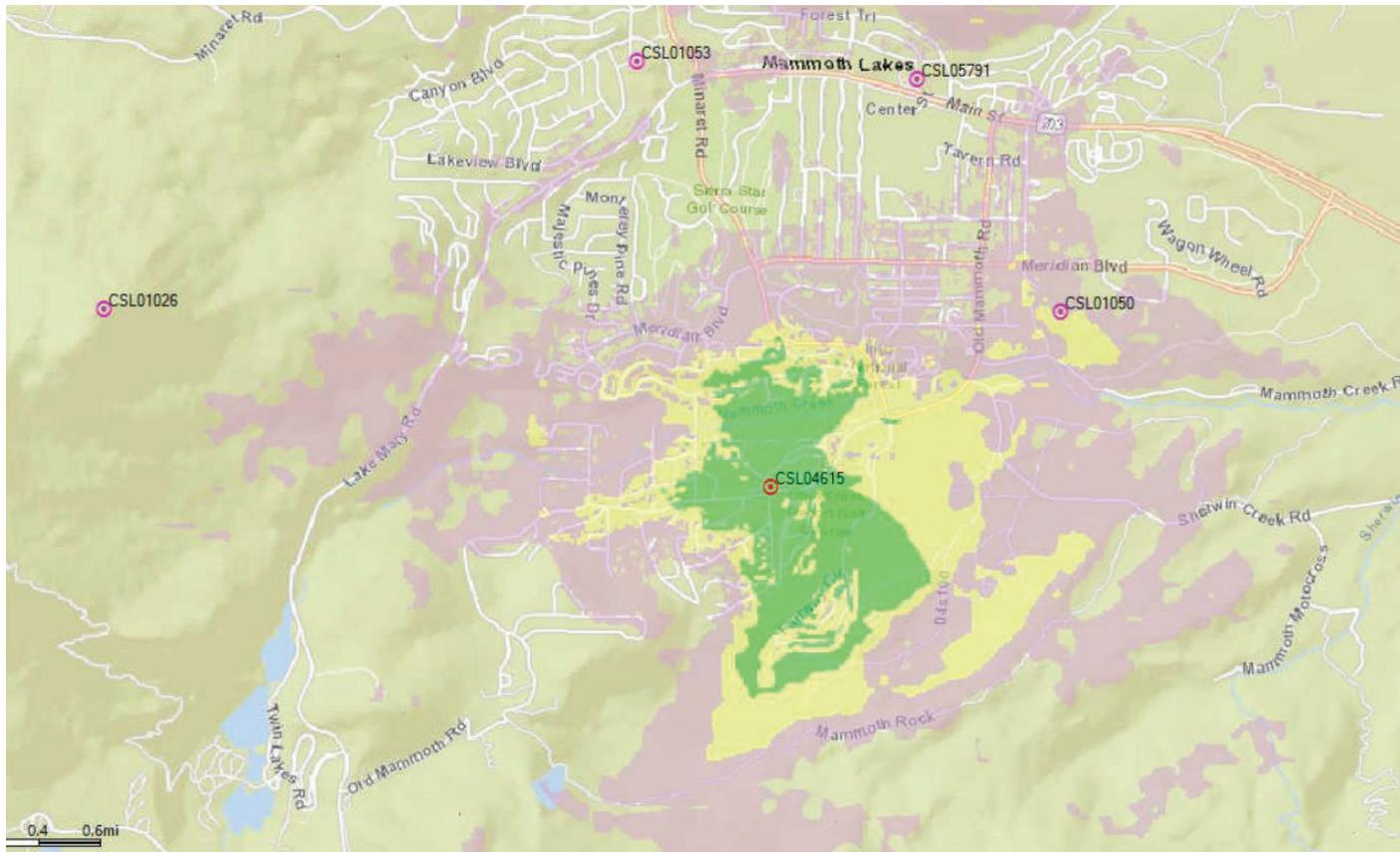
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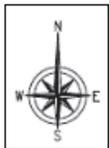
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Standalone Coverage Of Site CSL04165 – Center line 40'



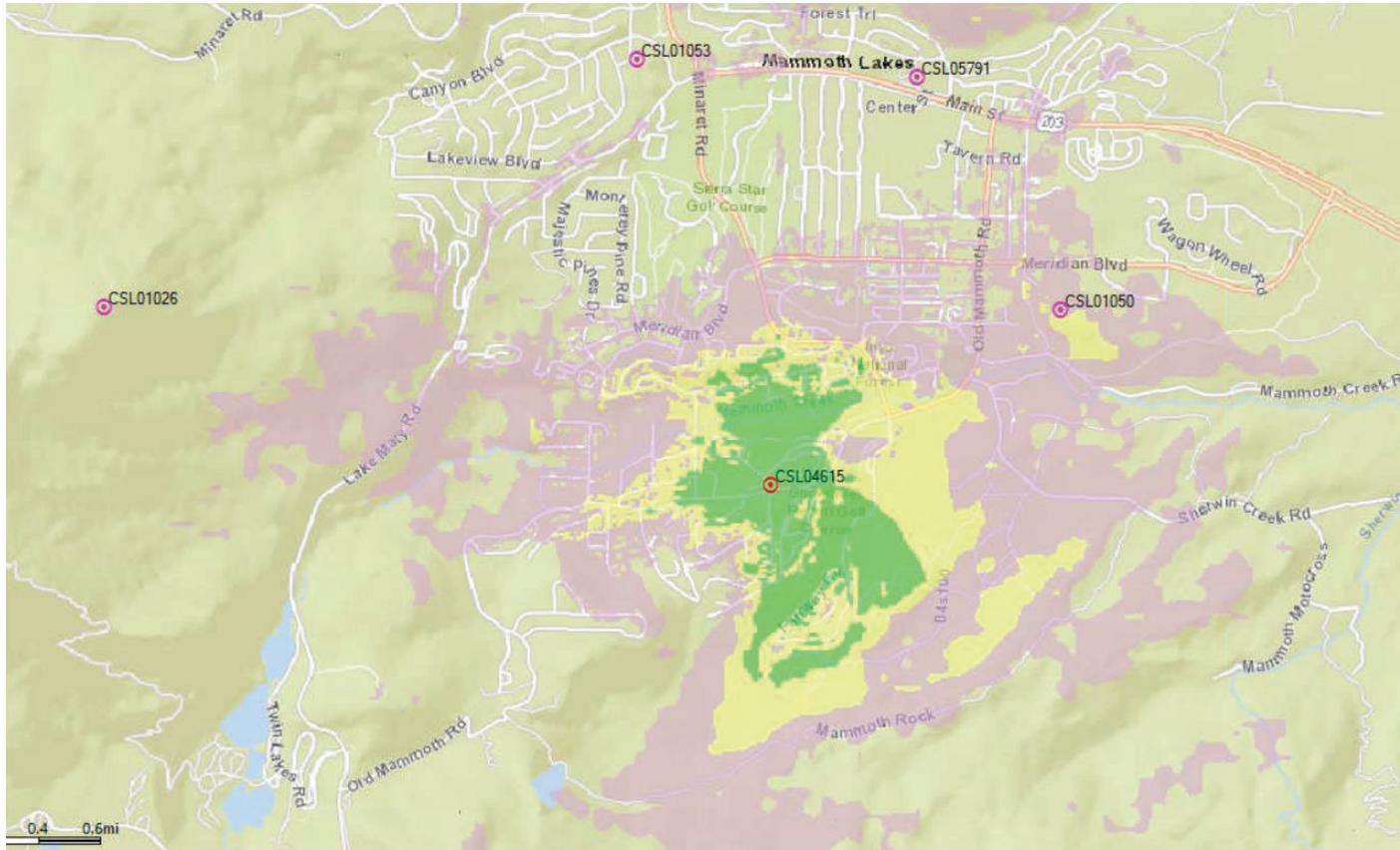
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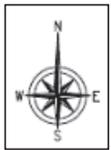
Standalone Coverage Of Site CSL04165 – Center line 30'



LEGEND (Coverage Signal)

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